U.S. Department
of Transportation

800 Independence Ave., S.W.
Washington, D.C. 20591

**Federal Aviation
Administration**

Transmittal Letter 17-09 **March 10, 2017**

**PREPARED BY THE AERONAUTICAL INFORMATION GROUP, AJV-53
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

The enclosed Standard Instrument Approach Procedures, Departure Procedures/Takeoff Minimums and Fix Actions are effective as indicated.

The following are corrected copies of procedures previously published in TL 17-07 on February 10, 2017, and in TL 17-08 on February 24, 2017.

Bolingbrook, IL, Bolingbrook's Clow Intl, RNAV (GPS)-B, Amdt 1
Bolingbrook, IL, Bolingbrook's Clow Intl, VOR-A, Amdt 1
Kokomo, IN, Kokomo Muni, ILS OR LOC RWY 23, Amdt 10C
Silver Springs, NV, Silver Springs, RNAV (GPS) RWY 24, Orig
South Hill, VA, Mecklenburg-Brunswick Rgnl, RNAV (GPS) RWY 19, Amdt 1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOT VORTAC	COTRI (TF) (FO) (RNP 2.00)	102.59 / 8.91	2300
COTRI (IF/IAF)	CAKVO (TF) (FB) (RNP 1.00)	002.34 / 5.00	2300
CAKVO (FAF)	RW36 (MAP) (TF) (FO) (RNP 0.30)	002.34 / 5.03	
RW36 (MAP)	1075 MSL (CA)	002.34	
1075 MSL	JOT VORTAC (DF) (FO) (RNP 1.00)		2300

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

LNAV: RW36

CLIMBING LEFT TURN TO 2300 DIRECT JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 051.00 INBOUND.
FAS OBST: 870 AAO 413802N/0880705W
CHART LEWIS UNIVERSITY AWOS-3
CHART CIRCLING ICON.
CAKVO TO RW36: 3.00/40.
CHART AIRPORT ELEV: 675

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S COTRI, RT, 002.34 INBOUND, 2300 FT. IN LIEU OF PT (IAF)**
3. FAC: **002.34** FAF: **CAKVO** DIST FAF TO MAP: **5.03** THLD:
4. MIN. ALT: **COTRI 2300, CAKVO 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW36 3400**

MAG VAR: **4W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**1160**	**1**	**485**	**1220**	**1**	**545**		**NA**			**NA**				

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JOT VORTAC ON V8 WESTBOUND AND V171-429 NORTHBOUND.
CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE JOLIET ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BOLINGBROOK, IL	**ELEVATION: 675** **TDZE:** AIRPORT NAME: **BOLINGBROOK'S CLOW INTL**	**RNAV**	**RNAV (GPS)-B, AMDT 1** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG** DATED **06/13/2002**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOT VORTAC (IF/IAF)	**HARIE INT/JOT 7.00 DME**	**041.42 / 7.00**	**2000**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

MAP: 5.16 NM AFTER HARIE INT/JOT 7.00 DME OR AT JITOK/12.16 DME FIX

CLIMBING RIGHT TURN TO 2200 DIRECT JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 916 TOWER 413814N/0881234W
CHART LEWIS UNIVERSITY AWOS-3
FAC CROSSES MIDPOINT OF RWY 18/36.
CHART CIRCLING ICON.
CHART AIRPORT ELEV: 675

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW JOT VORTAC, RT, 051.00 INBOUND, 2200 FT. IN LIEU OF PT (IAF)**
3. FAC **041.42** FAF **HARIE INT/JOT 7.00 DME** DIST FAF TO MAP **5.16** THLD ____
4. MIN. ALT **JOT VORTAC 2200, HARIE 2000**
8. MSA FROM: **JOT VORTAC 2600**

MAG VAR: **2E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1180**	**1**	**505**	**1220**	**1**	**545**		**NA**			**NA**				

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON JOT VORTAC AIRWAY RADIALS 171 CW 328.
CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE JOLIET ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CITY AND STATE	ELEVATION: 675 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BOLINGBROOK, IL	**BOLINGBROOK'S CLOW INTL**	**JOT**	**VOR-A, AMDT 1** 27 APRIL 2017	SUP QUALITY 4 CHECKED / AMDT **ORIG** / DATE **02/16/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC	WOXOG INT/OKK VORTAC 4.54 DME	048.90 / 4.54	2400

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

ILS: DA
LOC: 4.20 NM AFTER WOXOG INT/OKK 4.54 DME

CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 2600 DIRECT OKK VORTAC AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2600 DIRECT MZZ VOR/DME AND HOLD.

1. PT R SIDE OF COURSE 049.94 OUTBOUND 2400 FT WITHIN 10 MILES OF WOXOG (IAF)
2.
3. FAC: 229.94 FAF: WOXOG INT/OKK VORTAC 4.54 DME DIST FAF TO MAP: 4.20 THLD: 4.20
4. MIN. ALT: WOXOG INT/OKK VORTAC 4.54 DME 2200, FROWN INT/OKK VORTAC 2.04 DME 1300*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 760
6. MIN GS INCPT: 2200 GS ALT AT: WOXOG 2200 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 44.1
8. MSA FROM: OKK VORTAC 2900

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 224.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW MZZ VOR/DME, LT, 067.00 INBOUND.
CHART FAS OBST: 959 TREE 403322N/0860134W
CHART VDP AT 1.46 DME*
DISTANCE VDP TO THLD 1.12 NM.
*LOC ONLY.
CHART IN PLANVIEW: MZZ VOR/DME.
CHART CIRCLING ICON.
CHART IN PLANVIEW: (CFVNG) (403910.89N/0855346.72W).

MAG VAR: 5W EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	1027	1/2	200	1027	1/2	200	1027	1/2	200	1027	1/2	200			
S-LOC 23	1300	1/2	473	1300	1/2	473	1300	1	473	1300	1	473			
CIRCLING	1300	1	468	1300	1	468	1400	1 1/2	568	1640	2 1/2	808			
FROWN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 23	1220	1/2	393	1220	1/2	393	1220	3/4	393	1220	3/4	393			
CIRCLING	1260	1	428	1300	1	468	1400	1 1/2	568	1640	2 1/2	808			

NOTES:
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 011 CW 107.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
# CAT D 900-2 1/2
@ CAT D 900-2 1/2

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 832 TDZE: 827	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KOKOMO, IN	AIRPORT NAME: KOKOMO MUNI	I-OKK	ILS OR LOC RWY 23, AMDT 10C, 04/27/2017	AMDT: 10B
				DATED 06/23/2016

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HZN VORTAC (IF/IAF)	ZEKEM (TF) (FB) (RNP 1.00)	215.47 / 3.54	7000
ZEKEM	ZUTZA (TF) (FB) (RNP 1.00)	221.75 / 3.63	6200
ZUTZA (FAF)	RW24 (MAP) (TF) (FO) (RNP 0.30)	236.18 / 6.11	
RW24 (MAP)	6900 MSL	236.18	6900
6900 MSL	HZN VORTAC (DF) (FO) (RNP 1.00)		9900

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-08.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 6900 THEN CLIMBING LEFT TURN TO 9900 DIRECT HZN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9900.
***MISSED APPROACH REQUIRES MINIMUM CLIMB OF 315 FEET PER NM TO 6900.**

ADDITIONAL FLIGHT DATA:
FAS OBST: 4817 AAO 392519N/1190911W
4912 AAO 392715N/1190720W
DISTANCE TO THLD FROM 356 HAT: 1.06 NM.
WAAS CHANNEL # 65740
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
CHART FALLON NAS (VAN VOORHIS FLD) ATIS.
LTP HAE: 1260.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE HZN VORTAC, RT, 215.47 INBOUND, 8000 FT. IN LIEU OF PT (IAF)**
3. FAC: **236.18** FAF: **ZUTZA** DIST FAF TO MAP: **6.11** THLD: **6.11**
4. MIN. ALT: **HZN VORTAC 8000, ZEKEM 7000, ZUTZA 6200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **6200** GS ALT AT: **ZUTZA 6200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS CLEAR**
8. MSA FROM: **RW24 10200**

MAG VAR: **13E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA*	4593	1 1/4	356	4593	1 1/4	356	4593	1 1/4	356		NA				
LPV DA	5007	3	770	5007	3	770	5007	3	770		NA				
LNAV/VNAV DA	5209	4	972	5209	4	972	5209	4	972		NA				
LNAV MDA	5280	1 1/4	1043	5280	1 1/2	1043	5280	3	1043		NA				
CIRCLING	5280	1 1/4	1015	5620	1 1/2	1355	6040	3	1775		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON HZN VORTAC AIRWAY RADIAL R-011.
(CONTINUED ON PAGE 2)

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 4265 TDZE: 4237 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SILVER SPRINGS, NV	**SILVER SPRINGS**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 27 APRIL 2017	AMDT: **NONE** DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: USE FALLON NAS (VAN VOORHIS FLD) ALTIMETER SETTING; WHEN NOT RECEIVED, USE RENO/TAHOE INTL ALTIMETER SETTING.

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SILVER SPRINGS, NV	**ELEVATION: 4265** **TDZE: 4237** AIRPORT NAME: **SILVER SPRINGS**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 27 APRIL 2017	SUP: AMDT: **NONE** DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSPZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	392421.5320N
LTP/FTP LONGITUDE	1191428.6080W
LTP/FTP ELLIPSOIDAL HEIGHT	+12603
FPAP LATITUDE	392349.7055N
FPAP LONGITUDE	1191615.9835W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1FA600D7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12846
FPAP ORTHOMETRIC HEIGHT	+12846

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SILVER SPRINGS, NV	ELEVATION: 4265 TDZE: 4237 AIRPORT NAME: SILVER SPRINGS	RNAV	RNAV (GPS) RWY 24, ORIG 27 APRIL 2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
USHEE (IAF)	YACNE (NOPT) (TF) (FB) (RNP 1.00)	276.67 / 6.30	3000
PAYEN (IAF)	YACNE (NOPT) (TF) (FB) (RNP 1.00)	096.52 / 6.30	3000
YACNE (IF/IAF)	WUSKE (TF) (FB) (RNP 1.00)	186.59 / 6.00	2000
WUSKE (FAF)	OVOBE/2.20 NM TO RW19 (TF) (FB) (RNP 0.30)	186.60 / 2.57	
OVOBE/2.20 NM TO RW19	RW19 (MAP) (TF) (FO) (RNP 0.30)	186.60 / 2.20	
(SEE FORM 8260-10)			

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-08.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 DIRECT USHEE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N YACNE, RT, 186.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **186.60** FAF: **WUSKE** DIST FAF TO MAP: **4.77** THLD: **4.77**
4. MIN. ALT: **YACNE 3000, WUSKE 2000, OVOBE/2.20 NM TO RW19 1180***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2000** GS ALT AT: **WUSKE 2000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 276.67 INBOUND.
CHART FAS OBST: 510 TREE 364225N/0780306W
CHART R-6602 A/B/C.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 0.87 NM TO RW19*
***LNAV ONLY.**
WAAS CHANNEL # 93718
REFERENCE PATH ID: W19A
CHART CIRCLING ICON.
LTP HAE: 101.7 M

MAG VAR: **9W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**691**	**1**	**250**	**691**	**1**	**250**	**691**	**1**	**250**	**691**	**1**	**250**			
LNAV/VNAV DA	**710**	**1**	**269**	**710**	**1**	**269**	**710**	**1**	**269**	**710**	**1**	**269**			
LNAV MDA	**760**	**1**	**319**	**760**	**1**	**319**	**760**	**1**	**319**	**760**	**1**	**319**			
CIRCLING	**860**	**1**	**419**	**900**	**1**	**459**	**1060**	**1 3/4**	**619**	**1060**	**2**	**619**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
***LNAV ONLY**
CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY 19 CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	**MECKLENBURG-BRUNSWICK RGNL**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED **04/28/2016**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW19 (MAP)	900 MSL (CA)	186.60	
900 MSL	USHEE (DF) (FO) (RNP 1.00)		3000

TAA

	FROM	TO	ALT
1.	097/30 CW 277/30 (NOPT)	YACNE (IF/IAF) (FB)	3000
2.	277/30 CW 007/30	USHEE (IAF) (FB)	3000
3.	007/30 CW 097/30	PAYEN (IAF) (FB)	3000

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-C DATED: 04/28/2016

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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QUALITY 19 CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	**MECKLENBURG-BRUNSWICK RGNL**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED: **04/28/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAVC
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	364142.5385N
LTP/FTP LONGITUDE	0780317.3680W
LTP/FTP ELLIPSOIDAL HEIGHT	+01017
FPAP LATITUDE	364013.3985N
FPAP LONGITUDE	0780312.7295W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1055C2D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01345
FPAP ORTHOMETRIC HEIGHT	+01345

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-C DATED: 04/28/2016

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31125; Amdt. No. 3739]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule establishes, amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications

listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001.

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or removes SIAPS, Takeoff Minimums and/or ODPS. The complete regulatory description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part §97.20. The applicable FAA forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The large number of SIAPs, Takeoff Minimums and ODPs, their complex nature, and the need for a special format make publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each

SIAP, Takeoff Minimums and ODP listed on FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs, Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure, and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPS, Takeoff Minimums and/or ODPS as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as Amended in the transmittal. Some SIAP and Takeoff Minimums and textual ODP amendments may have been issued previously by the FAA in a Flight Data Center (FDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPs and Takeoff Minimums and ODPs, an effective date at least 30 days after publication is provided.

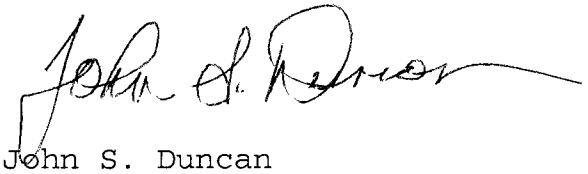
Further, the SIAPs and Takeoff Minimums and ODPs contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C 553(d), good cause exists for making some SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore--(1) is not a "significant regulatory action" under Executive Order 12866;(2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26,1979) ; and (3)does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on MARCH 10, 2017



John S. Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or removing Standard Instrument Approach Procedures and/or Takeoff Minimums and Obstacle Departure Procedures effective at 0901 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(f), 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 27 April 2017

Bakersfield, CA, Meadows Field, RNAV (GPS) RWY 12R, Orig
Bakersfield, CA, Meadows Field, RNAV (GPS) RWY 30L, Orig
Los Angeles, CA, Los Angeles Intl, RNAV (RNP) Z RWY 24L, Amdt 2
Ontario, CA, Ontario Intl, RNAV (GPS) Y RWY 26L, Amdt 2
Ontario, CA, Ontario Intl, RNAV (GPS) Y RWY 26R, Amdt 2
Alamosa, CO, San Luis Valley Rgnl/Bergman Field, ILS OR LOC RWY 2, Amdt 2
Alamosa, CO, San Luis Valley Rgnl/Bergman Field, RNAV (GPS) RWY 2, Amdt 1
Pahokee, FL, Palm Beach Co Glades, RNAV (GPS) RWY 17, Orig-A
Pahokee, FL, Palm Beach Co Glades, RNAV (GPS) RWY 35, Orig-A
Pahokee, FL, Palm Beach Co Glades, VOR/DME-A, Orig-A
Stuart, FL, Witham Field, RNAV (GPS) RWY 12, Amdt 1B
West Palm Beach, FL, North Palm Beach County General Aviation, ILS OR LOC RWY 8R, Amdt 1B
West Palm Beach, FL, North Palm Beach County General Aviation, RNAV (GPS) RWY 13, Orig-B
West Palm Beach, FL, North Palm Beach County General Aviation, VOR RWY 8R, Amdt 1C
West Palm Beach, FL, Palm Beach County Park, RNAV (GPS)-A, Orig-A
Dalton, GA, Dalton Muni, ILS OR LOC RWY 14, Amdt 1
Dalton, GA, Dalton Muni, RNAV (GPS) RWY 14, Amdt 1
Dalton, GA, Dalton Muni, RNAV (GPS) RWY 32, Amdt 1
Dalton, GA, Dalton Muni, Takeoff Minimums and Obstacle DP, Amdt 5
Honolulu, HI, Daniel K. Inouye Intl, Takeoff Minimums and Obstacle DP, Amdt 8A
Ottumwa, IA, Ottumwa Rgnl, ILS OR LOC RWY 31, Amdt 5E
Cairo, IL, Cairo Rgnl, NDB RWY 14, Amdt 2B
Cairo, IL, Cairo Rgnl, RNAV (GPS) RWY 32, Orig-B
Chicago/Prospect Heights/Wheeling, IL, Chicago Executive, RNAV (GPS) RWY 16, Amdt 1E
Anderson, IN, Anderson Muni-Darlington Field, ILS OR LOC RWY 30, Amdt 2
Anderson, IN, Anderson Muni-Darlington Field, NDB RWY 30, Amdt 7
Indianapolis, IN, Indianapolis Rgnl, RNAV (GPS) RWY 25, Orig-C
Logansport, IN, Logansport/Cass County, VOR-A, Amdt 7A
Marion, IN, Marion Muni, ILS OR LOC RWY 4, Amdt 7D
Peru, IN, Peru Muni, VOR RWY 1, Amdt 8C
Wabash, IN, Wabash Muni, VOR-A, Amdt 11A
Houma, LA, Houma-Terrebonne, ILS OR LOC RWY 18, Amdt 5
New Iberia, LA, Acadiana Rgnl, ILS OR LOC RWY 35, Amdt 1
New Iberia, LA, Acadiana Rgnl, RNAV (GPS) RWY 17, Amdt 1
New Iberia, LA, Acadiana Rgnl, RNAV (GPS) RWY 35, Amdt 1
New Iberia, LA, Acadiana Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
New Iberia, LA, Acadiana Rgnl, VOR OR TACAN RWY 17, Amdt 2
New Iberia, LA, Acadiana Rgnl, VOR RWY 35, Amdt 2
Cape Girardeau, MO, Cape Girardeau Rgnl, LOC/DME BC RWY 28, Amdt 8C
Charleston, MO, Mississippi County, NDB RWY 36, Amdt 4B

Gordon, NE, Gordon Muni, NDB RWY 22, Amdt 4B
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 4, Amdt 1B
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 22, Amdt 1A
Burns Flat, OK, Clinton-Sherman, ILS OR LOC RWY 17R, Amdt 8
Burns Flat, OK, Clinton-Sherman, Takeoff Minimums and Obstacle DP, Orig-A
Burns Flat, OK, Clinton-Sherman, VOR RWY 35L, Amdt 12
Clinton, OK, Clinton Rgnl, RNAV (GPS) RWY 17, Amdt 3
Clinton, OK, Clinton Rgnl, RNAV (GPS) RWY 35, Amdt 4
Clinton, OK, Clinton Rgnl, VOR/DME-A, Orig, CANCELED
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 17, Amdt 2
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 35, Amdt 2
Weatherford, OK, Thomas P Stafford, RNAV (GPS) RWY 35, Amdt 3
Latrobe, PA, Arnold Palmer Rgnl, ILS OR LOC RWY 23, Amdt 17
Latrobe, PA, Arnold Palmer Rgnl, RNAV (GPS) RWY 5, Amdt 1
Latrobe, PA, Arnold Palmer Rgnl, RNAV (GPS) RWY 23, Amdt 1
Latrobe, PA, Arnold Palmer Rgnl, Takeoff Minimums and Obstacle DP, Amdt 6
Majuro Atoll, RM, Marshall Islands Intl, NDB RWY 7, Amdt 1A
Majuro Atoll, RM, Marshall Islands Intl, NDB RWY 25, Amdt 1A
Majuro Atoll, RM, Marshall Islands Intl, RNAV (GPS) RWY 7, Orig-D
Majuro Atoll, RM, Marshall Islands Intl, RNAV (GPS) RWY 25, Orig-D
Millington, TN, Millington Rgnl Jetport, Takeoff Minimums and Obstacle DP, Orig-A
Canadian, TX, Hemphill County, RNAV (GPS) RWY 4, Amdt 2
Kerrville, TX, Kerrville Muni/Louis Schreiner Fld, NDB RWY 30, Amdt 4, CANCELED
Terrell, TX, Terrell Muni, NDB RWY 17, Amdt 4
Wheeler, TX, Wheeler Muni, RNAV (GPS) RWY 17, Orig-A, CANCELED
Wheeler, TX, Wheeler Muni, RNAV (GPS) RWY 35, Orig-A, CANCELED
Wheeler, TX, Wheeler Muni, RNAV (GPS)-A, Orig
Wheeler, TX, Wheeler Muni, RNAV (GPS)-B, Orig
Wheeler, TX, Wheeler Muni, VOR/DME-A, Amdt 2, CANCELED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MARIC	MOMUE (TF) (FO) (RNP 2.00)	349.27 / 20.96	3400
EHF VORTAC	MOMUE (TF) (FO) (RNP 2.00)	296.30 / 9.50	3400
COREZ (IAF)	MOMUE (NOPT) (TF) (FB) (RNP 1.00)	067.09 / 11.82	3400
PONDD (IAF)	MOMUE (NOPT) (TF) (FB) (RNP 1.00)	161.45 / 14.24	3400
MOMUE (IF/IAF)	WENTI (TF) (FB) (RNP 1.00)	121.21 / 6.34	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12R

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3500 DIRECT MARIC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW MOMUE, RT, 121.21 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
3. FAC: 121.27 FAF: WENTI DIST FAF TO MAP: 6.16 THLD: 6.16
4. MIN. ALT: MOMUE 3400, WENTI 2500, TEDBE/2.90 NM TO RW12R 1440*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WENTI 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW0!! 8800

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 221.00 INBOUND.
CHART FAS OBST: 668 T-L TWR 352727N/1190428W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.28 NM TO RW12R*
*LNAV ONLY.
WAAS CHANNEL # 61040
REFERENCE PATH ID: W12B
CHART CIRCLING ICON.
LTP HAE: 115.3 M

MAG VAR: 14E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	738	3/4	250	738	3/4	250	738	3/4	250	738	3/4	250			
LNAV/VNAV DA	969	1 5/8	481	969	1 5/8	481	969	1 5/8	481	969	1 5/8	481			
LNAV MDA	920	1	432	920	1	432	920	1 1/4	432	920	1 1/4	432			
CIRCLING	960	1	450	960	1	450	960	1 1/2	450	1060	2	550			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NE OF RWY 12L-30R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EHF VORTAC ON V165 SOUTHBOUND.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 510 TDZE: 488 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WENTI (FAF)	TEDBE/2.90 NM TO RW12R (TF) (FB) (RNP 0.30)	121.27 / 3.26	
TEDBE/2.90 NM TO RW12R	RW12R (MAP) (TF) (FO) (RNP 0.30)	121.27 / 2.90	
RW12R (MAP)	1000 MSL (CA)	121.27	
1000 MSL	MARIC (DF) (FO) (RNP 1.00)		3500

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 488 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW12R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12B
LTP/FTP LATITUDE	352619.4810N
LTP/FTP LONGITUDE	1190356.2705W
LTP/FTP ELLIPSOIDAL HEIGHT	+01153
FPAP LATITUDE	352516.0245N
FPAP LONGITUDE	1190239.6130W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	421520A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01486
FPAP ORTHOMETRIC HEIGHT	+01486

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 488 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GMN VORTAC	AXONE (TF) (FB) (RNP 2.00)	345.98 / 13.65	9800
LOPES	AXONE (TF) (FB) (RNP 2.00)	256.09 / 7.89	8000
GRAPE	AXONE (TF) (FB) (RNP 2.00)	020.61 / 4.82	8000
AXONE (IAF)	ISARE (TF) (FB) (RNP 1.00)	343.26 / 14.96	3500
ISARE (IF)	WILOG (TF) (FB) (RNP 1.00)	301.43 / 6.00	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30L

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT STEBN AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ISARE**
3. FAC: **301.38** FAF: **WILOG** DIST FAF TO MAP: **6.22** THLD: **6.22**
4. MIN. ALT: **ISARE 3500, WILOG 2500, OJOXY/2.20 NM TO RW30L 1200***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2500** GS ALT AT: **WILOG 2500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **50.0** **34:1 IS CLEAR**
8. MSA FROM: **RW30L 8800**

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 322.45 INBOUND.
CHART FAS OBST: 599 TREE 352550N/1190220W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.13 NM TO RW30L*
***LNAV ONLY.**
WAAS CHANNEL # 82440
REFERENCE PATH ID: W30B
CHART CIRCLING ICON.
LTP HAE: 109.3 M

MAG VAR: **14E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**734**	**7/8**	**250**	**734**	**7/8**	**250**	**734**	**7/8**	**250**	**734**	**7/8**	**250**			
LNAV/VNAV DA	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**			
LNAV MDA	**860**	**1**	**376**	**860**	**1**	**376**	**860**	**1**	**376**	**860**	**1**	**376**			
CIRCLING	**960**	**1**	**450**	**960**	**1**	**450**	**960**	**1 1/2**	**450**	**1060**	**2**	**550**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NE OF RWY 12L-30R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOPES ON V165-459 SOUTHEAST BOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	**ELEVATION: 510 TDZE: 484** AIRPORT NAME: **MEADOWS FIELD**	**RNAV**	**RNAV (GPS) RWY 30L, ORIG, 04/27/2017**	AMDT: **NONE** DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WILOG (FAF)	OJOXY/2.20 NM TO RW30L (TF) (FB) (RNP 0.30)	301.38 / 4.02	
OJOXY/2.20 NM TO RW30L	RW30L (MAP) (TF) (FO) (RNP 0.30)	301.38 / 2.20	
RW30L (MAP)	1000 MSL (CA)	301.38	1000
1000 MSL	STEBN (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAPE ON V23 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GMN VORTAC AIRWAY RADIALS 297 CW 328.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 510 TDZE: 484 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	**MEADOWS FIELD**	**RNAV**	**RNAV (GPS) RWY 30L, ORIG, 04/27/2017**	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30B
LTP/FTP LATITUDE	352535.8140N
LTP/FTP LONGITUDE	1190303.5150W
LTP/FTP ELLIPSOIDAL HEIGHT	+01093
FPAP LATITUDE	352639.2665N
FPAP LONGITUDE	1190420.1830W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0856
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C81055F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01425
FPAP ORTHOMETRIC HEIGHT	+01425

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 484 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 30L, ORIG, 04/27/2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CRCUS (IAF)	PFILA (TF) (FB) (RNP 1.00)	240.30 / 10.41	10000
SEAVU (IAF)	PFILA (TF) (FB) (RNP 1.00)	273.42 / 10.80	10000
PFILA	SALWA (TF) (FB) (RNP 1.00)	251.39 / 3.60	9000
SALWA	WLNUT (TF) (FB) (RNP 1.00)	251.35 / 3.60	8000
WLNUT	HURLR (TF) (FB) (RNP 1.00)	251.31 / 3.60	7000
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 2000 ON TRACK 251.07 TO JAKOS AND TRACK 263.16 TO RAFFS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT IFIJU**
3. FAC: **251.07** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **IFIJU 2500, SUTIE 2200**
5. DIST TO THLD FROM OM: **6.37** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2200** GS ALT AT: **SUTIE 2200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **58.7 # 34:1 IS CLEAR**
8. MSA FROM: **RW24L 7700**

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 262.00 INBOUND.
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
DISTANCE TO THLD FROM 422 HAT: 1.17 NM.
#TCH 171.9 MSL (DO NOT CHART)
CHART KHHR IN PLANVIEW.
CHART AT OR ABOVE 12000 AND AT OR BELOW 14000 AT CRCUS
CHART AT OR ABOVE 12000 AND AT OR BELOW 14000 AT SEAVU.
CHART MANDATORY 6000 AT DAHJR.
CHART MANDATORY 5000 AT TRNDO.

MAG VAR: **12E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.15 DA	**545**	**5000**	**422**	**545**	**5000**	**422**	**545**	**5000**	**422**	**545**	**5000**	**422**			
RNP 0.30 DA	**592**	**6000**	**469**	**592**	**6000**	**469**	**592**	**6000**	**469**	**592**	**6000**	**469**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (41F) OR ABOVE 54C (130F).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH KHHR.
CHART NOTE: GPS REQUIRED.
(CONTINUED ON PAGE 2)

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	**ELEVATION: 128 TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	AMDT: **1D** DATED **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HURLR	FNESE (TF) (FB) (RNP 1.00)	251.30 / 3.92	6000
FNESE	FAYZE (TF) (FB) (RNP 1.00)	251.19 / 3.20	5000
FAYZE	JULLI (TF) (FB) (RNP 1.00)	251.19 / 3.20	4000
JULLI (IF)	IFIJU (TF) (FB) (RNP 1.00)	251.16 / 6.74	2500
DAHJR (IF)	JABUB (TF) (FB) (RNP 1.00)	071.00 / 4.84	4500
JABUB	HADIO (RF) (FB) (RNP 1.00)	(2.16 NM RADIUS CW (CFVBQ))/3.39	3500
DARTS (IAF)	VAALE (TF) (FB) (RNP 1.00)	144.10 / 5.71	4700
VAALE (IF)	HADIO (TF) (FB) (RNP 1.00)	161.11 / 3.82	3500
HADIO	IFIJU (RF) (FB) (RNP 1.00)	(2.16 NM RADIUS CW (CFVBQ))/3.39	2500
TRNDO (IF)	GIRBE (TF) (FB) (RNP 1.00)	294.78 / 6.42	3100
GIRBE	IFIJU (RF) (FB) (RNP 1.00)	(2.90 NM RADIUS CCW (CFVBP))/2.21	2500
IFIJU	SUTIE (TF) (FB) (RNP 1.00)	251.07 / 1.17	2200
SUTIE (FAF)	RW24L (MAP) (TF) (FO) (RNP 0.30)	251.07 / 6.37	
RW24L (MAP)	JAKOS (TF) (FB) (RNP 1.00)	251.07 / 5.71	
JAKOS	RAFFS (TF) (FO) (RNP 1.00)	263.16 / 10.96	2000

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 3/8 SM.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT CRCUS, SEAVU: MAX 270 KIAS.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 128** **TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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CHART PLANVIEW NOTE AT DAHJR, TRNDO, VAALE: MAX 210 KIAS UNTIL IFIJU.
CHART PLANVIEW NOTE ADJACENT TO DAHJR, DARTS, TRNDO: RF REQUIRED.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 128** **TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PDZ VORTAC	DICEG (TF) (FB) (RNP 2.00)	076.29 / 9.40	5300
DICEG (IAF)	EYIRA (TF) (FB) (RNP 1.00)	348.12 / 7.90	4800
ACINS (IAF)	EYIRA (TF) (FB) (RNP 1.00)	297.02 / 11.51	5300
EYIRA (IF)	TESRE (TF) (FB) (RNP 1.00)	258.13 / 6.00	2900
TESRE (FAF)	REYOV/2.70 NM TO RW26L (TF) (FB) (RNP 0.30)	258.06 / 3.32	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26L

CLIMB TO 3700 DIRECT AXOYO AND ON TRACK 173.50 TO LAKVE AND ON TRACK 099.63 TO PDZ VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EYIRA
3. FAC: 258.06 FAF: TESRE DIST FAF TO MAP: 6.02 THLD: 6.02
4. MIN. ALT: EYIRA 4800, TESRE 2900, REYOV/2.70 NM TO RW26L 1840*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: TESRE 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.9 34:1 IS CLEAR
8. MSA FROM: RW26L 11300

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.00 INBOUND.
CHART FAS OBST: 1112 T-L TWR 340251N/1173203W
CHART: 1212 T-L TWR 340339N/1173128W
1860 AAO 340217N/1172721W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.19 NM TO RW26L*
*LNAV ONLY.
WAAS CHANNEL # 90407
REFERENCE PATH ID: W26B
CHART CIRCLING ICON.
LTP HAE: 249.1 M

MAG VAR: 12E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1126	2400	200	1126	2400	200	1126	2400	200	1126	2400	200			
LNAV/VNAV DA	1264	3000	338	1264	3000	338	1264	3000	338	1264	3000	338			
LNAV MDA	1380	2400	454	1380	2400	454	1380	4500	454	1380	4500	454			
CIRCLING	1400	1	456	1400	1	456	1500	1 1/2	556	1540	2	596			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NORTH OF RWY 8L-26R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACINS ON V283-587 SOUTHBOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
ONTARIO, CA	ELEVATION: 944 TDZE: 926 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26L, AMDT 2 27 APRIL 2017	AMDT: 1B DATED 05/26/2016

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
REYOV/2.70 NM TO RW26L	RW26L (MAP) (TF) (FO) (RNP 0.30)	258.06 / 2.70	
RW26L (MAP)	1126 MSL (CA)	258.06	
1126 MSL	AXOYO (DF) (FB) (RNP 1.00)		
AXOYO	LAKVE (TF) (FB) (RNP 1.00)	173.50 / 5.14	
LAKVE	PDZ VORTAC (TF) (FO) (RNP 1.00)	099.63 / 8.31	3700

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 130.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	**ELEVATION: 944** **TDZE: 926** AIRPORT NAME: **ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1B** DATED: **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KONT
RUNWAY	RW26L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26B
LTP/FTP LATITUDE	340317.8900N
LTP/FTP LONGITUDE	1173457.1885W
LTP/FTP ELLIPSOIDAL HEIGHT	+02491
FPAP LATITUDE	340317.8465N
FPAP LONGITUDE	1173658.4095W
THRESHOLD CROSSING HEIGHT (TCH)	00057.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	CE046C95

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02823
FPAP ORTHOMETRIC HEIGHT	+02823

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	ELEVATION: 944 TDZE: 926 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26L, AMDT 2 27 APRIL 2017	SUP: AMDT: 1B DATED: 05/26/2016

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PDZ VORTAC	DICEG (TF) (FB) (RNP 2.00)	076.29 / 9.40	5300
DICEG (IAF)	GORPE (TF) (FB) (RNP 1.00)	347.96 / 8.02	4800
ACINS (IAF)	GORPE (TF) (FB) (RNP 1.00)	297.40 / 11.60	4800
GORPE (IF)	SCRIM (TF) (FB) (RNP 1.00)	258.11 / 6.00	2900
SCRIM (FAF)	FOLNU/2.70 NM TO RW26R (TF) (FB) (RNP 0.30)	258.05 / 3.29	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26R

CLIMB TO 3700 DIRECT EGYAZ AND ON TRACK 173.33 TO LAKVE AND ON TRACK 099.63 TO PDZ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.00 INBOUND.
CHART FAS OBST: 1112 T-L TWR 340251N/1173203W
CHART: 1212 T-L TWR 340339N/1173128W
1780 AAO 340218N/1172723W
DISTANCE TO THLD FROM 200 HAT: 0.44 NM.
CHART VDP AT 1.17 NM TO RW26R*
*LNAV ONLY.
WAAS CHANNEL # 53406
REFERENCE PATH ID: W26A
CHART CIRCLING ICON.
LTP HAE: 250.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GORPE
3. FAC: 258.05 FAF: SCRIM DIST FAF TO MAP: 5.99 THLD: 5.99
4. MIN. ALT: GORPE 4800, SCRIM 2900, FOLNU/2.70 NM TO RW26R 1840*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: SCRIM 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.7 34:1 IS CLEAR
8. MSA FROM: RW26R 11300

MAG VAR: 12E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1132	2400	200	1132	2400	200	1132	2400	200	1132	2400	200			
LNAV/VNAV DA	1264	3000	332	1264	3000	332	1264	3000	332	1264	3000	332			
LNAV MDA	1380	2400	448	1380	2400	448	1380	4500	448	1380	4500	448			
CIRCLING	1400	1	456	1400	1	456	1500	1 1/2	556	1540	2	596			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NORTH OF RWY 8L-26R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACINS ON V283-587 SOUTHBOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
ONTARIO, CA	ELEVATION: 944 TDZE: 932 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26R, AMDT 2 27 APRIL 2017	SUP: AMDT: 1B DATED 05/26/2016

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FOLNU/2.70 NM TO RW26R	RW26R (MAP) (TF) (FO) (RNP 0.30)	258.05 / 2.70	
RW26R (MAP)	1132 MSL (CA)	258.05	
1132 MSL	EGYAZ (DF) (FB) (RNP 1.00)		
EGYAZ	LAKVE (TF) (FB) (RNP 1.00)	173.33 / 5.25	
LAKVE	PDZ VORTAC (TF) (FO) (RNP 1.00)	099.63 / 8.31	3700

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 130.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	**ELEVATION: 944** **TDZE: 932** AIRPORT NAME: **ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26R, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1B** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 944 TDZE: 932 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONTARIO, CA	**ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26R, AMDT 2** 27 APRIL 2017	AMDT: **1B** DATED: **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KONT
RUNWAY	RW26R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	340324.8150N
LTP/FTP LONGITUDE	1173457.1900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02508
FPAP LATITUDE	340324.7540N
FPAP LONGITUDE	1173722.1460W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	F13D66C1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02840
FPAP ORTHOMETRIC HEIGHT	+02840

QUALITY 16 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALS VORTAC	RODDS INT/ALS 14.02 DME	219.00 / 14.02	12200
LYSSA/ALS 14.02 DME CW (IAF)	RODDS INT/ALS 14.02 DME (NOPT)	14.02 DME ARC (ALS LR-210)	12200
WAPRE INT/ALS 20.00 DME (IAF)	RODDS INT/ALS 14.02 DME (NOPT)	039.00 / 5.98 (ALS R-219)	12200
RODDS INT/ALS 14.02 DME (IF/IAF)	KROWZ INT	022.76 / 7.84 (I-VQR)	9800
KROWZ INT	BREZE INT	022.76 / 2.30 (I-VQR)	9300

MISSED APPROACH

ILS: DA
LOC: 5.38 NM AFTER BREZE INT

CLIMB TO 8700 THEN CLIMBING RIGHT TURN TO 10000 DIRECT ALS VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 142.00 INBOUND.
CHART FAS OBST: 7554 ANT 372519N/1055235W
CHART ALS R-173 AT LYSSA.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW RODDS, RT, 039.00 INBOUND, 12200 FT. IN LIEU OF PT (IAF)**
3. FAC: **022.76** FAF: **BREZE INT** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **RODDS 12200, KROWZ 9800, BREZE 9300, XOGSY INT 8040***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **948**
6. MIN GS INCPT: **9300** GS ALT AT: **BREZE 9300** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **48.1**
8. MSA FROM: **ALS VORTAC 340-070 15600, 070-160 13300, 160-250 12600, 250-340 13800**

MAG VAR: **9E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 02	7739	1/2	200	7739	1/2	200	7739	1/2	200	7739	1/2	200			
S-LOC 02	8040	1/2	501	8040	1/2	501	8040	1	501	8040	1	501			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			
XOGSY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 02	7820	1/2	281	7820	1/2	281	7820	1/2	281	7820	1/2	281			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			

NOTES:
***LOC ONLY**
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 2 CATS C/D VISIBILITY TO 1 3/8 SM.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALAMOSA, CO	**SAN LUIS VALLEY RGNL/BERGMAN FIELD**	**I-VQR**	**ILS OR LOC RWY 2, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED **03/12/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALS VORTAC	RODDS (TF) (FO) (RNP 2.00)	223.00 / 14.02	12200
ZOTOS	VEPUY (TF) (FB) (RNP 2.00)	294.87 / 8.43	12200
VEPUY (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	337.58 / 8.37	12200
GEMKY (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	085.89 / 12.75	12200
WAPRE (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	042.80 / 5.98	12200
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

CLIMB TO 10500 DIRECT JADGU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW RODDS, RT, 022.66 INBOUND, 12200 FT. IN LIEU OF PT (IAF)**
3. FAC: **022.72** FAF: **BREZE** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **RODDS 12200, KROWZ 9800, BREZE 9300, XOGSY/1.50 NM TO RW02 8060***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **9300** GS ALT AT: **BREZE 9300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **48.1** **34:1 IS CLEAR**
8. MSA FROM: **RW02 15600**

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 154.85 INBOUND.
CHART FAS OBST: 7584 TOWER 372536N/1055222W
DISTANCE TO THLD FROM 200 HAT: 0.48 NM.
CHART VDP AT 0.79 NM TO RW02*
***LNAV ONLY.**
WAAS CHANNEL # 90410
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
LTP HAE: 2281.2 M

MAG VAR: **9E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	7739	1/2	200	7739	1/2	200	7739	1/2	200	7739	1/2	200			
LNAV/VNAV DA	7789	1/2	250	7789	1/2	250	7789	1/2	250	7789	1/2	250			
LNAV MDA	7840	1/2	301	7840	1/2	301	7840	1/2	301	7840	1/2	301			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -29C (-20F) OR ABOVE 44C (111F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CATS C/D VISIBILITY TO 7/8 SM.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALAMOSA, CO	**ELEVATION: 7539 TDZE: 7539** AIRPORT NAME: **SAN LUIS VALLEY RGNL/BERGMAN FIELD**	**RNAV**	**RNAV (GPS) RWY 2, AMDT 1** 27 APRIL 2017	AMDT: **ORIG** DATED **03/12/2009**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RODDS (IF/IAF)	KROWZ (TF) (FB) (RNP 1.00)	022.66 / 7.84	9800
KROWZ	BREZE (TF) (FB) (RNP 1.00)	022.71 / 2.30	9300
BREZE (FAF)	XOGSY/1.50 NM TO RW02 (TF) (FB) (RNP 0.30)	022.72 / 3.88	
XOGSY/1.50 NM TO RW02	RW02 (MAP) (TF) (FO) (RNP 0.30)	022.72 / 1.50	
RW02 (MAP)	7739 MSL	022.72	
7739 MSL	JADGU (DF) (FO) (RNP 1.00)		10500

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALAMOSA, CO	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME: SAN LUIS VALLEY RGNL/BERGMAN FIELD	RNAV	RNAV (GPS) RWY 2, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG DATED: 03/12/2009

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALS
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	372530.6590N
LTP/FTP LONGITUDE	1055232.1500W
LTP/FTP ELLIPSOIDAL HEIGHT	+22812
FPAP LATITUDE	372646.5050N
FPAP LONGITUDE	1055133.2570W
THRESHOLD CROSSING HEIGHT (TCH)	00048.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0152
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	061B7E43

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+22979
FPAP ORTHOMETRIC HEIGHT	+22979

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALAMOSA, CO	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME: SAN LUIS VALLEY RGNL/BERGMAN FIELD	RNAV	RNAV (GPS) RWY 2, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG DATED: 03/12/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	WIKIN (TF) (FO) (RNP 2.00)	355.13 / 11.07	1500
WIKIN (IF/IAF)	SETUE (TF) (FB) (RNP 1.00)	175.58 / 6.17	1500
SETUE (FAF)	RW17 (MAP) (TF) (FO) (RNP 0.30)	175.59 / 4.43	
RW17 (MAP)	416 MSL (CA)	175.59	
416 MSL	PASAE (DF) (FO) (RNP 1.00)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 2000 DIRECT PASAE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N WIKIN, LT, 175.58 INBOUND, 1500 FT. IN LIEU OF PT (IAF)**
3. FAC: **175.59** FAF: **SETUE** DIST FAF TO MAP: **4.43** THLD: **4.43**
4. MIN. ALT: **WIKIN 1500, SETUE 1500**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1500** GS ALT AT: **SETUE 1500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **55.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW17 2600**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.60 INBOUND.
CHART FAS OBST: 100 TREE 264756N/0804139W
DISTANCE TO THLD FROM 400 HAT: 1.08 NM.
WAAS CHANNEL # 53408
REFERENCE PATH ID: W17A
CHART PALM BEACH INTL ASOS, 119.975
LTP HAE: -20.5 M

MAG VAR: **2W** EPOCH YEAR: **1980**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**			
LNAV/VNAV DA	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**			
LNAV MDA	**440**	**1**	**424**	**440**	**1**	**424**	**440**	**1 1/4**	**424**	**440**	**1 1/4**	**424**			
CIRCLING	**580**	**1**	**564**	**580**	**1**	**564**	**580**	**1 1/2**	**564**	**580**	**2**	**564**			

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: RWY 17 HELICOPTER VISIBLITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 16 TDZE: 16 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAHOKEE, FL	**PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A** 27 APRIL 2017	AMDT: **ORIG**
				DATED **09/25/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 342 CW 010.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE: 16** AIRPORT NAME: **PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A** 27 APRIL 2017	SUP: AMDT: **ORIG** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	264725.3960N
LTP/FTP LONGITUDE	0804138.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264556.6000N
FPAP LONGITUDE	0804127.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	78EE94D7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00048
FPAP ORTHOMETRIC HEIGHT	+00048

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	PASAE (TF) (FO) (RNP 2.00)	176.06 / 10.71	1500
THNDR	PASAE (TF) (FO) (RNP 2.00)	099.30 / 10.61	1500
HEDLY (IAF)	PASAE (NOPT) (TF) (FB) (RNP 1.00)	290.34 / 4.18	1500
PASAE (IF/IAF)	HOREP (TF) (FB) (RNP 1.00)	355.60 / 6.10	1500
HOREP (FAF)	RW35 (MAP) (TF) (FO) (RNP 0.30)	255.59 / 4.43	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2000 DIRECT WIKIN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 175.58 INBOUND.
CHART FAS OBST: 143 TOWER 264631N/0804124W
CHART FAS OBST: 213 TOWER 264324N/0803959W
DISTANCE TO THLD FROM 518 HAT: 1.46 NM.
WAAS CHANNEL # 56408
REFERENCE PATH ID: W35A
CHART: 304 TOWER 264244.00N/0804058.00W
CHART PALM BEACH INTL ASOS, 119.975.
LTP HAE: -20.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PASAE, RT, 355.60 INBOUND, 1500 FT. IN LIEU OF PT (IAF)
3. FAC: 355.59 FAF: HOREP DIST FAF TO MAP: 4.43 THLD: 4.43
4. MIN. ALT: PASAE 1500, HOREP 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: HOREP 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 2600

MAG VAR: 2W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	534	1 3/4	518	534	1 3/4	518	534	1 3/4	518	534	1 3/4	518			
LNAV/VNAV DA	519	1 3/4	503	519	1 3/4	503	519	1 3/4	503	519	1 3/4	503			
LNAV MDA	580	1	564	580	1	564	580	1 1/2	564	580	1 3/4	564			
CIRCLING	580	1	564	580	1	564	580	1 1/2	564	580	2	564			

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.
(CONTINUED ON PAGE 2)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 16 TDZE: 16 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAHOKEE, FL	PALM BEACH CO GLADES	RNAV	RNAV (GPS) RWY 35, ORIG-A 27 APRIL 2017	AMDT: ORIG DATED 09/25/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35 (MAP)	416 MSL (CA)	355.59	
416 MSL	WIKIN (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 115 CW 211.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT THNDR VIA V-157-511-599 NORTHWEST BOUND.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE: 16** AIRPORT NAME: **PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 35, ORIG-A** 27 APRIL 2017	SUP: AMDT: **ORIG** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	264646.3810N
LTP/FTP LONGITUDE	0804133.6020W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264815.1800N
FPAP LONGITUDE	0804144.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1512
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7908AF1A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00047
FPAP ORTHOMETRIC HEIGHT	+00047

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	**JATEL/PHK 5.00 DME**	**002.15 / 5.00**	**2000**
MODOE/PHK 10.00 DME (IAF)	**JATEL/PHK 5.00 DME (NOPT)**	**182.15 / 5.00**	**2000**

MISSED APPROACH

MAP: DUDGE/PHK 0.47 DME

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 ON PHK R-002 TO JATEL/5.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 95 TWR 264831N/0804114W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N JATEL, LT, 182.15 INBOUND, 2000 FT. IN LIEU OF PT (IAF)**
3. FAC **182.15** FAF **JATEL/PHK 5.00 DME** DIST FAF TO MAP ____ THLD ____
4. MIN. ALT **JATEL 2000**
8. MSA FROM: **PHK VOR/DME 2600**

MAG VAR: **0E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**580**	**1**	**564**	**580**	**1**	**564**	**580**	**1 1/2**	**564**	**580**	**2**	**564**			

NOTES:

CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE:** AIRPORT NAME: **PALM BEACH CO GLADES**	**PHK**	**VOR/DME-A, ORIG-A** 27 APRIL 2017	SUP AMDT **ORIG** DATE **08/08/2002**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	IVETY (TF) (FB) (RNP 2.00)	035.44 / 25.37	3000
IVETY (IAF)	PETNE (TF) (FB) (RNP 1.00)	026.18 / 5.90	2000
SHEDS (IAF)	PETNE (TF) (FB) (RNP 1.00)	116.88 / 9.54	2000
PETNE (IF)	MAINR (TF) (FB) (RNP 1.00)	116.20 / 6.00	1600
MAINR (FAF)	ZEVPU/1.60 NM TO RW12 (TF) (FB) (RNP 0.30)	116.22 / 3.25	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 2000 DIRECT LEBAN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 333.00 INBOUND.
CHART: W-497B
CHART FAS OBST: 157 TOWER 271128N/0801449W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
WAAS CHANNEL # 70516
REFERENCE PATH ID: W12A
LTP HAE: -23 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PETNE
3. FAC: 116.22 FAF: MAINR DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: PETNE 2000, MAINR 1600, ZEVPU/1.60 NM TO RW12 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: MAINR 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 2600

MAG VAR: 6W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	266	7/8	250	266	7/8	250	266	7/8	250	266	7/8	250			
LNAV/VNAV DA	449	1 1/2	433	449	1 1/2	433	449	1 1/2	433	449	1 1/2	433			
LNAV MDA	420	1	404	420	1	404	420	1 1/8	404	420	1 1/8	404			
CIRCLING	480	1	464	480	1	464	480	1 1/2	464	580	2	564			

NOTES:
CHART NOTE: CIRCLING TO RWY 07 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING PALM BEACH INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4C (40F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 16 TDZE: 16 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STUART, FL	WITHAM FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1B 27 APRIL 2017	AMDT: 1A DATED 06/26/2014

QUALITY 4 CHECKED

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZEVPU/1.60 NM TO RW12	RW12 (MAP) (TF) (FO) (RNP 0.30)	116.22 / 1.60	
RW12 (MAP)	266 MSL (CA)	116.22	
266 MSL	LEBAN (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS ON V531 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 342 CW 010.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUA
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	271053.9275N
LTP/FTP LONGITUDE	0801348.2725W
LTP/FTP ELLIPSOIDAL HEIGHT	-00230
FPAP LATITUDE	271022.9800N
FPAP LONGITUDE	0801214.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	530B575D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00045
FPAP ORTHOMETRIC HEIGHT	+00045

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
STUART, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: WITHAM FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1B 27 APRIL 2017	SUP: AMDT: 1A DATED: 06/26/2014

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BOBIO (IAF)	YIGBO (TF) (FB) (NOPT) (RNP1.00)	095.99 / 21.51	2500
PHK VOR/DME (IAF)	YIGBO INT/I-GHO 13.16 DME (NOPT)	078.46 / 12.87	2500
YIGBO INT/I-GHO 13.16 DME (IF/IAF)	AZCID INT/I-GHO 5.62 DME	089.35 / 7.54 (I-GHO)	1600

MISSED APPROACH

ILS: DA
LOC: 4.82 NM AFTER AZCID INT/I-GHO 5.62 DME OR AT I-GHO 0.80 DME

CLIMB TO 2000 ON HEADING 030 AND PBI VORTAC R-343 TO MORGA INT/PBI 17.81 DME AND HOLD.

ALTERNATE MA (DO NOT CHART): , OR AS DIRECTED BY ATC. CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 240 AND PHK VOR/DME R-078 TO YIGBO INT/I-GHO 13.16 DME/RADAR.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 343.24 INBOUND.
CHART FAS OBST: 104 TREE 265041N/0801506W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W YIGBO, RT, 089.35 INBOUND, 2500 FT. IN LIEU OF PT (IAF)**
3. FAC: **089.35** FAF: **AZCID INT/I-GHO 5.62 DME** DIST FAF TO MAP: **4.82** THLD: **4.82**
4. MIN. ALT: **YIGBO 2500, AZCID 1600, XEJZI/I-GHO 2.20 DME 480***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **822**
6. MIN GS INCPT: **1600** GS ALT AT: **AZCID 1600** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **43.9**
8. MSA FROM: **PBI VORTAC 2600**

MAG VAR: **4W** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 08R	272	3/4	250	272	3/4	250	272	3/4	250	272	3/4	250			
S-LOC 08R	480	1	458	480	1	458	480	1 3/8	458	480	1 3/8	458			
CIRCLING	480	1	458	480	1	458	480	1 1/2	458	680	2	658			
XEJZI FIX MINIMUMS															
S-LOC 08R	420	1	398	420	1	398	420	1 1/8	398	420	1 1/8	398			
CIRCLING	460	1	438	480	1	458	480	1 1/2	458	680	2	658			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13 AND RWY 31 NA AT NIGHT.
CHART PLANVIEW NOTE ADJACENT TO BOBIO IAF: GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
***LOC ONLY, 520 WHEN USING PALM BEACH INTL ALTIMETER SETTING.**
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 22 TDZE: 22 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST PALM BEACH, FL	**NORTH PALM BEACH COUNTY GENERAL AVIATION**	**I-GHO**	**ILS OR LOC RWY 8R, AMDT 1B** 27 APRIL 2017	AMDT: **1A** DATED **12/11/2014**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET; INCREASE S-ILS 8R ALL CATS VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE; INCREASE XEJZI FIX MINIMUMS S-LOC 8R CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22 TDZE: 22** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**I-GHO**	**ILS OR LOC RWY 8R, AMDT 1B** 27 APRIL 2017	QUALITY CHECKED SUP: 4 AMDT: **1A** DATED: **12/11/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	WYNER (TF) (FB) (RNP 2.00)	060.62 / 15.95	1500
YATUR	WUSIX (TF) (FB) (RNP 2.00)	138.42 / 13.35	1800
WYNER (IAF)	SPOUN (TF) (FB) (RNP 1.00)	060.72 / 5.00	1500
WUSIX (IAF)	SPOUN (TF) (FB) (RNP 1.00)	138.48 / 5.00	1500
SPOUN (IF)	ZETAP (TF) (FB) (RNP 1.00)	139.29 / 6.10	1500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 2300 DIRECT YADUD AND ON TRACK 065.63 TO WOPDU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT SPOUN**
3. FAC: **139.31** FAF: **ZETAP** DIST FAF TO MAP: **4.43** THLD: **4.43**
4. MIN. ALT: **SPOUN 1500, ZETAP 1500, UYORA/1.80 NM TO RW13 640***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1500** GS ALT AT: **ZETAP 1500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW13 2600**

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 269.45 INBOUND.
CHART FAS OBST: 83 TREE 265115N/0801353W
CHART 149 TOWER 265251N/0801431W.
CHART R-2936.
DISTANCE TO THLD FROM 302 HAT: 0.79 NM.
WAAS CHANNEL # 40310
REFERENCE PATH ID: W13A
LTP HAE: -20 M

MAG VAR: **4W** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**324**	**1**	**303**	**324**	**1**	**303**	**324**	**1**	**303**	**324**	**1**	**303**			
LNAV/VNAV DA	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**			
LNAV MDA	**380**	**1**	**359**	**380**	**1**	**359**	**380**	**1**	**359**	**380**	**1 1/4**	**359**			
CIRCLING	**460**	**1**	**438**	**480**	**1**	**458**	**480**	**1 1/2**	**458**	**680**	**2**	**658**			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING PALM BEACH INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 002 CW 115.
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 22 TDZE: 21 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST PALM BEACH, FL	**NORTH PALM BEACH COUNTY GENERAL AVIATION**	**RNAV**	**RNAV (GPS) RWY 13, ORIG-B** 27 APRIL 2017	**4** AMDT: **ORIG-A** DATED **03/12/2009**

QUALITY CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZETAP (FAF)	UYORA/1.80 NM TO RW13 (TF) (FB) (RNP 0.30)	139.31 / 2.63	
UYORA/1.80 NM TO RW13	RW13 (MAP) (TF) (FO) (RNP 0.30)	139.31 / 1.80	
RW13 (MAP)	324 MSL (CA)	139.31	
324 MSL	YADUD (DF) (FB) (RNP 1.00)		
YADUD	WOPDU (TF) (FO) (RNP 1.00)	065.63 / 8.67	2300

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

***LNAV ONLY**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET AND INCREASE LPV ALL CATS VISIBILITY AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22** **TDZE: 21** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**RNAV**	**RNAV (GPS) RWY 13, ORIG-B** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **03/12/2009**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	F45
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	265059.7130N
LTP/FTP LONGITUDE	0801337.2130W
LTP/FTP ELLIPSOIDAL HEIGHT	-00200
FPAP LATITUDE	264956.1800N
FPAP LONGITUDE	0801227.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FFC20E84

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00065
FPAP ORTHOMETRIC HEIGHT	+00065

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PBI VORTAC	**DUFUS INT/PHK VOR/DME 20.52 DME**	**309.73 / 15.17**	**1600**
PHK VOR/DME (IAF)	**GOBBL INT/PHK VOR/DME 12.80 DME (NOPT)**	**083.00 / 12.80**	**1500**
GOBBL INT/PHK VOR/DME 12.80 DME (IF)	**DUFUS INT/PHK VOR/DME 20.52 DME**	**083.00 / 7.72**	**1500**

MISSED APPROACH

MAP: 4.67 NM AFTER DUFUS INT OR AT PHK VOR/DME R-083/25.19 DME

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 VIA PBI VORTAC R-343 TO MORGA INT/PBI 17.81 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 343.24 INBOUND.
CHART FAS OBST: 354 TWR (10-1522) 265108N/0801735W
DUFUS TO RW8R: 2.90/40.
FAC IS A FLIGHT CHECK VALUE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W DUFUS, RT, 083.00 INBOUND, 1500 FT. IN LIEU OF PT (IAF)**
3. FAC **083.00** FAF **DUFUS INT/PHK VOR/DME 20.52 DME** DIST FAF TO MAP **4.67** THLD **4.67**
4. MIN. ALT **DUFUS 1500**
8. MSA FROM: **PHK VOR/DME 2600**

MAG VAR: **0E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-08R	**700**	**1**	**678**	**700**	**1 1/4**	**678**	**700**	**2**	**678**	**700**	**2 1/4**	**678**			
CIRCLING	**700**	**1**	**678**	**700**	**1 1/4**	**678**	**700**	**2**	**678**	**700**	**2 1/4**	**678**			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22 TDZE: 22** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**PHK**	**VOR RWY 8R, AMDT 1C** 27 APRIL 2017	SUP AMDT **1B** DATE **07/29/2010**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	LMORE (TF) (FB) (RNP 2.00)	131.55 / 17.66	2600
LMORE (IAF)	ZOTUB (NOPT) (TF) (FB) (RNP 1.00)	102.08 / 7.82	2600
ARKES (IAF)	ZOTUB (NOPT) (TF) (FB) (RNP 1.00)	086.89 / 7.51	2600
ZOTUB (IF/IAF)	KUVBE (TF) (FB) (RNP 1.00)	097.87 / 3.43	2200
KUVBE (FAF)	YEGUP/2.60 NM TO RW09 (TF) (RNP 0.30)	097.89 / 4.13	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW09

CLIMBING RIGHT TURN TO 2000 DIRECT UGLEE AND HOLD. DO NOT EXCEED 210 KIAS UNTIL TURN COMPLETION.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.00 INBOUND.
CHART FAS OBST: 158 TREE 263549N/0800521W
CHART: 1314 TOWER 263521N/0801243W
KUVBE TO RW09: 3.00/45.1.
CHART CIRCLING ICON.
FAC CROSSES RWY 09 THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W ZOTUB, RT, 097.87 INBOUND, 2600 FT. IN LIEU OF PT (IAF)**
3. FAC: **097.89** FAF: **KUVBE** DIST FAF TO MAP: **6.73** THLD: **6.73**
4. MIN. ALT: **ZOTUB 2600, KUVBE 2200, YEGUP/2.60 NM TO RW09 880**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: **RW09 2600**

MAG VAR: **6W** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**460**	**1**	**446**	**580**	**1**	**566**	**660**	**1 3/4**	**646**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARKES ON V159 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 115 CW 211.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 14 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: / AMDT: / DATED
WEST PALM BEACH, FL	**PALM BEACH COUNTY PARK**	**RNAV**	**RNAV (GPS)-A, ORIG-A** 27 APRIL 2017	**ORIG** **08/22/2013**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YEGUP/2.60 NM TO RW09	RW09 (MAP) (TF) (FO) (RNP 0.30)	097.89 / 2.60	
RW09 (MAP)	414 MSL (CA)	097.89	
414 MSL	UGLEE (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING: INCREASE ALL MDA 20 FEET.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: PROCEDURE NA AT NIGHT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 14** **TDZE:** AIRPORT NAME: **PALM BEACH COUNTY PARK**	**RNAV**	**RNAV (GPS)-A, ORIG-A** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG** DATED: **08/22/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COMAR (IAF)	ADETE (TF) (FB) (RNP 1.00)	094.69 / 15.32	3800
ADETE	ROLTE INT/GQO 7.56 DME/RADAR (TF) (FB) (RNP 1.00)	099.26 / 14.15	2900
GQO VORTAC (IAF)	ROLTE INT/GQO 7.56 DME/RADAR (TF) (FB) (RNP 1.00)	131.57 / 7.56	2900
ROLTE INT/GQO 7.56 DME/RADAR (IF)	EWADA/GQO 13.75 DME/RADAR	140.46 / 6.20 (I-DNN)	2600

MISSED APPROACH

ILS: DA
LOC: 5.78 NM AFTER EWADA/GQO 13.75 DME/RADAR OR AT GQO 19.53 DME

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 300 AND GQO VORTAC R-144 TO GQO VORTAC AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 4000 ON HEADING 140 AND RIGHT TURN ON RMG R-024 TO RMG VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 332.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S RMG VORTAC, LT, 349.00 INBOUND.
FAS OBST: 1069 AAO 344619N/0845536W
1122 AAO 344745N/0845821W
CHART VDP AT 18.23 DME*
DISTANCE VDP TO THLD 1.30 NM.
***LOC ONLY.**
CHART IN PLANVIEW: RMG VORTAC.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ROLTE INT/GQO 7.56 DME/RADAR**
3. FAC: **140.46** FAF: **EWADA/GQO 13.75 DME/RADAR** DIST FAF TO MAP: **5.78** THLD: **5.78**
4. MIN. ALT: **ROLTE 2900, EWADA 2600**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1042**
6. MIN GS INCPT: **2600** GS ALT AT: **-** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **50.3**
8. MSA FROM: **GQO VORTAC 060-150 5400, 150-060 3600**

MAG VAR: **3W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: #** | **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 14	959	3/4	250	959	3/4	250	959	3/4	250	959	3/4	250			
S-LOC 14	1320	3/4	611	1320	3/4	611	1320	1 3/8	611	1320	1 3/8	611			
CIRCLING	1320	1	611	1320	1	611	1320	1 3/4	611	1420	2	711			

NOTES:
CHART PLANVIEW NOTE ADJACENT TO COMAR: RNAV 1-GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 32 NA AT NIGHT.
CHART PLANVIEW NOTE ADJACENT TO GQO VORTAC: RNAV 1-GPS OR RADAR OR DME REQUIRED.
(CONTINUED ON PAGE 2)

#@ NA WHEN CHA APP CON CLOSED.
 # CAT A, B, C 700-2, CAT D 800-2

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALTON, GA	**ELEVATION: 709 TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED **02/06/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: DME FROM GQO VORTAC. SIMULTANEOUS RECEPTION OF I-DNN AND GQO DME REQUIRED.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED: **02/06/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED: **02/06/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZULIP (IAF)	ROLTE (NOPT) (TF) (FB) (RNP 1.00)	230.42 / 6.74	3800
JETAL (IAF)	ROLTE (NOPT) (TF) (FB) (RNP 1.00)	050.31 / 6.74	3800
ROLTE (IF/IAF)	EWADA (TF) (FB) (RNP 1.00)	140.37 / 6.20	2600
EWADA (FAF)	HRVEY/2.10 NM TO RW14 (TF) (FB) (RNP 0.30)	140.42 / 3.68	
HRVEY/2.10 NM TO RW14	RW14 (MAP) (TF) (FO) (RNP 0.30)	140.42 / 2.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 4500 DIRECT ONUTE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ROLTE, RT, 140.37 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 140.42 FAF: EWADA DIST FAF TO MAP: 5.78 THLD: 5.78
4. MIN. ALT: ROLTE 3800, EWADA 2600, HRVEY/2.10 NM TO RW14 1420*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: EWADA 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.3 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 320.55 INBOUND.
CHART FAS OBST: 909 TREE 344443N/0845433W
CHART: 1146 TOWER 344721N/0845811W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.24 NM TO RW14*
*LNAV ONLY.
WAAS CHANNEL # 65801
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 186.2 M

MAG VAR: 3W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	959	3/4	250	959	3/4	250	959	3/4	250	959	3/4	250			
LNAV/VNAV DA	1173	1 1/8	464	1173	1 1/8	464	1173	1 1/8	464	1173	1 1/8	464			
LNAV MDA	1160	3/4	451	1160	3/4	451	1160	7/8	451	1160	7/8	451			
CIRCLING	1220	1	511	1220	1	511	1260	1 1/2	551	1420	2 1/4	711			

NOTES:
CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT. @ CAT D 800-2 1/4
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
(CONTINUED ON PAGE 2)

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 709 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 14, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-B DATED 07/29/2010

QUALITY 4 QUALIFIED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW14 (MAP)	959 MSL	140.42	
959 MSL	ONUTE (DF) (FO) (RNP 1.00)		4500

NOTES, (CONT.):

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

TAA

	FROM	TO	ALT
1.	050/30 CW 230/30 (NOPT)	050/8 CW 230/8	4700
2.	050/8 CW 230/8	ROLTE (IF/IAF) (FB)	3800
3.	230/30 CW 320/30	230/8 CW 320/8	5800
4.	230/8 CW 320/8	ZULIP (IAF) (FB)	3800
5.	320/30 CW 050/30	320/8 CW 050/8	4500
6.	320/8 CW 050/8	JETAL (IAF) (FB)	3800

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **07/29/2010**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **07/29/2010**

QUALITY 4 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDNN
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	344342.6070N
LTP/FTP LONGITUDE	0845235.1285W
LTP/FTP ELLIPSOIDAL HEIGHT	+01862
FPAP LATITUDE	344236.8420N
FPAP LONGITUDE	0845122.0580W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	97F161B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02157
FPAP ORTHOMETRIC HEIGHT	+02157

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 709 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 14, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-B DATED: 07/29/2010

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUNIC (IAF)	ONUTE (NOPT) (TF) (FB) (RNP 1.00)	050.50 / 6.74	4500
UTAZO (IAF)	ONUTE (NOPT) (TF) (FB) (RNP 1.00)	230.61 / 6.74	4500
ONUTE (IF/IAF)	HIXOT (TF) (FB) (RNP 1.00)	320.55 / 6.25	2600
HIXOT (FAF)	JEGTI/1.90 NM TO RW32 (TF) (FB) (RNP 0.30)	320.51 / 3.85	
JEGTI/1.90 NM TO RW32	RW32 (MAP) (TF) (FO) (RNP 0.30)	320.51 / 1.90	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW32

CLIMB TO 3800 DIRECT ROLTE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 140.37 INBOUND.
CHART FAS OBST: 907 TREE 344254N/0845121W
CHART VDP AT 1.29 NM TO RW32.
CHART CIRCLING ICON.
HIXOT TO RW32: 3.05/50.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ONUTE, LT, 320.55 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 320.51 FAF: HIXOT DIST FAF TO MAP: 5.75 THLD: 5.75
4. MIN. ALT: ONUTE 4500, HIXOT 2600, JEGTI/1.90 NM TO RW32 1340
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1160	1	456	1160	1	456	1160	1 3/8	456	1160	1 3/8	456			
CIRCLING	1220	1	511	1220	1	511	1260	1 1/2	551	1420	2 1/4	711			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

@ CAT D 800-2 1/4

CITY AND STATE	ELEVATION: 709 TDZE: 704 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALTON, GA	DALTON MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED 07/29/2010

QUALITY 4 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW32 (MAP)	1109 MSL	320.51	
1109 MSL	ROLTE (DF) (FO) (RNP 1.00)		3800

TAA

	FROM	TO	ALT
1.	231/30 CW 051/30 (NOPT)	231/5 CW 051/5	5700
2.	231/5 CW 051/5	ONUTE (IF/IAF) (FB)	4500
3.	051/30 CW 141/30	RUNIC (IAF) (FB)	4500
4.	141/30 CW 231/30	141/8 CW 231/8	5800
5.	141/8 CW 231/8	UTAZO (IAF) (FB)	4500

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 704 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 07/29/2010

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 704** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **07/29/2010**

QUALITY 4 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
DALTON, GA	DALTON MUNI	27 APRIL 2017	5

TAKEOFF MINIMUMS:

RWY 14: 300-1 AND 211 FT PER NM TO 2800 OR STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1000 OR 2300-3 FOR VCOA.

RWY 32: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 14, CLIMB HEADING 140.46 TO 2800 BEFORE TURNING LEFT.

RWY 32, CLIMB HEADING 320.46 TO 2000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 14, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS DALTON MUNI AT OR ABOVE 2900 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREE 117 FT FROM DER, 428 FT LEFT OF CENTERLINE, 695 FT MSL. TREE 123 FT FROM DER, 428 FT LEFT OF CENTERLINE, 699 FT MSL. TREES BEGINNING 1356 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 737 FT MSL. TREES BEGINNING 1559 FT FROM DER, 90 FT LEFT OF CENTERLINE, UP TO 741 FT MSL. TREE 1684 FT FROM DER, 91 FT RIGHT OF CENTERLINE, 746 FT MSL. TREES BEGINNING 1752 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 760 FT MSL. TREES BEGINNING 1781 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 744 FT MSL. TREES BEGINNING 1903 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 768 FT MSL. TREES BEGINNING 2110 FT FROM DER, 778 FT LEFT OF CENTERLINE, UP TO 794 FT MSL. TREES BEGINNING 2320 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 858 FT MSL. TREES AND BLDG BEGINNING 2444 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 904 FT MSL.

NOTE: RWY 32, TREE 674 FT FROM DER, 549 FT RIGHT OF CENTERLINE, 739 FT MSL. TREES BEGINNING 843 FT FROM DER, 514 FT RIGHT OF CENTERLINE, UP TO 740 FT MSL. TREE 1076 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 751 FT MSL. TREE 1137 FT FROM DER, 673 FT LEFT OF CENTERLINE, 758 FT MSL. BLDG AND TREES BEGINNING 1302 FT FROM DER, 507 FT LEFT OF CENTERLINE, UP TO 773 FT MSL. TREE 1762 FT FROM DER, 920 FT LEFT OF CENTERLINE, 802 FT MSL. TREE 1840 FT FROM DER, 903 FT LEFT OF CENTERLINE, 804 FT MSL. TREES BEGINNING 1853 FT FROM DER, 659 FT LEFT OF CENTERLINE, UP TO 806 FT MSL. TREE 2309 FT FROM DER, 383 FT RIGHT OF CENTERLINE, 767 FT MSL. TREES BEGINNING 2433 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 813 FT MSL. TREE 2759 FT FROM DER, 148 FT RIGHT OF CENTERLINE, 777 FT MSL. TREES BEGINNING 3262 FT FROM DER, 708 FT LEFT OF CENTERLINE, UP TO 830 FT MSL. TREES BEGINNING 3334 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 808 FT MSL. TREES BEGINNING 3339 FT FROM DER, 709 FT LEFT OF CENTERLINE, UP TO 831 FT MSL. TREES BEGINNING 3683 FT FROM DER, 973 FT LEFT OF CENTERLINE, UP TO 832 FT MSL. TREES BEGINNING 3881 FT FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 836 FT MSL. TREE 4129 FT FROM DER, 440 FT RIGHT OF CENTERLINE, 812 FT MSL. TREES BEGINNING 4325 FT FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 837 FT MSL. TREE 4375 FT FROM DER, 1292 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 4391 FT FROM DER, 292 FT LEFT OF CENTERLINE, UP TO 854 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 904 FT MSL TREE 344252.30N/0845120.83W (CLIMB GRADIENT/CLIMB TO ALTITUDE/CEILING). 869 FT MSL TREE 344235.21N/0845106.51W (VISIBILITY).

VCOA: 1099 MSL AAO 344700.00N/0845333.00W. 4205 MSL AAO 345151.70N/0843742.34W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 3098 MSL TOWER 344502.30N/0844252.70W.
RWY 32, 1949 MSL TOWER 344359.00N/0850105.00W. 4205 MSL AAO 345151.70N/0843742.34W

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
DALTON, GA	DALTON MUNI	27 APRIL 2017	5

REMARKS:
APPROVAL LETTER ON REQUEST WITH FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION (AFS-460) FOR 675 FT PER NM CLIMB GRADIENT TO 1000.
REQUEST FLIGHT CHECK 4D ACCURACY CODE VERIFICATION FOR 3098 MSL TOWER 344502.30N/0844252.70W.
ATC PREFERRED DIVERSE DEPARTURE INSTRUCTION OVER SECTORED DP.
211 FT/NM CG REQUIRED TO NOT EXCEED A 10NM DEAD RECKONING SEGMENT.

FLIGHT INSPECTED BY: JEFFREY ECKMAN	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** FICO	**DATE:** 02/10/2017
DEVELOPED BY: PETER GETZ (HEIDI SNIDER)	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** AJV-5423	**DATE:** 10/17/2016
APPROVED BY: TONY LAWSON	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** AJV-5420	**DATE:**

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
ZTL, CHA APP CON, AMGR

CHANGES - REASONS:
1. UPDATED RWY 14 TAKEOFF MINIMUMS FROM STANDARD TO 300-1 AND 211 FT PER NM TO 2800 OR STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1000 OR 2300 -3 FOR VCOA. - OBSTACLES FROM NEW SURVEY DATED 1/4/2010.
2. UPDATED DEPARTURE PROCEDURE RWY 14 FROM CLIMB ON HEADING BETWEEN 112 CW TO 320 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 406 FT PER NM TO 5400 FOR ALL OTHER COURSES. TO CLIMB HEADING 140.46 TO 2800 BEFORE TURNING LEFT. - OBSTACLES AND 8260-3B VOL 4 1.4.4.
3. UPDATED DEPARTURE PROCEDURE RWY 32 FROM CLIMB ON HEADING BETWEEN 336 CW TO 026 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 380 FT PER NM TO 5400 FOR ALL OTHER COURSES. TO CLIMB HEADING 320.46 TO 2000 BEFORE PROCEEDING ON COURSE. - OBSTACLES AND 8260-3B VOL 4 1.4.4.
4. ADDED VCOA DUE TO MANDATORY CLIMB GRADIENT FOR OBSTACLE OUTSIDE ICA IAW 8260.3B VOL 4 & 8260.46F CH.2
5. UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY 1/4/2010.
6. UPDATED CONTROLLING OBSTACLES FROM RWY 14: 3,047 MSL TOWER 344502.00N/0844253.00W. 4,205 MSL AAO 345147.50N/0843732.60W. RWY 32: 3,047 MSL TOWER 344502.00N/0844253.00W. 4,205 MSL AAO 345147.50N/0843732.60W. TO RWY 14: 904 FT MSL TREE 344252.30N/0845120.83W (CLIMB GRADIENT/CLIMB TO ALTITUDE/CEILING). 869 FT MSL TREE 344235.21N/0845106.51W (VISIBILITY).
VCOA: 1099 MSL AAO 344700.00N/0845333.00W. 4205 MSL AAO 345151.70N/0843742.34W
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 3098 MSL TOWER 344502.30N/0844252.70W.
RWY 32, 1949 MSL TOWER 344359.00N/0850105.00W. 4205 MSL AAO 345151.70N/0843742.34W - SURVEY 1/4/2010 & MAP STUDY OBSTRUCTIONS.
7. ADDED REMARK APPROVAL LETTER ON REQUEST WITH FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION (AFS-460) FOR 675 FT PER NM CLIMB GRADIENT TO 1000.
8. ADDED REMARK REQUEST FLIGHT CHECK 4D ACCURACY CODE VERIFICATION FOR 3098 MSL TOWER 344502.30N/0844252.70W.
9. ADDED REMARK ATC PREFERRED DIVERSE DEPARTURE INSTRUCTION OVER SECTORED DP.
10. ADDED REMARK 211 FT/NM CG REQUIRED TO NOT EXCEED A 10NM DEAD RECKONING SEGMENT.

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
HONOLULU, HI	DANIEL K. INOUYE INTL	04/27/2017	8A

TAKEOFF MINIMUMS:

TEXTUAL DEPARTURE PROCEDURES:
USE HONOLULU DEPARTURE

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

REMARKS:

.

QUALITY 3 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
HONOLULU, HI	DANIEL K. INOUYE INTL	04/27/2017	8A

FLIGHT INSPECTED BY: PENDING
Digitally signed by ***DONALD H LANIER*** Feb 27, 2017
OFFICE SYMBOL: FIOG
DATE:

DEVELOPED BY: KELLY DEAN
KELLY D DEAN Digitally signed by KELLY D DEAN Date: 2016.11.15 07:59:45 -06'00'
OFFICE SYMBOL: AJV-5431
DATE: 11/15/2016

APPROVED BY: PATRICK MULQUEEN, MANAGER
Digitally signed by ***DONALD H LANIER*** Feb 27, 2017
OFFICE SYMBOL: AJV-5430
DATE:

REQUIRED EFFECTIVE DATE:
HARD DATE - 04/27/2017

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☒	☐	☒

OTHER:
AMGR, HNL ATCT, USAF, HCH APCH

CHANGES - REASONS:
1. AIRPORT NAME CHANGED FROM HONOLULU INTL TO DANIEL K. INOUYE INTL - AIRNAV DATA.

QUALITY 3 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ILS: DA
LOC: 6.00 MILES AFTER AGENS INT

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2800 DIRECT OTM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 303.00 INBOUND.
CHART FAS OBST: 912 TREE (KOTM0002) 410536N/0922544W
CHART IN PLANVIEW: (CFFLS) 405729.64N-0921516.27W.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **TEARDROP R-160 (OTM VOR/DME) (IAF) OUTBOUND TO PAVME/OTM 10.00 DME, 2800, 312.00 (I-OTM) (SEE FORM 8260-10)**
3. FAC: **312.00** FAF: **AGENS INT** DIST FAF TO MAP: **6.00** THLD: **6.00**
4. MIN. ALT: **AGENS 2800**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1019**
6. MIN GS INCPT: **2800** GS ALT AT: **AGENS 2800** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **52.1**
8. MSA FROM: **OTM VOR/DME 3000**

MAG VAR: **3E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD** **LOC: STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31	**1044**	**1/2**	**203**	**1044**	**1/2**	**203**	**1044**	**1/2**	**203**		**NA**				
S-LOC 31	**1180**	**1/2**	**339**	**1180**	**1/2**	**339**	**1180**	**1/2**	**339**		**NA**				
CIRCLING	**1260**	**1**	**415**	**1300**	**1**	**455**	**1300**	**1 1/2**	**455**		**NA**				

NOTES:
CHART NOTE: DME REQUIRED.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1160.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OTTUMWA, IA	**ELEVATION: 845 TDZE: 841** **OTTUMWA RGNL**	**I-OTM**	**ILS OR LOC RWY 31, AMDT 5E** 27 APRIL 2017	AMDT: **5D** DATED **05/29/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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LINE 2, (CONT.): INBOUND, 2800 TO AGENS INT.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OTTUMWA, IA	**ELEVATION: 845** **TDZE: 841** AIRPORT NAME: **OTTUMWA RGNL**	**I-OTM**	**ILS OR LOC RWY 31, AMDT 5E** 27 APRIL 2017	SUP: AMDT: **5D** DATED: **05/29/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**CIR NDB**	**122.66 / 19.50**	**2300**
CNG VOR/DME	**CIR NDB**	**276.84 / 18.82**	**2300**
MAW VORTAC	**CIR NDB**	**044.36 / 44.93**	**2300**

MISSED APPROACH

MAP: CIR NDB

CLIMB TO 2300 THEN LEFT TURN DIRECT CIR NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 150.00 INBOUND.
HAINS TO RWY 14: 2.79/40.
CHART CIRCLING ICON.
FAS OBST: 654 AAO 370725N/0891553W.
FAC CROSSES RWY C/L EXTENDED 5135 FT FROM THLD.

1. PT **R** SIDE OF COURSE **330.00** OUTBOUND **2300** FT WITHIN **10** MILES OF **CIR NDB** (IAF)
2.
3. FAC **150.00** FAF DIST FAF TO MAP THLD
4. MIN. ALT **HAINS INT 1400***
8. MSA FROM: **CIR NDB 090-270 2100, 270-090 3500**

MAG VAR: **0E** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-14	**1400**	**1 1/4**	**1078**	**1400**	**1 1/2**	**1078**	**1400**	**3**	**1078**		**NA**				
CIRCLING	**1400**	**1 1/4**	**1078**	**1400**	**1 1/2**	**1078**	**1400**	**3**	**1078**		**NA**				
HAINS FIX MINIMUMS															
S-14	**960**	**1**	**638**	**960**	**1**	**638**	**960**	**1 7/8**	**638**		**NA**				
CIRCLING	**960**	**1**	**638**	**960**	**1**	**638**	**1020**	**2**	**698**		**NA**				

NOTES:

CHART NOTE: RWY 14 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 20 AND RWY 32 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE HAINS FIX MINIMUMS S-14 CAT C VISIBILITY 1/8 MILE, AND
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT A, B 1100-2, CAT C 1100-3

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322 TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**CIR**	**NDB RWY 14, AMDT 2B** 27 APRIL 2017	SUP AMDT **2A** DATE **04/02/2015**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

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NOTES, (CONT.):
CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: *1460 WHEN USING CAPE GIRARDEAU ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322** **TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**CIR**	**NDB RWY 14, AMDT 2B** 27 APRIL 2017	SUP: AMDT: **2A** DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SNOWD	WIGNI (TF) (FO) (RNP 2.00)	065.61 / 16.60	3000
CNG VOR/DME (IAF)	WIGNI (NOPT) (TF) (FB) (RNP 1.00)	238.25 / 12.46	3000
AHOYE (IAF)	WIGNI (NOPT) (TF) (FB) (RNP 1.00)	332.70 / 9.90	3000
WIGNI (IF/IAF)	CAGBI (TF) (FB) (RNP 1.00)	321.51 / 6.26	2300
CAGBI (FAF)	RW32 (MAP) (TF) (FO) (RNP 0.30)	321.46 / 6.09	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW32

CLIMB TO 3000 DIRECT ZIDPA AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 141.32 INBOUND.
CHART FAS OBST: 542 TOWER 370224N/0891132W
CAGBI TO RW32: 3.00/40
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE WIGNI, RT, 321.51 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **321.46** FAF: **CAGBI** DIST FAF TO MAP: **6.09** THLD: **6.09**
4. MIN. ALT: **WIGNI 2300, CAGBI 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW32 3500**

MAG VAR: **0E** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**860**	**1**	**538**	**860**	**1**	**538**	**860**	**1 5/8**	**538**		**NA**				
CIRCLING	**860**	**1**	**538**	**900**	**1**	**578**	**1020**	**2**	**698**		**NA**				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 32 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 14 AND RWY 20 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND RAISE ALL MDA
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CAIRO, IL	**ELEVATION: 322 TDZE: 322** **CAIRO RGNL**	**RNAV**	**RNAV (GPS) RWY 32, ORIG-B** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED **04/02/2015**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW32 (MAP)	722 MSL (CA)	321.46	
722 MSL	ZIDPA (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):
60 FEET AND INCREASE S-32 CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CNG VOR/DME AIRWAY RADIALS 133 CW 303.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322** **TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**RNAV**	**RNAV (GPS) RWY 32, ORIG-B** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG-A** DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PAPPI	HIGUH (TF) (FO) (RNP 2.00)	278.25 / 17.64	2500
FARMM (IAF)	HIGUH (NOPT) (TF) (FB) (RNP 1.00)	099.30 / 16.08	2500
HIGUH (IF/IAF)	CHIKO (TF) (FB) (RNP 1.00)	160.54 / 6.43	2300
CHIKO (FAF)	RW16 (MAP) (TF) (FO) (RNP 0.30)	160.57 / 5.04	
RW16 (MAP)	1200 MSL	160.57	1200
1200 MSL	DEERE (DF) (FO) (RNP 1.00)		2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2100 DIRECT DEERE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N HIGUH, RT, 160.54 INBOUND, 2500 FT. IN LIEU OF PT (IAF)**
3. FAC: **160.57** FAF: **CHIKO** DIST FAF TO MAP: **5.04** THLD: **5.04**
4. MIN. ALT: **HIGUH 2500, CHIKO 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2300** GS ALT AT: **CHIKO 2300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.7** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW16 3400**

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.06 INBOUND.
FAS OBST: 909 AAO 421157N/0875826W
DISTANCE TO THLD FROM 262 HAT: 0.66 NM.
CHART VDP AT 1.46 NM TO RW16*
***LNAV ONLY.**
WAAS CHANNEL # 45627
REFERENCE PATH ID: W16A
LTP HAE: 162.1 M

MAG VAR: **2W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**905**	**1**	**262**	**905**	**1**	**262**	**905**	**1**	**262**	**905**	**1**	**262**			
LNAV/VNAV DA	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**			
LNAV MDA	**1160**	**1**	**517**	**1160**	**1**	**517**	**1160**	**1 3/8**	**517**	**1160**	**1 3/8**	**517**			
CIRCLING	**1160**	**1**	**513**	**1160**	**1**	**513**	**1160**	**1 1/2**	**513**	**1200**	**2**	**553**			

NOTES:
CHART NOTE: CIRCLING TO RWY 6, 12, 24, 30, 34 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 647 TDZE: 643	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	AIRPORT NAME: **CHICAGO EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1E** 27 APRIL 2017	AMDT: **1D** DATED **04/30/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FARMM ON V24-100-228 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAPPI ON V84 EASTBOUND AND ON V7 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO O'HARE INTL ALTIMETER SETTING AND INCREASE ALL DA 22 FEET AND ALL MDA 40 FEET AND INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/8 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WITH CHICAGO O'HARE INTL ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	**ELEVATION: 647** **TDZE: 643** AIRPORT NAME: **CHICAGO EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1E** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **04/30/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWK
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	420723.9845N
LTP/FTP LONGITUDE	0875425.6585W
LTP/FTP ELLIPSOIDAL HEIGHT	+01621
FPAP LATITUDE	420600.9930N
FPAP LONGITUDE	0875341.9845W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	897A2E35

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01959
FPAP ORTHOMETRIC HEIGHT	+01959

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	ELEVATION: 647 TDZE: 643 AIRPORT NAME: CHICAGO EXECUTIVE	RNAV	RNAV (GPS) RWY 16, AMDT 1E 27 APRIL 2017	SUP: AMDT: 1D DATED: 04/30/2015

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIE VOR/DME	VIDEO NDB	211.12 / 11.40	2900
OKK VORTAC	VIDEO NDB	142.38 / 37.23	2900

MISSED APPROACH

ILS: DA
LOC: 4.89 NM AFTER VIDEO NDB

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2900 HEADING 030 AND OKK VORTAC R-142 TO VIDEO LOM AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2800 DIRECT MIE VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 298.04 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW MUNCIE VOR/DME, RT, 143.00 INBOUND.
CHART FAS OBST: 1034 TRMSN TWR 400531N/0853351W
CHART CIRCLING ICON.
CHART IN PLANVIEW: MIE VOR/DME
CHART IN PLANVIEW: (CFVSB) AT 400129.02N/0852250.60W

1. PT **R** SIDE OF COURSE **118.04** OUTBOUND **2900** FT WITHIN **15** MILES OF **VIDEO NDB** (IAF)
2.
3. FAC: **298.04** FAF: **VIDEO NDB** DIST FAF TO MAP: **4.89** THLD: **4.89**
4. MIN. ALT: **VIDEO NDB 2700, OWKIQ INT 1460***
5. DIST TO THLD FROM OM: **4.89** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1032**
6. MIN GS INCPT: **2700** GS ALT AT: **-** OM: **2545** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **48.1**
8. MSA FROM: **AI LOM 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 30	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**			
S-LOC 30	**1360**	**3/4**	**441**	**1360**	**3/4**	**441**	**1360**	**1**	**441**	**1360**	**1**	**441**			
CIRCLING	**1360**	**1**	**441**	**1400**	**1**	**481**	**1520**	**1 3/4**	**601**	**1520**	**2**	**601**			

NOTES:
CHART NOTE: CIRCLING RWY 12, 36 NA AT NIGHT.
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
***LOC ONLY**
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME AIRWAY RADIALS 212 CW 244.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 107 CW 192.

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT C, D 700-2

QUALITY 10 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANDERSON, IN	**ELEVATION: 919 TDZE: 919** **ANDERSON MUNI-DARLINGTON FIELD**	**I-AID**	**ILS OR LOC RWY 30, AMDT 2, 04/27/2017**	AMDT: **1A**
				DATED **04/03/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ANDERSON, IN	**ELEVATION: 919** **TDZE: 919** AIRPORT NAME: **ANDERSON MUNI-DARLINGTON FIELD**	**I-AID**	**ILS OR LOC RWY 30, AMDT 2, 04/27/2017**	SUP: AMDT: **1A** DATED: **04/03/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIE VOR/DME	VIDEO LOM	211.12 / 11.40	2900
OKK VORTAC	VIDEO LOM	142.38 / 37.23	2900
MOTTS INT/DQN VOR/DME 31.00 DME	YILEJ INT/DQN VOR/DME 35.10 DME	264.06 / 4.09 (DQN R-264)	2900
YILEJ INT/DQN 35.10 DME (IAF)	ROBOW INT (NOPT)	299.44 / 11.30 (AI BRG-119)	2900
ROBOW INT (IF)	VIDEO LOM	299.44 / 6.92	2600

MISSED APPROACH

MAP: 4.89 NM AFTER VIDEO LOM

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2900 DIRECT VIDEO LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 299.44 INBOUND.
FAS OBST: 1190 AAO 400409N/0853210W
CHART CIRCLING ICON.
VIDEO LOM TO RW30: 3.15/45.

1. PT **R** SIDE OF COURSE **119.44** OUTBOUND **2900** FT WITHIN **10** MILES OF **VIDEO LOM** (IAF)
2.
3. FAC **299.44** FAF **VIDEO LOM** DIST FAF TO MAP **4.89** THLD **4.89**
4. MIN. ALT **VIDEO LOM 2600**
8. MSA FROM: **VIDEO LOM 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-30	1500	3/4	581	1500	3/4	581	1500	1 3/8	581	1500	1 3/8	581			
CIRCLING	1500	1	581	1500	1	581	1520	1 3/4	601	1520	2	601			

NOTES:

CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 12, 36 NA AT NIGHT.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME AIRWAY RADIALS 212 CW 244.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 107 CW 192.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL AT MOTTS ON V50 EASTBOUND.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ANDERSON, IN	**ELEVATION: 919** **TDZE: 919** AIRPORT NAME: **ANDERSON MUNI-DARLINGTON FIELD**	**AI**	**NDB RWY 30, AMDT 7, 04/27/2017**	SUP AMDT **6A** DATE **04/03/2014**

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QUALITY 10 CHECKED

CITY AND STATE	ELEVATION: 919 TDZE: 919 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANDERSON, IN	**ANDERSON MUNI-DARLINGTON FIELD**	**AI**	**NDB RWY 30, AMDT 7, 04/27/2017**	AMDT: **6A**
				DATED: **04/03/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHB VOR/DME	KOYDE (TF) (FB) (RNP 2.00)	040.73 / 15.13	2900
NEWTO (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	270.77 / 8.65	2700
PENDS (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	168.68 / 11.81	2700
KOYDE (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	342.19 / 5.00	2700
FOGBU (IF/IAF)	HUDAX (TF) (FB) (RNP 1.00)	252.17 / 6.01	2700
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

CLIMB TO 2900 DIRECT RAPBO AND ON TRACK 142.59 TO SHB VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD E FOGBU, RT, 252.17 INBOUND, 2700 FT. IN LIEU OF PT (IAF)**
3. FAC: **252.09** FAF: **HUDAX** DIST FAF TO MAP: **5.53** THLD: **5.53**
4. MIN. ALT: **FOGBU 2700, HUDAX 2700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2700** GS ALT AT: **HUDAX** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **53.1** **34:1 IS CLEAR**
8. MSA FROM: **RW25 3100**

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 322.71 INBOUND.
CHART FAS OBST: 969 TREE 395028N/0855305W 1109 AAO 395133N/0854625W
DISTANCE TO THLD FROM 300 HAT: 0.78 NM.
CHART VDP AT 0.96 NM TO RW25*
***LNAV ONLY.**
WAAS CHANNEL # 56310
REFERENCE PATH ID: W25A
CHART CIRCLING ICON.
LTP HAE: 227.6 M

MAG VAR: **2W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**			
LNAV/VNAV DA	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**			
LNAV MDA	**1220**	**1/2**	**360**	**1220**	**1/2**	**360**	**1220**	**5/8**	**360**	**1220**	**5/8**	**360**			
CIRCLING	**1340**	**1**	**478**	**1340**	**1**	**478**	**1360**	**1 1/2**	**498**	**1660**	**2 1/2**	**798**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PENDS ON V14-192-210 NORTHEAST BOUND.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/2

QUALITY 10 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
INDIANAPOLIS, IN	**ELEVATION: 862 TDZE: 860** AIRPORT NAME: **INDIANAPOLIS RGNL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-C** 27 APRIL 2017	AMDT: **ORIG-B** DATED **01/05/2017**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUDAX (FAF)	RW25 (MAP) (TF) (FO) (RNP 0.30)	252.09 / 5.53	
RW25 (MAP)	1160 MSL (CA)	252.09	
1160 MSL	RAPBO (DF) (FB) (RNP 1.00)		
RAPBO	SHB VOR/DME (TF) (FO) (RNP 1.00)	142.59 / 13.64	2900

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SHB VOR/DME AIRWAY RADIALS 028 CW 080 AND AT NEWTO ON V50 EASTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET, AND INCREASE ALL VISIBILITIES 1/2 SM.

CHART NOTE: WHEN USING INDIANAPOLIS ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 1 SM.

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN	**ELEVATION: 862** **TDZE: 860** AIRPORT NAME: **INDIANAPOLIS RGNL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-C** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **01/05/2017**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMQJ
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	395031.9835N
LTP/FTP LONGITUDE	0855327.8945W
LTP/FTP ELLIPSOIDAL HEIGHT	+02276
FPAP LATITUDE	395012.0500N
FPAP LONGITUDE	0855439.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7C3FC9E4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02615
FPAP ORTHOMETRIC HEIGHT	+02615

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN	ELEVATION: 862 TDZE: 860 AIRPORT NAME: INDIANAPOLIS RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-C 27 APRIL 2017	SUP: AMDT: ORIG-B DATED: 01/05/2017

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**TONAL/OKK 12.00 DME/RADAR**	**312.00 / 12.00**	**3000**

MISSED APPROACH

MAP: 5.89 NM AFTER TONAL/OKK 12.00 DME/RADAR OR AT 17.89 DME

CLIMB TO 3000, THEN LEFT TURN ON OKK VORTAC R-312 TO OKK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 840 TREE 404246N/0862120W
FINAL COURSE CROSSES AIRPORT 900' EAST OF APCH END RWY 9.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE OKK VORTAC, RT, 312.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC **312.00** FAF **TONAL/OKK 12.00 DME/RADAR** DIST FAF TO MAP **5.89** THLD ____
4. MIN. ALT **OKK VORTAC 3000, TONAL 3000**
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1200**	**1**	**462**	**1200**	**1**	**462**	**1200**	**1 1/2**	**462**	**1300**	**2**	**562**			
GRISSOM ARB ALTIMETER SETTING MINIMUMS															
CIRCLING	**1240**	**1**	**502**	**1240**	**1**	**502**	**1240**	**1 1/2**	**502**	**1340**	**2**	**602**			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRISSOM ARB ALTIMETER SETTING
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 060 CW 204.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LOGANSPORT, IN	**ELEVATION: 738 TDZE:** AIRPORT NAME: **LOGANSPORT/CASS COUNTY**	**OKK**	**VOR-A, AMDT 7A, 04/27/2017**	AMDT **7**
				DATE **06/22/1995**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MZZ VOR/DME	AKICA INT/MZZ 13.12 DME	220.23 / 13.12	3000
AKICA INT/MZZ 13.12 DME (IF/IAF)	JOSKO INT/MZZ 7.12 DME	040.59 / 6.00 (I-MZZ)	3000

MISSED APPROACH

ILS: DA
LOC: 6.44 NM AFTER JOSKO INT/MZZ 7.12 DME

CLIMB TO 1600, THEN CLIMBING LEFT TURN TO 2500 ON HEADING 250, THEN LEFT TURN DIRECT MZZ VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 936 TREES 402853N/0854108W
CHART VDP AT 1.83 DME*
DISTANCE VDP TO THLD 1.14 NM.
***LOC ONLY.**
HOLD SW, LT, 067 INBOUND.

1. PT **R** SIDE OF COURSE **220.59** OUTBOUND **3000** FT WITHIN **10** MILES OF **AKICA** (IAF)
2.
3. FAC: **040.59** FAF: **JOSKO INT/MZZ 7.12 DME** DIST FAF TO MAP: **6.44** THLD: **6.44**
4. MIN. ALT: **AKICA 3000, JOSKO 3000**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1000**
6. MIN GS INCPT: **3000** GS ALT AT: **JOSKO 3000** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **51.5**
8. MSA FROM: **MZZ VOR/DME 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 04	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**			
S-LOC 04	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**			
CIRCLING	**1300**	**1**	**441**	**1320**	**1**	**461**	**1320**	**1 1/2**	**461**	**1420**	**2**	**561**			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 4.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING AND INCREASE ALL DA 91 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 4 CAT C/D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOP MALSR, INCREASE S-LOC 4 CAT C/D VISIBILITY TO 1.
(CONTINUED ON PAGE 2)

 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARION, IN	**ELEVATION: 859 TDZE: 858** **MARION MUNI**	**I-MZZ**	**ILS OR LOC RWY 4, AMDT 7D, 04/27/2017**	AMDT: **7C** DATED **05/26/2016**

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NOTES, (CONT.):
CHART NOTE: NIGHT LANDING: RWY 15 NA.
CHART NOTE: FOR INOP MALSR WHEN USING FORT WAYNE INTL ALTIMETER SETTING, INCREASE S-LOC 4 CAT A/B TO 1.
CHART NOTE: VDP NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARION, IN	**ELEVATION: 859** **TDZE: 858** AIRPORT NAME: **MARION MUNI**	**I-MZZ**	**ILS OR LOC RWY 4, AMDT 7D, 04/27/2017**	AMDT: **7C** DATED: **05/26/2016**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**ONWAD INT/OKK 10.03 DME**	**349.96 / 10.03**	**2600**

MISSED APPROACH

MAP: 5.61 NM AFTER ONWAD INT/OKK 10.03 DME OR AT OKK VORTAC 15.65 DME

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2600 DIRECT OKK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 937 TANK 404648N/0860736W
CHART 999 TOWER 404151N/0860757W.
CHART HILL TOP & TWELVE MILE EAST MOA.
CHART CIRCLING ICON.
ONWAD TO RW01: 3.00/47
CHART: KGUS ATIS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S OKK VORTAC, RT, 349.96 INBOUND, 2600 FT. IN LIEU OF PT (IAF)**
3. FAC **349.96** FAF **ONWAD INT/OKK 10.03 DME** DIST FAF TO MAP **5.61** THLD **5.61**
4. MIN. ALT **OKK VORTAC 2600, ONWAD 2600, HINGI/OKK 14.10 DME 1300***
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-01	**1300**	**1**	**523**	**1300**	**1**	**523**	**1300**	**1 1/2**	**523**	**1300**	**1 3/4**	**523**			
CIRCLING	**1300**	**1**	**521**	**1300**	**1**	**521**	**1500**	**2**	**721**	**1500**	**2 1/4**	**721**			
HINGI DME FIX MINIMUMS															
S-01	**1240**	**1**	**463**	**1240**	**1**	**463**	**1240**	**1 1/4**	**463**	**1240**	**1 1/2**	**463**			
CIRCLING	**1280**	**1**	**501**	**1280**	**1**	**501**	**1500**	**2**	**721**	**1500**	**2 1/4**	**721**			

NOTES:

CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE GRISSOM ARB ALTIMETER SETTING; WHEN NOT RECEIVED, USE LOGANSPORT ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, AND VISIBILITY CATS C AND D 1/4 SM.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
PERU, IN	**ELEVATION: 779 TDZE: 777** AIRPORT NAME: **PERU MUNI**	**OKK**	**VOR RWY 1, AMDT 8C, 04/27/2017**	AMDT	**8B**
				DATE	**09/15/2016**

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NOTES, (CONT.):
CHART NOTE: STRAIGHT-IN RWY 1 NA AT NIGHT, CIRCLING RWY 1 NA AT NIGHT.
CHART PROFILE NOTE: *1360 WHEN USING LOGANSPORT ALTIMETER.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC R-060, R-102, R-187, AND R-204.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PERU, IN	**ELEVATION: 779** **TDZE: 777** AIRPORT NAME: **PERU MUNI**	**OKK**	**VOR RWY 1, AMDT 8C, 04/27/2017**	SUP: AMDT: **8B** DATED: **09/15/2016**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**KALEY INT/OKK 13.00 DME**	**045.07 / 13.00**	**2400**

MISSED APPROACH

MAP: 5.06 NM AFTER KALEY INT/OKK 13.00 DME OR AT ZUBEN/OKK 18.06 DME FIX

CLIMB TO 2400 THEN RIGHT TURN ON OKK VORTAC R-045 TO KALEY INT/OKK 13.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 045.07 INBOUND.
FAS OBST: 1019 AAO 404204N/0855046W
FAC CROSSES MIDPOINT OF RWY 9-27.
CHART CIRCLING ICON.
CHART KOKOMO AWOS-3

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW KOKOMO VORTAC, RT, 045.07 INBOUND, 2400 FT. IN LIEU OF PT (IAF)**
3. FAC **040.07** FAF **KALEY INT/OKK 13.00 DME** DIST FAF TO MAP **5.06** THLD ____
4. MIN. ALT **OKK VORTAC 2400, KALEY 2400**
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1320**	**1**	**524**	**1440**	**1**	**644**	**1560**	**2 1/4**	**764**		**NA**				

NOTES:

CHART NOTE: NIGHT LANDING: RWY 18, 36 NA.
CHART NOTE: RWY 18, 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 187 CW 204.
CHART NOTE: USE KOKOMO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WABASH, IN	**ELEVATION: 796 TDZE:** AIRPORT NAME: **WABASH MUNI**	**OKK**	**VOR-A, AMDT 11A, 04/27/2017**	AMDT **11**
				DATE **12/10/2015**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TBD VOR/DME	ELOTY INT	088.73 / 8.86	2200
RQR VOR/DME (IAF)	RACEL INT (NOPT)	189.00 / 19.24	2200
RACEL INT (IF)	ELOTY INT	179.33 / 6.40 (I-HUM)	1800

MISSED APPROACH

ILS: DA
LOC: 5.38 NM AFTER ELOTY INT

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 1800 ON HEADING 050 AND TBD VOR/DME R-122 TO BOURG INT/TBD 16.30 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 301.50 INBOUND.
CHART FAS OBST: 117 TREE 293526N/0903939W
CHART CIRCLING ICON.
CHART: MAX 6000 AT ELOTY INT.

1. PT **L** SIDE OF COURSE **359.33** OUTBOUND **2200** FT WITHIN **10** MILES OF **ELOTY INT** (IAF)
2.
3. FAC: **179.33** FAF: **ELOTY INT** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **ELOTY 1800, FAMAB INT 600***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **999**
6. MIN GS INCPT: **1800** GS ALT AT: **-** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **52.1**
8. MSA FROM: **TBD VOR/DME 3100**

MAG VAR: **1E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18	208	1/2	200	208	1/2	200	208	1/2	200	208	1/2	200			
S-LOC 18	380	1/2	372	380	1/2	372	380	5/8	372	380	5/8	372			
CIRCLING	480	1	471	480	1	471	760	2 1/4	751	760	2 1/2	751			

NOTES:
***LOC ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING: INCREASE DA TO 285 FEET; INCREASE ALL MDA 80 FEET AND S-LOC 18 CAT C/D VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM.
(CONTINUED ON PAGE 2)

#@ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 # CAT C 800-2 1/4, CAT D 800-2 1/2
@ CAT C 800-2 1/4, CAT D 800-2 1/2

QUALITY 25 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
HOUMA, LA	**ELEVATION: 9 TDZE: 8** **HOUMA-TERREBONNE**	**I-HUM**	**ILS OR LOC RWY 18, AMDT 5** 27 APRIL 2017	AMDT: **4A** DATED **04/28/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 18 CAT C/D VISIBILITY TO 1 SM.

CHART NOTE: FOR INOPERATIVE ALS WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING INCREASE S-ILS 18 ALL CATS VISIBILITY TO 7/8 SM.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HOUMA, LA	**ELEVATION: 9** **TDZE: 8** AIRPORT NAME: **HOUMA-TERREBONNE**	**I-HUM**	**ILS OR LOC RWY 18, AMDT 5** 27 APRIL 2017	SUP: AMDT: **4A** DATED: **04/28/2016**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC	AR NDB/I-ARA 5.91 DME	151.64 / 15.73	3000
ROSEY INT	AR NDB/I-ARA 5.91 DME	201.62 / 23.24	2100

MISSED APPROACH

ILS: DA
LOC: 4.33 NM AFTER AR NDB OR AT I-ARA 1.58 DME

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 080 AND LFT R-114 TO CLYNT INT/LFT 18.83 DME AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 200 AND LSU R-217 TO AR NDB AND HOLD S, LT, 347.51 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S AR NDB, LT, 347.51 INBOUND.
FAS OBST: 115 TREE 295958N/0915227W
CHART VDP AT 2.55 DME*
DISTANCE VDP TO THLD 0.97 NM.
***LOC ONLY.**
CHART CIRCLING ICON.
CHART IN PLANVIEW: (CFVRC) AT 295327.82N/0915047.75W.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S AR NDB, LT, 347.51 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**
3. FAC: **347.51** FAF: **AR NDB/I-ARA 5.91 DME** DIST FAF TO MAP: **4.33** THLD: **4.33**
4. MIN. ALT: **AR NDB/I-ARA 5.91 DME 1500, UXYAP/I-ARA 4.78 DME 480***
5. DIST TO THLD FROM OM: **4.33** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **954**
6. MIN GS INCPT: **1500** GS ALT AT: **-** OM: **1465** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **50.7**
8. MSA FROM: **ARA NDB 2900**

MAG VAR: **0E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** | **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200
S-LOC 35	480	1/2	459	480	1/2	459	480	7/8	459	480	7/8	459	480	7/8	459
CIRCLING	480	1	456	480	1	456	600	1 1/2	576	680	2	656	900	3	876
UXYAP FIX MINIMUMS (DME REQUIRED)															
S-LOC 35	380	1/2	359	380	1/2	359	380	5/8	359	380	5/8	359	380	5/8	359
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656	900	3	876

NOTES:
CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: ADF OR DME REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LFT VORTAC AIRWAY RADIALS 092 CW 114.
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 35 CAT E VISIBILITY TO 3/4 SM, S-LOC 35 CAT E VISIBILITY TO 1 3/8 SM, AND UXYAP FIX MINIMUMS S-LOC 35 CATS C/D/E VISIBILITY TO 1 SM.

#@ NA WHEN LFT APP CON CLOSED.
 # CAT D 700-2, CAT E 900-3
@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW IBERIA, LA	**ELEVATION: 24 TDZE: 21** **ACADIANA RGNL**	**I-ARA**	**ILS OR LOC RWY 35, AMDT 1** 27 APRIL 2017	**ILS OR LOC RWY 34** AMDT: **ORIG-B** DATED **10/18/2012**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

QUALITY 20 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 21** AIRPORT NAME: **ACADIANA RGNL**	**I-ARA**	**ILS OR LOC RWY 35, AMDT 1** 27 APRIL 2017	SUP: **ILS OR LOC RWY 34** AMDT: **ORIG-B** DATED: **10/18/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LULEW	CUGUT (TF) (FB) (RNP 2.00)	312.31 / 10.11	2100
CUGUT (IAF)	ICEBU (TF) (FB) (RNP 1.00)	250.56 / 6.00	2000
ICEBU (IF)	GUSRE (TF) (FB) (RNP 1.00)	167.48 / 8.00	1500
GUSRE (FAF)	ZOLXY/2.20 NM TO RW17 (TF) (FB) (RNP 0.30)	167.50 / 2.28	
ZOLXY/2.20 NM TO RW17	RW17 (MAP) (TF) (FB) (RNP 0.30)	167.50 / 2.20	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 440 THEN CLIMBING LEFT TURN TO 2000 DIRECT CLYNT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 294.29 INBOUND.
CHART FAS OBST: 129 TREE 300345N/0915357W
CHART: 298 TOWER 300719N/0915321W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 0.96 NM TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 82501
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: -19.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ICEBU
3. FAC: 167.50 FAF: GUSRE DIST FAF TO MAP: 4.48 THLD: 4.48
4. MIN. ALT: ICEBU 2000, GUSRE 1500, ZOLXY/2.20 NM TO RW17 760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: GUSRE 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.7 34:1 IS CLEAR
8. MSA FROM: RW17 2900

MAG VAR: 0E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	274	3/4	250	274	3/4	250	274	3/4	250	274	3/4	250			
LNAV/VNAV DA	420	1 1/8	396	420	1 1/8	396	420	1 1/8	396	420	1 1/8	396			
LNAV MDA	380	3/4	356	380	3/4	356	380	7/8	356	380	7/8	356			
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656			

NOTES: CHART NOTE: CIRCLING NA TO RWY 17W AND 35W.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 SM AND LNAV CATS C/D VISIBILITY TO 1 SM.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LULEW ON V20 EASTBOUND.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED 10/18/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW17 (MAP)	440 MSL	167.50	440
440 MSL	CLYNT (DF) (FO) (RNP 1.00)		2000

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED: 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARA
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	300254.5810N
LTP/FTP LONGITUDE	0915311.8570W
LTP/FTP ELLIPSOIDAL HEIGHT	-00197
FPAP LATITUDE	300127.3810N
FPAP LONGITUDE	0915249.6565W
THRESHOLD CROSSING HEIGHT (TCH)	00050.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	744CA521

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00073
FPAP ORTHOMETRIC HEIGHT	+00073

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED: 10/18/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LLA VOR/DME	HUBUM (TF) (FB) (RNP 2.00)	072.52 / 23.94	2000
HUBUM (IAF)	PILYI (NOPT) (TF) (FB) (RNP 1.00)	072.30 / 6.00	2000
ORICH (IAF)	PILYI (NOPT) (TF) (FB) (RNP 1.00)	306.51 / 14.81	2000
PILYI (IF/IAF)	ISUCE (TF) (FB) (RNP 1.00)	347.54 / 8.00	1700
ISUCE (FAF)	WOKDO/2.20 NM TO RW35 (TF) (FB) (RNP 0.30)	347.52 / 2.92	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 440 THEN CLIMBING RIGHT TURN TO 2000 DIRECT LULEW AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PILYI, LT, 347.54 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 347.52 FAF: ISUCE DIST FAF TO MAP: 5.12 THLD: 5.12
4. MIN. ALT: PILYI 2000, ISUCE 1700, WOKDO/2.20 NM TO RW35 760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: ISUCE 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.7 34:1 IS CLEAR
8. MSA FROM: RW35 2900

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 271.78 INBOUND.
CHART FAS OBST: 114 TREE 300025N/0915312W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 0.97 NM TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 40301
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: -21.2 M

MAG VAR: 0E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200			
LNAV/VNAV DA	303	1/2	282	303	1/2	282	303	1/2	282	303	1/2	282			
LNAV MDA	380	1/2	359	380	1/2	359	380	3/4	359	380	3/4	359			
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM AND LNAV CATS C/D VISIBILITY TO 1 SM.
CHART NOTE: CIRCLING NA TO RWY 17W AND 35W.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 21 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 34 AMDT: ORIG-A DATED 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOKDO/2.20 NM TO RW35	RW35 (MAP) (TF) (FO) (RNP 0.30)	347.52 / 2.20	
RW35 (MAP)	440 MSL	347.52	440
440 MSL	LULEW (DF) (FO) (RNP 1.00)		2000

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34
NEW IBERIA, LA	AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED: 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	300137.2485N
LTP/FTP LONGITUDE	0915252.1665W
LTP/FTP ELLIPSOIDAL HEIGHT	-00212
FPAP LATITUDE	300304.4485N
FPAP LONGITUDE	0915314.3690W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5475A0E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00057
FPAP ORTHOMETRIC HEIGHT	+00057

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 24 TDZE: 21 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW IBERIA, LA	ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	RNAV (GPS) RWY 34 AMDT: ORIG-A DATED: 10/18/2012

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
NEW IBERIA, LA	ACADIANA RGNL	27 APRIL 2017	1

TAKEOFF MINIMUMS:
RWY 17W, 35W: NA - ENVIRONMENTAL

RWY 17, 35: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 17: TREE 41 FT FROM DER, 497 FT RIGHT OF CENTERLINE, 12 FT AGL/32 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:
Effective Date based on MAG VAR rotation

QUALITY 16 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
NEW IBERIA, LA	ACADIANA RGNL	27 APRIL 2017	1

FLIGHT INSPECTED BY: CHRIS M RICE
Digitally signed by ***DONALD H LANIER*** Feb 22, 2017
OFFICE SYMBOL: FICO
DATE: 02/16/2017

DEVELOPED BY: KELLY DEAN
KELLY D DEAN Digitally signed by KELLY D DEAN Date: 2016.10.17 15:21:42 -05'00'
OFFICE SYMBOL: AJV-5431
DATE: 10/17/2016

APPROVED BY: LONNIE EVERHART, MANAGER
Digitally signed by ***DONALD H LANIER*** Feb 22, 2017
OFFICE SYMBOL: AJV-5430
DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
LFT APP CON, ARA ATCT, ARPT MGR

CHANGES - REASONS:
1. CHANGED RUNWAY NUMBERS FROM 16/34 TO 17/35 - MAG/VAR UPDATE FROM 3E TO 0.

QUALITY 16 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC (IF/IAF)	**CUKTA/LFT 6.00 DME/RADAR**	**144.61 / 6.00**	**1500**

MISSED APPROACH

MAP: 4.30 NM AFTER CUKTA/LFT 6.00 DME/RADAR OR AT LFT 10.30 DME

CLIMBING LEFT TURN TO 2000 ON HEADING 060 AND LFT VORTAC R-114 TO CLYNT INT/18.83 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
FAS OBST: 240 AAO 300556N/0915514W
CHART VDP AT 8.97 DME
DISTANCE VDP TO THLD 1.33 NM.
CHART CIRCLING ICON.
CUKTA TO RW16: 3.12/51.

1. PT **L** SIDE OF COURSE **324.61** OUTBOUND **3000** FT WITHIN **15** MILES OF **LFT VORTAC** (IAF)
2.
3. FAC **144.61** FAF **CUKTA/LFT 6.00 DME/RADAR** DIST FAF TO MAP **4.30** THLD **4.30**
4. MIN. ALT **LFT VORTAC 3000, CUKTA 1500**
8. MSA FROM: **LFT VORTAC 2900**

MAG VAR: **3E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-17	**500**	**3/4**	**476**	**500**	**3/4**	**476**	**500**	**1 1/4**	**476**	**500**	**1 1/4**	**476**	**500**	**1 1/4**	**476**
CIRCLING	**500**	**1**	**476**	**500**	**1**	**476**	**600**	**1 1/2**	**576**	**680**	**2**	**656**	**900**	**3**	**876**

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON LFT VORTAC AIRWAY RADIALS 252 CW 013.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 3/8 MILE.

@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 24** AIRPORT NAME: **ACADIANA RGNL**	**LFT**	**VOR OR TACAN RWY 17, AMDT 2** 27 APRIL 2017	SUP **VOR OR TACAN RWY 16** AMDT **1B** DATE **10/18/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC	**MACAN/LFT 16.97 DME**	**147.54 / 16.97**	**3000**

MISSED APPROACH

MAP: WAJRE/LFT 11.55 DME FIX

CLIMBING RIGHT TURN TO 2000 ON HEADING 080 AND LFT R-114 TO CLYNT INT/LFT 18.83 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
CHART FAS OBST: 230 TWR 295651N/0915139W
CHART 357 TWR 295640N/0914944W.
CHART VDP AT 13.01 DME
DISTANCE VDP TO THLD 1.47 NM.
CHART CIRCLING ICON.
MACAN TO RW35: 3.00/52.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART PLANVIEW NOTE: DME REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE MACAN, LT, 328.00 INBOUND, 1800 FT. IN LIEU OF PT (IAF)**
3. FAC **327.54** FAF **MACAN/LFT 16.97 DME** DIST FAF TO MAP ____ THLD **5.46**
4. MIN. ALT **MACAN/LFT 16.97 DME 1800**
8. MSA FROM: **LFT VORTAC 2900**

MAG VAR: **3E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	**540**	**1/2**	**519**	**540**	**1/2**	**519**	**540**	**1 3/8**	**519**	**540**	**1 3/8**	**519**	**540**	**1 3/8**	**519**
CIRCLING	**540**	**1**	**516**	**540**	**1**	**516**	**600**	**1 1/2**	**576**	**680**	**2**	**656**	**900**	**3**	**876**

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: DME REQUIRED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-35 CATS C/D/E.

@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 21** AIRPORT NAME: **ACADIANA RGNL**	**LFT**	**VOR RWY 35, AMDT 2** 27 APRIL 2017	SUP **VOR/DME RWY 34** AMDT **1D** DATE **10/18/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**KAPUT/I-CGI 4.82 DME**	**109.14 / 5.64**	**2400**
CNG VOR/DME (IAF)	**BOOTZ INT/I-CGI 13.82 DME (NOPT)**	**290.05 / 23.07**	**2400**
MWA VOR/DME (IAF)	**BOOTZ INT/I-CGI 13.82 DME (NOPT)**	**195.80 / 37.92**	**2400**
BOOTZ INT/I-CGI 13.82 DME (IF)	**KAPUT/I-CGI 4.82 DME**	**287.82 / 9.00 (I-CGI)**	**2000**

MISSED APPROACH

MAP: YISUN/I-CGI 0.48 DME

CLIMB TO 2400 ON I-CGI FRONT COURSE TO DUTCH LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 107.81 INBOUND.
CHART FAS OBST: 617 TOWER 371229N/0893059W
CHART VDP AT 1.40 DME
DISTANCE VDP TO THLD 1.57 NM.
KAPUT TO RW28: 3.06/38.
CHART CIRCLING ICON.

1. PT **L** SIDE OF COURSE **107.82** OUTBOUND **2400** FT WITHIN **10** MILES OF **KAPUT** (IAF)
2.
3. FAC **287.82** FAF **KAPUT/I-CGI 4.82 DME** DIST FAF TO MAP _____ THLD **5.00**
4. MIN. ALT **KAPUT 2000, WEGDI/I-CGI 2.02 DME 1060**
8. MSA FROM: **CGI VOR/DME 090-180 3000, 180-270 2200, 270-090 3500**

MAG VAR: **2W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-28	**880**	**3/4**	**539**	**880**	**3/4**	**539**	**880**	**1 3/8**	**539**	**880**	**1 3/8**	**539**			
CIRCLING	**880**	**1**	**538**	**960**	**1**	**618**	**1080**	**2**	**738**	**1080**	**2 1/4**	**738**			

NOTES:

CHART NOTE: ADF REQUIRED.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART NOTE: VDP NA WITH CAIRO RGNL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRO RGNL ALTIMETER SETTING AND INCREASE
(CONTINUED ON PAGE 2)

@ NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 342 TDZE: 341 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
CAPE GIRARDEAU, MO	**CAPE GIRARDEAU RGNL**	**I-CGI**	**LOC/DME BC RWY 28, AMDT 8C** 27 APRIL 2017	AMDT	**8B**
				DATE	**08/18/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

ALL MDA 60 FEET AND INCREASE S-28 CAT A/B VISIBILITY 1/4 MILE, CAT C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: USE I-CGI DME WHEN ON LOCALIZER COURSE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CNG VOR/DME AIRWAY RADIALS 240 CW 346.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: FOR INOPERATIVE ODALS, WHEN USING CAIRO RGNL ALTIMETER SETTING; INCREASE S-28 CAT C/D VISIBILITY 1/8 MILE.

CHART NOTE: FOR INOPERATIVE ODALS INCREASE S-28 CAT C/D VISIBILITY 1/8 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAPE GIRARDEAU, MO	**ELEVATION: 342** **TDZE: 341** AIRPORT NAME: **CAPE GIRARDEAU RGNL**	**I-CGI**	**LOC/DME BC RWY 28, AMDT 8C** 27 APRIL 2017	SUP: 4 AMDT: 8B DATED: **08/18/2016**

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**CHQ NDB**	**157.61 / 25.15**	**2100**
CNG VOR/DME	**CHQ NDB**	**245.76 / 26.86**	**2100**
MAW VORTAC	**CHQ NDB**	**053.85 / 31.91**	**2100**
DYR VORTAC	**CHQ NDB**	**354.83 / 49.56**	**2100**

MISSED APPROACH

MAP: CHQ NDB

CLIMBING RIGHT TURN TO 1800 IN CHQ NDB HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 010.68 INBOUND
FAS OBST: 524 AAO 364130N/0892248W
CHART CIRCLING ICON
CHART SIKESTON AWOS
FAC CROSSES RWY C/L EXTENDED 3002 FT FROM THLD.

1. PT **L** SIDE OF COURSE **190.68** OUTBOUND **1800** FT WITHIN **10** MILES OF **CHQ NDB** (IAF)
2.
3. FAC **010.68** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **CHQ NDB 090-360 2200, 360-090 3000**

MAG VAR: **2W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	**900**	**1**	**587**	**900**	**1**	**587**		**NA**			**NA**				
CIRCLING	**900**	**1**	**587**	**900**	**1**	**587**		**NA**			**NA**				

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE SIKESTON ALTIMETER SETTING, WHEN NOT RECEIVED USE CAIRO, IL ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CHARLESTON, MO	**ELEVATION: 313 TDZE: 313** AIRPORT NAME: **MISSISSIPPI COUNTY**	**CHQ**	**NDB RWY 36, AMDT 4B** 27 APRIL 2017	SUP AMDT **4A** DATE **06/26/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TST VOR/DME	**GRN NDB**	**060.45 / 52.20**	**6200**
EVENN INT	**GRN NDB**	**001.90 / 40.13**	**6000**

MISSED APPROACH

MAP: GRN NDB

CLIMB TO 5400 THEN RIGHT TURN DIRECT GRN NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 215.71 INBOUND.
FAS OBST: 3989 AAO 425234N/1020331W
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.

1. PT **R** SIDE OF COURSE **035.71** OUTBOUND **5300** FT WITHIN **10** MILES OF **GRN NDB** (IAF)
2.
3. FAC **215.71** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **GRN NDB 5600**

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-22	**4420**	**1**	**858**	**4420**	**1 1/4**	**858**	**4420**	**2 1/2**	**858**	**4420**	**2 1/2**	**858**			
CIRCLING	**4420**	**1 1/4**	**858**	**4420**	**1 1/4**	**858**	**4420**	**2 1/2**	**858**	**4420**	**2 3/4**	**858**			

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**GRN**	**NDB RWY 22, AMDT 4B** 27 APRIL 2017	SUP AMDT **4A** DATE **12/11/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	CAGUB (TF) (FB) (RNP 2.00)	342.02 / 29.26	7500
CAGUB (IAF)	EKIVE (TF) (FB) (RNP 1.00)	039.53 / 5.07	6100
EKIVE (IF)	FIPUR (TF) (FB) (RNP 1.00)	039.60 / 6.02	5200
FIPUR (FAF)	RW04 (MAP) (TF) (FO) (RNP 0.30)	039.66 / 4.91	
RW04 (MAP)	3936 MSL	039.66	
3936 MSL	MARZH (DF) (FO) (RNP 1.00)		5600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 5600 DIRECT MARZH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 219.86 INBOUND.
CHART FAS OBST: 3978 TOWER 424610N/1021212W
DISTANCE TO THLD FROM 391 HAT: 1.04 NM.
CHART VDP AT 2.30 NM TO RW04*
***LNAV ONLY.**
WAAS CHANNEL # 65909
REFERENCE PATH ID: W04A
LTP HAE: 1061.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT EKIVE**
3. FAC: **039.66** FAF: **FIPUR** DIST FAF TO MAP: **4.91** THLD: **4.91**
4. MIN. ALT: **EKIVE 6100, FIPUR 5200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **5200** GS ALT AT: **FIPUR 5200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.02** TCH: **60.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW04 5600**

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**3936**	**1 1/4**	**391**	**3936**	**1 1/4**	**391**		**NA**			**NA**				
LNAV/VNAV DA	**3972**	**1 1/2**	**427**	**3972**	**1 1/2**	**427**		**NA**			**NA**				
LNAV MDA	**4320**	**1**	**775**	**4320**	**1 1/4**	**775**		**NA**			**NA**				
CIRCLING	**4320**	**1**	**758**	**4320**	**1 1/4**	**758**		**NA**			**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.
(CONTINUED ON PAGE 2)

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 27 APRIL 2017	SUP: AMDT: **1A** DATED **11/15/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: PROCEDURE NA FOR ARRIVAL AT EVENN ON V100 SOUTHWEST BOUND.
CHART NOTE: BARO-VNAV NA.

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562** **TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 27 APRIL 2017	SUP: AMDT: **1A** DATED: **11/15/2012**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	424807.1955N
LTP/FTP LONGITUDE	1021052.1960W
LTP/FTP ELLIPSOIDAL HEIGHT	+10616
FPAP LATITUDE	424905.9900N
FPAP LONGITUDE	1020921.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.02
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA4131FD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10801
FPAP ORTHOMETRIC HEIGHT	+10801

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 3562 TDZE: 3545	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1B 27 APRIL 2017	AMDT: 1A
				DATED: 11/15/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	RALFF (TF) (FB) (RNP 2.00)	015.44 / 48.12	6000
OQTUM (IAF)	MARZH (NOPT) (TF) (FB) (RNP 1.00)	129.74 / 5.00	5600
RALFF (IAF)	MARZH (NOPT) (TF) (FB) (RNP 1.00)	309.84 / 5.00	5600
MARZH (IF/IAF)	DANVE (TF) (FB) (RNP 1.00)	219.86 / 6.11	5300
DANVE (FAF)	RW22 (MAP) (TF) (FO) (RNP 0.30)	219.79 / 5.25	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 6100 DIRECT EKIVE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 039.66 INBOUND.
CHART FAS OBST: 3799 TREE 425044N/1020525W
DISTANCE TO THLD FROM 328 HAT: 0.90 NM.
CHART VDP AT 1.69 NM TO RW22*
***LNAV ONLY.**
WAAS CHANNEL # 86609
REFERENCE PATH ID: W22A
LTP HAE: 1067.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE MARZH, RT, 219.86 INBOUND, 5600 FT. IN LIEU OF PT (IAF)**
3. FAC: **219.79** FAF: **DANVE** DIST FAF TO MAP: **5.25** THLD: **5.25**
4. MIN. ALT: **MARZH 5600, DANVE 5300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **5300** GS ALT AT: **DAVNE 5300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM:

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**3890**	**1 1/4**	**328**	**3890**	**1 1/4**	**328**		**NA**			**NA**			**NA**	
LNAV/VNAV DA	**3922**	**1 1/4**	**360**	**3922**	**1 1/4**	**360**		**NA**			**NA**			**NA**	
LNAV MDA	**4140**	**1**	**578**	**4140**	**1**	**578**		**NA**			**NA**			**NA**	
CIRCLING	**4140**	**1**	**578**	**4140**	**1**	**578**		**NA**			**NA**			**NA**	

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.
CHART NOTE: PROCEDURE NA FOR ARRIVAL AT EVENN ON V100 SOUTHWEST BOUND.

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562** **TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1A** 27 APRIL 2017	SUP: AMDT: **1** DATED **09/25/2008**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW22 (MAP)	3890 MSL	219.79	
3890 MSL	EKIVE (DF) (FO) (RNP 1.00)		6100

TAA

	FROM	TO	ALT
1.	130/30 CW 310/30 (NOPT)	MARZH (IF/IAF) (FB)	5600
2.	310/30 CW 040/30	RALFF (IAF) (FB)	5600
3.	040/30 CW 130/30	OQTUM (IAF) (FB)	5600

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1A 27 APRIL 2017	SUP: AMDT: 1 DATED: 09/25/2008

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	424841.0495N
LTP/FTP LONGITUDE	1020959.8270W
LTP/FTP ELLIPSOIDAL HEIGHT	+10673
FPAP LATITUDE	424742.2500N
FPAP LONGITUDE	1021130.7900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5AA69216

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10857
FPAP ORTHOMETRIC HEIGHT	+10857

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1A 27 APRIL 2017	SUP: AMDT: 1 DATED: 09/25/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY INT	FOSSI LOM/BFV 12.81 DME	242.90 / 22.43	3800
HBR VORTAC	FOSSI LOM/BFV 12.81 DME	339.05 / 35.64	3800
BFV VORTAC	FOSSI LOM/BFV 12.81 DME	356.03 / 12.81	3800

MISSED APPROACH

ILS: DA
LOC: 5.45 NM AFTER FOSSI LOM/BFV 12.81 DME OR AT BFV 7.36 DME

CLIMB TO 3600 DIRECT BFV VORTAC AND HOLD(TACAN AIRCRAFT CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 220 AND ON BFV VORTAC R-275 TO SASHE/BFV 17.00 DME AND HOLD W, LT, 095.00 INBOUND).

ALTERNATE MA (DO NOT CHART): CLIMB TO 2500 THEN (SEE FORM 8260-10)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N FOSSI LOM, LT, 175.08 INBOUND, 3800 FT. IN LIEU OF PT (IAF)**
3. FAC: **175.08** FAF: **FOSSI LOM/BFV 12.81 DME** DIST FAF TO MAP: **5.45** THLD: **5.45**
4. MIN. ALT: **FOSSI LOM 3800**
5. DIST TO THLD FROM OM: **5.45** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1050**
6. MIN GS INCPT: **3800** GS ALT AT: **-** OM: **3739** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **53.9**
8. MSA FROM: **BZ LOM 4100**

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 357.55 INBOUND.
CHART FAS OBST: 2003 TOWER 352701N/0991220W
CHART VDP AT 8.25 DME*
DISTANCE VDP TO THLD 0.89 NM.
***LOC ONLY.**
CHART CIRCLING ICON.
SASHE/BFV 17.00 DME.
CHART: (CFPLB) AT 353102.66N/0991204.22W
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17R	2122	3/4	200	2122	3/4	200	2122	3/4	200	2122	3/4	200	2122	3/4	200
S-LOC 17R	2260	1	338	2260	1	338	2260	1	338	2260	1	338	2260	1	338
CIRCLING	2340	1	418	2380	1	458	2380	1 1/2	458	2620	2 1/4	698	2620	2 1/2	698

NOTES:
CHART NOTE: CIRCLING NA E OF RWY 17R-35L.

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT D 700-2 1/4, CAT E 700-2 1/2
@ CAT D 800-2 1/4, CAT E 800-2 1/2

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 1922 TDZE: 1922 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BURNS FLAT, OK	**CLINTON-SHERMAN**	**I-BZF**	**ILS OR LOC RWY 17R, AMDT 8** 27 APRIL 2017	AMDT: **7B** DATED **08/20/2015**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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MISSED APPROACH INSTRUCTIONS, (CONT.):
CLIMBING RIGHT TURN TO 3800 DIRECT FOSSI LOM/BFV 12.81 DME AND HOLD.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BURNS FLAT, OK	**ELEVATION: 1922** **TDZE: 1922** AIRPORT NAME: **CLINTON-SHERMAN**	**I-BZF**	**ILS OR LOC RWY 17R, AMDT 8** 27 APRIL 2017	SUP: AMDT: **7B** DATED: **08/20/2015**

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
BURNS FLAT, OK	CLINTON-SHERMAN	27 APRIL 2017	ORIG-A

TAKEOFF MINIMUMS:
RWY 17L, 17R, 35L, 35R STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 17L, TREE 655 FT FROM DER, 317 FT LEFT OF CENTERLINE, 23 FT AGL/1932 FT MSL.
NOTE: RWY 17R, TREE 1275 FT FROM DER, 620 FT RIGHT OF CENTERLINE, 35 FT AGL/1954 FT MSL.
NOTE: RWY 35R, ATCT 2797 FT FROM DER, 188 FT RIGHT OF CENTERLINE, 66FT AGL/1985 FT MSL. TOWER 3017 FT FROM DER, 296 FT RIGHT OF CENTERLINE, 85 FT AGL/1996 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY:	*Digitally signed by*	**OFFICE SYMBOL:**	**DATE:**
ROY F TURNER	***DANIEL D OLSON***	FICO	02/22/2017
	Feb 28, 2017		
DEVELOPED BY:		**OFFICE SYMBOL:**	**DATE:**
THOMAS L. KIRKPATRICK	THOMAS L KIRKPATRICK II Digitally signed by THOMAS L KIRKPATRICK II Date: 2017.01.31 07:04:23 -06'00'	AJV-5423	01/31/2017
APPROVED BY:	*Digitally signed by*	**OFFICE SYMBOL:**	**DATE:**
JULIE MORGAN	***DANIEL D OLSON***	AJV-5420	
	Feb 28, 2017		

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
AMGR, CSM ATCT, ZFW

CHANGES - REASONS:
CHANGED CITY FROM CLINTON TO BURNS FLAT.
UPDATED RWY 35R TAKEOFF OBSTACLE NOTE.

QUALITY 9 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY INT	**BFV VORTAC**	**219.69 / 29.88**	**3600**

MISSED APPROACH

MAP: 5.13 NM AFTER BFV VORTAC OR AT 5.13 DME

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3600 DIRECT BFV VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 2075 AAO 351554N/0991213W
CHART VDP AT 3.95 DME
DISTANCE VDP TO THLD 1.18 NM.
CHART CIRCLING ICON.
BFV VORTAC TO RW35L: 3.01/50.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S BFV VORTAC, LT, 357.55 INBOUND, 3600 FT. IN LIEU OF PT (IAF)**
3. FAC **357.55** FAF **BFV VORTAC** DIST FAF TO MAP **5.13** THLD **5.13**
4. MIN. ALT **BFV VORTAC 3600**
8. MSA FROM: **BFV VORTAC 3800**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35L	**2340**	**1**	**427**												
CIRCLING	**2340**	**1**	**418**	**2380**	**1**	**458**	**2380**	**1 1/2**	**458**	**2620**	**2 1/4**	**698**	**2620**	**2 1/2**	**698**

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17R-35L.

@ CAT D 800-2 1/4, CAT E 800-2 1/2

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BURNS FLAT, OK	**ELEVATION: 1922** **TDZE: 1913** AIRPORT NAME: **CLINTON-SHERMAN**	**BFV**	**VOR RWY 35L, AMDT 12** 27 APRIL 2017	SUP AMDT **11D** DATE **11/23/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 1922 TDZE: 1913 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURNS FLAT, OK	**CLINTON-SHERMAN**	**BFV**	**VOR RWY 35L, AMDT 12** 27 APRIL 2017	AMDT: **11D** DATED: **11/23/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ODINS	GUVEC (FB)	272.44 / 19.34	4000
ROLLS	KEKEC (FB)	077.82 / 18.19	4000
GUVEC (IAF)	JENUM (FB)	262.26 / 8.00	4000
KEKEC (IAF)	JENUM (FB)	082.06 / 8.00	4000
JENUM (IF)	ZEPRO (FB)	172.16 / 7.63	3200
ZEPRO (FAF)	VODUC/2.00 NM TO RW17 (FB)	172.16 / 2.87	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT OSUCU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JENUM
3. FAC: 172.16 FAF: ZEPRO DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: JENUM 4000, ZEPRO 3200, VODUC/2.00 NM TO RW17 2280*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3200 GS ALT AT: ZEPRO 3200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW17 4500

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 352.17 INBOUND.
CHART FAS OBST: 1716 POLE 353357N/0985521W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
CHART VDP AT 1.04 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 93922
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 462.9 M

MAG VAR: 7E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1866	7/8	250	1866	7/8	250	1866	7/8	250		NA				
LNAV/VNAV DA	1866	7/8	250	1866	7/8	250	1866	7/8	250		NA				
LNAV MDA	1980	1	364	1980	1	364	1980	1	364		NA				
CIRCLING	2100	1	484	2220	1	604	2320	2	704		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA TO RWY 13 AND 31.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1616 TDZE: 1616 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, OK	CLINTON RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 3 27 APRIL 2017	AMDT: 2A DATED 04/02/2015

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VODUC/2.00 NM TO RW17	RW17 (MAP) (FO)	172.16 / 2.00	
RW17 (MAP)	1866 MSL	172.16	
1866 MSL	OSUCU (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEATHERFORD ALTIMETER SETTING: INCREASE DA TO 1898 AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WEATHERFORD ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLS ON V210-507 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ODINS ON V17 SOUTHEAST BOUND.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION / TDZE	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1616 TDZE: 1616** AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 3** 27 APRIL 2017	SUP: AMDT: **2A** DATED: **04/02/2015**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	353234.8915N
LTP/FTP LONGITUDE	0985555.8945W
LTP/FTP ELLIPSOIDAL HEIGHT	+04629
FPAP LATITUDE	353105.6655N
FPAP LONGITUDE	0985554.2950W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	858090C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04901
FPAP ORTHOMETRIC HEIGHT	+04901

QUALITY 5 CHECKED

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ARINC SUMMARY - KCLK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ODINS	010	ODINS	IF	FB										E
ODINS	020	GUVEC	TF	FB	2.0	272.4						AA 04000		E A
ODINS	030	JENUM	TF	FB	1.0	262.3						AA 04000		EE B
ROLLS	010	ROLLS	IF	FB										E
ROLLS	020	KEKEC	TF	FB	2.0	077.8						AA 04000		E A
ROLLS	030	JENUM	TF	FB	1.0	082.1						AA 04000		EE B
	010	JENUM	IF	FB								AA 04000		E I
	020	ZEPRO	TF	FB	1.0	172.2				RW17		AA 03200		E F
	021	VODUC	TF	FB	0.3	172.2		3.00				AA 02280	GS 02285	E S
	030	RW17	TF	FO	0.3	172.2		3.00				AT 01648		GY M
	040		CA	FB		172.2						AA 01866		M
	050	OSUCU	DF	FO								AA 04000		EY
	060	OSUCU	HM	FO		352.2			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GUVEC	N354512.59	W0984619.73
JENUM	N354505.94	W0985609.40
KEKEC	N354458.49	W0990559.04
ODINS	N354204.36	W0982253.54
OSUCU	N351920.52	W0985541.77
ROLLS	N354321.88	W0992814.51
VODUC	N353435.06	W0985558.05
ZEPRO	N353727.70	W0985601.15

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N353234.89	W0985555.89	01608	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1616** **TDZE: 1616**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLINTON, OK	AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 3** 27 APRIL 2017	AMDT: **2A**
				DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BFV VORTAC	HUVIV (FB)	045.96 / 8.33	4000
LIONS	YATUN (FB)	263.97 / 29.45	4000
HUVIV (IAF)	OSUCU (FB)	082.09 / 7.00	4000
YATUN (IAF)	OSUCU (FB)	262.25 / 7.00	4000
OSUCU (IF)	RONCY (FB)	352.17 / 7.60	3200
RONCY (FAF)	RW35 (MAP) (FO)	352.16 / 4.91	
RW35 (MAP)	2400 MSL	352.16	2400
2400 MSL	OSUCU (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 4000 DIRECT OSUCU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT OSUCU**
3. FAC: **352.16** FAF: **RONCY** DIST FAF TO MAP: **4.91** THLD: **4.91**
4. MIN. ALT: **OSUCU 4000, RONCY 3200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3200** GS ALT AT: **RONCY 3200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS CLEAR**
8. MSA FROM: **RW35 4500**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 352.17 INBOUND.
FAS OBST: 1790 AAO 352800N/0985611W
1800 AAO 352738N/0985605W
DISTANCE TO THLD FROM 250 HAT: 0.72 NM.
CHART VDP AT 1.31 MILES TO RW35*
***LNAV ONLY.**
WAAS CHANNEL # 70423
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 459.2 M

MAG VAR: **7E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1866**	**7/8**	**250**	**1866**	**7/8**	**250**	**1866**	**7/8**	**250**		**NA**				
LNAV/VNAV DA	**1870**	**7/8**	**254**	**1870**	**7/8**	**254**	**1870**	**7/8**	**254**		**NA**				
LNAV MDA	**2040**	**1**	**424**	**2040**	**1**	**424**	**2040**	**1 1/4**	**424**		**NA**				
CIRCLING	**2100**	**1**	**484**	**2220**	**1**	**604**	**2320**	**2**	**704**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA TO RWY 13 AND 31.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CLINTON, OK	**ELEVATION: 1616 TDZE: 1616** **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	SUP: AMDT: **3A** DATED **04/02/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEATHERFORD ALTIMETER SETTING: INCREASE DA TO 1902 AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WEATHERFORD ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BFV VORTAC AIRWAY RADIALS 055 CW 098.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1616** **TDZE: 1616** AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	SUP: AMDT: **3A** DATED: **04/02/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	353152.3200N
LTP/FTP LONGITUDE	0985555.1225W
LTP/FTP ELLIPSOIDAL HEIGHT	+04592
FPAP LATITUDE	353321.5465N
FPAP LONGITUDE	0985556.7215W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1F354177

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04864
FPAP ORTHOMETRIC HEIGHT	+04864

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KCLK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BFV	010	BFV	IF	FB										V
BFV	020	HUVIV	TF	FB	2.0	046.0						AA 04000		E A
BFV	030	OSUCU	TF	FB	1.0	082.1						AA 04000		EE B
LIONS	010	LIONS	IF	FB										E
LIONS	020	YATUN	TF	FB	2.0	264.0						AA 04000		E A
LIONS	030	OSUCU	TF	FB	1.0	262.3						AA 04000		EE B
	010	OSUCU	IF	FB								AA 04000		E I
	020	RONCY	TF	FB	1.0	352.2				RW35		AA 03200		E F
	030	RW35	TF	FO	0.3	352.2		3.00				AT 01636		GY M
	040		CA	FB		352.2						AA 02400		M
	050	OSUCU	DF	FO					L			AA 04000		EY
	060	OSUCU	HM	FO		352.2			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BFV	N351413.00	W0991222.20
HUVIV	N351914.12	W0990414.97
LIONS	N351901.68	W0981109.44
OSUCU	N351920.52	W0985541.77
RONCY	N352657.18	W0985549.84
YATUN	N351926.31	W0984708.55

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N353152.32	W0985555.12	01596	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1616** **TDZE: 1616**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLINTON, OK	AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	AMDT: **3A**
				DATED: **04/02/2015**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1615** **TDZE:** AIRPORT NAME: **CLINTON RGNL**	**BFV**	**VOR/DME-A, ORIG, 11/23/2006**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BFV VORTAC	EHOMO (FO)	332.15 / 24.66	4000
ROLLS (IAF)	EHOMO (NOPT) (FB)	142.84 / 7.28	4000
EHOMO (IF/IAF)	VOLSE (FB)	174.13 / 6.00	3600
VOLSE (FAF)	RW17 (MAP) (FO)	174.13 / 4.82	
RW17 (MAP)	2263 MSL	174.13	
2263 MSL	ASAZE (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT ASAZE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N EHOMO, RT, 174.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF)**
3. FAC: **174.13** FAF: **VOLSE** DIST FAF TO MAP: **4.82** THLD: **4.82**
4. MIN. ALT: **EHOMO 4000, VOLSE 3600**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3600** GS ALT AT: **VOLSE 3600** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **52.4** **34:1 IS CLEAR**
8. MSA FROM: **RW17 4100**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.13 INBOUND.
FAS OBST: 2270 AAO 352940N/0992422W
DISTANCE TO THLD FROM 250 HAT: 0.62 NM.
CHART VDP AT 1.42 MILES TO RW17*
***LNAV ONLY.**
WAAS CHANNEL # 82408
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 586.3 M

MAG VAR: **6E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2263	3/4	250	2263	3/4	250	2263	3/4	250	2263	3/4	250			
LNAV/VNAV DA	2263	3/4	250	2263	3/4	250	2263	3/4	250	2263	3/4	250			
LNAV MDA	2520	3/4	507	2520	3/4	507	2520	1 3/8	507	2520	1 3/8	507			
CIRCLING	2520	1	507	2680	1	667	2680	1 3/4	667	2740	2 1/4	727			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLS ON V210-507 WESTBOUND.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELK CITY, OK	**ELEVATION: 2013 TDZE: 2013** AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1** DATED **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BFV VORTAC AIRWAY RADIALS 266 CW 055.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/8 MILE ALL CATS; INCREASE LNAV ALL CATS AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS AND LNAV CATS C/D. WHEN USING CLINTON-SHERMAN ALTIMETER SETTING, FOR INOPERATIVE ODALS, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CAT D VISIBILITY TO 1 5/8 MILE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 2013 TDZE: 2013 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	**ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352617.5460N
LTP/FTP LONGITUDE	0992339.3230W
LTP/FTP ELLIPSOIDAL HEIGHT	+05863
FPAP LATITUDE	352448.3090N
FPAP LONGITUDE	0992339.5705W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D290EA61

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06135
FPAP ORTHOMETRIC HEIGHT	+06135

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KELK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BFV	010	BFV	IF	FB										V
BFV	020	EHOMO	TF	FO	2.0	332.2						AA 04000		EY
BFV	030	EHOMO	HF	FO		174.1			R			AA 04000		EE A
ROLLS	010	ROLLS	IF	FB										E A
ROLLS	020	EHOMO	TF	FB	1.0	142.8						AA 04000		EE B
	010	EHOMO	IF	FB								AA 04000		E I
	020	VOLSE	TF	FB	1.0	174.1				RW17		AA 03600		E F
	030	RW17	TF	FO	0.3	174.1		3.00				AT 02065		GY M
	040		CA	FB		174.1						AA 02263		M
	050	ASAZE	DF	FO								AA 04000		EY
	060	ASAZE	HM	FO		354.1			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BFV	N351413.00	W0991222.20
ASAZE	N351418.96	W0992341.31
EHOMO	N353707.69	W0992337.52
ROLLS	N354321.88	W0992814.51
VOLSE	N353107.14	W0992338.52

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N352617.55	W0992339.32	02013	52.4

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **2013** **TDZE: 2013**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **09/25/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ASAZE (IF/IAF)	PETDO (FB)	354.13 / 6.12	3600
PETDO (FAF)	RW35 (MAP) (FO)	354.13 / 4.95	
RW35 (MAP)	2234 MSL	354.13	
2234 MSL	EHOMO (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4000 DIRECT EHOMO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ASAZE, RT, 354.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 354.13 FAF: PETDO DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: ASAZE 4000, PETDO 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: PETDO 3600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.13 INBOUND.
CHART FAS OBST: 2271 TOWER 352257N/0992428W
CHART: 2330 TOWER 352026N/0992401W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.41 MILES TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 53508
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 574.6 M

MAG VAR: 6E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2234	7/8	250	2234	7/8	250	2234	7/8	250	2234	7/8	250			
LNAV/VNAV DA	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393			
LNAV MDA	2560	1	576	2560	1	576	2560	1 5/8	576	2560	1 5/8	576			
CIRCLING	2560	1	547	2680	1	667	2680	1 3/4	667	2740	2 1/4	727			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELK CITY, OK	ELEVATION: 2013 TDZE: 1984 AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 35, AMDT 2 27 APRIL 2017	SUP: AMDT: 1 DATED 09/25/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ASAZE ON V140 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET; INCREASE LPV, LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/8 MILE, AND CAT C/D CIRCLING VISIBILITY 1/4 MILE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 2013 TDZE: 1984 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	**ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	352524.1475N
LTP/FTP LONGITUDE	0992339.4710W
LTP/FTP ELLIPSOIDAL HEIGHT	+05746
FPAP LATITUDE	352653.3845N
FPAP LONGITUDE	0992339.2240W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A7E301D6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06018
FPAP ORTHOMETRIC HEIGHT	+06018

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KELK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ASAZE	010	ASAZE	HF	FO		354.1			R			AA 04000		EE A
	010	ASAZE	IF	FB								AA 04000		E I
	020	PETDO	TF	FB	1.0	354.1				RW35		AA 03600		E F
	030	RW35	TF	FO	0.3	354.1		3.00				AT 02024		GY M
	040		CA	FB		354.1						AA 02234		M
	050	EHOMO	DF	FO								AA 04000		EY
	060	EHOMO	HM	FO		174.1			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ASAZE	N351418.96	W0992341.31
EHOMO	N353707.69	W0992337.52
PETDO	N352026.85	W0992340.30

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N352524.15	W0992339.47	01974	50

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **2013** **TDZE: 1984**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **09/25/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY	MITZI (FO)	153.88 / 15.52	4500
LEPIY	POGIC (FB)	065.51 / 15.65	4500
LIONS	ZUNAP (FB)	259.25 / 20.21	4500
POGIC (IAF)	MITZI (NOPT) (FB)	039.84 / 5.00	4500
ZUNAP (IAF)	MITZI (NOPT) (FB)	308.98 / 5.00	4500
MITZI (IF/IAF)	PENLY (FB)	353.88 / 6.50	3400
PENLY (FAF)	WIXIP/2.50 NM TO RW35 (FB)	353.88 / 2.46	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW35
LNAV: RW35

CLIMB TO 4000 DIRECT ROKOY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 173.88 INBOUND.
CHART FAS OBST: 1724 TREE 353026N/0984016W
CHART FAS OBST: 1761 TWR 353212N/0984042W
CHART: 1772 POLE 352937N/0984007W
WAAS CHANNEL # 97534
REFERENCE PATH ID: W35A
PENLY TO RW35: 3.34/41.
CHART CIRCLING ICON.
LTP HAE: 460.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S MITZI, RT, 353.88 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 353.88 FAF: PENLY DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: MITZI 4500, PENLY 3400, WIXIP/2.50 NM TO RW35 2520
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4500

MAG VAR: 6E EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1980	1	375	1980	1	375	1980	1	375		NA				
LNAV MDA	2020	1	415	2020	1	415	2020	1 1/8	415		NA				
CIRCLING	2080	1	475	2140	1	535	2380	2 1/4	775		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NIGHT LANDING: RWY 17, 35 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 800-2 1/4

QUALITY 18 CHECKED

CITY AND STATE	ELEVATION: 1605 TDZE: 1605 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEATHERFORD, OK	THOMAS P STAFFORD	RNAV	RNAV (GPS) RWY 35, AMDT 3 27 APRIL 2017	AMDT: 2 DATED 08/21/2014

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIXIP/2.50 NM TO RW35	RW35 (MAP) (FO)	353.88 / 2.50	
RW35 (MAP)	1980 MSL	353.88	
1980 MSL	ROKOY (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON RGNL ALTIMETER SETTING: INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAXEY ON V210-507 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEPIY ON V440 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LIONS ON V272 EASTBOUND.

QUALITY 18 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEATHERFORD, OK	**ELEVATION: 1605** **TDZE: 1605** AIRPORT NAME: **THOMAS P STAFFORD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 3** 27 APRIL 2017	SUP: AMDT: **2** DATED: **08/21/2014**

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOJA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	353219.6505N
LTP/FTP LONGITUDE	0984006.5590W
LTP/FTP ELLIPSOIDAL HEIGHT	+04603
FPAP LATITUDE	353348.8865N
FPAP LONGITUDE	0984006.7875W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.34
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	7E004EF7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04873
FPAP ORTHOMETRIC HEIGHT	+04873

QUALITY 18 CHECKED

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ARINC SUMMARY - KOJA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LEPIY	010	LEPIY	IF	FB										E
LEPIY	020	POGIC	TF	FB	2.0	065.5						AA 04500		E A
LEPIY	030	MITZI	TF	FB	1.0	039.8						AA 04500		EE B
LIONS	010	LIONS	IF	FB										E
LIONS	020	ZUNAP	TF	FB	2.0	259.3						AA 04500		E A
LIONS	030	MITZI	TF	FB	1.0	309.0						AA 04500		EE B
WAXEY	010	WAXEY	IF	FB										E
WAXEY	020	MITZI	TF	FO	2.0	153.9						AA 04500		EY
WAXEY	030	MITZI	HF	FO		353.9			R			AA 04500		EE A
	010	MITZI	IF	FB								AA 04500		E I
	020	PENLY	TF	FB	1.0	353.9				RW35		AA 03400		E F
	021	WIXIP	TF	FB	0.3	353.9		3.34				AA 02520 GS 02526		E S
	030	RW35	TF	FO	0.3	353.9		3.34				AT 01640		GY M
	040		CA	FB		353.9						AA 01980		M
	050	ROKOY	DF	FO								AA 04000		EY
	060	ROKOY	HM	FO		173.9			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LEPIY	N351224.90	W0990235.50
LIONS	N351901.68	W0981109.44
MITZI	N352051.00	W0984004.78
PENLY	N352721.40	W0984005.80
POGIC	N351721.74	W0984427.86
ROKOY	N354434.22	W0984008.44
WAXEY	N353526.73	W0984636.32
WIXIP	N352949.42	W0984006.17
ZUNAP	N351718.68	W0983545.38

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N353219.65	W0984006.56	01599	41

QUALITY 18 CHECKED

CITY AND STATE	ELEVATION: **1605** **TDZE: 1605**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEATHERFORD, OK	AIRPORT NAME: **THOMAS P STAFFORD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 3** 27 APRIL 2017	AMDT: **2**
				DATED: **08/21/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JST VORTAC (IAF)	IGOCI INT/JST 17.45 DME (NOPT)	303.23 / 17.45	4200
IGOCI INT/JST 17.45 DME (IF/IAF)	ZINTA INT	232.78 / 6.11 (I-LBE)	3900

MISSED APPROACH

ILS: DA
LOC: 8.53 NM AFTER ZINTA INT

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 056.00 INBOUND.
FAS OBST: 1499 AAO 401849N/0792029W
2199 AAO 402240N/0791328W
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE IGOCI, RT, 232.78 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
3. FAC: 232.78 FAF: ZINTA INT DIST FAF TO MAP: 8.53 THLD: 8.53
4. MIN. ALT: IGOCI 4200, ZINTA 3900, POSER OM 2380*
5. DIST TO THLD FROM OM: 4.21 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 3900 GS ALT AT: ZINTA 3900 OM: 2584 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: JST VORTAC 4400 (28 NM)

MAG VAR: 7W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # LOC: @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	1345	1/2	200	1345	1/2	200	1345	1/2	200	1345	1/2	200			
S-LOC 23	2380	3/4	1235	2380	1	1235	2380	3	1235	2380	3	1235			
CIRCLING	2380	1 1/4	1181	2380	1 1/2	1181	2380	3	1181	2380	3	1181			
POSER OM MINIMUMS															
S-LOC 23	1760	1/2	615	1760	1/2	615	1760	1 3/8	615	1760	1 3/8	615			
CIRCLING	1760	1	561	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON JST VORTAC AIRWAY RADIALS 266 CW 326.
*LOC ONLY
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 23 CATS C/D.
(CONTINUED ON PAGE 2)

#@ NA WHEN CONTROL TOWER CLOSED.
#@ CAT A, B 1200-2, CAT C, D 1200-3

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 ARNOLD PALMER RGNL	I-LBE	ILS OR LOC RWY 23, AMDT 17 27 APRIL 2017	SUP: AMDT: 16A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALS, INCREASE POSER OM MINIMUMS S-LOC 23 CATS C/D VISIBILITY TO 1 3/4 SM.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**I-LBE**	**ILS OR LOC RWY 23, AMDT 17** 27 APRIL 2017	SUP: AMDT: **16A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**I-LBE**	**ILS OR LOC RWY 23, AMDT 17** 27 APRIL 2017	SUP: AMDT: **16A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WETAB (IF/IAF)	ARNIE (FB)	052.66 / 6.10	2700
ARNIE (FAF)	RW05 (MAP) (FO)	052.72 / 4.57	
RW05 (MAP)	1449 MSL	052.72	
1449 MSL	IGOCI (FO)		4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 4200 DIRECT IGOCI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WETAB, RT, 052.66 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 052.72 FAF: ARNIE DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: WETAB 4000, ARNIE 2700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: ARNIE 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.8 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 232.93 INBOUND.
CHART FAS OBST: 1423 TREE 401545N/0792628W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.37 NM TO RW05*
*LNAV ONLY.
WAAS CHANNEL # 70539
REFERENCE PATH ID: W05A
CHART CIRCLING ICON.
LTP HAE: 332.6 M

MAG VAR: 7W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1449	3/4	250	1449	3/4	250	1449	3/4	250	1449	3/4	250			
LNAV/VNAV DA	1716	1 3/4	517	1716	1 3/4	517	1716	1 3/4	517	1716	1 3/4	517			
LNAV MDA	1680	1	481	1680	1	481	1680	1 3/8	481	1680	1 3/8	481			
CIRCLING	1740	1	541	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ CAT C 900-2 1/2, CAT D 900-2 3/4
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 1199 TDZE: 1199 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LATROBE, PA	ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 5, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	323/30 CW 143/30 (NOPT)	323/10 CW 143/10	4900
2.	323/10 CW 143/10	WETAB (IF/IAF) (FB)	4000
3.	143/30 CW 343/30	143/10 CW 343/10	4900
4.	143/10 CW 343/10	WETAB (IF/IAF) (FO)	4000

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1199** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBE
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	401554.8280N
LTP/FTP LONGITUDE	0792515.1755W
LTP/FTP ELLIPSOIDAL HEIGHT	+03326
FPAP LATITUDE	401657.0185N
FPAP LONGITUDE	0792351.7575W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0248
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7EE8E58F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03654
FPAP ORTHOMETRIC HEIGHT	+03654

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1199 AIRPORT NAME: ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 5, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 08/28/2008

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ARINC SUMMARY - KLBE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
WETAB	010	WETAB	HF	FO		052.7			R			AA 04000		EE A
	010	WETAB	IF	FB								AA 04000		E I
	020	ARNIE	TF	FB	1.0	052.7						AA 02700		E F
	030	RW05	TF	FO	0.3	052.7		3.00				AT 01244		GY M
	040		CA	FB		052.7						AA 01449		M
	050	IGOCI	DF	FO	1.0							AA 04200		EY
	060	IGOCI	HM	FO		232.9			R			AA 04200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ARNIE	N401243.19	W0792931.82
IGOCI	N402657.88	W0791022.42
WETAB	N400827.34	W0793513.50

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW05	N401554.83	W0792515.18	01199	44.8

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **1199** **TDZE: 1199**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LATROBE, PA	AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-A**
				DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IGOCI (IF/IAF)	ZINTA (FB)	232.93 / 6.11	3900
ZINTA (FAF)	XICBU/3.00 NM TO RW23 (FB)	232.87 / 5.53	
XICBU/3.00 NM TO RW23	RW23 (MAP) (FO)	232.87 / 3.00	
RW23 (MAP)	1345 MSL	232.87	
1345 MSL	WETAB (FO)		4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 4200 DIRECT WETAB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE IGOCI, RT, 232.93 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
3. FAC: 232.87 FAF: ZINTA DIST FAF TO MAP: 8.53 THLD: 8.53
4. MIN. ALT: IGOCI 4200, ZINTA 3900, XICBU/3.00 NM TO RW23 2140*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3900 GS ALT AT: ZINTA 3900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 052.66 INBOUND.
CHART FAS OBST: 1322 TREE 401613N/0792346W
1979 AAO 402153N/0791442W
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 1.24 NM TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 70499
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: 311.7 M

MAG VAR: 7W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1345	1/2	200	1345	1/2	200	1345	1/2	200	1345	1/2	200			
LNAV/VNAV DA	1498	3/4	353	1498	3/4	353	1498	3/4	353	1498	3/4	353			
LNAV MDA	1580	1/2	435	1580	1/2	435	1580	3/4	435	1580	3/4	435			
CIRCLING	1740	1	541	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ CAT C 900-2 1/2, CAT D 900-2 3/4
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART NOTE: DME/DME RNP-0.3 NA.

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	143/30 CW 323/30 (NOPT)	143/7 CW 343/7	4800
2.	143/7 CW 323/7	IGOCI (IF/IAF) (FB)	4200
3.	323/30 CW 143/30	323/7 CW 143/7	4600
4.	323/7 CW 143/7	IGOCI (IF/IAF) (FO)	4200

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBE
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	401645.6365N
LTP/FTP LONGITUDE	0792407.0285W
LTP/FTP ELLIPSOIDAL HEIGHT	+03117
FPAP LATITUDE	401543.4435N
FPAP LONGITUDE	0792530.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	290B1ECB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03444
FPAP ORTHOMETRIC HEIGHT	+03444

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 AIRPORT NAME: ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 08/28/2008

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ARINC SUMMARY - KLBE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
IGOCI	010	IGOCI	HF	FO		232.9			R			AA 04200		EE A
	010	IGOCI	IF	FB								AA 04200		E I
	020	ZINTA	TF	FB	1.0	232.9						AA 03900		E F
	021	XICBU	TF	FB	0.3	232.9		3.00				AA 02140 GS 02140		E S
	030	RW23	TF	FO	0.3	232.9		3.00				AT 01185		GY M
	040		CA	FB		232.9						AA 01345		M
	050	WETAB	DF	FO	1.0							AA 04200		EY
	060	WETAB	HM	FO		052.7			R			AA 04200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
IGOCI	N402657.88	W0791022.42
WETAB	N400827.34	W0793513.50
XICBU	N401851.23	W0792118.39
ZINTA	N402242.36	W0791607.34

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N401645.64	W0792407.03	01130	55.0

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **1199** **TDZE: 1145**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LATROBE, PA	AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-A**
				DATED: **08/28/2008**

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
LATROBE, PA	ARNOLD PALMER RGNL	27 APRIL 2017	6

TAKEOFF MINIMUMS:

RWY 23, STANDARD.

RWY 5, STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 3300 OR 1700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5 - CLIMB HEADING 037.77 TO 3300 BEFORE PROCEEDING ON COURSE.

RWY 23 - CLIMB HEADING 232.78 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 5: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ARNOLD PALMER RGNL AIRPORT AT OR ABOVE 2700 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5: UTILITY 143 FT FROM DER, 412 FT LEFT OF CENTERLINE, 14 FT AGL/1143 FT MSL. POLES BEGINNING 1184 FT FROM DER, 750 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1184 FT MSL. TREE 2046 FT FROM DER, 234 FT LEFT OF CENTERLINE, 1187 FT MSL. TREE 3077 FT FROM DER, 264 FT RIGHT OF CENTERLINE, 57 FT AGL/1217 FT MSL. TREE 4788 FT FROM DER, 951 FT LEFT OF CENTERLINE, 82 FT AGL/1260 FT MSL.

NOTE: RWY 23, POLE 511 FT FROM DER, 578 FT LEFT OF CENTERLINE, 40 FT AGL/1239 FT MSL. TREES AND POLE BEGINNING 634 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 1256 FT MSL. TREES BEGINNING 1421 FT FROM DER, 774 FT RIGHT OF CENTERLINE, UP TO 1257 FT MSL. TREES BEGINNING 1824 FT FROM DER, 784 FT RIGHT OF CENTERLINE, UP TO 1275 FT MSL. TREES BEGINNING 2656 FT FROM DER, 1161 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/1296 FT MSL. TREE 3093 FT FROM DER, 1193 FT RIGHT OF CENTERLINE, 62 FT AGL/1310 FT MSL. TREES BEGINNING 3106 FT FROM DER, 958 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1322 FT MSL. TREES BEGINNING 3352 FT FROM DER, 1020 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1348 FT MSL.

CONTROLLING OBSTACLES:

RWY 5 (VCOA): 2419 FT MSL AAO 401242.50N/0792252.40W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 5 - 2953 FT MSL TOWER 402030.00N/0791402.00W.

RWY 23 - 2448 FT MSL TOWER 400919.82N/0792542.29W.

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
LATROBE, PA	ARNOLD PALMER RGNL	27 APRIL 2017	6

REMARKS:

1. RWY 5 DEPARTURE COURSE OFFSET 15 DEGREES LEFT OF RUNWAY CENTERLINE TO ACHIEVE BEST TAKEOFF MINIMUMS.
2. SUITABLE NAVAID NOT AVAILABLE TO DEVELOP DEPARTURE PROCEDURE WITH POSITIVE COURSE GUIDANCE (AGC VOR AND CIP VOR ARE SCHEDULED TO BE DECOMMISSIONED AS PART OF VOR MON). A CLIMB GRADIENT WAS ESTABLISHED (220 FT PER NM) TO ENSURE DEAD RECKONING DOES NOT EXCEED 10 NM . A FLIGHT INSPECTION 4D ACCURACY REQUEST FOR THE CONTROLLING OBSTACLE WAS CONSIDERED, HOWEVER, EVEN WITHOUT HORIZONTAL AND VERTICAL ACCURACY ADJUSTMENTS, THE RESULTING THE DEAD RECKONING COURSE EXCEEDED 10 NM.

FLIGHT INSPECTED BY: DURLEY J FELDER	*Digitally signed by* ***JULIE A MORGAN*** Nov 23, 2016	**OFFICE SYMBOL:** FICO	**DATE:** 11/17/2016
DEVELOPED BY: PETER GUIMOND	*Digitally signed by* ***PETER R GUIMOND*** Aug 24, 2016	**OFFICE SYMBOL:** AJV-5412	**DATE:** 08/24/2016
APPROVED BY: MARLON ROBINSON	*Digitally signed by* ***JULIE A MORGAN*** Nov 23, 2016	**OFFICE SYMBOL:** AJV-5410	**DATE:**

REQUIRED EFFECTIVE DATE:

ROUTINE.

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

OTHER:

ZOB, JST APP CON, LBE ATCT, AMGR.

CHANGES - REASONS:

1. REMOVED ALL REFERENCES TO RWY 3 AND RWY 21 - RUNWAY HAS PERMANENTLY CLOSED.
2. AMENDED RWY 5 TAKEOFF MINIMUMS FROM STANDARD TO STANDARD WITH MININUM CLIMB OF 220 FT PER NM TO 3300 OR 1700-3 FOR VCOA - SUITABLE NAVAID NOT AVAILABLE TO ESTABLISH A DEPARTURE PROCEDURE WITH POSITIVE COURSE GUIDANCE. CLIMB GRADIENT REQUIRED TO ENSURE DEAD RECKONING COURSE DOES NOT EXCEED MAXIMUM OF 10 NM.
3. AMENDED RWY 5 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 040.77 TO 3300 BEFORE PROCEEDING ON COURSE TO READ: CLIMB HEADING 037.77 TO 3300 BEFORE PROCEEDING ON COURSE - MAXIMUM 15 DEGREE OFFSET USED TO ESTABLISH BEST TAKEOFF MINIMUMS.
5. ESTABLISHED A VCOA FOR RWY 5 - IN ACCORDANCE WITH CURRENT POLICY TO PROVIDE AN ALTERNATIVE FOR AIRCRAFT UNABLE TO MEET THE 220 FT PER NM CLIMB GRADIENT.
6. AMENDED RWY 23 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 235.78 TO 3000 BEFORE PROCEEDING ON COURSE TO READ: CLIMB HEADING 232.78 TO 2300 BEFORE PROCEEDING ON COURSE - NEW OBSTACLE STUDY.
7. AMENDED CONTROLLING OBSTACLE FOR RWY 23 - FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.
8. AMENDED TAKEOFF OBSTACLE NOTES FOR RWY 5 AND RWY 23 - GROUPED AND FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.

QUALITY 24 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: MAJ NDB/DME

CLIMB TO 1000 ON MAJ NDB/DME BRG-062 THEN CLIMBING RIGHT TURN TO 1300 DIRECT MAJ NDB/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 062.16 INBOUND.
FAS OBST: 208 SHIP'S MAST 070448N/1711425E
CHART 241 MSL TOWER 070721N/1712105E
CHART CIRCLING ICON.
ZADES TO RW07: 2.91/55
FAC CROSSES RWY C/L EXTENDED 2993 FT FROM THLD.

1. PT **L** SIDE OF COURSE **242.16** OUTBOUND **1300** FT WITHIN **10** MILES OF **MAJ NDB/DME** (IAF)
2.
3. FAC **062.16** FAF DIST FAF TO MAP THLD
4. MIN. ALT **ZADES/MAJ 2.20 DME 600**
8. MSA FROM: **MAJ NDB/DME 1300**

MAG VAR: **10E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-07	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**1 3/4**	**593**			
CIRCLING	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**2**	**593**			
ZADES FIX MINIMUMS (DME REQUIRED)															
S-07	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 3/8**	**513**	**520**	**1 3/8**	**513**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

CHECKED 4 QUALITY

CITY AND STATE	ELEVATION: 7 TDZE: 7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**MAJ**	**NDB RWY 7, AMDT 1A** 27 APRIL 2017	AMDT **1** DATE **08/20/2015**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: MAJ NDB/DME

CLIMB TO 1000 ON MAJ NDB/DME BRG-249 THEN CLIMBING RIGHT TURN TO 1300 DIRECT MAJ NDB/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 249.07 INBOUND.
FAS OBST: 208 SHIP'S MAST 070513N/1711700E
CHART 241 TOWER 070721N/1712105E
TIVIE TO RW25: 2.95/46.
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 2996 FT FROM THLD.

1. PT **L** SIDE OF COURSE **069.07** OUTBOUND **1300** FT WITHIN **10** MILES OF **MAJ NDB** (IAF)
2.
3. FAC **249.07** FAF DIST FAF TO MAP THLD
4. MIN. ALT **TIVIE/MAJ 2.58 DME 600**
8. MSA FROM: **MAJ NDB/DME 1300**

MAG VAR: **10E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-25	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**1 3/4**	**593**			
CIRCLING	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**2**	**593**			
TIVIE FIX MINIMUMS (DME REQUIRED)															
S-25	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 3/8**	**513**	**520**	**1 3/8**	**513**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

CHECKED 4 QUALITY

CITY AND STATE	ELEVATION: 7 TDZE: 7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**MAJ**	**NDB RWY 25, AMDT 1A** 27 APRIL 2017	AMDT **1** DATE **08/20/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EFAHU	**KUHEK (TF) (FB) (RNP 2.00)**	**242.17 / 40.32**	**2000**
WOZTI	**NOFKE (TF) (FB) (RNP 2.00)**	**123.74 / 17.48**	**2000**
NOFKE (IAF)	**OGEVE (NOPT) (TF) (FB) (RNP 1.00)**	**123.58 / 5.00**	**1700**
KUHEK (IAF)	**OGEVE (NOPT) (TF) (FB) (RNP 1.00)**	**156.19 / 5.00**	**1700**
OGEVE (IF/IAF)	**UFUZO (TF) (FB) (RNP 1.00)**	**066.19 / 5.00**	**1700**
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW07

CLIMB TO 1700 DIRECT TOZTU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 246.23 INBOUND.
CHART CIRCLING ICON.
UFUZO WP TO RW07: 3.09/54.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW OGEVE, LT, 066.19 INBOUND, 2000 FT. IN LIEU OF PT (IAF)**
3. FAC: **066.20** FAF: **UFUZO** DIST FAF TO MAP: **5.00** THLD: **5.00**
4. MIN. ALT: **OGEVE 1700, UFUZO 1700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW07 1300**

MAG VAR: **10E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**460**	**1**	**453**	**460**	**1**	**453**	**460**	**1 3/8**	**453**	**460**	**1 3/8**	**453**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 4

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MAJURO ATOLL, RM	**ELEVATION: 7 TDZE: 7** AIRPORT NAME: **MARSHALL ISLANDS INTL**	**RNAV**	**RNAV (GPS) RWY 7, ORIG-D** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED **04/05/2012**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UFUZO (FAF)	RW07 (MAP) (TF) (FO) (RNP 0.30)	066.20 / 5.00	
RW07 (MAP)	407 MSL	066.20	
407 MSL	TOZTU (DF) (FO) (RNP 1.00)		1700

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 7 TDZE: 7	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MAJURO ATOLL, RM	AIRPORT NAME: MARSHALL ISLANDS INTL	RNAV	RNAV (GPS) RWY 7, ORIG-D 27 APRIL 2017	AMDT: ORIG-C
				DATED: 04/05/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOZTI	**ZIVZU (TF) (FB) (RNP 2.00)**	**088.87 / 36.17**	**2000**
EFAHU	**NUGWO (TF) (FB) (RNP 2.00)**	**223.65 / 15.49**	**2000**
NUGWO (IAF)	**TOZTU (NOPT) (TF) (FB) (RNP 1.00)**	**223.63 / 5.00**	**1700**
ZIVZU (IAF)	**TOZTU (NOPT) (TF) (FB) (RNP 1.00)**	**156.23 / 5.00**	**1700**
TOZTU (IF/IAF)	**IMUFO (TF) (FB) (RNP 1.00)**	**246.23 / 5.00**	**1700**
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW25

CLIMB TO 1700 DIRECT OGEVE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 066.19 INBOUND.
CHART FAS OBST: 208 208' SHIP 070345N/1711722W
CHART CIRCLING ICON.
IMUFO WP TO RW25: 3.09/54.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE TOZTU, LT, 246.23 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**
3. FAC: **246.22** FAF: **IMUFO** DIST FAF TO MAP: **5.00** THLD: **5.00**
4. MIN. ALT: **TOZTU 1700, IMUFO 1700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW25 1300**

MAG VAR: **10E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**460**	**1**	**453**	**460**	**1**	**453**	**460**	**1 3/8**	**453**	**460**	**1 3/8**	**453**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 7 TDZE: 7 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-D** 27 APRIL 2017	AMDT: **ORIG-C** DATED **04/05/2012**

QUALITY 4 CHECKED

FAA FORM 8260 - 3 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IMUFO (FAF)	RW25 (MAP) (TF) (FO) (RNP 0.30)	246.22 / 5.00	
RW25 (MAP)	407 MSL (CA)	246.22	
407 MSL	OGEVE (DF) (FO) (RNP 1.00)		1700

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MAJURO ATOLL, RM	ELEVATION: 7 TDZE: 7 AIRPORT NAME: MARSHALL ISLANDS INTL	RNAV	RNAV (GPS) RWY 25, ORIG-D 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: ORIG-C DATED: 04/05/2012

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MILLINGTON, TN	MILLINGTON RGNL JETPORT	27 APRIL 2017	ORIG-A

TAKEOFF MINIMUMS:
RWY 22: STANDARD.
RWY 4: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 600, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 4, TREE 62 FT FROM DER, 339 FT LEFT OF CENTERLINE, 365 FT MSL. TREES BEGINNING 79 FT FROM DER, 487 FT LEFT OF CENTERLINE, UP TO 382 FT MSL. GRD 97 FT FROM DER, 326 FT RIGHT OF CENTERLINE, 323 FT MSL. GRD 290 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 328 FT MSL. FENCE BEGINNING 318 FT FROM DER, 488 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/336 FT MSL. TREE 587 FT FROM DER, 591 FT RIGHT OF CENTERLINE, 368 FT MSL. TREE 1967 FT FROM DER, 119 FT RIGHT OF CENTERLINE, 370 FT MSL. TREE 2198 FT FROM DER, 319 FT RIGHT OF CENTERLINE, 376 FT MSL. TREE 2242 FT FROM DER, 924 FT LEFT OF CENTERLINE, 409 FT MSL. TREE 2354 FT FROM DER, 865 FT RIGHT OF CENTERLINE, 410 FT MSL. TREES BEGINNING 2382 FT FROM DER, 910 FT RIGHT OF CENTERLINE, UP TO 428 FT MSL. TREES BEGINNING 2408 FT FROM DER, 952 FT LEFT OF CENTERLINE, UP TO 422 FT MSL. TREES BEGINNING 2670 FT FROM DER, 1202 FT RIGHT OF CENTERLINE, UP TO 431 FT MSL. TREES BEGINNING 3274 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 444 FT MSL. TREES BEGINNING 3664 FT FROM DER, 1121 FT LEFT OF CENTERLINE, UP TO 426 FT MSL. TREE 3867 FT FROM DER, 1021 FT LEFT OF CENTERLINE, 428 FT MSL. TREES BEGINNING 3920 FT FROM DER, 802 FT LEFT OF CENTERLINE, UP TO 433 FT MSL. TREES BEGINNING 4022 FT FROM DER, 254 FT LEFT OF CENTERLINE, UP TO 434 FT MSL. TREES BEGINNING 4191 FT FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 448 FT MSL. TREES BEGINNING 4194 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 455 FT MSL. TREES BEGINNING 4255 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 457 FT MSL. TREES BEGINNING 4293 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 456 FT MSL. TREES BEGINNING 4511 FT FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 459 FT MSL. TREES BEGINNING 4751 FT FROM DER, 585 FT RIGHT OF CENTERLINE, UP TO 471 FT MSL. TREE 5332 FT FROM DER, 1693 FT LEFT OF CENTERLINE, 465 FT MSL. TREES BEGINNING 5356 FT FROM DER, 1674 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREE 5476 FT FROM DER, 1873 FT LEFT OF CENTERLINE, 484 FT MSL. TREES BEGINNING 5606 FT FROM DER, 1797 FT LEFT OF CENTERLINE, UP TO 489 FT MSL.

NOTE: RWY 22, GRD 44 FT FROM DER, 484 FT LEFT OF CENTERLINE, 278 FT MSL. TREE 197 FT FROM DER, 497 FT LEFT OF CENTERLINE, 289 FT MSL. TREES BEGINNING 1368 FT FROM DER, 291 FT RIGHT OF CENTERLINE, UP TO 335 FT MSL. TREES BEGINNING 3439 FT FROM DER, 1257 FT RIGHT OF CENTERLINE, UP TO 371 FT MSL. TREE 3835 FT FROM DER, 670 FT RIGHT OF CENTERLINE, 374 FT MSL.

CONTROLLING OBSTACLES:
RWY 4: 489 FT MSL TREE 352250.07N/0895119.21W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 474 FT MSL TREE 352251.20N/0895115.45W (VISIBILITY).

REMARKS:

			OFFICE SYMBOL:	DATE:
FLIGHT INSPECTED BY: PENDING	CLINT PALMER	*Digitally signed by* ***ADOLFO D URRUTIA*** Feb 28, 2017	FICO	02/21/2017
DEVELOPED BY: TOMMY BYRNS	*Digitally signed by* ***TOMMY BYRNS*** Jan 11, 2017		OFFICE SYMBOL: AJV-5411	DATE:
APPROVED BY: GEORGE DAVIS	*Digitally signed by* ***ADOLFO D URRUTIA*** Feb 28, 2017		OFFICE SYMBOL: AJV-5410	DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

QUALITY 24 CHECKED

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MILLINGTON, TN	MILLINGTON RGNL JETPORT	27 APRIL 2017	ORIG-A

OTHER:
ZME, MEM ATCT, AMGR

CHANGES - REASONS:
CHANGES:
1. ADDED CLIMB GRADIENT FOR RWY 4 FROM STANDARD TO 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 600, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FEET PRIOR TO DER.
2. ADDED TAKEOFF OBSTACLE NOTES.

REASONS:
1. NEW CONTROLLING OBSTACLE FOR RWY 4 (KNQAT0651) 489 FT MSL TREE 352250.07N/0895119.21W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 474 FT MSL TREE 352251.20N/0895115.45W (VISIBILITY).
2. CURRENT SURVEY IDENTIFIES NUMEROUS LOW CLOSE IN OBSTRUCTIONS NOT PREVIOUSLY IDENTIFIED.

QUALITY 24 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HINOD	ZEBEG (FO)	195.21 / 17.76	7000
BGD VORTAC	YEKUY (FB)	096.86 / 27.57	7000
WUDPI	HULOG (FB)	342.45 / 17.25	7000
YEKUY (IAF)	ZEBEG (NOPT) (FB)	098.25 / 8.00	7000
HULOG (IAF)	ZEBEG (NOPT) (FB)	340.37 / 9.00	7000
ZEBEG (IF/IAF)	OCGAK (FB)	038.23 / 11.88	4500
OCGAK (FAF)	ALLIB/3.10 NM TO RW04 (FB)	038.36 / 3.41	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 7000 DIRECT ZIGUG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW ZEBEG, RT, 038.23 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 038.36 FAF: OCGAK DIST FAF TO MAP: 6.51 THLD: 6.51
4. MIN. ALT: ZEBEG 7000, OCGAK 4500, ALLIB/3.10 NM TO RW04 3400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4500 GS ALT AT: OCGAK 4500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 38.0 34:1 IS CLEAR
8. MSA FROM: RW04 4600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.54 INBOUND.
CHART FAS OBST: 2523 TREE 355300N/1002431W
CHART 2668 RD (N) 355053N/1002646W.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.11 MILES TO RW04*
*LNAV ONLY.
WAAS CHANNEL # 42637
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 699.5 M

MAG VAR: 6E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2637	1	250	2637	1	250	2637	1	250	2637	1	250			
LNAV/VNAV DA	2684	1	297	2684	1	297	2684	1	297	2684	1	297			
LNAV MDA	2780	1	393	2780	1	393	2780	1 1/8	393	2780	1 1/8	393			
CIRCLING	3040	1	644	3040	1	644	3280	2 3/4	884	3340	3	944			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING NA TO RWY 18 AND 36.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 900-2 3/4, CAT D 1000-3

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CANADIAN, TX	ELEVATION: 2396 TDZE: 2387 HEMPHILL COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 2 27 APRIL 2017	SUP: AMDT: 1 DATED 11/13/2014

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALLIB/3.10 NM TO RW04	RW04 (MAP) (FO)	038.36 / 3.10	
RW04 (MAP)	2637 MSL	038.36	
2637 MSL	ZIGUG (FO)		7000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAGE ALTIMETER SETTING: INCREASE LPV DA TO 2751 AND ALL VISIBILITIES 1/4 MILE AND LNAV/VNAV DA TO 2798 AND ALL VISIBILITIES 3/8 MILE; INCREASE ALL MDA 120 FT AND VISIBILITY LNAV CAT C AND D AND CIRCLING CAT C 1/4 MILE.
CHART NOTE: VPD AND BARO-VNAV NA WHEN USING GAGE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HINOD ON V12-280 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BGD VORTAC AIRWAY RADIALS 050 CW 096.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WUDPI ON V140 EASTBOUND.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CANADIAN, TX	**ELEVATION: 2396** **TDZE: 2387** AIRPORT NAME: **HEMPHILL COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1** DATED: **11/13/2014**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHHF
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	355324.5300N
LTP/FTP LONGITUDE	1002437.1300W
LTP/FTP ELLIPSOIDAL HEIGHT	+06995
FPAP LATITUDE	355428.2650N
FPAP LONGITUDE	1002320.3765W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	13A63499

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07277
FPAP ORTHOMETRIC HEIGHT	+07277

QUALITY 16 CHECKED

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ARINC SUMMARY - KHHF

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BGD	010	BGD	IF	FB										V
BGD	020	YEKUY	TF	FB	2.0	096.9						AA 07000		E A
BGD	030	ZEBEG	TF	FB	1.0	098.3						AA 07000		EE B
HINOD	010	HINOD	IF	FB										E
HINOD	020	ZEBEG	TF	FO	2.0	195.2						AA 07000		EY
HINOD	030	ZEBEG	HF	FO		038.2			R			AA 07000		EE A
WUDPI	010	WUDPI	IF	FB										E
WUDPI	020	HULOG	TF	FB	2.0	342.5						AA 07000		E A
WUDPI	030	ZEBEG	TF	FB	1.0	340.4						AA 07000		EE B
	010	ZEBEG	IF	FB								AA 07000		E I
	020	OCGAK	TF	FB	1.0	038.2				RW04		AA 04500		E F
	021	ALLIB	TF	FB	0.3	038.4		3.00				AA 03400 GS 03413		E S
	030	RW04	TF	FO	0.3	038.4		3.00				AT 02425		GY M
	040		CA	FB		038.4						AA 02637		M
	050	ZIGUG	DF	FO								AA 07000		EY
	060	ZIGUG	HM	FO		218.5			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BGD	N354825.46	W1012255.75
ALLIB	N355111.44	W1002717.25
HINOD	N355648.98	W1003231.55
HULOG	N353128.03	W1003748.64
OCGAK	N354844.80	W1003013.41
WUDPI	N351432.26	W1003334.73
YEKUY	N354212.27	W1004955.87
ZEBEG	N354013.58	W1004024.87
ZIGUG	N360552.40	W1000933.74

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW04	N355324.53	W1002437.13	02387	38

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **2396** **TDZE: 2387**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CANADIAN, TX	AIRPORT NAME: **HEMPHILL COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **11/13/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 11 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
KERRVILLE, TX	**ELEVATION: 1617** **TDZE: 1589** AIRPORT NAME: **KERRVILLE MUNI/LOUIS SCHREINER FLD**	**ERV**	**NDB RWY 30, AMDT 4, 10/27/2005**	SUP AMDT **3A** DATE **2/11/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UIM VOR/DME	AVZ NDB	253.07/45.19	2500

MISSED APPROACH

MAP: **2.83 MILES AFTER AVZ NDB.**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT AVZ NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 192.75 INBOUND.
CHART FAS OBST: 665 TOWER 324417N/0961647W
AVZ NDB TO RW17: 3.60/45
CHART AIRPORT ELEVATION 474 FEET, TDZE 474.
FAC CROSSES RWY C/L EXTENDED 3 FEET FROM THLD.

1. PT **L** SIDE OF COURSE **012.75** OUTBOUND **2500** FT WITHIN **10** MILES OF **AVZ NDB** (IAF)
2.
3. FAC **192.75** FAF **AVZ NDB** DIST FAF TO MAP **2.83** THLD **2.83**
4. MIN. ALT **AVZ NDB 1600**
8. MSA FROM: **AVZ NDB 2400**

MAG VAR: **6E** EPOCH YEAR: **85**

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY ====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA
S-17	**980**	**1**	**506**	**980**	**1**	**506**	**980**	**1 1/2**	**506**		**NA**				
CIRCLING	**980**	**1**	**506**	**980**	**1**	**506**	**980**	**1 1/2**	**506**		**NA**				

NOTES: **CHART NOTES: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT. IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL MDAs 80 FEET.**
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 474 TDZE: 474 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP AMDT 3 DATE 05/28/1996
TERRELL, TX	**TERRELL MUNI**	**AVZ**	**NDB RWY 17, AMDT 4** 27 APRIL 2017	

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT____ SIDE OF COURSE____ OUTBOUND____ FT WITHIN____ MILES OF _____ (IAF)
2. _____
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: _____
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: _____
8. MSA FROM: _____

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WHEELER, TX	**ELEVATION: 2470 TDZE: 2465** AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A, 04/02/2015**	SUP: AMDT: **ORIG** DATED **10/20/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT____ SIDE OF COURSE____ OUTBOUND____ FT WITHIN____ MILES OF _____ (IAF)
2. _____
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: _____
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: _____
8. MSA FROM: _____

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: 2470	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG-A, 04/02/2015**	AMDT: **ORIG**
				DATED **10/20/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRISC	FIVWI (FB)	045.65 / 10.98	7000
OKWUS (IAF)	LUDIY (FB)	264.78 / 8.00	7000
FIVWI (IAF)	LUDIY (FB)	084.59 / 7.50	7000
EYMUV (IAF)	LUDIY (FB)	174.68 / 15.93	7000
LUDIY (IF)	VUGKU (FB)	174.68 / 9.00	4300
VUGKU (FAF)	YIBUL/2.50 NM TO RW17 (FB)	174.68 / 3.24	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW17

CLIMB TO 7000 DIRECT XANZI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.69 INBOUND.
CHART FAS OBST: 2544 TREE 352705N/1001236W
VUGKU TO RW17: 3.00/40.
CHART CIRCLING ICON.
CHART HEMPHILL COUNTY AWOS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT LUDIY**
3. FAC: **174.68** FAF: **VUGKU** DIST FAF TO MAP: **5.74** THLD:
4. MIN. ALT: **LUDIY 7000, VUGKU 4300, YIBUL/2.50 NM TO RW17 3260**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT:
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW17 4600**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**2980**	**1**	**510**	**3000**	**1**	**530**	**3020**	**1 1/2**	**550**		**NA**				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE HEMPHILL COUNTY ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRISC ON V272-440 WESTBOUND.
CHART PLANVIEW NOTE ADJACENT TO OKWUS: RADAR REQUIRED.

QUALITY 23 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
WHEELER, TX	**ELEVATION: 2470 TDZE:** AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG** 27 APRIL 2017	SUP: AMDT: **NONE** DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YIBUL/2.50 NM TO RW17	RW17 (MAP) (FO)	174.68 / 2.50	
RW17 (MAP)	2870 MSL	174.68	
2870 MSL	XANZI (FO)		7000

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	WHEELER MUNI	RNAV	RNAV (GPS)-A, ORIG 27 APRIL 2017	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - T59

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRISC	010	BRISC	IF	FB										E
BRISC	020	FIVWI	TF	FB	2.0	045.7						AA 07000		E A
BRISC	030	LUDIY	TF	FB	1.0	084.6						AA 07000		EE B
EYMUV	010	EYMUV	IF	FB										E A
EYMUV	020	LUDIY	TF	FB	1.0	174.7						AA 07000		EE B
OKWUS	010	OKWUS	IF	FB										E A
OKWUS	020	LUDIY	TF	FB	1.0	264.8						AA 07000		EE B
	010	LUDIY	IF	FB								AA 07000		E I
	020	VUGKU	TF	FB	1.0	174.7				RW17		AA 04300		E F
	021	YIBUL	TF	FB	0.3	174.7		3.00				AA 03260 GS 03267		E S
	030	RW17	TF	FO	0.3	174.7		3.00				AT 02471		GY M
	040		CA	FB		174.7						AA 02870		M
	050	XANZI	DF	FO								AA 07000		EY
	060	XANZI	HM	FO		354.7			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BRISC	N353506.86	W1003143.58
EYMUV	N355804.53	W1001212.44
FIVWI	N354204.57	W1002118.35
LUDIY	N354207.44	W1001205.84
OKWUS	N354209.72	W1000216.49
VUGKU	N353306.63	W1001202.14
XANZI	N351234.70	W1001153.93
YIBUL	N352951.70	W1001200.81

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N352721.47	W1001159.78	02431	

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: **2470** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-A, 0RIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRISC	WUXOR (FB)	159.06 / 23.48	7000
WUDPI	WUXOR (FB)	099.27 / 8.22	7000
ZASPA (IAF)	XANZI (FB)	264.78 / 8.00	7000
WUXOR (IAF)	XANZI (FB)	084.50 / 9.80	7000
XANZI (IF)	IYTEY (FB)	354.69 / 9.50	4000
IYTEY (FAF)	JOKDI/2.51 NM TO RW35 (FB)	354.69 / 2.17	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW35

CLIMB TO 7000 DIRECT LUDIY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.68 INBOUND.
CHART FAS OBST: 2624 TREE 352501N/1001233W
IYTEY TO RW35: 3.00/40.
CHART CIRCLING ICON.
CHART HEMPHILL COUNTY AWOS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT XANZI**
3. FAC: **354.69** FAF: **IYTEY** DIST FAF TO MAP: **4.68** THLD:
4. MIN. ALT: **XANZI 7000, IYTEY 4000, JOKDI/2.51 NM TO RW35 3300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW35 4600**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**2980**	**1**	**510**	**3000**	**1**	**530**	**3020**	**1 1/2**	**550**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE HEMPHILL COUNTY ALTIMETER SETTING.
CHART PLANVIEW NOTE ADJACENT TO ZASPA: RADAR REQUIRED.
(CONTINUED ON PAGE 2)

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: / AMDT: / DATED
WHEELER, TX	**WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	**NONE**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOKDI/2.51 NM TO RW35	RW35 (MAP) (FO)	354.69 / 2.51	
RW35 (MAP)	2870 MSL	354.69	
2870 MSL	LUDIY (FO)		7000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRISC ON V272-440 WESTBOUND AND V402-440 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WUDPI ON V140 WESTBOUND.

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	**WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - T59

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRISC	010	BRISC	IF	FB										E
BRISC	020	WUXOR	TF	FB	2.0	159.1						AA 07000		E A
BRISC	030	XANZI	TF	FB	1.0	084.5						AA 07000		EE B
WUDPI	010	WUDPI	IF	FB										E
WUDPI	020	WUXOR	TF	FB	2.0	099.3						AA 07000		E A
WUDPI	030	XANZI	TF	FB	1.0	084.5						AA 07000		EE B
ZASPA	010	ZASPA	IF	FB										E A
ZASPA	020	XANZI	TF	FB	1.0	264.8						AA 07000		EE B
	010	XANZI	IF	FB								AA 07000		E I
	020	IYTEY	TF	FB	1.0	354.7				RW35		AA 04000		E F
	021	JOKDI	TF	FB	0.3	354.7		3.00				AA 03300 GS 03309		E S
	030	RW35	TF	FO	0.3	354.7		3.00				AT 02510		GY M
	040		CA	FB		354.7						AA 02870		M
	050	LUDIY	DF	FO								AA 07000		EY
	060	LUDIY	HM	FO		174.7			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BRISC	N353506.86	W1003143.58
IYTEY	N352205.59	W1001157.69
JOKDI	N352415.99	W1001158.55
LUDIY	N354207.44	W1001205.84
WUDPI	N351432.26	W1003334.73
WUXOR	N351230.10	W1002351.47
XANZI	N351234.70	W1001153.93
ZASPA	N351236.91	W1000208.16

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N352646.78	W1001159.55	02470	

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: **2470** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HATh, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WHEELER, TX	**ELEVATION: 2470 TDZE:** AIRPORT NAME: **WHEELER MUNI**	**SYO**	**VOR/DME-A, AMDT 2, 10/20/2011**	SUP **VOR/DME OR GPS-A** AMDT **1A** DATE **05/07/2009**

FAA FORM 8260-5 / April 2006 (computer generated)

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31126; Amdt. No. 3740]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center online at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Procedures Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (NFDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR §97.20. The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained on FAA form documents is unnecessary.

This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and Takeoff Minimums and ODP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP and Takeoff Minimums and ODP as modified by FDC permanent NOTAMs.

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied only to specific conditions existing at the affected

airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore-- (1) is not a “significant regulatory action” under Executive Order 12866;(2) is not a “significant rule” under DOT regulatory Policies and Procedures (44 FR 11034; February 26, 1979) ; and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on **MARCH 10, 2017.**

John S. Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (14 CFR part 97), is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, effective at 0901 UTC on the dates specified, as follows:

PART 97 – STANDARD INSTRUMENT APPROACH PROCEDURES

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(f), 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
27-Apr-17	AK	Kenai	Kenai Muni	7/9573	2/28/17	RNAV (GPS) RWY 20R, Amdt 3

AIRAC Date: 27 APRIL 2017

FDC **7/9573** ENA IAP KENAI MUNI, KENAI, AK. RNAV (GPS) RWY 20R, AMDT 3... DELETE NOTE: NIGHT LANDING: RWY 2L, 20R NA. CHART NOTE: CIRCLING RWY 2R, 20L NA AT NIGHT. THIS IS RNAV (GPS) RWY 20R, AMDT 3A. 1702011400-PERM

U.S. Department
of Transportation

800 Independence Ave., S.W.
Washington, D.C. 20591

**Federal Aviation
Administration**

Transmittal Letter 17-09 **March 10, 2017**

**PREPARED BY THE AERONAUTICAL INFORMATION GROUP, AJV-53
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

The enclosed Standard Instrument Approach Procedures, Departure Procedures/Takeoff Minimums and Fix Actions are effective as indicated.

The following are corrected copies of procedures previously published in TL 17-07 on February 10, 2017, and in TL 17-08 on February 24, 2017.

Bolingbrook, IL, Bolingbrook's Clow Intl, RNAV (GPS)-B, Amdt 1
Bolingbrook, IL, Bolingbrook's Clow Intl, VOR-A, Amdt 1
Kokomo, IN, Kokomo Muni, ILS OR LOC RWY 23, Amdt 10C
Silver Springs, NV, Silver Springs, RNAV (GPS) RWY 24, Orig
South Hill, VA, Mecklenburg-Brunswick Rgnl, RNAV (GPS) RWY 19, Amdt 1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOT VORTAC	COTRI (TF) (FO) (RNP 2.00)	102.59 / 8.91	2300
COTRI (IF/IAF)	CAKVO (TF) (FB) (RNP 1.00)	002.34 / 5.00	2300
CAKVO (FAF)	RW36 (MAP) (TF) (FO) (RNP 0.30)	002.34 / 5.03	
RW36 (MAP)	1075 MSL (CA)	002.34	
1075 MSL	JOT VORTAC (DF) (FO) (RNP 1.00)		2300

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

LNAV: RW36

CLIMBING LEFT TURN TO 2300 DIRECT JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 051.00 INBOUND.
FAS OBST: 870 AAO 413802N/0880705W
CHART LEWIS UNIVERSITY AWOS-3
CHART CIRCLING ICON.
CAKVO TO RW36: 3.00/40.
CHART AIRPORT ELEV: 675

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S COTRI, RT, 002.34 INBOUND, 2300 FT. IN LIEU OF PT (IAF)**
3. FAC: **002.34** FAF: **CAKVO** DIST FAF TO MAP: **5.03** THLD:
4. MIN. ALT: **COTRI 2300, CAKVO 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW36 3400**

MAG VAR: **4W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**1160**	**1**	**485**	**1220**	**1**	**545**		**NA**			**NA**				

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JOT VORTAC ON V8 WESTBOUND AND V171-429 NORTHBOUND.
CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE JOLIET ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BOLINGBROOK, IL	**ELEVATION: 675** **TDZE:** AIRPORT NAME: **BOLINGBROOK'S CLOW INTL**	**RNAV**	**RNAV (GPS)-B, AMDT 1** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG** DATED **06/13/2002**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOT VORTAC (IF/IAF)	**HARIE INT/JOT 7.00 DME**	**041.42 / 7.00**	**2000**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

MAP: 5.16 NM AFTER HARIE INT/JOT 7.00 DME OR AT JITOK/12.16 DME FIX

CLIMBING RIGHT TURN TO 2200 DIRECT JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 916 TOWER 413814N/0881234W
CHART LEWIS UNIVERSITY AWOS-3
FAC CROSSES MIDPOINT OF RWY 18/36.
CHART CIRCLING ICON.
CHART AIRPORT ELEV: 675

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW JOT VORTAC, RT, 051.00 INBOUND, 2200 FT. IN LIEU OF PT (IAF)**
3. FAC **041.42** FAF **HARIE INT/JOT 7.00 DME** DIST FAF TO MAP **5.16** THLD ____
4. MIN. ALT **JOT VORTAC 2200, HARIE 2000**
8. MSA FROM: **JOT VORTAC 2600**

MAG VAR: **2E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1180**	**1**	**505**	**1220**	**1**	**545**		**NA**			**NA**				

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON JOT VORTAC AIRWAY RADIALS 171 CW 328.
CHART NOTE: USE LEWIS UNIVERSITY ALTIMETER SETTING, WHEN NOT RECEIVED, USE JOLIET ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CITY AND STATE	ELEVATION: 675 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BOLINGBROOK, IL	**BOLINGBROOK'S CLOW INTL**	**JOT**	**VOR-A, AMDT 1** 27 APRIL 2017	SUP QUALITY 4 CHECKED / AMDT **ORIG** / DATE **02/16/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC	WOXOG INT/OKK VORTAC 4.54 DME	048.90 / 4.54	2400

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-07.

MISSED APPROACH

ILS: DA
LOC: 4.20 NM AFTER WOXOG INT/OKK 4.54 DME

CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 2600 DIRECT OKK VORTAC AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2600 DIRECT MZZ VOR/DME AND HOLD.

1. PT R SIDE OF COURSE 049.94 OUTBOUND 2400 FT WITHIN 10 MILES OF WOXOG (IAF)
2.
3. FAC: 229.94 FAF: WOXOG INT/OKK VORTAC 4.54 DME DIST FAF TO MAP: 4.20 THLD: 4.20
4. MIN. ALT: WOXOG INT/OKK VORTAC 4.54 DME 2200, FROWN INT/OKK VORTAC 2.04 DME 1300*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 760
6. MIN GS INCPT: 2200 GS ALT AT: WOXOG 2200 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 44.1
8. MSA FROM: OKK VORTAC 2900

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 224.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW MZZ VOR/DME, LT, 067.00 INBOUND.
CHART FAS OBST: 959 TREE 403322N/0860134W
CHART VDP AT 1.46 DME*
DISTANCE VDP TO THLD 1.12 NM.
*LOC ONLY.
CHART IN PLANVIEW: MZZ VOR/DME.
CHART CIRCLING ICON.
CHART IN PLANVIEW: (CFVNG) (403910.89N/0855346.72W).

MAG VAR: 5W EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	1027	1/2	200	1027	1/2	200	1027	1/2	200	1027	1/2	200			
S-LOC 23	1300	1/2	473	1300	1/2	473	1300	1	473	1300	1	473			
CIRCLING	1300	1	468	1300	1	468	1400	1 1/2	568	1640	2 1/2	808			
FROWN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)															
S-LOC 23	1220	1/2	393	1220	1/2	393	1220	3/4	393	1220	3/4	393			
CIRCLING	1260	1	428	1300	1	468	1400	1 1/2	568	1640	2 1/2	808			

NOTES:
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 011 CW 107.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
# CAT D 900-2 1/2
@ CAT D 900-2 1/2

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 832 TDZE: 827	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KOKOMO, IN	AIRPORT NAME: KOKOMO MUNI	I-OKK	ILS OR LOC RWY 23, AMDT 10C, 04/27/2017	AMDT: 10B
				DATED 06/23/2016

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HZN VORTAC (IF/IAF)	ZEKEM (TF) (FB) (RNP 1.00)	215.47 / 3.54	7000
ZEKEM	ZUTZA (TF) (FB) (RNP 1.00)	221.75 / 3.63	6200
ZUTZA (FAF)	RW24 (MAP) (TF) (FO) (RNP 0.30)	236.18 / 6.11	
RW24 (MAP)	6900 MSL	236.18	6900
6900 MSL	HZN VORTAC (DF) (FO) (RNP 1.00)		9900

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-08.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 6900 THEN CLIMBING LEFT TURN TO 9900 DIRECT HZN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9900.
***MISSED APPROACH REQUIRES MINIMUM CLIMB OF 315 FEET PER NM TO 6900.**

ADDITIONAL FLIGHT DATA:
FAS OBST: 4817 AAO 392519N/1190911W
4912 AAO 392715N/1190720W
DISTANCE TO THLD FROM 356 HAT: 1.06 NM.
WAAS CHANNEL # 65740
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
CHART FALLON NAS (VAN VOORHIS FLD) ATIS.
LTP HAE: 1260.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE HZN VORTAC, RT, 215.47 INBOUND, 8000 FT. IN LIEU OF PT (IAF)**
3. FAC: **236.18** FAF: **ZUTZA** DIST FAF TO MAP: **6.11** THLD: **6.11**
4. MIN. ALT: **HZN VORTAC 8000, ZEKEM 7000, ZUTZA 6200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **6200** GS ALT AT: **ZUTZA 6200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS CLEAR**
8. MSA FROM: **RW24 10200**

MAG VAR: **13E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA*	4593	1 1/4	356	4593	1 1/4	356	4593	1 1/4	356		NA				
LPV DA	5007	3	770	5007	3	770	5007	3	770		NA				
LNAV/VNAV DA	5209	4	972	5209	4	972	5209	4	972		NA				
LNAV MDA	5280	1 1/4	1043	5280	1 1/2	1043	5280	3	1043		NA				
CIRCLING	5280	1 1/4	1015	5620	1 1/2	1355	6040	3	1775		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON HZN VORTAC AIRWAY RADIAL R-011.
(CONTINUED ON PAGE 2)

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 4265 TDZE: 4237 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SILVER SPRINGS, NV	**SILVER SPRINGS**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 27 APRIL 2017	AMDT: **NONE** DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: USE FALLON NAS (VAN VOORHIS FLD) ALTIMETER SETTING; WHEN NOT RECEIVED, USE RENO/TAHOE INTL ALTIMETER SETTING.

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SILVER SPRINGS, NV	**ELEVATION: 4265** **TDZE: 4237** AIRPORT NAME: **SILVER SPRINGS**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 27 APRIL 2017	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSPZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	392421.5320N
LTP/FTP LONGITUDE	1191428.6080W
LTP/FTP ELLIPSOIDAL HEIGHT	+12603
FPAP LATITUDE	392349.7055N
FPAP LONGITUDE	1191615.9835W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1FA600D7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12846
FPAP ORTHOMETRIC HEIGHT	+12846

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SILVER SPRINGS, NV	ELEVATION: 4265 TDZE: 4237 AIRPORT NAME: SILVER SPRINGS	RNAV	RNAV (GPS) RWY 24, ORIG 27 APRIL 2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
USHEE (IAF)	YACNE (NOPT) (TF) (FB) (RNP 1.00)	276.67 / 6.30	3000
PAYEN (IAF)	YACNE (NOPT) (TF) (FB) (RNP 1.00)	096.52 / 6.30	3000
YACNE (IF/IAF)	WUSKE (TF) (FB) (RNP 1.00)	186.59 / 6.00	2000
WUSKE (FAF)	OVOBE/2.20 NM TO RW19 (TF) (FB) (RNP 0.30)	186.60 / 2.57	
OVOBE/2.20 NM TO RW19	RW19 (MAP) (TF) (FO) (RNP 0.30)	186.60 / 2.20	
(SEE FORM 8260-10)			

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-08.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 DIRECT USHEE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N YACNE, RT, 186.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **186.60** FAF: **WUSKE** DIST FAF TO MAP: **4.77** THLD: **4.77**
4. MIN. ALT: **YACNE 3000, WUSKE 2000, OVOBE/2.20 NM TO RW19 1180***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2000** GS ALT AT: **WUSKE 2000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 276.67 INBOUND.
CHART FAS OBST: 510 TREE 364225N/0780306W
CHART R-6602 A/B/C.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 0.87 NM TO RW19*
***LNAV ONLY.**
WAAS CHANNEL # 93718
REFERENCE PATH ID: W19A
CHART CIRCLING ICON.
LTP HAE: 101.7 M

MAG VAR: **9W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**691**	**1**	**250**	**691**	**1**	**250**	**691**	**1**	**250**	**691**	**1**	**250**			
LNAV/VNAV DA	**710**	**1**	**269**	**710**	**1**	**269**	**710**	**1**	**269**	**710**	**1**	**269**			
LNAV MDA	**760**	**1**	**319**	**760**	**1**	**319**	**760**	**1**	**319**	**760**	**1**	**319**			
CIRCLING	**860**	**1**	**419**	**900**	**1**	**459**	**1060**	**1 3/4**	**619**	**1060**	**2**	**619**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
***LNAV ONLY**
CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY 19 CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	**MECKLENBURG-BRUNSWICK RGNL**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED **04/28/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW19 (MAP)	900 MSL (CA)	186.60	
900 MSL	USHEE (DF) (FO) (RNP 1.00)		3000

TAA

	FROM	TO	ALT
1.	097/30 CW 277/30 (NOPT)	YACNE (IF/IAF) (FB)	3000
2.	277/30 CW 007/30	USHEE (IAF) (FB)	3000
3.	007/30 CW 097/30	PAYEN (IAF) (FB)	3000

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-C DATED: 04/28/2016

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

QUALITY 19 CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	**MECKLENBURG-BRUNSWICK RGNL**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED: **04/28/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAVC
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	364142.5385N
LTP/FTP LONGITUDE	0780317.3680W
LTP/FTP ELLIPSOIDAL HEIGHT	+01017
FPAP LATITUDE	364013.3985N
FPAP LONGITUDE	0780312.7295W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1055C2D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01345
FPAP ORTHOMETRIC HEIGHT	+01345

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-C DATED: 04/28/2016

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31125; Amdt. No. 3739]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule establishes, amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications

listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001.

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or removes SIAPS, Takeoff Minimums and/or ODPS. The complete regulatory description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part §97.20. The applicable FAA forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The large number of SIAPs, Takeoff Minimums and ODPs, their complex nature, and the need for a special format make publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each

SIAP, Takeoff Minimums and ODP listed on FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs, Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure, and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPS, Takeoff Minimums and/or ODPS as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as Amended in the transmittal. Some SIAP and Takeoff Minimums and textual ODP amendments may have been issued previously by the FAA in a Flight Data Center (FDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPs and Takeoff Minimums and ODPs, an effective date at least 30 days after publication is provided.

Further, the SIAPs and Takeoff Minimums and ODPs contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C 553(d), good cause exists for making some SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore—-(1) is not a “significant regulatory action” under Executive Order 12866;(2) is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034; February 26,1979) ; and (3)does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on **MARCH 10, 2017**.

John S. Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or removing Standard Instrument Approach Procedures and/or Takeoff Minimums and Obstacle Departure Procedures effective at 0901 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(f), 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 27 April 2017

Bakersfield, CA, Meadows Field, RNAV (GPS) RWY 12R, Orig
Bakersfield, CA, Meadows Field, RNAV (GPS) RWY 30L, Orig
Los Angeles, CA, Los Angeles Intl, RNAV (RNP) Z RWY 24L, Amdt 2
Ontario, CA, Ontario Intl, RNAV (GPS) Y RWY 26L, Amdt 2
Ontario, CA, Ontario Intl, RNAV (GPS) Y RWY 26R, Amdt 2
Alamosa, CO, San Luis Valley Rgnl/Bergman Field, ILS OR LOC RWY 2, Amdt 2
Alamosa, CO, San Luis Valley Rgnl/Bergman Field, RNAV (GPS) RWY 2, Amdt 1
Pahokee, FL, Palm Beach Co Glades, RNAV (GPS) RWY 17, Orig-A
Pahokee, FL, Palm Beach Co Glades, RNAV (GPS) RWY 35, Orig-A
Pahokee, FL, Palm Beach Co Glades, VOR/DME-A, Orig-A
Stuart, FL, Witham Field, RNAV (GPS) RWY 12, Amdt 1B
West Palm Beach, FL, North Palm Beach County General Aviation, ILS OR LOC RWY 8R, Amdt 1B
West Palm Beach, FL, North Palm Beach County General Aviation, RNAV (GPS) RWY 13, Orig-B
West Palm Beach, FL, North Palm Beach County General Aviation, VOR RWY 8R, Amdt 1C
West Palm Beach, FL, Palm Beach County Park, RNAV (GPS)-A, Orig-A
Dalton, GA, Dalton Muni, ILS OR LOC RWY 14, Amdt 1
Dalton, GA, Dalton Muni, RNAV (GPS) RWY 14, Amdt 1
Dalton, GA, Dalton Muni, RNAV (GPS) RWY 32, Amdt 1
Dalton, GA, Dalton Muni, Takeoff Minimums and Obstacle DP, Amdt 5
Honolulu, HI, Daniel K. Inouye Intl, Takeoff Minimums and Obstacle DP, Amdt 8A
Ottumwa, IA, Ottumwa Rgnl, ILS OR LOC RWY 31, Amdt 5E
Cairo, IL, Cairo Rgnl, NDB RWY 14, Amdt 2B
Cairo, IL, Cairo Rgnl, RNAV (GPS) RWY 32, Orig-B
Chicago/Prospect Heights/Wheeling, IL, Chicago Executive, RNAV (GPS) RWY 16, Amdt 1E
Anderson, IN, Anderson Muni-Darlington Field, ILS OR LOC RWY 30, Amdt 2
Anderson, IN, Anderson Muni-Darlington Field, NDB RWY 30, Amdt 7
Indianapolis, IN, Indianapolis Rgnl, RNAV (GPS) RWY 25, Orig-C
Logansport, IN, Logansport/Cass County, VOR-A, Amdt 7A
Marion, IN, Marion Muni, ILS OR LOC RWY 4, Amdt 7D
Peru, IN, Peru Muni, VOR RWY 1, Amdt 8C
Wabash, IN, Wabash Muni, VOR-A, Amdt 11A
Houma, LA, Houma-Terrebonne, ILS OR LOC RWY 18, Amdt 5
New Iberia, LA, Acadiana Rgnl, ILS OR LOC RWY 35, Amdt 1
New Iberia, LA, Acadiana Rgnl, RNAV (GPS) RWY 17, Amdt 1
New Iberia, LA, Acadiana Rgnl, RNAV (GPS) RWY 35, Amdt 1
New Iberia, LA, Acadiana Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
New Iberia, LA, Acadiana Rgnl, VOR OR TACAN RWY 17, Amdt 2
New Iberia, LA, Acadiana Rgnl, VOR RWY 35, Amdt 2
Cape Girardeau, MO, Cape Girardeau Rgnl, LOC/DME BC RWY 28, Amdt 8C
Charleston, MO, Mississippi County, NDB RWY 36, Amdt 4B

Gordon, NE, Gordon Muni, NDB RWY 22, Amdt 4B
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 4, Amdt 1B
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 22, Amdt 1A
Burns Flat, OK, Clinton-Sherman, ILS OR LOC RWY 17R, Amdt 8
Burns Flat, OK, Clinton-Sherman, Takeoff Minimums and Obstacle DP, Orig-A
Burns Flat, OK, Clinton-Sherman, VOR RWY 35L, Amdt 12
Clinton, OK, Clinton Rgnl, RNAV (GPS) RWY 17, Amdt 3
Clinton, OK, Clinton Rgnl, RNAV (GPS) RWY 35, Amdt 4
Clinton, OK, Clinton Rgnl, VOR/DME-A, Orig, CANCELED
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 17, Amdt 2
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 35, Amdt 2
Weatherford, OK, Thomas P Stafford, RNAV (GPS) RWY 35, Amdt 3
Latrobe, PA, Arnold Palmer Rgnl, ILS OR LOC RWY 23, Amdt 17
Latrobe, PA, Arnold Palmer Rgnl, RNAV (GPS) RWY 5, Amdt 1
Latrobe, PA, Arnold Palmer Rgnl, RNAV (GPS) RWY 23, Amdt 1
Latrobe, PA, Arnold Palmer Rgnl, Takeoff Minimums and Obstacle DP, Amdt 6
Majuro Atoll, RM, Marshall Islands Intl, NDB RWY 7, Amdt 1A
Majuro Atoll, RM, Marshall Islands Intl, NDB RWY 25, Amdt 1A
Majuro Atoll, RM, Marshall Islands Intl, RNAV (GPS) RWY 7, Orig-D
Majuro Atoll, RM, Marshall Islands Intl, RNAV (GPS) RWY 25, Orig-D
Millington, TN, Millington Rgnl Jetport, Takeoff Minimums and Obstacle DP, Orig-A
Canadian, TX, Hemphill County, RNAV (GPS) RWY 4, Amdt 2
Kerrville, TX, Kerrville Muni/Louis Schreiner Fld, NDB RWY 30, Amdt 4, CANCELED
Terrell, TX, Terrell Muni, NDB RWY 17, Amdt 4
Wheeler, TX, Wheeler Muni, RNAV (GPS) RWY 17, Orig-A, CANCELED
Wheeler, TX, Wheeler Muni, RNAV (GPS) RWY 35, Orig-A, CANCELED
Wheeler, TX, Wheeler Muni, RNAV (GPS)-A, Orig
Wheeler, TX, Wheeler Muni, RNAV (GPS)-B, Orig
Wheeler, TX, Wheeler Muni, VOR/DME-A, Amdt 2, CANCELED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MARIC	MOMUE (TF) (FO) (RNP 2.00)	349.27 / 20.96	3400
EHF VORTAC	MOMUE (TF) (FO) (RNP 2.00)	296.30 / 9.50	3400
COREZ (IAF)	MOMUE (NOPT) (TF) (FB) (RNP 1.00)	067.09 / 11.82	3400
PONDD (IAF)	MOMUE (NOPT) (TF) (FB) (RNP 1.00)	161.45 / 14.24	3400
MOMUE (IF/IAF)	WENTI (TF) (FB) (RNP 1.00)	121.21 / 6.34	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12R

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3500 DIRECT MARIC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW MOMUE, RT, 121.21 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
3. FAC: 121.27 FAF: WENTI DIST FAF TO MAP: 6.16 THLD: 6.16
4. MIN. ALT: MOMUE 3400, WENTI 2500, TEDBE/2.90 NM TO RW12R 1440*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WENTI 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW0!! 8800

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 221.00 INBOUND.
CHART FAS OBST: 668 T-L TWR 352727N/1190428W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.28 NM TO RW12R*
*LNAV ONLY.
WAAS CHANNEL # 61040
REFERENCE PATH ID: W12B
CHART CIRCLING ICON.
LTP HAE: 115.3 M

MAG VAR: 14E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	738	3/4	250	738	3/4	250	738	3/4	250	738	3/4	250			
LNAV/VNAV DA	969	1 5/8	481	969	1 5/8	481	969	1 5/8	481	969	1 5/8	481			
LNAV MDA	920	1	432	920	1	432	920	1 1/4	432	920	1 1/4	432			
CIRCLING	960	1	450	960	1	450	960	1 1/2	450	1060	2	550			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NE OF RWY 12L-30R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EHF VORTAC ON V165 SOUTHBOUND.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 510 TDZE: 488 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WENTI (FAF)	TEDBE/2.90 NM TO RW12R (TF) (FB) (RNP 0.30)	121.27 / 3.26	
TEDBE/2.90 NM TO RW12R	RW12R (MAP) (TF) (FO) (RNP 0.30)	121.27 / 2.90	
RW12R (MAP)	1000 MSL (CA)	121.27	
1000 MSL	MARIC (DF) (FO) (RNP 1.00)		3500

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 488 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW12R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12B
LTP/FTP LATITUDE	352619.4810N
LTP/FTP LONGITUDE	1190356.2705W
LTP/FTP ELLIPSOIDAL HEIGHT	+01153
FPAP LATITUDE	352516.0245N
FPAP LONGITUDE	1190239.6130W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	421520A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01486
FPAP ORTHOMETRIC HEIGHT	+01486

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 488 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 12R, ORIG 04/27/2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GMN VORTAC	AXONE (TF) (FB) (RNP 2.00)	345.98 / 13.65	9800
LOPES	AXONE (TF) (FB) (RNP 2.00)	256.09 / 7.89	8000
GRAPE	AXONE (TF) (FB) (RNP 2.00)	020.61 / 4.82	8000
AXONE (IAF)	ISARE (TF) (FB) (RNP 1.00)	343.26 / 14.96	3500
ISARE (IF)	WILOG (TF) (FB) (RNP 1.00)	301.43 / 6.00	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30L

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT STEBN AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ISARE**
3. FAC: **301.38** FAF: **WILOG** DIST FAF TO MAP: **6.22** THLD: **6.22**
4. MIN. ALT: **ISARE 3500, WILOG 2500, OJOXY/2.20 NM TO RW30L 1200***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2500** GS ALT AT: **WILOG 2500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **50.0** **34:1 IS CLEAR**
8. MSA FROM: **RW30L 8800**

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 322.45 INBOUND.
CHART FAS OBST: 599 TREE 352550N/1190220W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.13 NM TO RW30L*
***LNAV ONLY.**
WAAS CHANNEL # 82440
REFERENCE PATH ID: W30B
CHART CIRCLING ICON.
LTP HAE: 109.3 M

MAG VAR: **14E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**734**	**7/8**	**250**	**734**	**7/8**	**250**	**734**	**7/8**	**250**	**734**	**7/8**	**250**			
LNAV/VNAV DA	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**	**797**	**1 1/8**	**313**			
LNAV MDA	**860**	**1**	**376**	**860**	**1**	**376**	**860**	**1**	**376**	**860**	**1**	**376**			
CIRCLING	**960**	**1**	**450**	**960**	**1**	**450**	**960**	**1 1/2**	**450**	**1060**	**2**	**550**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NE OF RWY 12L-30R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOPES ON V165-459 SOUTHEAST BOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	**ELEVATION: 510 TDZE: 484** AIRPORT NAME: **MEADOWS FIELD**	**RNAV**	**RNAV (GPS) RWY 30L, ORIG, 04/27/2017**	AMDT: **NONE** DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WILOG (FAF)	OJOXY/2.20 NM TO RW30L (TF) (FB) (RNP 0.30)	301.38 / 4.02	
OJOXY/2.20 NM TO RW30L	RW30L (MAP) (TF) (FO) (RNP 0.30)	301.38 / 2.20	
RW30L (MAP)	1000 MSL (CA)	301.38	1000
1000 MSL	STEBN (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAPE ON V23 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GMN VORTAC AIRWAY RADIALS 297 CW 328.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 510 TDZE: 484 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	**MEADOWS FIELD**	**RNAV**	**RNAV (GPS) RWY 30L, ORIG, 04/27/2017**	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30B
LTP/FTP LATITUDE	352535.8140N
LTP/FTP LONGITUDE	1190303.5150W
LTP/FTP ELLIPSOIDAL HEIGHT	+01093
FPAP LATITUDE	352639.2665N
FPAP LONGITUDE	1190420.1830W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0856
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C81055F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01425
FPAP ORTHOMETRIC HEIGHT	+01425

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BAKERSFIELD, CA	ELEVATION: 510 TDZE: 484 AIRPORT NAME: MEADOWS FIELD	RNAV	RNAV (GPS) RWY 30L, ORIG, 04/27/2017	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CRCUS (IAF)	PFILA (TF) (FB) (RNP 1.00)	240.30 / 10.41	10000
SEAVU (IAF)	PFILA (TF) (FB) (RNP 1.00)	273.42 / 10.80	10000
PFILA	SALWA (TF) (FB) (RNP 1.00)	251.39 / 3.60	9000
SALWA	WLNUT (TF) (FB) (RNP 1.00)	251.35 / 3.60	8000
WLNUT	HURLR (TF) (FB) (RNP 1.00)	251.31 / 3.60	7000
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 2000 ON TRACK 251.07 TO JAKOS AND TRACK 263.16 TO RAFFS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT IFIJU**
3. FAC: **251.07** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **IFIJU 2500, SUTIE 2200**
5. DIST TO THLD FROM OM: **6.37** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2200** GS ALT AT: **SUTIE 2200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **58.7 # 34:1 IS CLEAR**
8. MSA FROM: **RW24L 7700**

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 262.00 INBOUND.
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
DISTANCE TO THLD FROM 422 HAT: 1.17 NM.
#TCH 171.9 MSL (DO NOT CHART)
CHART KHHR IN PLANVIEW.
CHART AT OR ABOVE 12000 AND AT OR BELOW 14000 AT CRCUS
CHART AT OR ABOVE 12000 AND AT OR BELOW 14000 AT SEAVU.
CHART MANDATORY 6000 AT DAHJR.
CHART MANDATORY 5000 AT TRNDO.

MAG VAR: **12E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.15 DA	**545**	**5000**	**422**	**545**	**5000**	**422**	**545**	**5000**	**422**	**545**	**5000**	**422**			
RNP 0.30 DA	**592**	**6000**	**469**	**592**	**6000**	**469**	**592**	**6000**	**469**	**592**	**6000**	**469**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (41F) OR ABOVE 54C (130F).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH KHHR.
CHART NOTE: GPS REQUIRED.
(CONTINUED ON PAGE 2)

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	**ELEVATION: 128 TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	AMDT: **1D** DATED **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HURLR	FNESE (TF) (FB) (RNP 1.00)	251.30 / 3.92	6000
FNESE	FAYZE (TF) (FB) (RNP 1.00)	251.19 / 3.20	5000
FAYZE	JULLI (TF) (FB) (RNP 1.00)	251.19 / 3.20	4000
JULLI (IF)	IFIJU (TF) (FB) (RNP 1.00)	251.16 / 6.74	2500
DAHJR (IF)	JABUB (TF) (FB) (RNP 1.00)	071.00 / 4.84	4500
JABUB	HADIO (RF) (FB) (RNP 1.00)	(2.16 NM RADIUS CW (CFVBQ))/3.39	3500
DARTS (IAF)	VAALE (TF) (FB) (RNP 1.00)	144.10 / 5.71	4700
VAALE (IF)	HADIO (TF) (FB) (RNP 1.00)	161.11 / 3.82	3500
HADIO	IFIJU (RF) (FB) (RNP 1.00)	(2.16 NM RADIUS CW (CFVBQ))/3.39	2500
TRNDO (IF)	GIRBE (TF) (FB) (RNP 1.00)	294.78 / 6.42	3100
GIRBE	IFIJU (RF) (FB) (RNP 1.00)	(2.90 NM RADIUS CCW (CFVBP))/2.21	2500
IFIJU	SUTIE (TF) (FB) (RNP 1.00)	251.07 / 1.17	2200
SUTIE (FAF)	RW24L (MAP) (TF) (FO) (RNP 0.30)	251.07 / 6.37	
RW24L (MAP)	JAKOS (TF) (FB) (RNP 1.00)	251.07 / 5.71	
JAKOS	RAFFS (TF) (FO) (RNP 1.00)	263.16 / 10.96	2000

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 3/8 SM.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT CRCUS, SEAVU: MAX 270 KIAS.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 128** **TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CHART PLANVIEW NOTE AT DAHJR, TRNDO, VAALE: MAX 210 KIAS UNTIL IFIJU.
CHART PLANVIEW NOTE ADJACENT TO DAHJR, DARTS, TRNDO: RF REQUIRED.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 128** **TDZE: 123** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (RNP) Z RWY 24L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PDZ VORTAC	DICEG (TF) (FB) (RNP 2.00)	076.29 / 9.40	5300
DICEG (IAF)	EYIRA (TF) (FB) (RNP 1.00)	348.12 / 7.90	4800
ACINS (IAF)	EYIRA (TF) (FB) (RNP 1.00)	297.02 / 11.51	5300
EYIRA (IF)	TESRE (TF) (FB) (RNP 1.00)	258.13 / 6.00	2900
TESRE (FAF)	REYOV/2.70 NM TO RW26L (TF) (FB) (RNP 0.30)	258.06 / 3.32	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26L

CLIMB TO 3700 DIRECT AXOYO AND ON TRACK 173.50 TO LAKVE AND ON TRACK 099.63 TO PDZ VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EYIRA
3. FAC: 258.06 FAF: TESRE DIST FAF TO MAP: 6.02 THLD: 6.02
4. MIN. ALT: EYIRA 4800, TESRE 2900, REYOV/2.70 NM TO RW26L 1840*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: TESRE 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.9 34:1 IS CLEAR
8. MSA FROM: RW26L 11300

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.00 INBOUND.
CHART FAS OBST: 1112 T-L TWR 340251N/1173203W
CHART: 1212 T-L TWR 340339N/1173128W
1860 AAO 340217N/1172721W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.19 NM TO RW26L*
*LNAV ONLY.
WAAS CHANNEL # 90407
REFERENCE PATH ID: W26B
CHART CIRCLING ICON.
LTP HAE: 249.1 M

MAG VAR: 12E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1126	2400	200	1126	2400	200	1126	2400	200	1126	2400	200			
LNAV/VNAV DA	1264	3000	338	1264	3000	338	1264	3000	338	1264	3000	338			
LNAV MDA	1380	2400	454	1380	2400	454	1380	4500	454	1380	4500	454			
CIRCLING	1400	1	456	1400	1	456	1500	1 1/2	556	1540	2	596			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NORTH OF RWY 8L-26R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACINS ON V283-587 SOUTHBOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
ONTARIO, CA	ELEVATION: 944 TDZE: 926 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26L, AMDT 2 27 APRIL 2017	AMDT: 1B DATED 05/26/2016

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
REYOV/2.70 NM TO RW26L	RW26L (MAP) (TF) (FO) (RNP 0.30)	258.06 / 2.70	
RW26L (MAP)	1126 MSL (CA)	258.06	
1126 MSL	AXOYO (DF) (FB) (RNP 1.00)		
AXOYO	LAKVE (TF) (FB) (RNP 1.00)	173.50 / 5.14	
LAKVE	PDZ VORTAC (TF) (FO) (RNP 1.00)	099.63 / 8.31	3700

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 130.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	**ELEVATION: 944** **TDZE: 926** AIRPORT NAME: **ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26L, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1B** DATED: **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KONT
RUNWAY	RW26L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26B
LTP/FTP LATITUDE	340317.8900N
LTP/FTP LONGITUDE	1173457.1885W
LTP/FTP ELLIPSOIDAL HEIGHT	+02491
FPAP LATITUDE	340317.8465N
FPAP LONGITUDE	1173658.4095W
THRESHOLD CROSSING HEIGHT (TCH)	00057.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	CE046C95

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02823
FPAP ORTHOMETRIC HEIGHT	+02823

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	ELEVATION: 944 TDZE: 926 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26L, AMDT 2 27 APRIL 2017	SUP: AMDT: 1B DATED: 05/26/2016

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PDZ VORTAC	DICEG (TF) (FB) (RNP 2.00)	076.29 / 9.40	5300
DICEG (IAF)	GORPE (TF) (FB) (RNP 1.00)	347.96 / 8.02	4800
ACINS (IAF)	GORPE (TF) (FB) (RNP 1.00)	297.40 / 11.60	4800
GORPE (IF)	SCRIM (TF) (FB) (RNP 1.00)	258.11 / 6.00	2900
SCRIM (FAF)	FOLNU/2.70 NM TO RW26R (TF) (FB) (RNP 0.30)	258.05 / 3.29	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26R

CLIMB TO 3700 DIRECT EGYAZ AND ON TRACK 173.33 TO LAKVE AND ON TRACK 099.63 TO PDZ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.00 INBOUND.
CHART FAS OBST: 1112 T-L TWR 340251N/1173203W
CHART: 1212 T-L TWR 340339N/1173128W
1780 AAO 340218N/1172723W
DISTANCE TO THLD FROM 200 HAT: 0.44 NM.
CHART VDP AT 1.17 NM TO RW26R*
*LNAV ONLY.
WAAS CHANNEL # 53406
REFERENCE PATH ID: W26A
CHART CIRCLING ICON.
LTP HAE: 250.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GORPE
3. FAC: 258.05 FAF: SCRIM DIST FAF TO MAP: 5.99 THLD: 5.99
4. MIN. ALT: GORPE 4800, SCRIM 2900, FOLNU/2.70 NM TO RW26R 1840*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: SCRIM 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.7 34:1 IS CLEAR
8. MSA FROM: RW26R 11300

MAG VAR: 12E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1132	2400	200	1132	2400	200	1132	2400	200	1132	2400	200			
LNAV/VNAV DA	1264	3000	332	1264	3000	332	1264	3000	332	1264	3000	332			
LNAV MDA	1380	2400	448	1380	2400	448	1380	4500	448	1380	4500	448			
CIRCLING	1400	1	456	1400	1	456	1500	1 1/2	556	1540	2	596			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA NORTH OF RWY 8L-26R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ACINS ON V283-587 SOUTHBOUND.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
ONTARIO, CA	ELEVATION: 944 TDZE: 932 AIRPORT NAME: ONTARIO INTL	RNAV	RNAV (GPS) Y RWY 26R, AMDT 2 27 APRIL 2017	SUP: AMDT: 1B DATED 05/26/2016

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FOLNU/2.70 NM TO RW26R	RW26R (MAP) (TF) (FO) (RNP 0.30)	258.05 / 2.70	
RW26R (MAP)	1132 MSL (CA)	258.05	
1132 MSL	EGYAZ (DF) (FB) (RNP 1.00)		
EGYAZ	LAKVE (TF) (FB) (RNP 1.00)	173.33 / 5.25	
LAKVE	PDZ VORTAC (TF) (FO) (RNP 1.00)	099.63 / 8.31	3700

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 130.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONTARIO, CA	**ELEVATION: 944** **TDZE: 932** AIRPORT NAME: **ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26R, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1B** DATED: **05/26/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 944 TDZE: 932 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONTARIO, CA	**ONTARIO INTL**	**RNAV**	**RNAV (GPS) Y RWY 26R, AMDT 2** 27 APRIL 2017	AMDT: **1B** DATED: **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KONT
RUNWAY	RW26R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	340324.8150N
LTP/FTP LONGITUDE	1173457.1900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02508
FPAP LATITUDE	340324.7540N
FPAP LONGITUDE	1173722.1460W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	F13D66C1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02840
FPAP ORTHOMETRIC HEIGHT	+02840

QUALITY 16 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALS VORTAC	RODDS INT/ALS 14.02 DME	219.00 / 14.02	12200
LYSSA/ALS 14.02 DME CW (IAF)	RODDS INT/ALS 14.02 DME (NOPT)	14.02 DME ARC (ALS LR-210)	12200
WAPRE INT/ALS 20.00 DME (IAF)	RODDS INT/ALS 14.02 DME (NOPT)	039.00 / 5.98 (ALS R-219)	12200
RODDS INT/ALS 14.02 DME (IF/IAF)	KROWZ INT	022.76 / 7.84 (I-VQR)	9800
KROWZ INT	BREZE INT	022.76 / 2.30 (I-VQR)	9300

MISSED APPROACH

ILS: DA
LOC: 5.38 NM AFTER BREZE INT

CLIMB TO 8700 THEN CLIMBING RIGHT TURN TO 10000 DIRECT ALS VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 142.00 INBOUND.
CHART FAS OBST: 7554 ANT 372519N/1055235W
CHART ALS R-173 AT LYSSA.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW RODDS, RT, 039.00 INBOUND, 12200 FT. IN LIEU OF PT (IAF)**
3. FAC: **022.76** FAF: **BREZE INT** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **RODDS 12200, KROWZ 9800, BREZE 9300, XOGSY INT 8040***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **948**
6. MIN GS INCPT: **9300** GS ALT AT: **BREZE 9300** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **48.1**
8. MSA FROM: **ALS VORTAC 340-070 15600, 070-160 13300, 160-250 12600, 250-340 13800**

MAG VAR: **9E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 02	7739	1/2	200	7739	1/2	200	7739	1/2	200	7739	1/2	200			
S-LOC 02	8040	1/2	501	8040	1/2	501	8040	1	501	8040	1	501			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			
XOGSY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 02	7820	1/2	281	7820	1/2	281	7820	1/2	281	7820	1/2	281			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			

NOTES:
***LOC ONLY**
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 2 CATS C/D VISIBILITY TO 1 3/8 SM.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALAMOSA, CO	**SAN LUIS VALLEY RGNL/BERGMAN FIELD**	**I-VQR**	**ILS OR LOC RWY 2, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED **03/12/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALS VORTAC	RODDS (TF) (FO) (RNP 2.00)	223.00 / 14.02	12200
ZOTOS	VEPUY (TF) (FB) (RNP 2.00)	294.87 / 8.43	12200
VEPUY (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	337.58 / 8.37	12200
GEMKY (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	085.89 / 12.75	12200
WAPRE (IAF)	RODDS (NOPT) (TF) (FB) (RNP 1.00)	042.80 / 5.98	12200
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

CLIMB TO 10500 DIRECT JADGU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW RODDS, RT, 022.66 INBOUND, 12200 FT. IN LIEU OF PT (IAF)**
3. FAC: **022.72** FAF: **BREZE** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **RODDS 12200, KROWZ 9800, BREZE 9300, XOGSY/1.50 NM TO RW02 8060***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **9300** GS ALT AT: **BREZE 9300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **48.1** **34:1 IS CLEAR**
8. MSA FROM: **RW02 15600**

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 154.85 INBOUND.
CHART FAS OBST: 7584 TOWER 372536N/1055222W
DISTANCE TO THLD FROM 200 HAT: 0.48 NM.
CHART VDP AT 0.79 NM TO RW02*
***LNAV ONLY.**
WAAS CHANNEL # 90410
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
LTP HAE: 2281.2 M

MAG VAR: **9E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	7739	1/2	200	7739	1/2	200	7739	1/2	200	7739	1/2	200			
LNAV/VNAV DA	7789	1/2	250	7789	1/2	250	7789	1/2	250	7789	1/2	250			
LNAV MDA	7840	1/2	301	7840	1/2	301	7840	1/2	301	7840	1/2	301			
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -29C (-20F) OR ABOVE 44C (111F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CATS C/D VISIBILITY TO 7/8 SM.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALAMOSA, CO	**ELEVATION: 7539 TDZE: 7539** AIRPORT NAME: **SAN LUIS VALLEY RGNL/BERGMAN FIELD**	**RNAV**	**RNAV (GPS) RWY 2, AMDT 1** 27 APRIL 2017	AMDT: **ORIG** DATED **03/12/2009**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RODDS (IF/IAF)	KROWZ (TF) (FB) (RNP 1.00)	022.66 / 7.84	9800
KROWZ	BREZE (TF) (FB) (RNP 1.00)	022.71 / 2.30	9300
BREZE (FAF)	XOGSY/1.50 NM TO RW02 (TF) (FB) (RNP 0.30)	022.72 / 3.88	
XOGSY/1.50 NM TO RW02	RW02 (MAP) (TF) (FO) (RNP 0.30)	022.72 / 1.50	
RW02 (MAP)	7739 MSL	022.72	
7739 MSL	JADGU (DF) (FO) (RNP 1.00)		10500

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALAMOSA, CO	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME: SAN LUIS VALLEY RGNL/BERGMAN FIELD	RNAV	RNAV (GPS) RWY 2, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG DATED: 03/12/2009

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALS
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	372530.6590N
LTP/FTP LONGITUDE	1055232.1500W
LTP/FTP ELLIPSOIDAL HEIGHT	+22812
FPAP LATITUDE	372646.5050N
FPAP LONGITUDE	1055133.2570W
THRESHOLD CROSSING HEIGHT (TCH)	00048.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0152
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	061B7E43

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+22979
FPAP ORTHOMETRIC HEIGHT	+22979

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALAMOSA, CO	ELEVATION: 7539 TDZE: 7539 AIRPORT NAME: SAN LUIS VALLEY RGNL/BERGMAN FIELD	RNAV	RNAV (GPS) RWY 2, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG DATED: 03/12/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	WIKIN (TF) (FO) (RNP 2.00)	355.13 / 11.07	1500
WIKIN (IF/IAF)	SETUE (TF) (FB) (RNP 1.00)	175.58 / 6.17	1500
SETUE (FAF)	RW17 (MAP) (TF) (FO) (RNP 0.30)	175.59 / 4.43	
RW17 (MAP)	416 MSL (CA)	175.59	
416 MSL	PASAE (DF) (FO) (RNP 1.00)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 2000 DIRECT PASAE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N WIKIN, LT, 175.58 INBOUND, 1500 FT. IN LIEU OF PT (IAF)**
3. FAC: **175.59** FAF: **SETUE** DIST FAF TO MAP: **4.43** THLD: **4.43**
4. MIN. ALT: **WIKIN 1500, SETUE 1500**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1500** GS ALT AT: **SETUE 1500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **55.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW17 2600**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.60 INBOUND.
CHART FAS OBST: 100 TREE 264756N/0804139W
DISTANCE TO THLD FROM 400 HAT: 1.08 NM.
WAAS CHANNEL # 53408
REFERENCE PATH ID: W17A
CHART PALM BEACH INTL ASOS, 119.975
LTP HAE: -20.5 M

MAG VAR: **2W** EPOCH YEAR: **1980**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**	**416**	**1 1/4**	**400**			
LNAV/VNAV DA	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**	**436**	**1 1/2**	**420**			
LNAV MDA	**440**	**1**	**424**	**440**	**1**	**424**	**440**	**1 1/4**	**424**	**440**	**1 1/4**	**424**			
CIRCLING	**580**	**1**	**564**	**580**	**1**	**564**	**580**	**1 1/2**	**564**	**580**	**2**	**564**			

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: RWY 17 HELICOPTER VISIBLITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 16 TDZE: 16 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAHOKEE, FL	**PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A** 27 APRIL 2017	AMDT: **ORIG**
				DATED **09/25/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 342 CW 010.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE: 16** AIRPORT NAME: **PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A** 27 APRIL 2017	SUP: AMDT: **ORIG** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	264725.3960N
LTP/FTP LONGITUDE	0804138.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264556.6000N
FPAP LONGITUDE	0804127.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	78EE94D7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00048
FPAP ORTHOMETRIC HEIGHT	+00048

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	PASAE (TF) (FO) (RNP 2.00)	176.06 / 10.71	1500
THNDR	PASAE (TF) (FO) (RNP 2.00)	099.30 / 10.61	1500
HEDLY (IAF)	PASAE (NOPT) (TF) (FB) (RNP 1.00)	290.34 / 4.18	1500
PASAE (IF/IAF)	HOREP (TF) (FB) (RNP 1.00)	355.60 / 6.10	1500
HOREP (FAF)	RW35 (MAP) (TF) (FO) (RNP 0.30)	255.59 / 4.43	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2000 DIRECT WIKIN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 175.58 INBOUND.
CHART FAS OBST: 143 TOWER 264631N/0804124W
CHART FAS OBST: 213 TOWER 264324N/0803959W
DISTANCE TO THLD FROM 518 HAT: 1.46 NM.
WAAS CHANNEL # 56408
REFERENCE PATH ID: W35A
CHART: 304 TOWER 264244.00N/0804058.00W
CHART PALM BEACH INTL ASOS, 119.975.
LTP HAE: -20.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PASAE, RT, 355.60 INBOUND, 1500 FT. IN LIEU OF PT (IAF)
3. FAC: 355.59 FAF: HOREP DIST FAF TO MAP: 4.43 THLD: 4.43
4. MIN. ALT: PASAE 1500, HOREP 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: HOREP 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 2600

MAG VAR: 2W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	534	1 3/4	518	534	1 3/4	518	534	1 3/4	518	534	1 3/4	518			
LNAV/VNAV DA	519	1 3/4	503	519	1 3/4	503	519	1 3/4	503	519	1 3/4	503			
LNAV MDA	580	1	564	580	1	564	580	1 1/2	564	580	1 3/4	564			
CIRCLING	580	1	564	580	1	564	580	1 1/2	564	580	2	564			

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.
(CONTINUED ON PAGE 2)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 16 TDZE: 16 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAHOKEE, FL	PALM BEACH CO GLADES	RNAV	RNAV (GPS) RWY 35, ORIG-A 27 APRIL 2017	AMDT: ORIG DATED 09/25/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35 (MAP)	416 MSL (CA)	355.59	
416 MSL	WIKIN (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 115 CW 211.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT THNDR VIA V-157-511-599 NORTHWEST BOUND.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE: 16** AIRPORT NAME: **PALM BEACH CO GLADES**	**RNAV**	**RNAV (GPS) RWY 35, ORIG-A** 27 APRIL 2017	SUP: AMDT: **ORIG** DATED: **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	264646.3810N
LTP/FTP LONGITUDE	0804133.6020W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264815.1800N
FPAP LONGITUDE	0804144.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1512
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7908AF1A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00047
FPAP ORTHOMETRIC HEIGHT	+00047

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	**JATEL/PHK 5.00 DME**	**002.15 / 5.00**	**2000**
MODOE/PHK 10.00 DME (IAF)	**JATEL/PHK 5.00 DME (NOPT)**	**182.15 / 5.00**	**2000**

MISSED APPROACH

MAP: DUDGE/PHK 0.47 DME

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 ON PHK R-002 TO JATEL/5.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 95 TWR 264831N/0804114W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N JATEL, LT, 182.15 INBOUND, 2000 FT. IN LIEU OF PT (IAF)**
3. FAC **182.15** FAF **JATEL/PHK 5.00 DME** DIST FAF TO MAP ____ THLD ____
4. MIN. ALT **JATEL 2000**
8. MSA FROM: **PHK VOR/DME 2600**

MAG VAR: **0E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**580**	**1**	**564**	**580**	**1**	**564**	**580**	**1 1/2**	**564**	**580**	**2**	**564**			

NOTES:

CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PAHOKEE, FL	**ELEVATION: 16** **TDZE:** AIRPORT NAME: **PALM BEACH CO GLADES**	**PHK**	**VOR/DME-A, ORIG-A** 27 APRIL 2017	SUP AMDT **ORIG** DATE **08/08/2002**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	IVETY (TF) (FB) (RNP 2.00)	035.44 / 25.37	3000
IVETY (IAF)	PETNE (TF) (FB) (RNP 1.00)	026.18 / 5.90	2000
SHEDS (IAF)	PETNE (TF) (FB) (RNP 1.00)	116.88 / 9.54	2000
PETNE (IF)	MAINR (TF) (FB) (RNP 1.00)	116.20 / 6.00	1600
MAINR (FAF)	ZEVPU/1.60 NM TO RW12 (TF) (FB) (RNP 0.30)	116.22 / 3.25	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 2000 DIRECT LEBAN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 333.00 INBOUND.
CHART: W-497B
CHART FAS OBST: 157 TOWER 271128N/0801449W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
WAAS CHANNEL # 70516
REFERENCE PATH ID: W12A
LTP HAE: -23 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PETNE
3. FAC: 116.22 FAF: MAINR DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: PETNE 2000, MAINR 1600, ZEVPU/1.60 NM TO RW12 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: MAINR 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 2600

MAG VAR: 6W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	266	7/8	250	266	7/8	250	266	7/8	250	266	7/8	250			
LNAV/VNAV DA	449	1 1/2	433	449	1 1/2	433	449	1 1/2	433	449	1 1/2	433			
LNAV MDA	420	1	404	420	1	404	420	1 1/8	404	420	1 1/8	404			
CIRCLING	480	1	464	480	1	464	480	1 1/2	464	580	2	564			

NOTES:
CHART NOTE: CIRCLING TO RWY 07 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING PALM BEACH INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4C (40F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 16 TDZE: 16 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STUART, FL	WITHAM FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1B 27 APRIL 2017	AMDT: 1A DATED 06/26/2014

QUALITY 4 CHECKED

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZEVPU/1.60 NM TO RW12	RW12 (MAP) (TF) (FO) (RNP 0.30)	116.22 / 1.60	
RW12 (MAP)	266 MSL (CA)	116.22	
266 MSL	LEBAN (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS ON V531 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 342 CW 010.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUA
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	271053.9275N
LTP/FTP LONGITUDE	0801348.2725W
LTP/FTP ELLIPSOIDAL HEIGHT	-00230
FPAP LATITUDE	271022.9800N
FPAP LONGITUDE	0801214.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	530B575D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00045
FPAP ORTHOMETRIC HEIGHT	+00045

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
STUART, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: WITHAM FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1B 27 APRIL 2017	SUP: AMDT: 1A DATED: 06/26/2014

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BOBIO (IAF)	YIGBO (TF) (FB) (NOPT) (RNP1.00)	095.99 / 21.51	2500
PHK VOR/DME (IAF)	YIGBO INT/I-GHO 13.16 DME (NOPT)	078.46 / 12.87	2500
YIGBO INT/I-GHO 13.16 DME (IF/IAF)	AZCID INT/I-GHO 5.62 DME	089.35 / 7.54 (I-GHO)	1600

MISSED APPROACH

ILS: DA
LOC: 4.82 NM AFTER AZCID INT/I-GHO 5.62 DME OR AT I-GHO 0.80 DME

CLIMB TO 2000 ON HEADING 030 AND PBI VORTAC R-343 TO MORGA INT/PBI 17.81 DME AND HOLD.

ALTERNATE MA (DO NOT CHART): , OR AS DIRECTED BY ATC. CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 240 AND PHK VOR/DME R-078 TO YIGBO INT/I-GHO 13.16 DME/RADAR.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 343.24 INBOUND.
CHART FAS OBST: 104 TREE 265041N/0801506W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W YIGBO, RT, 089.35 INBOUND, 2500 FT. IN LIEU OF PT (IAF)**
3. FAC: **089.35** FAF: **AZCID INT/I-GHO 5.62 DME** DIST FAF TO MAP: **4.82** THLD: **4.82**
4. MIN. ALT: **YIGBO 2500, AZCID 1600, XEJZI/I-GHO 2.20 DME 480***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **822**
6. MIN GS INCPT: **1600** GS ALT AT: **AZCID 1600** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **43.9**
8. MSA FROM: **PBI VORTAC 2600**

MAG VAR: **4W** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 08R	272	3/4	250	272	3/4	250	272	3/4	250	272	3/4	250			
S-LOC 08R	480	1	458	480	1	458	480	1 3/8	458	480	1 3/8	458			
CIRCLING	480	1	458	480	1	458	480	1 1/2	458	680	2	658			
XEJZI FIX MINIMUMS															
S-LOC 08R	420	1	398	420	1	398	420	1 1/8	398	420	1 1/8	398			
CIRCLING	460	1	438	480	1	458	480	1 1/2	458	680	2	658			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13 AND RWY 31 NA AT NIGHT.
CHART PLANVIEW NOTE ADJACENT TO BOBIO IAF: GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
***LOC ONLY, 520 WHEN USING PALM BEACH INTL ALTIMETER SETTING.**
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 22 TDZE: 22 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST PALM BEACH, FL	**NORTH PALM BEACH COUNTY GENERAL AVIATION**	**I-GHO**	**ILS OR LOC RWY 8R, AMDT 1B** 27 APRIL 2017	AMDT: **1A** DATED **12/11/2014**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET; INCREASE S-ILS 8R ALL CATS VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE; INCREASE XEJZI FIX MINIMUMS S-LOC 8R CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22 TDZE: 22** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**I-GHO**	**ILS OR LOC RWY 8R, AMDT 1B** 27 APRIL 2017	QUALITY CHECKED SUP: 4 AMDT: **1A** DATED: **12/11/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	WYNER (TF) (FB) (RNP 2.00)	060.62 / 15.95	1500
YATUR	WUSIX (TF) (FB) (RNP 2.00)	138.42 / 13.35	1800
WYNER (IAF)	SPOUN (TF) (FB) (RNP 1.00)	060.72 / 5.00	1500
WUSIX (IAF)	SPOUN (TF) (FB) (RNP 1.00)	138.48 / 5.00	1500
SPOUN (IF)	ZETAP (TF) (FB) (RNP 1.00)	139.29 / 6.10	1500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 2300 DIRECT YADUD AND ON TRACK 065.63 TO WOPDU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT SPOUN**
3. FAC: **139.31** FAF: **ZETAP** DIST FAF TO MAP: **4.43** THLD: **4.43**
4. MIN. ALT: **SPOUN 1500, ZETAP 1500, UYORA/1.80 NM TO RW13 640***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1500** GS ALT AT: **ZETAP 1500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW13 2600**

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 269.45 INBOUND.
CHART FAS OBST: 83 TREE 265115N/0801353W
CHART 149 TOWER 265251N/0801431W.
CHART R-2936.
DISTANCE TO THLD FROM 302 HAT: 0.79 NM.
WAAS CHANNEL # 40310
REFERENCE PATH ID: W13A
LTP HAE: -20 M

MAG VAR: **4W** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**324**	**1**	**303**	**324**	**1**	**303**	**324**	**1**	**303**	**324**	**1**	**303**			
LNAV/VNAV DA	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**	**384**	**1 1/4**	**363**			
LNAV MDA	**380**	**1**	**359**	**380**	**1**	**359**	**380**	**1**	**359**	**380**	**1 1/4**	**359**			
CIRCLING	**460**	**1**	**438**	**480**	**1**	**458**	**480**	**1 1/2**	**458**	**680**	**2**	**658**			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING PALM BEACH INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 002 CW 115.
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 22 TDZE: 21 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST PALM BEACH, FL	**NORTH PALM BEACH COUNTY GENERAL AVIATION**	**RNAV**	**RNAV (GPS) RWY 13, ORIG-B** 27 APRIL 2017	**4** AMDT: **ORIG-A** DATED **03/12/2009**

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZETAP (FAF)	UYORA/1.80 NM TO RW13 (TF) (FB) (RNP 0.30)	139.31 / 2.63	
UYORA/1.80 NM TO RW13	RW13 (MAP) (TF) (FO) (RNP 0.30)	139.31 / 1.80	
RW13 (MAP)	324 MSL (CA)	139.31	
324 MSL	YADUD (DF) (FB) (RNP 1.00)		
YADUD	WOPDU (TF) (FO) (RNP 1.00)	065.63 / 8.67	2300

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

***LNAV ONLY**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET AND INCREASE LPV ALL CATS VISIBILITY AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22** **TDZE: 21** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**RNAV**	**RNAV (GPS) RWY 13, ORIG-B** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **03/12/2009**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	F45
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	265059.7130N
LTP/FTP LONGITUDE	0801337.2130W
LTP/FTP ELLIPSOIDAL HEIGHT	-00200
FPAP LATITUDE	264956.1800N
FPAP LONGITUDE	0801227.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FFC20E84

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00065
FPAP ORTHOMETRIC HEIGHT	+00065

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PBI VORTAC	**DUFUS INT/PHK VOR/DME 20.52 DME**	**309.73 / 15.17**	**1600**
PHK VOR/DME (IAF)	**GOBBL INT/PHK VOR/DME 12.80 DME (NOPT)**	**083.00 / 12.80**	**1500**
GOBBL INT/PHK VOR/DME 12.80 DME (IF)	**DUFUS INT/PHK VOR/DME 20.52 DME**	**083.00 / 7.72**	**1500**

MISSED APPROACH

MAP: 4.67 NM AFTER DUFUS INT OR AT PHK VOR/DME R-083/25.19 DME

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 VIA PBI VORTAC R-343 TO MORGA INT/PBI 17.81 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 343.24 INBOUND.
CHART FAS OBST: 354 TWR (10-1522) 265108N/0801735W
DUFUS TO RW8R: 2.90/40.
FAC IS A FLIGHT CHECK VALUE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W DUFUS, RT, 083.00 INBOUND, 1500 FT. IN LIEU OF PT (IAF)**
3. FAC **083.00** FAF **DUFUS INT/PHK VOR/DME 20.52 DME** DIST FAF TO MAP **4.67** THLD **4.67**
4. MIN. ALT **DUFUS 1500**
8. MSA FROM: **PHK VOR/DME 2600**

MAG VAR: **0E** EPOCH YEAR: **1965**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-08R	**700**	**1**	**678**	**700**	**1 1/4**	**678**	**700**	**2**	**678**	**700**	**2 1/4**	**678**			
CIRCLING	**700**	**1**	**678**	**700**	**1 1/4**	**678**	**700**	**2**	**678**	**700**	**2 1/4**	**678**			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 22 TDZE: 22** AIRPORT NAME: **NORTH PALM BEACH COUNTY GENERAL AVIATION**	**PHK**	**VOR RWY 8R, AMDT 1C** 27 APRIL 2017	SUP AMDT **1B** DATE **07/29/2010**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PHK VOR/DME	LMORE (TF) (FB) (RNP 2.00)	131.55 / 17.66	2600
LMORE (IAF)	ZOTUB (NOPT) (TF) (FB) (RNP 1.00)	102.08 / 7.82	2600
ARKES (IAF)	ZOTUB (NOPT) (TF) (FB) (RNP 1.00)	086.89 / 7.51	2600
ZOTUB (IF/IAF)	KUVBE (TF) (FB) (RNP 1.00)	097.87 / 3.43	2200
KUVBE (FAF)	YEGUP/2.60 NM TO RW09 (TF) (RNP 0.30)	097.89 / 4.13	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW09

CLIMBING RIGHT TURN TO 2000 DIRECT UGLEE AND HOLD. DO NOT EXCEED 210 KIAS UNTIL TURN COMPLETION.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.00 INBOUND.
CHART FAS OBST: 158 TREE 263549N/0800521W
CHART: 1314 TOWER 263521N/0801243W
KUVBE TO RW09: 3.00/45.1.
CHART CIRCLING ICON.
FAC CROSSES RWY 09 THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W ZOTUB, RT, 097.87 INBOUND, 2600 FT. IN LIEU OF PT (IAF)**
3. FAC: **097.89** FAF: **KUVBE** DIST FAF TO MAP: **6.73** THLD: **6.73**
4. MIN. ALT: **ZOTUB 2600, KUVBE 2200, YEGUP/2.60 NM TO RW09 880**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: **RW09 2600**

MAG VAR: **6W** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**460**	**1**	**446**	**580**	**1**	**566**	**660**	**1 3/4**	**646**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARKES ON V159 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 115 CW 211.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(CONTINUED ON PAGE 2)

CITY AND STATE	ELEVATION: 14 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: / AMDT: / DATED
WEST PALM BEACH, FL	**PALM BEACH COUNTY PARK**	**RNAV**	**RNAV (GPS)-A, ORIG-A** 27 APRIL 2017	**ORIG** **08/22/2013**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YEGUP/2.60 NM TO RW09	RW09 (MAP) (TF) (FO) (RNP 0.30)	097.89 / 2.60	
RW09 (MAP)	414 MSL (CA)	097.89	
414 MSL	UGLEE (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING: INCREASE ALL MDA 20 FEET.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: PROCEDURE NA AT NIGHT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST PALM BEACH, FL	**ELEVATION: 14** **TDZE:** AIRPORT NAME: **PALM BEACH COUNTY PARK**	**RNAV**	**RNAV (GPS)-A, ORIG-A** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG** DATED: **08/22/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COMAR (IAF)	ADETE (TF) (FB) (RNP 1.00)	094.69 / 15.32	3800
ADETE	ROLTE INT/GQO 7.56 DME/RADAR (TF) (FB) (RNP 1.00)	099.26 / 14.15	2900
GQO VORTAC (IAF)	ROLTE INT/GQO 7.56 DME/RADAR (TF) (FB) (RNP 1.00)	131.57 / 7.56	2900
ROLTE INT/GQO 7.56 DME/RADAR (IF)	EWADA/GQO 13.75 DME/RADAR	140.46 / 6.20 (I-DNN)	2600

MISSED APPROACH

ILS: DA
LOC: 5.78 NM AFTER EWADA/GQO 13.75 DME/RADAR OR AT GQO 19.53 DME

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 300 AND GQO VORTAC R-144 TO GQO VORTAC AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 4000 ON HEADING 140 AND RIGHT TURN ON RMG R-024 TO RMG VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 332.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S RMG VORTAC, LT, 349.00 INBOUND.
FAS OBST: 1069 AAO 344619N/0845536W
1122 AAO 344745N/0845821W
CHART VDP AT 18.23 DME*
DISTANCE VDP TO THLD 1.30 NM.
***LOC ONLY.**
CHART IN PLANVIEW: RMG VORTAC.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ROLTE INT/GQO 7.56 DME/RADAR**
3. FAC: **140.46** FAF: **EWADA/GQO 13.75 DME/RADAR** DIST FAF TO MAP: **5.78** THLD: **5.78**
4. MIN. ALT: **ROLTE 2900, EWADA 2600**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1042**
6. MIN GS INCPT: **2600** GS ALT AT: **-** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **50.3**
8. MSA FROM: **GQO VORTAC 060-150 5400, 150-060 3600**

MAG VAR: **3W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: #** | **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 14	959	3/4	250	959	3/4	250	959	3/4	250	959	3/4	250			
S-LOC 14	1320	3/4	611	1320	3/4	611	1320	1 3/8	611	1320	1 3/8	611			
CIRCLING	1320	1	611	1320	1	611	1320	1 3/4	611	1420	2	711			

NOTES:
CHART PLANVIEW NOTE ADJACENT TO COMAR: RNAV 1-GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 32 NA AT NIGHT.
CHART PLANVIEW NOTE ADJACENT TO GQO VORTAC: RNAV 1-GPS OR RADAR OR DME REQUIRED.
(CONTINUED ON PAGE 2)

#@ NA WHEN CHA APP CON CLOSED.
 # CAT A, B, C 700-2, CAT D 800-2

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALTON, GA	**ELEVATION: 709 TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-C** DATED **02/06/2014**

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NOTES, (CONT.):
CHART NOTE: DME FROM GQO VORTAC. SIMULTANEOUS RECEPTION OF I-DNN AND GQO DME REQUIRED.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED: **02/06/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**I-DNN**	**ILS OR LOC RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED: **02/06/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZULIP (IAF)	ROLTE (NOPT) (TF) (FB) (RNP 1.00)	230.42 / 6.74	3800
JETAL (IAF)	ROLTE (NOPT) (TF) (FB) (RNP 1.00)	050.31 / 6.74	3800
ROLTE (IF/IAF)	EWADA (TF) (FB) (RNP 1.00)	140.37 / 6.20	2600
EWADA (FAF)	HRVEY/2.10 NM TO RW14 (TF) (FB) (RNP 0.30)	140.42 / 3.68	
HRVEY/2.10 NM TO RW14	RW14 (MAP) (TF) (FO) (RNP 0.30)	140.42 / 2.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 4500 DIRECT ONUTE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ROLTE, RT, 140.37 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 140.42 FAF: EWADA DIST FAF TO MAP: 5.78 THLD: 5.78
4. MIN. ALT: ROLTE 3800, EWADA 2600, HRVEY/2.10 NM TO RW14 1420*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: EWADA 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.3 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 320.55 INBOUND.
CHART FAS OBST: 909 TREE 344443N/0845433W
CHART: 1146 TOWER 344721N/0845811W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.24 NM TO RW14*
*LNAV ONLY.
WAAS CHANNEL # 65801
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 186.2 M

MAG VAR: 3W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	959	3/4	250	959	3/4	250	959	3/4	250	959	3/4	250			
LNAV/VNAV DA	1173	1 1/8	464	1173	1 1/8	464	1173	1 1/8	464	1173	1 1/8	464			
LNAV MDA	1160	3/4	451	1160	3/4	451	1160	7/8	451	1160	7/8	451			
CIRCLING	1220	1	511	1220	1	511	1260	1 1/2	551	1420	2 1/4	711			

NOTES:
CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT. @ CAT D 800-2 1/4
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
(CONTINUED ON PAGE 2)

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 709 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 14, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-B DATED 07/29/2010

QUALITY 4 QUALIFIED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW14 (MAP)	959 MSL	140.42	
959 MSL	ONUTE (DF) (FO) (RNP 1.00)		4500

NOTES, (CONT.):

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.

TAA

	FROM	TO	ALT
1.	050/30 CW 230/30 (NOPT)	050/8 CW 230/8	4700
2.	050/8 CW 230/8	ROLTE (IF/IAF) (FB)	3800
3.	230/30 CW 320/30	230/8 CW 320/8	5800
4.	230/8 CW 320/8	ZULIP (IAF) (FB)	3800
5.	320/30 CW 050/30	320/8 CW 050/8	4500
6.	320/8 CW 050/8	JETAL (IAF) (FB)	3800

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **07/29/2010**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 709** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **07/29/2010**

QUALITY 4 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDNN
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	344342.6070N
LTP/FTP LONGITUDE	0845235.1285W
LTP/FTP ELLIPSOIDAL HEIGHT	+01862
FPAP LATITUDE	344236.8420N
FPAP LONGITUDE	0845122.0580W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	97F161B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02157
FPAP ORTHOMETRIC HEIGHT	+02157

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 709 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 14, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-B DATED: 07/29/2010

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUNIC (IAF)	ONUTE (NOPT) (TF) (FB) (RNP 1.00)	050.50 / 6.74	4500
UTAZO (IAF)	ONUTE (NOPT) (TF) (FB) (RNP 1.00)	230.61 / 6.74	4500
ONUTE (IF/IAF)	HIXOT (TF) (FB) (RNP 1.00)	320.55 / 6.25	2600
HIXOT (FAF)	JEGTI/1.90 NM TO RW32 (TF) (FB) (RNP 0.30)	320.51 / 3.85	
JEGTI/1.90 NM TO RW32	RW32 (MAP) (TF) (FO) (RNP 0.30)	320.51 / 1.90	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW32

CLIMB TO 3800 DIRECT ROLTE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 140.37 INBOUND.
CHART FAS OBST: 907 TREE 344254N/0845121W
CHART VDP AT 1.29 NM TO RW32.
CHART CIRCLING ICON.
HIXOT TO RW32: 3.05/50.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ONUTE, LT, 320.55 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 320.51 FAF: HIXOT DIST FAF TO MAP: 5.75 THLD: 5.75
4. MIN. ALT: ONUTE 4500, HIXOT 2600, JEGTI/1.90 NM TO RW32 1340
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1160	1	456	1160	1	456	1160	1 3/8	456	1160	1 3/8	456			
CIRCLING	1220	1	511	1220	1	511	1260	1 1/2	551	1420	2 1/4	711			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

@ CAT D 800-2 1/4

CITY AND STATE	ELEVATION: 709 TDZE: 704 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALTON, GA	DALTON MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED 07/29/2010

QUALITY 4 CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW32 (MAP)	1109 MSL	320.51	
1109 MSL	ROLTE (DF) (FO) (RNP 1.00)		3800

TAA

	FROM	TO	ALT
1.	231/30 CW 051/30 (NOPT)	231/5 CW 051/5	5700
2.	231/5 CW 051/5	ONUTE (IF/IAF) (FB)	4500
3.	051/30 CW 141/30	RUNIC (IAF) (FB)	4500
4.	141/30 CW 231/30	141/8 CW 231/8	5800
5.	141/8 CW 231/8	UTAZO (IAF) (FB)	4500

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	ELEVATION: 709 TDZE: 704 AIRPORT NAME: DALTON MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 07/29/2010

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DALTON, GA	**ELEVATION: 709** **TDZE: 704** AIRPORT NAME: **DALTON MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **07/29/2010**

QUALITY 4 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
DALTON, GA	DALTON MUNI	27 APRIL 2017	5

TAKEOFF MINIMUMS:

RWY 14: 300-1 AND 211 FT PER NM TO 2800 OR STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1000 OR 2300-3 FOR VCOA.

RWY 32: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 14, CLIMB HEADING 140.46 TO 2800 BEFORE TURNING LEFT.

RWY 32, CLIMB HEADING 320.46 TO 2000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 14, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS DALTON MUNI AT OR ABOVE 2900 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREE 117 FT FROM DER, 428 FT LEFT OF CENTERLINE, 695 FT MSL. TREE 123 FT FROM DER, 428 FT LEFT OF CENTERLINE, 699 FT MSL. TREES BEGINNING 1356 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 737 FT MSL. TREES BEGINNING 1559 FT FROM DER, 90 FT LEFT OF CENTERLINE, UP TO 741 FT MSL. TREE 1684 FT FROM DER, 91 FT RIGHT OF CENTERLINE, 746 FT MSL. TREES BEGINNING 1752 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 760 FT MSL. TREES BEGINNING 1781 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 744 FT MSL. TREES BEGINNING 1903 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 768 FT MSL. TREES BEGINNING 2110 FT FROM DER, 778 FT LEFT OF CENTERLINE, UP TO 794 FT MSL. TREES BEGINNING 2320 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 858 FT MSL. TREES AND BLDG BEGINNING 2444 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 904 FT MSL.

NOTE: RWY 32, TREE 674 FT FROM DER, 549 FT RIGHT OF CENTERLINE, 739 FT MSL. TREES BEGINNING 843 FT FROM DER, 514 FT RIGHT OF CENTERLINE, UP TO 740 FT MSL. TREE 1076 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 751 FT MSL. TREE 1137 FT FROM DER, 673 FT LEFT OF CENTERLINE, 758 FT MSL. BLDG AND TREES BEGINNING 1302 FT FROM DER, 507 FT LEFT OF CENTERLINE, UP TO 773 FT MSL. TREE 1762 FT FROM DER, 920 FT LEFT OF CENTERLINE, 802 FT MSL. TREE 1840 FT FROM DER, 903 FT LEFT OF CENTERLINE, 804 FT MSL. TREES BEGINNING 1853 FT FROM DER, 659 FT LEFT OF CENTERLINE, UP TO 806 FT MSL. TREE 2309 FT FROM DER, 383 FT RIGHT OF CENTERLINE, 767 FT MSL. TREES BEGINNING 2433 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 813 FT MSL. TREE 2759 FT FROM DER, 148 FT RIGHT OF CENTERLINE, 777 FT MSL. TREES BEGINNING 3262 FT FROM DER, 708 FT LEFT OF CENTERLINE, UP TO 830 FT MSL. TREES BEGINNING 3334 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 808 FT MSL. TREES BEGINNING 3339 FT FROM DER, 709 FT LEFT OF CENTERLINE, UP TO 831 FT MSL. TREES BEGINNING 3683 FT FROM DER, 973 FT LEFT OF CENTERLINE, UP TO 832 FT MSL. TREES BEGINNING 3881 FT FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 836 FT MSL. TREE 4129 FT FROM DER, 440 FT RIGHT OF CENTERLINE, 812 FT MSL. TREES BEGINNING 4325 FT FROM DER, 976 FT LEFT OF CENTERLINE, UP TO 837 FT MSL. TREE 4375 FT FROM DER, 1292 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 4391 FT FROM DER, 292 FT LEFT OF CENTERLINE, UP TO 854 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 904 FT MSL TREE 344252.30N/0845120.83W (CLIMB GRADIENT/CLIMB TO ALTITUDE/CEILING). 869 FT MSL TREE 344235.21N/0845106.51W (VISIBILITY).

VCOA: 1099 MSL AAO 344700.00N/0845333.00W. 4205 MSL AAO 345151.70N/0843742.34W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 3098 MSL TOWER 344502.30N/0844252.70W.
RWY 32, 1949 MSL TOWER 344359.00N/0850105.00W. 4205 MSL AAO 345151.70N/0843742.34W

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
DALTON, GA	DALTON MUNI	27 APRIL 2017	5

REMARKS:
APPROVAL LETTER ON REQUEST WITH FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION (AFS-460) FOR 675 FT PER NM CLIMB GRADIENT TO 1000.
REQUEST FLIGHT CHECK 4D ACCURACY CODE VERIFICATION FOR 3098 MSL TOWER 344502.30N/0844252.70W.
ATC PREFERRED DIVERSE DEPARTURE INSTRUCTION OVER SECTORED DP.
211 FT/NM CG REQUIRED TO NOT EXCEED A 10NM DEAD RECKONING SEGMENT.

FLIGHT INSPECTED BY: JEFFREY ECKMAN	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** FICO	**DATE:** 02/10/2017
DEVELOPED BY: PETER GETZ (HEIDI SNIDER)	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** AJV-5423	**DATE:** 10/17/2016
APPROVED BY: TONY LAWSON	*Digitally signed by* ***ROBERT G HAMILTON*** Feb 23, 2017	**OFFICE SYMBOL:** AJV-5420	**DATE:**

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
ZTL, CHA APP CON, AMGR

CHANGES - REASONS:
1. UPDATED RWY 14 TAKEOFF MINIMUMS FROM STANDARD TO 300-1 AND 211 FT PER NM TO 2800 OR STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1000 OR 2300 -3 FOR VCOA. - OBSTACLES FROM NEW SURVEY DATED 1/4/2010.
2. UPDATED DEPARTURE PROCEDURE RWY 14 FROM CLIMB ON HEADING BETWEEN 112 CW TO 320 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 406 FT PER NM TO 5400 FOR ALL OTHER COURSES. TO CLIMB HEADING 140.46 TO 2800 BEFORE TURNING LEFT. - OBSTACLES AND 8260-3B VOL 4 1.4.4.
3. UPDATED DEPARTURE PROCEDURE RWY 32 FROM CLIMB ON HEADING BETWEEN 336 CW TO 026 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 380 FT PER NM TO 5400 FOR ALL OTHER COURSES. TO CLIMB HEADING 320.46 TO 2000 BEFORE PROCEEDING ON COURSE. - OBSTACLES AND 8260-3B VOL 4 1.4.4.
4. ADDED VCOA DUE TO MANDATORY CLIMB GRADIENT FOR OBSTACLE OUTSIDE ICA IAW 8260.3B VOL 4 & 8260.46F CH.2
5. UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY 1/4/2010.
6. UPDATED CONTROLLING OBSTACLES FROM RWY 14: 3,047 MSL TOWER 344502.00N/0844253.00W. 4,205 MSL AAO 345147.50N/0843732.60W. RWY 32: 3,047 MSL TOWER 344502.00N/0844253.00W. 4,205 MSL AAO 345147.50N/0843732.60W. TO RWY 14: 904 FT MSL TREE 344252.30N/0845120.83W (CLIMB GRADIENT/CLIMB TO ALTITUDE/CEILING). 869 FT MSL TREE 344235.21N/0845106.51W (VISIBILITY).
VCOA: 1099 MSL AAO 344700.00N/0845333.00W. 4205 MSL AAO 345151.70N/0843742.34W
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 3098 MSL TOWER 344502.30N/0844252.70W.
RWY 32, 1949 MSL TOWER 344359.00N/0850105.00W. 4205 MSL AAO 345151.70N/0843742.34W - SURVEY 1/4/2010 & MAP STUDY OBSTRUCTIONS.
7. ADDED REMARK APPROVAL LETTER ON REQUEST WITH FLIGHT TECHNOLOGIES AND PROCEDURES DIVISION (AFS-460) FOR 675 FT PER NM CLIMB GRADIENT TO 1000.
8. ADDED REMARK REQUEST FLIGHT CHECK 4D ACCURACY CODE VERIFICATION FOR 3098 MSL TOWER 344502.30N/0844252.70W.
9. ADDED REMARK ATC PREFERRED DIVERSE DEPARTURE INSTRUCTION OVER SECTORED DP.
10. ADDED REMARK 211 FT/NM CG REQUIRED TO NOT EXCEED A 10NM DEAD RECKONING SEGMENT.

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
HONOLULU, HI	DANIEL K. INOUYE INTL	04/27/2017	8A

TAKEOFF MINIMUMS:

TEXTUAL DEPARTURE PROCEDURES:
USE HONOLULU DEPARTURE

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

REMARKS:

.

QUALITY 3 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
HONOLULU, HI	DANIEL K. INOUYE INTL	04/27/2017	8A

FLIGHT INSPECTED BY: PENDING
Digitally signed by ***DONALD H LANIER*** Feb 27, 2017
OFFICE SYMBOL: FIOG
DATE:

DEVELOPED BY: KELLY DEAN
KELLY D DEAN Digitally signed by KELLY D DEAN Date: 2016.11.15 07:59:45 -06'00'
OFFICE SYMBOL: AJV-5431
DATE: 11/15/2016

APPROVED BY: PATRICK MULQUEEN, MANAGER
Digitally signed by ***DONALD H LANIER*** Feb 27, 2017
OFFICE SYMBOL: AJV-5430
DATE:

REQUIRED EFFECTIVE DATE:
HARD DATE - 04/27/2017

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☒	☐	☒

OTHER:
AMGR, HNL ATCT, USAF, HCH APCH

CHANGES - REASONS:
1. AIRPORT NAME CHANGED FROM HONOLULU INTL TO DANIEL K. INOUYE INTL - AIRNAV DATA.

QUALITY 3 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ILS: DA
LOC: 6.00 MILES AFTER AGENS INT

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2800 DIRECT OTM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 303.00 INBOUND.
CHART FAS OBST: 912 TREE (KOTM0002) 410536N/0922544W
CHART IN PLANVIEW: (CFFLS) 405729.64N-0921516.27W.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **TEARDROP R-160 (OTM VOR/DME) (IAF) OUTBOUND TO PAVME/OTM 10.00 DME, 2800, 312.00 (I-OTM) (SEE FORM 8260-10)**
3. FAC: **312.00** FAF: **AGENS INT** DIST FAF TO MAP: **6.00** THLD: **6.00**
4. MIN. ALT: **AGENS 2800**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1019**
6. MIN GS INCPT: **2800** GS ALT AT: **AGENS 2800** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **52.1**
8. MSA FROM: **OTM VOR/DME 3000**

MAG VAR: **3E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD** **LOC: STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31	**1044**	**1/2**	**203**	**1044**	**1/2**	**203**	**1044**	**1/2**	**203**		**NA**				
S-LOC 31	**1180**	**1/2**	**339**	**1180**	**1/2**	**339**	**1180**	**1/2**	**339**		**NA**				
CIRCLING	**1260**	**1**	**415**	**1300**	**1**	**455**	**1300**	**1 1/2**	**455**		**NA**				

NOTES:
CHART NOTE: DME REQUIRED.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1160.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OTTUMWA, IA	**ELEVATION: 845 TDZE: 841** **OTTUMWA RGNL**	**I-OTM**	**ILS OR LOC RWY 31, AMDT 5E** 27 APRIL 2017	AMDT: **5D** DATED **05/29/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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LINE 2, (CONT.): INBOUND, 2800 TO AGENS INT.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OTTUMWA, IA	**ELEVATION: 845** **TDZE: 841** AIRPORT NAME: **OTTUMWA RGNL**	**I-OTM**	**ILS OR LOC RWY 31, AMDT 5E** 27 APRIL 2017	SUP: AMDT: **5D** DATED: **05/29/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**CIR NDB**	**122.66 / 19.50**	**2300**
CNG VOR/DME	**CIR NDB**	**276.84 / 18.82**	**2300**
MAW VORTAC	**CIR NDB**	**044.36 / 44.93**	**2300**

MISSED APPROACH

MAP: CIR NDB

CLIMB TO 2300 THEN LEFT TURN DIRECT CIR NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 150.00 INBOUND.
HAINS TO RWY 14: 2.79/40.
CHART CIRCLING ICON.
FAS OBST: 654 AAO 370725N/0891553W.
FAC CROSSES RWY C/L EXTENDED 5135 FT FROM THLD.

1. PT **R** SIDE OF COURSE **330.00** OUTBOUND **2300** FT WITHIN **10** MILES OF **CIR NDB** (IAF)
2.
3. FAC **150.00** FAF DIST FAF TO MAP THLD
4. MIN. ALT **HAINS INT 1400***
8. MSA FROM: **CIR NDB 090-270 2100, 270-090 3500**

MAG VAR: **0E** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-14	**1400**	**1 1/4**	**1078**	**1400**	**1 1/2**	**1078**	**1400**	**3**	**1078**		**NA**				
CIRCLING	**1400**	**1 1/4**	**1078**	**1400**	**1 1/2**	**1078**	**1400**	**3**	**1078**		**NA**				
HAINS FIX MINIMUMS															
S-14	**960**	**1**	**638**	**960**	**1**	**638**	**960**	**1 7/8**	**638**		**NA**				
CIRCLING	**960**	**1**	**638**	**960**	**1**	**638**	**1020**	**2**	**698**		**NA**				

NOTES:

CHART NOTE: RWY 14 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 20 AND RWY 32 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE HAINS FIX MINIMUMS S-14 CAT C VISIBILITY 1/8 MILE, AND
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT A, B 1100-2, CAT C 1100-3

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322 TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**CIR**	**NDB RWY 14, AMDT 2B** 27 APRIL 2017	SUP AMDT **2A** DATE **04/02/2015**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

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NOTES, (CONT.):
CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: *1460 WHEN USING CAPE GIRARDEAU ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322** **TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**CIR**	**NDB RWY 14, AMDT 2B** 27 APRIL 2017	SUP: AMDT: **2A** DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SNOWD	WIGNI (TF) (FO) (RNP 2.00)	065.61 / 16.60	3000
CNG VOR/DME (IAF)	WIGNI (NOPT) (TF) (FB) (RNP 1.00)	238.25 / 12.46	3000
AHOYE (IAF)	WIGNI (NOPT) (TF) (FB) (RNP 1.00)	332.70 / 9.90	3000
WIGNI (IF/IAF)	CAGBI (TF) (FB) (RNP 1.00)	321.51 / 6.26	2300
CAGBI (FAF)	RW32 (MAP) (TF) (FO) (RNP 0.30)	321.46 / 6.09	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW32

CLIMB TO 3000 DIRECT ZIDPA AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 141.32 INBOUND.
CHART FAS OBST: 542 TOWER 370224N/0891132W
CAGBI TO RW32: 3.00/40
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE WIGNI, RT, 321.51 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **321.46** FAF: **CAGBI** DIST FAF TO MAP: **6.09** THLD: **6.09**
4. MIN. ALT: **WIGNI 2300, CAGBI 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW32 3500**

MAG VAR: **0E** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**860**	**1**	**538**	**860**	**1**	**538**	**860**	**1 5/8**	**538**		**NA**				
CIRCLING	**860**	**1**	**538**	**900**	**1**	**578**	**1020**	**2**	**698**		**NA**				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 32 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 14 AND RWY 20 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND RAISE ALL MDA
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CAIRO, IL	**ELEVATION: 322 TDZE: 322** **CAIRO RGNL**	**RNAV**	**RNAV (GPS) RWY 32, ORIG-B** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED **04/02/2015**

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW32 (MAP)	722 MSL (CA)	321.46	
722 MSL	ZIDPA (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):
60 FEET AND INCREASE S-32 CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CNG VOR/DME AIRWAY RADIALS 133 CW 303.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAIRO, IL	**ELEVATION: 322** **TDZE: 322** AIRPORT NAME: **CAIRO RGNL**	**RNAV**	**RNAV (GPS) RWY 32, ORIG-B** 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: **ORIG-A** DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PAPPI	HIGUH (TF) (FO) (RNP 2.00)	278.25 / 17.64	2500
FARMM (IAF)	HIGUH (NOPT) (TF) (FB) (RNP 1.00)	099.30 / 16.08	2500
HIGUH (IF/IAF)	CHIKO (TF) (FB) (RNP 1.00)	160.54 / 6.43	2300
CHIKO (FAF)	RW16 (MAP) (TF) (FO) (RNP 0.30)	160.57 / 5.04	
RW16 (MAP)	1200 MSL	160.57	1200
1200 MSL	DEERE (DF) (FO) (RNP 1.00)		2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2100 DIRECT DEERE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N HIGUH, RT, 160.54 INBOUND, 2500 FT. IN LIEU OF PT (IAF)**
3. FAC: **160.57** FAF: **CHIKO** DIST FAF TO MAP: **5.04** THLD: **5.04**
4. MIN. ALT: **HIGUH 2500, CHIKO 2300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2300** GS ALT AT: **CHIKO 2300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **51.7** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW16 3400**

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.06 INBOUND.
FAS OBST: 909 AAO 421157N/0875826W
DISTANCE TO THLD FROM 262 HAT: 0.66 NM.
CHART VDP AT 1.46 NM TO RW16*
***LNAV ONLY.**
WAAS CHANNEL # 45627
REFERENCE PATH ID: W16A
LTP HAE: 162.1 M

MAG VAR: **2W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**905**	**1**	**262**	**905**	**1**	**262**	**905**	**1**	**262**	**905**	**1**	**262**			
LNAV/VNAV DA	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**	**1088**	**1 1/2**	**445**			
LNAV MDA	**1160**	**1**	**517**	**1160**	**1**	**517**	**1160**	**1 3/8**	**517**	**1160**	**1 3/8**	**517**			
CIRCLING	**1160**	**1**	**513**	**1160**	**1**	**513**	**1160**	**1 1/2**	**513**	**1200**	**2**	**553**			

NOTES:
CHART NOTE: CIRCLING TO RWY 6, 12, 24, 30, 34 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 647 TDZE: 643	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	AIRPORT NAME: **CHICAGO EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1E** 27 APRIL 2017	AMDT: **1D** DATED **04/30/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FARMM ON V24-100-228 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAPPI ON V84 EASTBOUND AND ON V7 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO O'HARE INTL ALTIMETER SETTING AND INCREASE ALL DA 22 FEET AND ALL MDA 40 FEET AND INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/8 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WITH CHICAGO O'HARE INTL ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	**ELEVATION: 647** **TDZE: 643** AIRPORT NAME: **CHICAGO EXECUTIVE**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1E** 27 APRIL 2017	SUP: AMDT: **1D** DATED: **04/30/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWK
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	420723.9845N
LTP/FTP LONGITUDE	0875425.6585W
LTP/FTP ELLIPSOIDAL HEIGHT	+01621
FPAP LATITUDE	420600.9930N
FPAP LONGITUDE	0875341.9845W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	897A2E35

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01959
FPAP ORTHOMETRIC HEIGHT	+01959

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CHICAGO/PROSPECT HEIGHTS/WHEELING, IL	ELEVATION: 647 TDZE: 643 AIRPORT NAME: CHICAGO EXECUTIVE	RNAV	RNAV (GPS) RWY 16, AMDT 1E 27 APRIL 2017	SUP: AMDT: 1D DATED: 04/30/2015

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIE VOR/DME	VIDEO NDB	211.12 / 11.40	2900
OKK VORTAC	VIDEO NDB	142.38 / 37.23	2900

MISSED APPROACH

ILS: DA
LOC: 4.89 NM AFTER VIDEO NDB

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2900 HEADING 030 AND OKK VORTAC R-142 TO VIDEO LOM AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2800 DIRECT MIE VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 298.04 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW MUNCIE VOR/DME, RT, 143.00 INBOUND.
CHART FAS OBST: 1034 TRMSN TWR 400531N/0853351W
CHART CIRCLING ICON.
CHART IN PLANVIEW: MIE VOR/DME
CHART IN PLANVIEW: (CFVSB) AT 400129.02N/0852250.60W

1. PT **R** SIDE OF COURSE **118.04** OUTBOUND **2900** FT WITHIN **15** MILES OF **VIDEO NDB** (IAF)
2.
3. FAC: **298.04** FAF: **VIDEO NDB** DIST FAF TO MAP: **4.89** THLD: **4.89**
4. MIN. ALT: **VIDEO NDB 2700, OWKIQ INT 1460***
5. DIST TO THLD FROM OM: **4.89** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1032**
6. MIN GS INCPT: **2700** GS ALT AT: **-** OM: **2545** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **48.1**
8. MSA FROM: **AI LOM 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 30	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**	**1209**	**3/4**	**290**			
S-LOC 30	**1360**	**3/4**	**441**	**1360**	**3/4**	**441**	**1360**	**1**	**441**	**1360**	**1**	**441**			
CIRCLING	**1360**	**1**	**441**	**1400**	**1**	**481**	**1520**	**1 3/4**	**601**	**1520**	**2**	**601**			

NOTES:
CHART NOTE: CIRCLING RWY 12, 36 NA AT NIGHT.
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
***LOC ONLY**
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME AIRWAY RADIALS 212 CW 244.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 107 CW 192.

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT C, D 700-2

QUALITY 10 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANDERSON, IN	**ELEVATION: 919 TDZE: 919** **ANDERSON MUNI-DARLINGTON FIELD**	**I-AID**	**ILS OR LOC RWY 30, AMDT 2, 04/27/2017**	AMDT: **1A**
				DATED **04/03/2014**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ANDERSON, IN	**ELEVATION: 919** **TDZE: 919** AIRPORT NAME: **ANDERSON MUNI-DARLINGTON FIELD**	**I-AID**	**ILS OR LOC RWY 30, AMDT 2, 04/27/2017**	SUP: AMDT: **1A** DATED: **04/03/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIE VOR/DME	VIDEO LOM	211.12 / 11.40	2900
OKK VORTAC	VIDEO LOM	142.38 / 37.23	2900
MOTTS INT/DQN VOR/DME 31.00 DME	YILEJ INT/DQN VOR/DME 35.10 DME	264.06 / 4.09 (DQN R-264)	2900
YILEJ INT/DQN 35.10 DME (IAF)	ROBOW INT (NOPT)	299.44 / 11.30 (AI BRG-119)	2900
ROBOW INT (IF)	VIDEO LOM	299.44 / 6.92	2600

MISSED APPROACH

MAP: 4.89 NM AFTER VIDEO LOM

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2900 DIRECT VIDEO LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 299.44 INBOUND.
FAS OBST: 1190 AAO 400409N/0853210W
CHART CIRCLING ICON.
VIDEO LOM TO RW30: 3.15/45.

1. PT **R** SIDE OF COURSE **119.44** OUTBOUND **2900** FT WITHIN **10** MILES OF **VIDEO LOM** (IAF)
2.
3. FAC **299.44** FAF **VIDEO LOM** DIST FAF TO MAP **4.89** THLD **4.89**
4. MIN. ALT **VIDEO LOM 2600**
8. MSA FROM: **VIDEO LOM 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-30	1500	3/4	581	1500	3/4	581	1500	1 3/8	581	1500	1 3/8	581			
CIRCLING	1500	1	581	1500	1	581	1520	1 3/4	601	1520	2	601			

NOTES:

CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 12, 36 NA AT NIGHT.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME AIRWAY RADIALS 212 CW 244.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 107 CW 192.
CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVAL AT MOTTS ON V50 EASTBOUND.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ANDERSON, IN	**ELEVATION: 919** **TDZE: 919** AIRPORT NAME: **ANDERSON MUNI-DARLINGTON FIELD**	**AI**	**NDB RWY 30, AMDT 7, 04/27/2017**	SUP AMDT **6A** DATE **04/03/2014**

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QUALITY 10 CHECKED

CITY AND STATE	ELEVATION: 919 TDZE: 919 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANDERSON, IN	**ANDERSON MUNI-DARLINGTON FIELD**	**AI**	**NDB RWY 30, AMDT 7, 04/27/2017**	AMDT: **6A**
				DATED: **04/03/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHB VOR/DME	KOYDE (TF) (FB) (RNP 2.00)	040.73 / 15.13	2900
NEWTO (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	270.77 / 8.65	2700
PENDS (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	168.68 / 11.81	2700
KOYDE (IAF)	FOGBU (NOPT) (TF) (FB) (RNP 1.00)	342.19 / 5.00	2700
FOGBU (IF/IAF)	HUDAX (TF) (FB) (RNP 1.00)	252.17 / 6.01	2700
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

CLIMB TO 2900 DIRECT RAPBO AND ON TRACK 142.59 TO SHB VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD E FOGBU, RT, 252.17 INBOUND, 2700 FT. IN LIEU OF PT (IAF)**
3. FAC: **252.09** FAF: **HUDAX** DIST FAF TO MAP: **5.53** THLD: **5.53**
4. MIN. ALT: **FOGBU 2700, HUDAX 2700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2700** GS ALT AT: **HUDAX** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **53.1** **34:1 IS CLEAR**
8. MSA FROM: **RW25 3100**

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 322.71 INBOUND.
CHART FAS OBST: 969 TREE 395028N/0855305W 1109 AAO 395133N/0854625W
DISTANCE TO THLD FROM 300 HAT: 0.78 NM.
CHART VDP AT 0.96 NM TO RW25*
***LNAV ONLY.**
WAAS CHANNEL # 56310
REFERENCE PATH ID: W25A
CHART CIRCLING ICON.
LTP HAE: 227.6 M

MAG VAR: **2W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**	**1160**	**1/2**	**300**			
LNAV/VNAV DA	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**	**1259**	**7/8**	**399**			
LNAV MDA	**1220**	**1/2**	**360**	**1220**	**1/2**	**360**	**1220**	**5/8**	**360**	**1220**	**5/8**	**360**			
CIRCLING	**1340**	**1**	**478**	**1340**	**1**	**478**	**1360**	**1 1/2**	**498**	**1660**	**2 1/2**	**798**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PENDS ON V14-192-210 NORTHEAST BOUND.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/2

QUALITY 10 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
INDIANAPOLIS, IN	**ELEVATION: 862 TDZE: 860** AIRPORT NAME: **INDIANAPOLIS RGNL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-C** 27 APRIL 2017	AMDT: **ORIG-B** DATED **01/05/2017**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUDAX (FAF)	RW25 (MAP) (TF) (FO) (RNP 0.30)	252.09 / 5.53	
RW25 (MAP)	1160 MSL (CA)	252.09	
1160 MSL	RAPBO (DF) (FB) (RNP 1.00)		
RAPBO	SHB VOR/DME (TF) (FO) (RNP 1.00)	142.59 / 13.64	2900

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SHB VOR/DME AIRWAY RADIALS 028 CW 080 AND AT NEWTO ON V50 EASTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET, AND INCREASE ALL VISIBILITIES 1/2 SM.

CHART NOTE: WHEN USING INDIANAPOLIS ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 1 SM.

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN	**ELEVATION: 862** **TDZE: 860** AIRPORT NAME: **INDIANAPOLIS RGNL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-C** 27 APRIL 2017	SUP: AMDT: **ORIG-B** DATED: **01/05/2017**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMQJ
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	395031.9835N
LTP/FTP LONGITUDE	0855327.8945W
LTP/FTP ELLIPSOIDAL HEIGHT	+02276
FPAP LATITUDE	395012.0500N
FPAP LONGITUDE	0855439.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7C3FC9E4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02615
FPAP ORTHOMETRIC HEIGHT	+02615

QUALITY 10 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN	ELEVATION: 862 TDZE: 860 AIRPORT NAME: INDIANAPOLIS RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-C 27 APRIL 2017	SUP: AMDT: ORIG-B DATED: 01/05/2017

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**TONAL/OKK 12.00 DME/RADAR**	**312.00 / 12.00**	**3000**

MISSED APPROACH

MAP: 5.89 NM AFTER TONAL/OKK 12.00 DME/RADAR OR AT 17.89 DME

CLIMB TO 3000, THEN LEFT TURN ON OKK VORTAC R-312 TO OKK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 840 TREE 404246N/0862120W
FINAL COURSE CROSSES AIRPORT 900' EAST OF APCH END RWY 9.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE OKK VORTAC, RT, 312.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC **312.00** FAF **TONAL/OKK 12.00 DME/RADAR** DIST FAF TO MAP **5.89** THLD ____
4. MIN. ALT **OKK VORTAC 3000, TONAL 3000**
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1200**	**1**	**462**	**1200**	**1**	**462**	**1200**	**1 1/2**	**462**	**1300**	**2**	**562**			
GRISSOM ARB ALTIMETER SETTING MINIMUMS															
CIRCLING	**1240**	**1**	**502**	**1240**	**1**	**502**	**1240**	**1 1/2**	**502**	**1340**	**2**	**602**			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRISSOM ARB ALTIMETER SETTING
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 060 CW 204.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LOGANSPORT, IN	**ELEVATION: 738 TDZE:** AIRPORT NAME: **LOGANSPORT/CASS COUNTY**	**OKK**	**VOR-A, AMDT 7A, 04/27/2017**	AMDT **7**
				DATE **06/22/1995**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MZZ VOR/DME	AKICA INT/MZZ 13.12 DME	220.23 / 13.12	3000
AKICA INT/MZZ 13.12 DME (IF/IAF)	JOSKO INT/MZZ 7.12 DME	040.59 / 6.00 (I-MZZ)	3000

MISSED APPROACH

ILS: DA
LOC: 6.44 NM AFTER JOSKO INT/MZZ 7.12 DME

CLIMB TO 1600, THEN CLIMBING LEFT TURN TO 2500 ON HEADING 250, THEN LEFT TURN DIRECT MZZ VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 936 TREES 402853N/0854108W
CHART VDP AT 1.83 DME*
DISTANCE VDP TO THLD 1.14 NM.
***LOC ONLY.**
HOLD SW, LT, 067 INBOUND.

1. PT **R** SIDE OF COURSE **220.59** OUTBOUND **3000** FT WITHIN **10** MILES OF **AKICA** (IAF)
2.
3. FAC: **040.59** FAF: **JOSKO INT/MZZ 7.12 DME** DIST FAF TO MAP: **6.44** THLD: **6.44**
4. MIN. ALT: **AKICA 3000, JOSKO 3000**
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1000**
6. MIN GS INCPT: **3000** GS ALT AT: **JOSKO 3000** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **51.5**
8. MSA FROM: **MZZ VOR/DME 2900**

MAG VAR: **3W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 04	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**	**1066**	**3/4**	**208**			
S-LOC 04	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**	**1280**	**3/4**	**422**			
CIRCLING	**1300**	**1**	**441**	**1320**	**1**	**461**	**1320**	**1 1/2**	**461**	**1420**	**2**	**561**			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 4.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING AND INCREASE ALL DA 91 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 4 CAT C/D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOP MALSR, INCREASE S-LOC 4 CAT C/D VISIBILITY TO 1.
(CONTINUED ON PAGE 2)

 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARION, IN	**ELEVATION: 859 TDZE: 858** **MARION MUNI**	**I-MZZ**	**ILS OR LOC RWY 4, AMDT 7D, 04/27/2017**	AMDT: **7C** DATED **05/26/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: NIGHT LANDING: RWY 15 NA.
CHART NOTE: FOR INOP MALSR WHEN USING FORT WAYNE INTL ALTIMETER SETTING, INCREASE S-LOC 4 CAT A/B TO 1.
CHART NOTE: VDP NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARION, IN	**ELEVATION: 859** **TDZE: 858** AIRPORT NAME: **MARION MUNI**	**I-MZZ**	**ILS OR LOC RWY 4, AMDT 7D, 04/27/2017**	AMDT: **7C** DATED: **05/26/2016**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**ONWAD INT/OKK 10.03 DME**	**349.96 / 10.03**	**2600**

MISSED APPROACH

MAP: 5.61 NM AFTER ONWAD INT/OKK 10.03 DME OR AT OKK VORTAC 15.65 DME

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2600 DIRECT OKK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 937 TANK 404648N/0860736W
CHART 999 TOWER 404151N/0860757W.
CHART HILL TOP & TWELVE MILE EAST MOA.
CHART CIRCLING ICON.
ONWAD TO RW01: 3.00/47
CHART: KGUS ATIS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S OKK VORTAC, RT, 349.96 INBOUND, 2600 FT. IN LIEU OF PT (IAF)**
3. FAC **349.96** FAF **ONWAD INT/OKK 10.03 DME** DIST FAF TO MAP **5.61** THLD **5.61**
4. MIN. ALT **OKK VORTAC 2600, ONWAD 2600, HINGI/OKK 14.10 DME 1300***
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-01	**1300**	**1**	**523**	**1300**	**1**	**523**	**1300**	**1 1/2**	**523**	**1300**	**1 3/4**	**523**			
CIRCLING	**1300**	**1**	**521**	**1300**	**1**	**521**	**1500**	**2**	**721**	**1500**	**2 1/4**	**721**			
HINGI DME FIX MINIMUMS															
S-01	**1240**	**1**	**463**	**1240**	**1**	**463**	**1240**	**1 1/4**	**463**	**1240**	**1 1/2**	**463**			
CIRCLING	**1280**	**1**	**501**	**1280**	**1**	**501**	**1500**	**2**	**721**	**1500**	**2 1/4**	**721**			

NOTES:

CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE GRISSOM ARB ALTIMETER SETTING; WHEN NOT RECEIVED, USE LOGANSPORT ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, AND VISIBILITY CATS C AND D 1/4 SM.
(CONTINUED ON PAGE 2)

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
PERU, IN	**ELEVATION: 779 TDZE: 777** AIRPORT NAME: **PERU MUNI**	**OKK**	**VOR RWY 1, AMDT 8C, 04/27/2017**	AMDT	**8B**
				DATE	**09/15/2016**

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NOTES, (CONT.):
CHART NOTE: STRAIGHT-IN RWY 1 NA AT NIGHT, CIRCLING RWY 1 NA AT NIGHT.
CHART PROFILE NOTE: *1360 WHEN USING LOGANSPORT ALTIMETER.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC R-060, R-102, R-187, AND R-204.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PERU, IN	**ELEVATION: 779** **TDZE: 777** AIRPORT NAME: **PERU MUNI**	**OKK**	**VOR RWY 1, AMDT 8C, 04/27/2017**	SUP: AMDT: **8B** DATED: **09/15/2016**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OKK VORTAC (IF/IAF)	**KALEY INT/OKK 13.00 DME**	**045.07 / 13.00**	**2400**

MISSED APPROACH

MAP: 5.06 NM AFTER KALEY INT/OKK 13.00 DME OR AT ZUBEN/OKK 18.06 DME FIX

CLIMB TO 2400 THEN RIGHT TURN ON OKK VORTAC R-045 TO KALEY INT/OKK 13.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 045.07 INBOUND.
FAS OBST: 1019 AAO 404204N/0855046W
FAC CROSSES MIDPOINT OF RWY 9-27.
CHART CIRCLING ICON.
CHART KOKOMO AWOS-3

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW KOKOMO VORTAC, RT, 045.07 INBOUND, 2400 FT. IN LIEU OF PT (IAF)**
3. FAC **040.07** FAF **KALEY INT/OKK 13.00 DME** DIST FAF TO MAP **5.06** THLD ____
4. MIN. ALT **OKK VORTAC 2400, KALEY 2400**
8. MSA FROM: **OKK VORTAC 2900**

MAG VAR: **5W** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1320**	**1**	**524**	**1440**	**1**	**644**	**1560**	**2 1/4**	**764**		**NA**				

NOTES:

CHART NOTE: NIGHT LANDING: RWY 18, 36 NA.
CHART NOTE: RWY 18, 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON OKK VORTAC AIRWAY RADIALS 187 CW 204.
CHART NOTE: USE KOKOMO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WABASH, IN	**ELEVATION: 796 TDZE:** AIRPORT NAME: **WABASH MUNI**	**OKK**	**VOR-A, AMDT 11A, 04/27/2017**	AMDT **11**
				DATE **12/10/2015**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TBD VOR/DME	ELOTY INT	088.73 / 8.86	2200
RQR VOR/DME (IAF)	RACEL INT (NOPT)	189.00 / 19.24	2200
RACEL INT (IF)	ELOTY INT	179.33 / 6.40 (I-HUM)	1800

MISSED APPROACH

ILS: DA
LOC: 5.38 NM AFTER ELOTY INT

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 1800 ON HEADING 050 AND TBD VOR/DME R-122 TO BOURG INT/TBD 16.30 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 301.50 INBOUND.
CHART FAS OBST: 117 TREE 293526N/0903939W
CHART CIRCLING ICON.
CHART: MAX 6000 AT ELOTY INT.

1. PT **L** SIDE OF COURSE **359.33** OUTBOUND **2200** FT WITHIN **10** MILES OF **ELOTY INT** (IAF)
2.
3. FAC: **179.33** FAF: **ELOTY INT** DIST FAF TO MAP: **5.38** THLD: **5.38**
4. MIN. ALT: **ELOTY 1800, FAMAB INT 600***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **999**
6. MIN GS INCPT: **1800** GS ALT AT: **-** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **52.1**
8. MSA FROM: **TBD VOR/DME 3100**

MAG VAR: **1E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18	208	1/2	200	208	1/2	200	208	1/2	200	208	1/2	200			
S-LOC 18	380	1/2	372	380	1/2	372	380	5/8	372	380	5/8	372			
CIRCLING	480	1	471	480	1	471	760	2 1/4	751	760	2 1/2	751			

NOTES:
***LOC ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING: INCREASE DA TO 285 FEET; INCREASE ALL MDA 80 FEET AND S-LOC 18 CAT C/D VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM.
(CONTINUED ON PAGE 2)

#@ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 # CAT C 800-2 1/4, CAT D 800-2 1/2
@ CAT C 800-2 1/4, CAT D 800-2 1/2

QUALITY 25 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
HOUMA, LA	**ELEVATION: 9 TDZE: 8** **HOUMA-TERREBONNE**	**I-HUM**	**ILS OR LOC RWY 18, AMDT 5** 27 APRIL 2017	AMDT: **4A** DATED **04/28/2016**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 18 CAT C/D VISIBILITY TO 1 SM.

CHART NOTE: FOR INOPERATIVE ALS WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING INCREASE S-ILS 18 ALL CATS VISIBILITY TO 7/8 SM.

QUALITY 25 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HOUMA, LA	**ELEVATION: 9** **TDZE: 8** AIRPORT NAME: **HOUMA-TERREBONNE**	**I-HUM**	**ILS OR LOC RWY 18, AMDT 5** 27 APRIL 2017	SUP: AMDT: **4A** DATED: **04/28/2016**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC	AR NDB/I-ARA 5.91 DME	151.64 / 15.73	3000
ROSEY INT	AR NDB/I-ARA 5.91 DME	201.62 / 23.24	2100

MISSED APPROACH

ILS: DA
LOC: 4.33 NM AFTER AR NDB OR AT I-ARA 1.58 DME

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 080 AND LFT R-114 TO CLYNT INT/LFT 18.83 DME AND HOLD.

ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 200 AND LSU R-217 TO AR NDB AND HOLD S, LT, 347.51 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S AR NDB, LT, 347.51 INBOUND.
FAS OBST: 115 TREE 295958N/0915227W
CHART VDP AT 2.55 DME*
DISTANCE VDP TO THLD 0.97 NM.
***LOC ONLY.**
CHART CIRCLING ICON.
CHART IN PLANVIEW: (CFVRC) AT 295327.82N/0915047.75W.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S AR NDB, LT, 347.51 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**
3. FAC: **347.51** FAF: **AR NDB/I-ARA 5.91 DME** DIST FAF TO MAP: **4.33** THLD: **4.33**
4. MIN. ALT: **AR NDB/I-ARA 5.91 DME 1500, UXYAP/I-ARA 4.78 DME 480***
5. DIST TO THLD FROM OM: **4.33** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **954**
6. MIN GS INCPT: **1500** GS ALT AT: **-** OM: **1465** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **50.7**
8. MSA FROM: **ARA NDB 2900**

MAG VAR: **0E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** | **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200
S-LOC 35	480	1/2	459	480	1/2	459	480	7/8	459	480	7/8	459	480	7/8	459
CIRCLING	480	1	456	480	1	456	600	1 1/2	576	680	2	656	900	3	876
UXYAP FIX MINIMUMS (DME REQUIRED)															
S-LOC 35	380	1/2	359	380	1/2	359	380	5/8	359	380	5/8	359	380	5/8	359
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656	900	3	876

NOTES:
CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: ADF OR DME REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LFT VORTAC AIRWAY RADIALS 092 CW 114.
CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 35 CAT E VISIBILITY TO 3/4 SM, S-LOC 35 CAT E VISIBILITY TO 1 3/8 SM, AND UXYAP FIX MINIMUMS S-LOC 35 CATS C/D/E VISIBILITY TO 1 SM.

#@ NA WHEN LFT APP CON CLOSED.
 # CAT D 700-2, CAT E 900-3
@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW IBERIA, LA	**ELEVATION: 24 TDZE: 21** **ACADIANA RGNL**	**I-ARA**	**ILS OR LOC RWY 35, AMDT 1** 27 APRIL 2017	**ILS OR LOC RWY 34** AMDT: **ORIG-B** DATED **10/18/2012**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

QUALITY 20 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 21** AIRPORT NAME: **ACADIANA RGNL**	**I-ARA**	**ILS OR LOC RWY 35, AMDT 1** 27 APRIL 2017	SUP: **ILS OR LOC RWY 34** AMDT: **ORIG-B** DATED: **10/18/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LULEW	CUGUT (TF) (FB) (RNP 2.00)	312.31 / 10.11	2100
CUGUT (IAF)	ICEBU (TF) (FB) (RNP 1.00)	250.56 / 6.00	2000
ICEBU (IF)	GUSRE (TF) (FB) (RNP 1.00)	167.48 / 8.00	1500
GUSRE (FAF)	ZOLXY/2.20 NM TO RW17 (TF) (FB) (RNP 0.30)	167.50 / 2.28	
ZOLXY/2.20 NM TO RW17	RW17 (MAP) (TF) (FB) (RNP 0.30)	167.50 / 2.20	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 440 THEN CLIMBING LEFT TURN TO 2000 DIRECT CLYNT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 294.29 INBOUND.
CHART FAS OBST: 129 TREE 300345N/0915357W
CHART: 298 TOWER 300719N/0915321W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 0.96 NM TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 82501
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: -19.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ICEBU
3. FAC: 167.50 FAF: GUSRE DIST FAF TO MAP: 4.48 THLD: 4.48
4. MIN. ALT: ICEBU 2000, GUSRE 1500, ZOLXY/2.20 NM TO RW17 760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: GUSRE 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.7 34:1 IS CLEAR
8. MSA FROM: RW17 2900

MAG VAR: 0E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	274	3/4	250	274	3/4	250	274	3/4	250	274	3/4	250			
LNAV/VNAV DA	420	1 1/8	396	420	1 1/8	396	420	1 1/8	396	420	1 1/8	396			
LNAV MDA	380	3/4	356	380	3/4	356	380	7/8	356	380	7/8	356			
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656			

NOTES: CHART NOTE: CIRCLING NA TO RWY 17W AND 35W.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 SM AND LNAV CATS C/D VISIBILITY TO 1 SM.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LULEW ON V20 EASTBOUND.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED 10/18/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW17 (MAP)	440 MSL	167.50	440
440 MSL	CLYNT (DF) (FO) (RNP 1.00)		2000

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED: 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARA
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	300254.5810N
LTP/FTP LONGITUDE	0915311.8570W
LTP/FTP ELLIPSOIDAL HEIGHT	-00197
FPAP LATITUDE	300127.3810N
FPAP LONGITUDE	0915249.6565W
THRESHOLD CROSSING HEIGHT (TCH)	00050.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	744CA521

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00073
FPAP ORTHOMETRIC HEIGHT	+00073

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 16 AMDT: ORIG-B DATED: 10/18/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LLA VOR/DME	HUBUM (TF) (FB) (RNP 2.00)	072.52 / 23.94	2000
HUBUM (IAF)	PILYI (NOPT) (TF) (FB) (RNP 1.00)	072.30 / 6.00	2000
ORICH (IAF)	PILYI (NOPT) (TF) (FB) (RNP 1.00)	306.51 / 14.81	2000
PILYI (IF/IAF)	ISUCE (TF) (FB) (RNP 1.00)	347.54 / 8.00	1700
ISUCE (FAF)	WOKDO/2.20 NM TO RW35 (TF) (FB) (RNP 0.30)	347.52 / 2.92	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 440 THEN CLIMBING RIGHT TURN TO 2000 DIRECT LULEW AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PILYI, LT, 347.54 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 347.52 FAF: ISUCE DIST FAF TO MAP: 5.12 THLD: 5.12
4. MIN. ALT: PILYI 2000, ISUCE 1700, WOKDO/2.20 NM TO RW35 760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: ISUCE 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.7 34:1 IS CLEAR
8. MSA FROM: RW35 2900

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 271.78 INBOUND.
CHART FAS OBST: 114 TREE 300025N/0915312W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 0.97 NM TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 40301
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: -21.2 M

MAG VAR: 0E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	221	1/2	200	221	1/2	200	221	1/2	200	221	1/2	200			
LNAV/VNAV DA	303	1/2	282	303	1/2	282	303	1/2	282	303	1/2	282			
LNAV MDA	380	1/2	359	380	1/2	359	380	3/4	359	380	3/4	359			
CIRCLING	440	1	416	480	1	456	600	1 1/2	576	680	2	656			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM AND LNAV CATS C/D VISIBILITY TO 1 SM.
CHART NOTE: CIRCLING NA TO RWY 17W AND 35W.

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	ELEVATION: 24 TDZE: 21 AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	SUP: RNAV (GPS) RWY 34 AMDT: ORIG-A DATED 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOKDO/2.20 NM TO RW35	RW35 (MAP) (TF) (FO) (RNP 0.30)	347.52 / 2.20	
RW35 (MAP)	440 MSL	347.52	440
440 MSL	LULEW (DF) (FO) (RNP 1.00)		2000

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34
NEW IBERIA, LA	AIRPORT NAME: ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED: 10/18/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	300137.2485N
LTP/FTP LONGITUDE	0915252.1665W
LTP/FTP ELLIPSOIDAL HEIGHT	-00212
FPAP LATITUDE	300304.4485N
FPAP LONGITUDE	0915314.3690W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5475A0E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00057
FPAP ORTHOMETRIC HEIGHT	+00057

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 24 TDZE: 21 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW IBERIA, LA	ACADIANA RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 27 APRIL 2017	RNAV (GPS) RWY 34 AMDT: ORIG-A DATED: 10/18/2012

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
NEW IBERIA, LA	ACADIANA RGNL	27 APRIL 2017	1

TAKEOFF MINIMUMS:
RWY 17W, 35W: NA - ENVIRONMENTAL

RWY 17, 35: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 17: TREE 41 FT FROM DER, 497 FT RIGHT OF CENTERLINE, 12 FT AGL/32 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:
Effective Date based on MAG VAR rotation

QUALITY 16 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
NEW IBERIA, LA	ACADIANA RGNL	27 APRIL 2017	1

FLIGHT INSPECTED BY: CHRIS M RICE
Digitally signed by ***DONALD H LANIER*** Feb 22, 2017
OFFICE SYMBOL: FICO
DATE: 02/16/2017

DEVELOPED BY: KELLY DEAN
KELLY D DEAN Digitally signed by KELLY D DEAN Date: 2016.10.17 15:21:42 -05'00'
OFFICE SYMBOL: AJV-5431
DATE: 10/17/2016

APPROVED BY: LONNIE EVERHART, MANAGER
Digitally signed by ***DONALD H LANIER*** Feb 22, 2017
OFFICE SYMBOL: AJV-5430
DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
LFT APP CON, ARA ATCT, ARPT MGR

CHANGES - REASONS:
1. CHANGED RUNWAY NUMBERS FROM 16/34 TO 17/35 - MAG/VAR UPDATE FROM 3E TO 0.

QUALITY 16 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC (IF/IAF)	**CUKTA/LFT 6.00 DME/RADAR**	**144.61 / 6.00**	**1500**

MISSED APPROACH

MAP: 4.30 NM AFTER CUKTA/LFT 6.00 DME/RADAR OR AT LFT 10.30 DME

CLIMBING LEFT TURN TO 2000 ON HEADING 060 AND LFT VORTAC R-114 TO CLYNT INT/18.83 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
FAS OBST: 240 AAO 300556N/0915514W
CHART VDP AT 8.97 DME
DISTANCE VDP TO THLD 1.33 NM.
CHART CIRCLING ICON.
CUKTA TO RW16: 3.12/51.

1. PT **L** SIDE OF COURSE **324.61** OUTBOUND **3000** FT WITHIN **15** MILES OF **LFT VORTAC** (IAF)
2.
3. FAC **144.61** FAF **CUKTA/LFT 6.00 DME/RADAR** DIST FAF TO MAP **4.30** THLD **4.30**
4. MIN. ALT **LFT VORTAC 3000, CUKTA 1500**
8. MSA FROM: **LFT VORTAC 2900**

MAG VAR: **3E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-17	**500**	**3/4**	**476**	**500**	**3/4**	**476**	**500**	**1 1/4**	**476**	**500**	**1 1/4**	**476**	**500**	**1 1/4**	**476**
CIRCLING	**500**	**1**	**476**	**500**	**1**	**476**	**600**	**1 1/2**	**576**	**680**	**2**	**656**	**900**	**3**	**876**

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON LFT VORTAC AIRWAY RADIALS 252 CW 013.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-17 CAT E VISIBILITY TO 1 3/8 MILE.

@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 24** AIRPORT NAME: **ACADIANA RGNL**	**LFT**	**VOR OR TACAN RWY 17, AMDT 2** 27 APRIL 2017	SUP **VOR OR TACAN RWY 16** AMDT **1B** DATE **10/18/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LFT VORTAC	**MACAN/LFT 16.97 DME**	**147.54 / 16.97**	**3000**

MISSED APPROACH

MAP: WAJRE/LFT 11.55 DME FIX

CLIMBING RIGHT TURN TO 2000 ON HEADING 080 AND LFT R-114 TO CLYNT INT/LFT 18.83 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 294.30 INBOUND.
CHART FAS OBST: 230 TWR 295651N/0915139W
CHART 357 TWR 295640N/0914944W.
CHART VDP AT 13.01 DME
DISTANCE VDP TO THLD 1.47 NM.
CHART CIRCLING ICON.
MACAN TO RW35: 3.00/52.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART PLANVIEW NOTE: DME REQUIRED.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE MACAN, LT, 328.00 INBOUND, 1800 FT. IN LIEU OF PT (IAF)**
3. FAC **327.54** FAF **MACAN/LFT 16.97 DME** DIST FAF TO MAP ____ THLD **5.46**
4. MIN. ALT **MACAN/LFT 16.97 DME 1800**
8. MSA FROM: **LFT VORTAC 2900**

MAG VAR: **3E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	**540**	**1/2**	**519**	**540**	**1/2**	**519**	**540**	**1 3/8**	**519**	**540**	**1 3/8**	**519**	**540**	**1 3/8**	**519**
CIRCLING	**540**	**1**	**516**	**540**	**1**	**516**	**600**	**1 1/2**	**576**	**680**	**2**	**656**	**900**	**3**	**876**

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17W AND 35W.
CHART NOTE: DME REQUIRED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-35 CATS C/D/E.

@ CAT E 900-3

QUALITY 20 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW IBERIA, LA	**ELEVATION: 24** **TDZE: 21** AIRPORT NAME: **ACADIANA RGNL**	**LFT**	**VOR RWY 35, AMDT 2** 27 APRIL 2017	SUP **VOR/DME RWY 34** AMDT **1D** DATE **10/18/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**KAPUT/I-CGI 4.82 DME**	**109.14 / 5.64**	**2400**
CNG VOR/DME (IAF)	**BOOTZ INT/I-CGI 13.82 DME (NOPT)**	**290.05 / 23.07**	**2400**
MWA VOR/DME (IAF)	**BOOTZ INT/I-CGI 13.82 DME (NOPT)**	**195.80 / 37.92**	**2400**
BOOTZ INT/I-CGI 13.82 DME (IF)	**KAPUT/I-CGI 4.82 DME**	**287.82 / 9.00 (I-CGI)**	**2000**

MISSED APPROACH

MAP: YISUN/I-CGI 0.48 DME

CLIMB TO 2400 ON I-CGI FRONT COURSE TO DUTCH LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 107.81 INBOUND.
CHART FAS OBST: 617 TOWER 371229N/0893059W
CHART VDP AT 1.40 DME
DISTANCE VDP TO THLD 1.57 NM.
KAPUT TO RW28: 3.06/38.
CHART CIRCLING ICON.

1. PT **L** SIDE OF COURSE **107.82** OUTBOUND **2400** FT WITHIN **10** MILES OF **KAPUT** (IAF)
2.
3. FAC **287.82** FAF **KAPUT/I-CGI 4.82 DME** DIST FAF TO MAP _____ THLD **5.00**
4. MIN. ALT **KAPUT 2000, WEGDI/I-CGI 2.02 DME 1060**
8. MSA FROM: **CGI VOR/DME 090-180 3000, 180-270 2200, 270-090 3500**

MAG VAR: **2W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-28	**880**	**3/4**	**539**	**880**	**3/4**	**539**	**880**	**1 3/8**	**539**	**880**	**1 3/8**	**539**			
CIRCLING	**880**	**1**	**538**	**960**	**1**	**618**	**1080**	**2**	**738**	**1080**	**2 1/4**	**738**			

NOTES:

CHART NOTE: ADF REQUIRED.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART NOTE: VDP NA WITH CAIRO RGNL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRO RGNL ALTIMETER SETTING AND INCREASE
(CONTINUED ON PAGE 2)

@ NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 342 TDZE: 341 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
CAPE GIRARDEAU, MO	**CAPE GIRARDEAU RGNL**	**I-CGI**	**LOC/DME BC RWY 28, AMDT 8C** 27 APRIL 2017	AMDT	**8B**
				DATE	**08/18/2016**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

ALL MDA 60 FEET AND INCREASE S-28 CAT A/B VISIBILITY 1/4 MILE, CAT C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: USE I-CGI DME WHEN ON LOCALIZER COURSE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CNG VOR/DME AIRWAY RADIALS 240 CW 346.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: FOR INOPERATIVE ODALS, WHEN USING CAIRO RGNL ALTIMETER SETTING; INCREASE S-28 CAT C/D VISIBILITY 1/8 MILE.

CHART NOTE: FOR INOPERATIVE ODALS INCREASE S-28 CAT C/D VISIBILITY 1/8 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CAPE GIRARDEAU, MO	**ELEVATION: 342** **TDZE: 341** AIRPORT NAME: **CAPE GIRARDEAU RGNL**	**I-CGI**	**LOC/DME BC RWY 28, AMDT 8C** 27 APRIL 2017	SUP: 4 AMDT: 8B DATED: **08/18/2016**

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGI VOR/DME	**CHQ NDB**	**157.61 / 25.15**	**2100**
CNG VOR/DME	**CHQ NDB**	**245.76 / 26.86**	**2100**
MAW VORTAC	**CHQ NDB**	**053.85 / 31.91**	**2100**
DYR VORTAC	**CHQ NDB**	**354.83 / 49.56**	**2100**

MISSED APPROACH

MAP: CHQ NDB

CLIMBING RIGHT TURN TO 1800 IN CHQ NDB HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 010.68 INBOUND
FAS OBST: 524 AAO 364130N/0892248W
CHART CIRCLING ICON
CHART SIKESTON AWOS
FAC CROSSES RWY C/L EXTENDED 3002 FT FROM THLD.

1. PT **L** SIDE OF COURSE **190.68** OUTBOUND **1800** FT WITHIN **10** MILES OF **CHQ NDB** (IAF)
2.
3. FAC **010.68** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **CHQ NDB 090-360 2200, 360-090 3000**

MAG VAR: **2W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	**900**	**1**	**587**	**900**	**1**	**587**		**NA**			**NA**				
CIRCLING	**900**	**1**	**587**	**900**	**1**	**587**		**NA**			**NA**				

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE SIKESTON ALTIMETER SETTING, WHEN NOT RECEIVED USE CAIRO, IL ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CHARLESTON, MO	**ELEVATION: 313 TDZE: 313** AIRPORT NAME: **MISSISSIPPI COUNTY**	**CHQ**	**NDB RWY 36, AMDT 4B** 27 APRIL 2017	SUP AMDT **4A** DATE **06/26/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TST VOR/DME	**GRN NDB**	**060.45 / 52.20**	**6200**
EVENN INT	**GRN NDB**	**001.90 / 40.13**	**6000**

MISSED APPROACH

MAP: GRN NDB

CLIMB TO 5400 THEN RIGHT TURN DIRECT GRN NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 215.71 INBOUND.
FAS OBST: 3989 AAO 425234N/1020331W
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.

1. PT **R** SIDE OF COURSE **035.71** OUTBOUND **5300** FT WITHIN **10** MILES OF **GRN NDB** (IAF)
2.
3. FAC **215.71** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **GRN NDB 5600**

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-22	**4420**	**1**	**858**	**4420**	**1 1/4**	**858**	**4420**	**2 1/2**	**858**	**4420**	**2 1/2**	**858**			
CIRCLING	**4420**	**1 1/4**	**858**	**4420**	**1 1/4**	**858**	**4420**	**2 1/2**	**858**	**4420**	**2 3/4**	**858**			

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**GRN**	**NDB RWY 22, AMDT 4B** 27 APRIL 2017	SUP AMDT **4A** DATE **12/11/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	CAGUB (TF) (FB) (RNP 2.00)	342.02 / 29.26	7500
CAGUB (IAF)	EKIVE (TF) (FB) (RNP 1.00)	039.53 / 5.07	6100
EKIVE (IF)	FIPUR (TF) (FB) (RNP 1.00)	039.60 / 6.02	5200
FIPUR (FAF)	RW04 (MAP) (TF) (FO) (RNP 0.30)	039.66 / 4.91	
RW04 (MAP)	3936 MSL	039.66	
3936 MSL	MARZH (DF) (FO) (RNP 1.00)		5600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 5600 DIRECT MARZH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 219.86 INBOUND.
CHART FAS OBST: 3978 TOWER 424610N/1021212W
DISTANCE TO THLD FROM 391 HAT: 1.04 NM.
CHART VDP AT 2.30 NM TO RW04*
***LNAV ONLY.**
WAAS CHANNEL # 65909
REFERENCE PATH ID: W04A
LTP HAE: 1061.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT EKIVE**
3. FAC: **039.66** FAF: **FIPUR** DIST FAF TO MAP: **4.91** THLD: **4.91**
4. MIN. ALT: **EKIVE 6100, FIPUR 5200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **5200** GS ALT AT: **FIPUR 5200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.02** TCH: **60.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW04 5600**

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**3936**	**1 1/4**	**391**	**3936**	**1 1/4**	**391**		**NA**			**NA**				
LNAV/VNAV DA	**3972**	**1 1/2**	**427**	**3972**	**1 1/2**	**427**		**NA**			**NA**				
LNAV MDA	**4320**	**1**	**775**	**4320**	**1 1/4**	**775**		**NA**			**NA**				
CIRCLING	**4320**	**1**	**758**	**4320**	**1 1/4**	**758**		**NA**			**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.
(CONTINUED ON PAGE 2)

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 27 APRIL 2017	SUP: AMDT: **1A** DATED **11/15/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: PROCEDURE NA FOR ARRIVAL AT EVENN ON V100 SOUTHWEST BOUND.
CHART NOTE: BARO-VNAV NA.

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562** **TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 27 APRIL 2017	SUP: AMDT: **1A** DATED: **11/15/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	424807.1955N
LTP/FTP LONGITUDE	1021052.1960W
LTP/FTP ELLIPSOIDAL HEIGHT	+10616
FPAP LATITUDE	424905.9900N
FPAP LONGITUDE	1020921.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.02
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA4131FD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10801
FPAP ORTHOMETRIC HEIGHT	+10801

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 3562 TDZE: 3545	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1B 27 APRIL 2017	AMDT: 1A
				DATED: 11/15/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	RALFF (TF) (FB) (RNP 2.00)	015.44 / 48.12	6000
OQTUM (IAF)	MARZH (NOPT) (TF) (FB) (RNP 1.00)	129.74 / 5.00	5600
RALFF (IAF)	MARZH (NOPT) (TF) (FB) (RNP 1.00)	309.84 / 5.00	5600
MARZH (IF/IAF)	DANVE (TF) (FB) (RNP 1.00)	219.86 / 6.11	5300
DANVE (FAF)	RW22 (MAP) (TF) (FO) (RNP 0.30)	219.79 / 5.25	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 6100 DIRECT EKIVE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 039.66 INBOUND.
CHART FAS OBST: 3799 TREE 425044N/1020525W
DISTANCE TO THLD FROM 328 HAT: 0.90 NM.
CHART VDP AT 1.69 NM TO RW22*
***LNAV ONLY.**
WAAS CHANNEL # 86609
REFERENCE PATH ID: W22A
LTP HAE: 1067.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE MARZH, RT, 219.86 INBOUND, 5600 FT. IN LIEU OF PT (IAF)**
3. FAC: **219.79** FAF: **DANVE** DIST FAF TO MAP: **5.25** THLD: **5.25**
4. MIN. ALT: **MARZH 5600, DANVE 5300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **5300** GS ALT AT: **DAVNE 5300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM:

MAG VAR: **9E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**3890**	**1 1/4**	**328**	**3890**	**1 1/4**	**328**		**NA**			**NA**			**NA**	
LNAV/VNAV DA	**3922**	**1 1/4**	**360**	**3922**	**1 1/4**	**360**		**NA**			**NA**			**NA**	
LNAV MDA	**4140**	**1**	**578**	**4140**	**1**	**578**		**NA**			**NA**			**NA**	
CIRCLING	**4140**	**1**	**578**	**4140**	**1**	**578**		**NA**			**NA**			**NA**	

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.
CHART NOTE: PROCEDURE NA FOR ARRIVAL AT EVENN ON V100 SOUTHWEST BOUND.

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562** **TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1A** 27 APRIL 2017	SUP: AMDT: **1** DATED **09/25/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW22 (MAP)	3890 MSL	219.79	
3890 MSL	EKIVE (DF) (FO) (RNP 1.00)		6100

TAA

	FROM	TO	ALT
1.	130/30 CW 310/30 (NOPT)	MARZH (IF/IAF) (FB)	5600
2.	310/30 CW 040/30	RALFF (IAF) (FB)	5600
3.	040/30 CW 130/30	OQTUM (IAF) (FB)	5600

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1A 27 APRIL 2017	SUP: AMDT: 1 DATED: 09/25/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	424841.0495N
LTP/FTP LONGITUDE	1020959.8270W
LTP/FTP ELLIPSOIDAL HEIGHT	+10673
FPAP LATITUDE	424742.2500N
FPAP LONGITUDE	1021130.7900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5AA69216

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10857
FPAP ORTHOMETRIC HEIGHT	+10857

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1A 27 APRIL 2017	SUP: AMDT: 1 DATED: 09/25/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY INT	FOSSI LOM/BFV 12.81 DME	242.90 / 22.43	3800
HBR VORTAC	FOSSI LOM/BFV 12.81 DME	339.05 / 35.64	3800
BFV VORTAC	FOSSI LOM/BFV 12.81 DME	356.03 / 12.81	3800

MISSED APPROACH

ILS: DA
LOC: 5.45 NM AFTER FOSSI LOM/BFV 12.81 DME OR AT BFV 7.36 DME

CLIMB TO 3600 DIRECT BFV VORTAC AND HOLD(TACAN AIRCRAFT CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 220 AND ON BFV VORTAC R-275 TO SASHE/BFV 17.00 DME AND HOLD W, LT, 095.00 INBOUND).

ALTERNATE MA (DO NOT CHART): CLIMB TO 2500 THEN (SEE FORM 8260-10)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N FOSSI LOM, LT, 175.08 INBOUND, 3800 FT. IN LIEU OF PT (IAF)**
3. FAC: **175.08** FAF: **FOSSI LOM/BFV 12.81 DME** DIST FAF TO MAP: **5.45** THLD: **5.45**
4. MIN. ALT: **FOSSI LOM 3800**
5. DIST TO THLD FROM OM: **5.45** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **1050**
6. MIN GS INCPT: **3800** GS ALT AT: **-** OM: **3739** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **53.9**
8. MSA FROM: **BZ LOM 4100**

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 357.55 INBOUND.
CHART FAS OBST: 2003 TOWER 352701N/0991220W
CHART VDP AT 8.25 DME*
DISTANCE VDP TO THLD 0.89 NM.
***LOC ONLY.**
CHART CIRCLING ICON.
SASHE/BFV 17.00 DME.
CHART: (CFPLB) AT 353102.66N/0991204.22W
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **ILS: STANDARD #** **LOC: STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17R	2122	3/4	200	2122	3/4	200	2122	3/4	200	2122	3/4	200	2122	3/4	200
S-LOC 17R	2260	1	338	2260	1	338	2260	1	338	2260	1	338	2260	1	338
CIRCLING	2340	1	418	2380	1	458	2380	1 1/2	458	2620	2 1/4	698	2620	2 1/2	698

NOTES:
CHART NOTE: CIRCLING NA E OF RWY 17R-35L.

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT D 700-2 1/4, CAT E 700-2 1/2
@ CAT D 800-2 1/4, CAT E 800-2 1/2

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 1922 TDZE: 1922 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BURNS FLAT, OK	**CLINTON-SHERMAN**	**I-BZF**	**ILS OR LOC RWY 17R, AMDT 8** 27 APRIL 2017	AMDT: **7B** DATED **08/20/2015**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):
CLIMBING RIGHT TURN TO 3800 DIRECT FOSSI LOM/BFV 12.81 DME AND HOLD.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BURNS FLAT, OK	**ELEVATION: 1922** **TDZE: 1922** AIRPORT NAME: **CLINTON-SHERMAN**	**I-BZF**	**ILS OR LOC RWY 17R, AMDT 8** 27 APRIL 2017	SUP: AMDT: **7B** DATED: **08/20/2015**

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
BURNS FLAT, OK	CLINTON-SHERMAN	27 APRIL 2017	ORIG-A

TAKEOFF MINIMUMS:
RWY 17L, 17R, 35L, 35R STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 17L, TREE 655 FT FROM DER, 317 FT LEFT OF CENTERLINE, 23 FT AGL/1932 FT MSL.
NOTE: RWY 17R, TREE 1275 FT FROM DER, 620 FT RIGHT OF CENTERLINE, 35 FT AGL/1954 FT MSL.
NOTE: RWY 35R, ATCT 2797 FT FROM DER, 188 FT RIGHT OF CENTERLINE, 66FT AGL/1985 FT MSL. TOWER 3017 FT FROM DER, 296 FT RIGHT OF CENTERLINE, 85 FT AGL/1996 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY:	*Digitally signed by*	**OFFICE SYMBOL:**	**DATE:**
ROY F TURNER	***DANIEL D OLSON***	FICO	02/22/2017
	Feb 28, 2017		
DEVELOPED BY:		**OFFICE SYMBOL:**	**DATE:**
THOMAS L. KIRKPATRICK	THOMAS L KIRKPATRICK II Digitally signed by THOMAS L KIRKPATRICK II Date: 2017.01.31 07:04:23 -06'00'	AJV-5423	01/31/2017
APPROVED BY:	*Digitally signed by*	**OFFICE SYMBOL:**	**DATE:**
JULIE MORGAN	***DANIEL D OLSON***	AJV-5420	
	Feb 28, 2017		

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☐	☒	☒	☐	☐	☒

OTHER:
AMGR, CSM ATCT, ZFW

CHANGES - REASONS:
CHANGED CITY FROM CLINTON TO BURNS FLAT.
UPDATED RWY 35R TAKEOFF OBSTACLE NOTE.

QUALITY 9 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY INT	**BFV VORTAC**	**219.69 / 29.88**	**3600**

MISSED APPROACH

MAP: 5.13 NM AFTER BFV VORTAC OR AT 5.13 DME

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3600 DIRECT BFV VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 2075 AAO 351554N/0991213W
CHART VDP AT 3.95 DME
DISTANCE VDP TO THLD 1.18 NM.
CHART CIRCLING ICON.
BFV VORTAC TO RW35L: 3.01/50.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S BFV VORTAC, LT, 357.55 INBOUND, 3600 FT. IN LIEU OF PT (IAF)**
3. FAC **357.55** FAF **BFV VORTAC** DIST FAF TO MAP **5.13** THLD **5.13**
4. MIN. ALT **BFV VORTAC 3600**
8. MSA FROM: **BFV VORTAC 3800**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35L	**2340**	**1**	**427**												
CIRCLING	**2340**	**1**	**418**	**2380**	**1**	**458**	**2380**	**1 1/2**	**458**	**2620**	**2 1/4**	**698**	**2620**	**2 1/2**	**698**

NOTES:

CHART NOTE: CIRCLING NA E OF RWY 17R-35L.

@ CAT D 800-2 1/4, CAT E 800-2 1/2

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BURNS FLAT, OK	**ELEVATION: 1922** **TDZE: 1913** AIRPORT NAME: **CLINTON-SHERMAN**	**BFV**	**VOR RWY 35L, AMDT 12** 27 APRIL 2017	SUP AMDT **11D** DATE **11/23/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 1922 TDZE: 1913 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURNS FLAT, OK	**CLINTON-SHERMAN**	**BFV**	**VOR RWY 35L, AMDT 12** 27 APRIL 2017	AMDT: **11D** DATED: **11/23/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ODINS	GUVEC (FB)	272.44 / 19.34	4000
ROLLS	KEKEC (FB)	077.82 / 18.19	4000
GUVEC (IAF)	JENUM (FB)	262.26 / 8.00	4000
KEKEC (IAF)	JENUM (FB)	082.06 / 8.00	4000
JENUM (IF)	ZEPRO (FB)	172.16 / 7.63	3200
ZEPRO (FAF)	VODUC/2.00 NM TO RW17 (FB)	172.16 / 2.87	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT OSUCU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JENUM
3. FAC: 172.16 FAF: ZEPRO DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: JENUM 4000, ZEPRO 3200, VODUC/2.00 NM TO RW17 2280*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3200 GS ALT AT: ZEPRO 3200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW17 4500

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 352.17 INBOUND.
CHART FAS OBST: 1716 POLE 353357N/0985521W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
CHART VDP AT 1.04 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 93922
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 462.9 M

MAG VAR: 7E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1866	7/8	250	1866	7/8	250	1866	7/8	250		NA				
LNAV/VNAV DA	1866	7/8	250	1866	7/8	250	1866	7/8	250		NA				
LNAV MDA	1980	1	364	1980	1	364	1980	1	364		NA				
CIRCLING	2100	1	484	2220	1	604	2320	2	704		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA TO RWY 13 AND 31.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1616 TDZE: 1616 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, OK	CLINTON RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 3 27 APRIL 2017	AMDT: 2A DATED 04/02/2015

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VODUC/2.00 NM TO RW17	RW17 (MAP) (FO)	172.16 / 2.00	
RW17 (MAP)	1866 MSL	172.16	
1866 MSL	OSUCU (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEATHERFORD ALTIMETER SETTING: INCREASE DA TO 1898 AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WEATHERFORD ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLS ON V210-507 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ODINS ON V17 SOUTHEAST BOUND.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION / TDZE	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1616 TDZE: 1616** AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 3** 27 APRIL 2017	SUP: AMDT: **2A** DATED: **04/02/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	353234.8915N
LTP/FTP LONGITUDE	0985555.8945W
LTP/FTP ELLIPSOIDAL HEIGHT	+04629
FPAP LATITUDE	353105.6655N
FPAP LONGITUDE	0985554.2950W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	858090C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04901
FPAP ORTHOMETRIC HEIGHT	+04901

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KCLK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ODINS	010	ODINS	IF	FB										E
ODINS	020	GUVEC	TF	FB	2.0	272.4						AA 04000		E A
ODINS	030	JENUM	TF	FB	1.0	262.3						AA 04000		EE B
ROLLS	010	ROLLS	IF	FB										E
ROLLS	020	KEKEC	TF	FB	2.0	077.8						AA 04000		E A
ROLLS	030	JENUM	TF	FB	1.0	082.1						AA 04000		EE B
	010	JENUM	IF	FB								AA 04000		E I
	020	ZEPRO	TF	FB	1.0	172.2				RW17		AA 03200		E F
	021	VODUC	TF	FB	0.3	172.2		3.00				AA 02280	GS 02285	E S
	030	RW17	TF	FO	0.3	172.2		3.00				AT 01648		GY M
	040		CA	FB		172.2						AA 01866		M
	050	OSUCU	DF	FO								AA 04000		EY
	060	OSUCU	HM	FO		352.2			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GUVEC	N354512.59	W0984619.73
JENUM	N354505.94	W0985609.40
KEKEC	N354458.49	W0990559.04
ODINS	N354204.36	W0982253.54
OSUCU	N351920.52	W0985541.77
ROLLS	N354321.88	W0992814.51
VODUC	N353435.06	W0985558.05
ZEPRO	N353727.70	W0985601.15

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N353234.89	W0985555.89	01608	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1616** **TDZE: 1616**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLINTON, OK	AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 3** 27 APRIL 2017	AMDT: **2A**
				DATED: **04/02/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BFV VORTAC	HUVIV (FB)	045.96 / 8.33	4000
LIONS	YATUN (FB)	263.97 / 29.45	4000
HUVIV (IAF)	OSUCU (FB)	082.09 / 7.00	4000
YATUN (IAF)	OSUCU (FB)	262.25 / 7.00	4000
OSUCU (IF)	RONCY (FB)	352.17 / 7.60	3200
RONCY (FAF)	RW35 (MAP) (FO)	352.16 / 4.91	
RW35 (MAP)	2400 MSL	352.16	2400
2400 MSL	OSUCU (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 4000 DIRECT OSUCU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT OSUCU**
3. FAC: **352.16** FAF: **RONCY** DIST FAF TO MAP: **4.91** THLD: **4.91**
4. MIN. ALT: **OSUCU 4000, RONCY 3200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3200** GS ALT AT: **RONCY 3200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS CLEAR**
8. MSA FROM: **RW35 4500**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 352.17 INBOUND.
FAS OBST: 1790 AAO 352800N/0985611W
1800 AAO 352738N/0985605W
DISTANCE TO THLD FROM 250 HAT: 0.72 NM.
CHART VDP AT 1.31 MILES TO RW35*
***LNAV ONLY.**
WAAS CHANNEL # 70423
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 459.2 M

MAG VAR: **7E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1866**	**7/8**	**250**	**1866**	**7/8**	**250**	**1866**	**7/8**	**250**		**NA**				
LNAV/VNAV DA	**1870**	**7/8**	**254**	**1870**	**7/8**	**254**	**1870**	**7/8**	**254**		**NA**				
LNAV MDA	**2040**	**1**	**424**	**2040**	**1**	**424**	**2040**	**1 1/4**	**424**		**NA**				
CIRCLING	**2100**	**1**	**484**	**2220**	**1**	**604**	**2320**	**2**	**704**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA TO RWY 13 AND 31.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CLINTON, OK	**ELEVATION: 1616 TDZE: 1616** **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	SUP: AMDT: **3A** DATED **04/02/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEATHERFORD ALTIMETER SETTING: INCREASE DA TO 1902 AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WEATHERFORD ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BFV VORTAC AIRWAY RADIALS 055 CW 098.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1616** **TDZE: 1616** AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	SUP: AMDT: **3A** DATED: **04/02/2015**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	353152.3200N
LTP/FTP LONGITUDE	0985555.1225W
LTP/FTP ELLIPSOIDAL HEIGHT	+04592
FPAP LATITUDE	353321.5465N
FPAP LONGITUDE	0985556.7215W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1F354177

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04864
FPAP ORTHOMETRIC HEIGHT	+04864

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - KCLK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BFV	010	BFV	IF	FB										V
BFV	020	HUVIV	TF	FB	2.0	046.0						AA 04000		E A
BFV	030	OSUCU	TF	FB	1.0	082.1						AA 04000		EE B
LIONS	010	LIONS	IF	FB										E
LIONS	020	YATUN	TF	FB	2.0	264.0						AA 04000		E A
LIONS	030	OSUCU	TF	FB	1.0	262.3						AA 04000		EE B
	010	OSUCU	IF	FB								AA 04000		E I
	020	RONCY	TF	FB	1.0	352.2				RW35		AA 03200		E F
	030	RW35	TF	FO	0.3	352.2		3.00				AT 01636		GY M
	040		CA	FB		352.2						AA 02400		M
	050	OSUCU	DF	FO					L			AA 04000		EY
	060	OSUCU	HM	FO		352.2			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BFV	N351413.00	W0991222.20
HUVIV	N351914.12	W0990414.97
LIONS	N351901.68	W0981109.44
OSUCU	N351920.52	W0985541.77
RONCY	N352657.18	W0985549.84
YATUN	N351926.31	W0984708.55

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N353152.32	W0985555.12	01596	40

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **1616** **TDZE: 1616**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLINTON, OK	AIRPORT NAME: **CLINTON RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 4** 27 APRIL 2017	AMDT: **3A**
				DATED: **04/02/2015**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 19 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CLINTON, OK	**ELEVATION: 1615** **TDZE:** AIRPORT NAME: **CLINTON RGNL**	**BFV**	**VOR/DME-A, ORIG, 11/23/2006**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BFV VORTAC	EHOMO (FO)	332.15 / 24.66	4000
ROLLS (IAF)	EHOMO (NOPT) (FB)	142.84 / 7.28	4000
EHOMO (IF/IAF)	VOLSE (FB)	174.13 / 6.00	3600
VOLSE (FAF)	RW17 (MAP) (FO)	174.13 / 4.82	
RW17 (MAP)	2263 MSL	174.13	
2263 MSL	ASAZE (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT ASAZE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N EHOMO, RT, 174.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF)**
3. FAC: **174.13** FAF: **VOLSE** DIST FAF TO MAP: **4.82** THLD: **4.82**
4. MIN. ALT: **EHOMO 4000, VOLSE 3600**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3600** GS ALT AT: **VOLSE 3600** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **52.4** **34:1 IS CLEAR**
8. MSA FROM: **RW17 4100**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.13 INBOUND.
FAS OBST: 2270 AAO 352940N/0992422W
DISTANCE TO THLD FROM 250 HAT: 0.62 NM.
CHART VDP AT 1.42 MILES TO RW17*
***LNAV ONLY.**
WAAS CHANNEL # 82408
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 586.3 M

MAG VAR: **6E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2263	3/4	250	2263	3/4	250	2263	3/4	250	2263	3/4	250			
LNAV/VNAV DA	2263	3/4	250	2263	3/4	250	2263	3/4	250	2263	3/4	250			
LNAV MDA	2520	3/4	507	2520	3/4	507	2520	1 3/8	507	2520	1 3/8	507			
CIRCLING	2520	1	507	2680	1	667	2680	1 3/4	667	2740	2 1/4	727			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLS ON V210-507 WESTBOUND.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELK CITY, OK	**ELEVATION: 2013 TDZE: 2013** AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1** DATED **09/25/2008**

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NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BFV VORTAC AIRWAY RADIALS 266 CW 055.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/8 MILE ALL CATS; INCREASE LNAV ALL CATS AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS AND LNAV CATS C/D. WHEN USING CLINTON-SHERMAN ALTIMETER SETTING, FOR INOPERATIVE ODALS, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CAT D VISIBILITY TO 1 5/8 MILE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 2013 TDZE: 2013 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	**ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED: **09/25/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352617.5460N
LTP/FTP LONGITUDE	0992339.3230W
LTP/FTP ELLIPSOIDAL HEIGHT	+05863
FPAP LATITUDE	352448.3090N
FPAP LONGITUDE	0992339.5705W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D290EA61

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06135
FPAP ORTHOMETRIC HEIGHT	+06135

QUALITY 5 CHECKED

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ARINC SUMMARY - KELK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BFV	010	BFV	IF	FB										V
BFV	020	EHOMO	TF	FO	2.0	332.2						AA 04000		EY
BFV	030	EHOMO	HF	FO		174.1			R			AA 04000		EE A
ROLLS	010	ROLLS	IF	FB										E A
ROLLS	020	EHOMO	TF	FB	1.0	142.8						AA 04000		EE B
	010	EHOMO	IF	FB								AA 04000		E I
	020	VOLSE	TF	FB	1.0	174.1				RW17		AA 03600		E F
	030	RW17	TF	FO	0.3	174.1		3.00				AT 02065		GY M
	040		CA	FB		174.1						AA 02263		M
	050	ASAZE	DF	FO								AA 04000		EY
	060	ASAZE	HM	FO		354.1			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BFV	N351413.00	W0991222.20
ASAZE	N351418.96	W0992341.31
EHOMO	N353707.69	W0992337.52
ROLLS	N354321.88	W0992814.51
VOLSE	N353107.14	W0992338.52

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N352617.55	W0992339.32	02013	52.4

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **2013** **TDZE: 2013**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **09/25/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ASAZE (IF/IAF)	PETDO (FB)	354.13 / 6.12	3600
PETDO (FAF)	RW35 (MAP) (FO)	354.13 / 4.95	
RW35 (MAP)	2234 MSL	354.13	
2234 MSL	EHOMO (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4000 DIRECT EHOMO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ASAZE, RT, 354.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 354.13 FAF: PETDO DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: ASAZE 4000, PETDO 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: PETDO 3600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.13 INBOUND.
CHART FAS OBST: 2271 TOWER 352257N/0992428W
CHART: 2330 TOWER 352026N/0992401W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.41 MILES TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 53508
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 574.6 M

MAG VAR: 6E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2234	7/8	250	2234	7/8	250	2234	7/8	250	2234	7/8	250			
LNAV/VNAV DA	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393			
LNAV MDA	2560	1	576	2560	1	576	2560	1 5/8	576	2560	1 5/8	576			
CIRCLING	2560	1	547	2680	1	667	2680	1 3/4	667	2740	2 1/4	727			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800-2 1/4

QUALITY 5 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELK CITY, OK	ELEVATION: 2013 TDZE: 1984 AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 35, AMDT 2 27 APRIL 2017	SUP: AMDT: 1 DATED 09/25/2008

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NOTES, (CONT.):
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ASAZE ON V140 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET; INCREASE LPV, LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/8 MILE, AND CAT C/D CIRCLING VISIBILITY 1/4 MILE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 2013 TDZE: 1984 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	**ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2** 27 APRIL 2017	AMDT: **1** DATED: **09/25/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	352524.1475N
LTP/FTP LONGITUDE	0992339.4710W
LTP/FTP ELLIPSOIDAL HEIGHT	+05746
FPAP LATITUDE	352653.3845N
FPAP LONGITUDE	0992339.2240W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A7E301D6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06018
FPAP ORTHOMETRIC HEIGHT	+06018

QUALITY 5 CHECKED

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ARINC SUMMARY - KELK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ASAZE	010	ASAZE	HF	FO		354.1			R			AA 04000		EE A
	010	ASAZE	IF	FB								AA 04000		E I
	020	PETDO	TF	FB	1.0	354.1				RW35		AA 03600		E F
	030	RW35	TF	FO	0.3	354.1		3.00				AT 02024		GY M
	040		CA	FB		354.1						AA 02234		M
	050	EHOMO	DF	FO								AA 04000		EY
	060	EHOMO	HM	FO		174.1			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ASAZE	N351418.96	W0992341.31
EHOMO	N353707.69	W0992337.52
PETDO	N352026.85	W0992340.30

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N352524.15	W0992339.47	01974	50

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **2013** **TDZE: 1984**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **09/25/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAXEY	MITZI (FO)	153.88 / 15.52	4500
LEPIY	POGIC (FB)	065.51 / 15.65	4500
LIONS	ZUNAP (FB)	259.25 / 20.21	4500
POGIC (IAF)	MITZI (NOPT) (FB)	039.84 / 5.00	4500
ZUNAP (IAF)	MITZI (NOPT) (FB)	308.98 / 5.00	4500
MITZI (IF/IAF)	PENLY (FB)	353.88 / 6.50	3400
PENLY (FAF)	WIXIP/2.50 NM TO RW35 (FB)	353.88 / 2.46	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW35
LNAV: RW35

CLIMB TO 4000 DIRECT ROKOY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 173.88 INBOUND.
CHART FAS OBST: 1724 TREE 353026N/0984016W
CHART FAS OBST: 1761 TWR 353212N/0984042W
CHART: 1772 POLE 352937N/0984007W
WAAS CHANNEL # 97534
REFERENCE PATH ID: W35A
PENLY TO RW35: 3.34/41.
CHART CIRCLING ICON.
LTP HAE: 460.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S MITZI, RT, 353.88 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 353.88 FAF: PENLY DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: MITZI 4500, PENLY 3400, WIXIP/2.50 NM TO RW35 2520
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4500

MAG VAR: 6E EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1980	1	375	1980	1	375	1980	1	375		NA				
LNAV MDA	2020	1	415	2020	1	415	2020	1 1/8	415		NA				
CIRCLING	2080	1	475	2140	1	535	2380	2 1/4	775		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NIGHT LANDING: RWY 17, 35 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 800-2 1/4

QUALITY 18 CHECKED

CITY AND STATE	ELEVATION: 1605 TDZE: 1605 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEATHERFORD, OK	THOMAS P STAFFORD	RNAV	RNAV (GPS) RWY 35, AMDT 3 27 APRIL 2017	AMDT: 2 DATED 08/21/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIXIP/2.50 NM TO RW35	RW35 (MAP) (FO)	353.88 / 2.50	
RW35 (MAP)	1980 MSL	353.88	
1980 MSL	ROKOY (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON RGNL ALTIMETER SETTING: INCREASE ALL MDA 40 FT AND VISIBILITY CAT C 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAXEY ON V210-507 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEPIY ON V440 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LIONS ON V272 EASTBOUND.

QUALITY 18 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEATHERFORD, OK	**ELEVATION: 1605** **TDZE: 1605** AIRPORT NAME: **THOMAS P STAFFORD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 3** 27 APRIL 2017	SUP: AMDT: **2** DATED: **08/21/2014**

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOJA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	353219.6505N
LTP/FTP LONGITUDE	0984006.5590W
LTP/FTP ELLIPSOIDAL HEIGHT	+04603
FPAP LATITUDE	353348.8865N
FPAP LONGITUDE	0984006.7875W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.34
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	7E004EF7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04873
FPAP ORTHOMETRIC HEIGHT	+04873

QUALITY 18 CHECKED

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ARINC SUMMARY - KOJA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LEPIY	010	LEPIY	IF	FB										E
LEPIY	020	POGIC	TF	FB	2.0	065.5						AA 04500		E A
LEPIY	030	MITZI	TF	FB	1.0	039.8						AA 04500		EE B
LIONS	010	LIONS	IF	FB										E
LIONS	020	ZUNAP	TF	FB	2.0	259.3						AA 04500		E A
LIONS	030	MITZI	TF	FB	1.0	309.0						AA 04500		EE B
WAXEY	010	WAXEY	IF	FB										E
WAXEY	020	MITZI	TF	FO	2.0	153.9						AA 04500		EY
WAXEY	030	MITZI	HF	FO		353.9			R			AA 04500		EE A
	010	MITZI	IF	FB								AA 04500		E I
	020	PENLY	TF	FB	1.0	353.9				RW35		AA 03400		E F
	021	WIXIP	TF	FB	0.3	353.9		3.34				AA 02520 GS 02526		E S
	030	RW35	TF	FO	0.3	353.9		3.34				AT 01640		GY M
	040		CA	FB		353.9						AA 01980		M
	050	ROKOY	DF	FO								AA 04000		EY
	060	ROKOY	HM	FO		173.9			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LEPIY	N351224.90	W0990235.50
LIONS	N351901.68	W0981109.44
MITZI	N352051.00	W0984004.78
PENLY	N352721.40	W0984005.80
POGIC	N351721.74	W0984427.86
ROKOY	N354434.22	W0984008.44
WAXEY	N353526.73	W0984636.32
WIXIP	N352949.42	W0984006.17
ZUNAP	N351718.68	W0983545.38

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N353219.65	W0984006.56	01599	41

QUALITY 18 CHECKED

CITY AND STATE	ELEVATION: **1605** **TDZE: 1605**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEATHERFORD, OK	AIRPORT NAME: **THOMAS P STAFFORD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 3** 27 APRIL 2017	AMDT: **2**
				DATED: **08/21/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JST VORTAC (IAF)	IGOCI INT/JST 17.45 DME (NOPT)	303.23 / 17.45	4200
IGOCI INT/JST 17.45 DME (IF/IAF)	ZINTA INT	232.78 / 6.11 (I-LBE)	3900

MISSED APPROACH

ILS: DA
LOC: 8.53 NM AFTER ZINTA INT

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 056.00 INBOUND.
FAS OBST: 1499 AAO 401849N/0792029W
2199 AAO 402240N/0791328W
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE IGOCI, RT, 232.78 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
3. FAC: 232.78 FAF: ZINTA INT DIST FAF TO MAP: 8.53 THLD: 8.53
4. MIN. ALT: IGOCI 4200, ZINTA 3900, POSER OM 2380*
5. DIST TO THLD FROM OM: 4.21 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 3900 GS ALT AT: ZINTA 3900 OM: 2584 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: JST VORTAC 4400 (28 NM)

MAG VAR: 7W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # LOC: @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	1345	1/2	200	1345	1/2	200	1345	1/2	200	1345	1/2	200			
S-LOC 23	2380	3/4	1235	2380	1	1235	2380	3	1235	2380	3	1235			
CIRCLING	2380	1 1/4	1181	2380	1 1/2	1181	2380	3	1181	2380	3	1181			
POSER OM MINIMUMS															
S-LOC 23	1760	1/2	615	1760	1/2	615	1760	1 3/8	615	1760	1 3/8	615			
CIRCLING	1760	1	561	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON JST VORTAC AIRWAY RADIALS 266 CW 326.
*LOC ONLY
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 23 CATS C/D.
(CONTINUED ON PAGE 2)

#@ NA WHEN CONTROL TOWER CLOSED.
#@ CAT A, B 1200-2, CAT C, D 1200-3

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 ARNOLD PALMER RGNL	I-LBE	ILS OR LOC RWY 23, AMDT 17 27 APRIL 2017	SUP: AMDT: 16A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALS, INCREASE POSER OM MINIMUMS S-LOC 23 CATS C/D VISIBILITY TO 1 3/4 SM.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**I-LBE**	**ILS OR LOC RWY 23, AMDT 17** 27 APRIL 2017	SUP: AMDT: **16A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**I-LBE**	**ILS OR LOC RWY 23, AMDT 17** 27 APRIL 2017	SUP: AMDT: **16A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WETAB (IF/IAF)	ARNIE (FB)	052.66 / 6.10	2700
ARNIE (FAF)	RW05 (MAP) (FO)	052.72 / 4.57	
RW05 (MAP)	1449 MSL	052.72	
1449 MSL	IGOCI (FO)		4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 4200 DIRECT IGOCI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WETAB, RT, 052.66 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 052.72 FAF: ARNIE DIST FAF TO MAP: 4.57 THLD: 4.57
4. MIN. ALT: WETAB 4000, ARNIE 2700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: ARNIE 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.8 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 232.93 INBOUND.
CHART FAS OBST: 1423 TREE 401545N/0792628W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.37 NM TO RW05*
*LNAV ONLY.
WAAS CHANNEL # 70539
REFERENCE PATH ID: W05A
CHART CIRCLING ICON.
LTP HAE: 332.6 M

MAG VAR: 7W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1449	3/4	250	1449	3/4	250	1449	3/4	250	1449	3/4	250			
LNAV/VNAV DA	1716	1 3/4	517	1716	1 3/4	517	1716	1 3/4	517	1716	1 3/4	517			
LNAV MDA	1680	1	481	1680	1	481	1680	1 3/8	481	1680	1 3/8	481			
CIRCLING	1740	1	541	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ CAT C 900-2 1/2, CAT D 900-2 3/4
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 1199 TDZE: 1199 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LATROBE, PA	ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 5, AMDT 1 27 APRIL 2017	AMDT: ORIG-A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	323/30 CW 143/30 (NOPT)	323/10 CW 143/10	4900
2.	323/10 CW 143/10	WETAB (IF/IAF) (FB)	4000
3.	143/30 CW 343/30	143/10 CW 343/10	4900
4.	143/10 CW 343/10	WETAB (IF/IAF) (FO)	4000

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1199** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBE
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	401554.8280N
LTP/FTP LONGITUDE	0792515.1755W
LTP/FTP ELLIPSOIDAL HEIGHT	+03326
FPAP LATITUDE	401657.0185N
FPAP LONGITUDE	0792351.7575W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0248
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7EE8E58F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03654
FPAP ORTHOMETRIC HEIGHT	+03654

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1199 AIRPORT NAME: ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 5, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 08/28/2008

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ARINC SUMMARY - KLBE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
WETAB	010	WETAB	HF	FO		052.7			R			AA 04000		EE A
	010	WETAB	IF	FB								AA 04000		E I
	020	ARNIE	TF	FB	1.0	052.7						AA 02700		E F
	030	RW05	TF	FO	0.3	052.7		3.00				AT 01244		GY M
	040		CA	FB		052.7						AA 01449		M
	050	IGOCI	DF	FO	1.0							AA 04200		EY
	060	IGOCI	HM	FO		232.9			R			AA 04200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ARNIE	N401243.19	W0792931.82
IGOCI	N402657.88	W0791022.42
WETAB	N400827.34	W0793513.50

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW05	N401554.83	W0792515.18	01199	44.8

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **1199** **TDZE: 1199**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LATROBE, PA	AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-A**
				DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IGOCI (IF/IAF)	ZINTA (FB)	232.93 / 6.11	3900
ZINTA (FAF)	XICBU/3.00 NM TO RW23 (FB)	232.87 / 5.53	
XICBU/3.00 NM TO RW23	RW23 (MAP) (FO)	232.87 / 3.00	
RW23 (MAP)	1345 MSL	232.87	
1345 MSL	WETAB (FO)		4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 4200 DIRECT WETAB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE IGOCI, RT, 232.93 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
3. FAC: 232.87 FAF: ZINTA DIST FAF TO MAP: 8.53 THLD: 8.53
4. MIN. ALT: IGOCI 4200, ZINTA 3900, XICBU/3.00 NM TO RW23 2140*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3900 GS ALT AT: ZINTA 3900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 052.66 INBOUND.
CHART FAS OBST: 1322 TREE 401613N/0792346W
1979 AAO 402153N/0791442W
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 1.24 NM TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 70499
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: 311.7 M

MAG VAR: 7W EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1345	1/2	200	1345	1/2	200	1345	1/2	200	1345	1/2	200			
LNAV/VNAV DA	1498	3/4	353	1498	3/4	353	1498	3/4	353	1498	3/4	353			
LNAV MDA	1580	1/2	435	1580	1/2	435	1580	3/4	435	1580	3/4	435			
CIRCLING	1740	1	541	1780	1	581	2060	2 1/2	861	2060	2 3/4	861			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ CAT C 900-2 1/2, CAT D 900-2 3/4
CHART NOTE: CIRCLING NA SE OF RWY 5-23.
CHART NOTE: DME/DME RNP-0.3 NA.

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED 08/28/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	143/30 CW 323/30 (NOPT)	143/7 CW 343/7	4800
2.	143/7 CW 323/7	IGOCI (IF/IAF) (FB)	4200
3.	323/30 CW 143/30	323/7 CW 143/7	4600
4.	323/7 CW 143/7	IGOCI (IF/IAF) (FO)	4200

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	**ELEVATION: 1199** **TDZE: 1145** AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	SUP: AMDT: **ORIG-A** DATED: **08/28/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBE
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	401645.6365N
LTP/FTP LONGITUDE	0792407.0285W
LTP/FTP ELLIPSOIDAL HEIGHT	+03117
FPAP LATITUDE	401543.4435N
FPAP LONGITUDE	0792530.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	290B1ECB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03444
FPAP ORTHOMETRIC HEIGHT	+03444

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LATROBE, PA	ELEVATION: 1199 TDZE: 1145 AIRPORT NAME: ARNOLD PALMER RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-A DATED: 08/28/2008

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ARINC SUMMARY - KLBE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
IGOCI	010	IGOCI	HF	FO		232.9			R			AA 04200		EE A
	010	IGOCI	IF	FB								AA 04200		E I
	020	ZINTA	TF	FB	1.0	232.9						AA 03900		E F
	021	XICBU	TF	FB	0.3	232.9		3.00				AA 02140 GS 02140		E S
	030	RW23	TF	FO	0.3	232.9		3.00				AT 01185		GY M
	040		CA	FB		232.9						AA 01345		M
	050	WETAB	DF	FO	1.0							AA 04200		EY
	060	WETAB	HM	FO		052.7			R			AA 04200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
IGOCI	N402657.88	W0791022.42
WETAB	N400827.34	W0793513.50
XICBU	N401851.23	W0792118.39
ZINTA	N402242.36	W0791607.34

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N401645.64	W0792407.03	01130	55.0

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: **1199** **TDZE: 1145**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LATROBE, PA	AIRPORT NAME: **ARNOLD PALMER RGNL**	**RNAV**	**RNAV (GPS) RWY 23, AMDT 1** 27 APRIL 2017	AMDT: **ORIG-A**
				DATED: **08/28/2008**

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
LATROBE, PA	ARNOLD PALMER RGNL	27 APRIL 2017	6

TAKEOFF MINIMUMS:

RWY 23, STANDARD.

RWY 5, STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 3300 OR 1700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5 - CLIMB HEADING 037.77 TO 3300 BEFORE PROCEEDING ON COURSE.

RWY 23 - CLIMB HEADING 232.78 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 5: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS ARNOLD PALMER RGNL AIRPORT AT OR ABOVE 2700 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5: UTILITY 143 FT FROM DER, 412 FT LEFT OF CENTERLINE, 14 FT AGL/1143 FT MSL. POLES BEGINNING 1184 FT FROM DER, 750 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1184 FT MSL. TREE 2046 FT FROM DER, 234 FT LEFT OF CENTERLINE, 1187 FT MSL. TREE 3077 FT FROM DER, 264 FT RIGHT OF CENTERLINE, 57 FT AGL/1217 FT MSL. TREE 4788 FT FROM DER, 951 FT LEFT OF CENTERLINE, 82 FT AGL/1260 FT MSL.

NOTE: RWY 23, POLE 511 FT FROM DER, 578 FT LEFT OF CENTERLINE, 40 FT AGL/1239 FT MSL. TREES AND POLE BEGINNING 634 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 1256 FT MSL. TREES BEGINNING 1421 FT FROM DER, 774 FT RIGHT OF CENTERLINE, UP TO 1257 FT MSL. TREES BEGINNING 1824 FT FROM DER, 784 FT RIGHT OF CENTERLINE, UP TO 1275 FT MSL. TREES BEGINNING 2656 FT FROM DER, 1161 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/1296 FT MSL. TREE 3093 FT FROM DER, 1193 FT RIGHT OF CENTERLINE, 62 FT AGL/1310 FT MSL. TREES BEGINNING 3106 FT FROM DER, 958 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1322 FT MSL. TREES BEGINNING 3352 FT FROM DER, 1020 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1348 FT MSL.

CONTROLLING OBSTACLES:

RWY 5 (VCOA): 2419 FT MSL AAO 401242.50N/0792252.40W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 5 - 2953 FT MSL TOWER 402030.00N/0791402.00W.

RWY 23 - 2448 FT MSL TOWER 400919.82N/0792542.29W.

QUALITY 24 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
LATROBE, PA	ARNOLD PALMER RGNL	27 APRIL 2017	6

REMARKS:

1. RWY 5 DEPARTURE COURSE OFFSET 15 DEGREES LEFT OF RUNWAY CENTERLINE TO ACHIEVE BEST TAKEOFF MINIMUMS.
2. SUITABLE NAVAID NOT AVAILABLE TO DEVELOP DEPARTURE PROCEDURE WITH POSITIVE COURSE GUIDANCE (AGC VOR AND CIP VOR ARE SCHEDULED TO BE DECOMMISSIONED AS PART OF VOR MON). A CLIMB GRADIENT WAS ESTABLISHED (220 FT PER NM) TO ENSURE DEAD RECKONING DOES NOT EXCEED 10 NM . A FLIGHT INSPECTION 4D ACCURACY REQUEST FOR THE CONTROLLING OBSTACLE WAS CONSIDERED, HOWEVER, EVEN WITHOUT HORIZONTAL AND VERTICAL ACCURACY ADJUSTMENTS, THE RESULTING THE DEAD RECKONING COURSE EXCEEDED 10 NM.

FLIGHT INSPECTED BY: DURLEY J FELDER	*Digitally signed by* ***JULIE A MORGAN*** Nov 23, 2016	**OFFICE SYMBOL:** FICO	**DATE:** 11/17/2016
DEVELOPED BY: PETER GUIMOND	*Digitally signed by* ***PETER R GUIMOND*** Aug 24, 2016	**OFFICE SYMBOL:** AJV-5412	**DATE:** 08/24/2016
APPROVED BY: MARLON ROBINSON	*Digitally signed by* ***JULIE A MORGAN*** Nov 23, 2016	**OFFICE SYMBOL:** AJV-5410	**DATE:**

REQUIRED EFFECTIVE DATE:

ROUTINE.

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

OTHER:

ZOB, JST APP CON, LBE ATCT, AMGR.

CHANGES - REASONS:

1. REMOVED ALL REFERENCES TO RWY 3 AND RWY 21 - RUNWAY HAS PERMANENTLY CLOSED.
2. AMENDED RWY 5 TAKEOFF MINIMUMS FROM STANDARD TO STANDARD WITH MININUM CLIMB OF 220 FT PER NM TO 3300 OR 1700-3 FOR VCOA - SUITABLE NAVAID NOT AVAILABLE TO ESTABLISH A DEPARTURE PROCEDURE WITH POSITIVE COURSE GUIDANCE. CLIMB GRADIENT REQUIRED TO ENSURE DEAD RECKONING COURSE DOES NOT EXCEED MAXIMUM OF 10 NM.
3. AMENDED RWY 5 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 040.77 TO 3300 BEFORE PROCEEDING ON COURSE TO READ: CLIMB HEADING 037.77 TO 3300 BEFORE PROCEEDING ON COURSE - MAXIMUM 15 DEGREE OFFSET USED TO ESTABLISH BEST TAKEOFF MINIMUMS.
5. ESTABLISHED A VCOA FOR RWY 5 - IN ACCORDANCE WITH CURRENT POLICY TO PROVIDE AN ALTERNATIVE FOR AIRCRAFT UNABLE TO MEET THE 220 FT PER NM CLIMB GRADIENT.
6. AMENDED RWY 23 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 235.78 TO 3000 BEFORE PROCEEDING ON COURSE TO READ: CLIMB HEADING 232.78 TO 2300 BEFORE PROCEEDING ON COURSE - NEW OBSTACLE STUDY.
7. AMENDED CONTROLLING OBSTACLE FOR RWY 23 - FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.
8. AMENDED TAKEOFF OBSTACLE NOTES FOR RWY 5 AND RWY 23 - GROUPED AND FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.

QUALITY 24 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: MAJ NDB/DME

CLIMB TO 1000 ON MAJ NDB/DME BRG-062 THEN CLIMBING RIGHT TURN TO 1300 DIRECT MAJ NDB/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 062.16 INBOUND.
FAS OBST: 208 SHIP'S MAST 070448N/1711425E
CHART 241 MSL TOWER 070721N/1712105E
CHART CIRCLING ICON.
ZADES TO RW07: 2.91/55
FAC CROSSES RWY C/L EXTENDED 2993 FT FROM THLD.

1. PT **L** SIDE OF COURSE **242.16** OUTBOUND **1300** FT WITHIN **10** MILES OF **MAJ NDB/DME** (IAF)
2.
3. FAC **062.16** FAF DIST FAF TO MAP THLD
4. MIN. ALT **ZADES/MAJ 2.20 DME 600**
8. MSA FROM: **MAJ NDB/DME 1300**

MAG VAR: **10E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-07	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**1 3/4**	**593**			
CIRCLING	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**2**	**593**			
ZADES FIX MINIMUMS (DME REQUIRED)															
S-07	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 3/8**	**513**	**520**	**1 3/8**	**513**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

CHECKED 4 QUALITY

CITY AND STATE	ELEVATION: 7 TDZE: 7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**MAJ**	**NDB RWY 7, AMDT 1A** 27 APRIL 2017	AMDT **1** DATE **08/20/2015**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: MAJ NDB/DME

CLIMB TO 1000 ON MAJ NDB/DME BRG-249 THEN CLIMBING RIGHT TURN TO 1300 DIRECT MAJ NDB/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 249.07 INBOUND.
FAS OBST: 208 SHIP'S MAST 070513N/1711700E
CHART 241 TOWER 070721N/1712105E
TIVIE TO RW25: 2.95/46.
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 2996 FT FROM THLD.

1. PT **L** SIDE OF COURSE **069.07** OUTBOUND **1300** FT WITHIN **10** MILES OF **MAJ NDB** (IAF)
2.
3. FAC **249.07** FAF DIST FAF TO MAP THLD
4. MIN. ALT **TIVIE/MAJ 2.58 DME 600**
8. MSA FROM: **MAJ NDB/DME 1300**

MAG VAR: **10E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-25	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**1 3/4**	**593**			
CIRCLING	**600**	**1**	**593**	**600**	**1**	**593**	**600**	**1 3/4**	**593**	**600**	**2**	**593**			
TIVIE FIX MINIMUMS (DME REQUIRED)															
S-25	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 3/8**	**513**	**520**	**1 3/8**	**513**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

CHECKED 4 QUALITY

CITY AND STATE	ELEVATION: 7 TDZE: 7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**MAJ**	**NDB RWY 25, AMDT 1A** 27 APRIL 2017	AMDT **1** DATE **08/20/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EFAHU	**KUHEK (TF) (FB) (RNP 2.00)**	**242.17 / 40.32**	**2000**
WOZTI	**NOFKE (TF) (FB) (RNP 2.00)**	**123.74 / 17.48**	**2000**
NOFKE (IAF)	**OGEVE (NOPT) (TF) (FB) (RNP 1.00)**	**123.58 / 5.00**	**1700**
KUHEK (IAF)	**OGEVE (NOPT) (TF) (FB) (RNP 1.00)**	**156.19 / 5.00**	**1700**
OGEVE (IF/IAF)	**UFUZO (TF) (FB) (RNP 1.00)**	**066.19 / 5.00**	**1700**
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW07

CLIMB TO 1700 DIRECT TOZTU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 246.23 INBOUND.
CHART CIRCLING ICON.
UFUZO WP TO RW07: 3.09/54.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW OGEVE, LT, 066.19 INBOUND, 2000 FT. IN LIEU OF PT (IAF)**
3. FAC: **066.20** FAF: **UFUZO** DIST FAF TO MAP: **5.00** THLD: **5.00**
4. MIN. ALT: **OGEVE 1700, UFUZO 1700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW07 1300**

MAG VAR: **10E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**460**	**1**	**453**	**460**	**1**	**453**	**460**	**1 3/8**	**453**	**460**	**1 3/8**	**453**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 4

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MAJURO ATOLL, RM	**ELEVATION: 7 TDZE: 7** AIRPORT NAME: **MARSHALL ISLANDS INTL**	**RNAV**	**RNAV (GPS) RWY 7, ORIG-D** 27 APRIL 2017	SUP: AMDT: **ORIG-C** DATED **04/05/2012**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UFUZO (FAF)	RW07 (MAP) (TF) (FO) (RNP 0.30)	066.20 / 5.00	
RW07 (MAP)	407 MSL	066.20	
407 MSL	TOZTU (DF) (FO) (RNP 1.00)		1700

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 7 TDZE: 7	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MAJURO ATOLL, RM	AIRPORT NAME: MARSHALL ISLANDS INTL	RNAV	RNAV (GPS) RWY 7, ORIG-D 27 APRIL 2017	AMDT: ORIG-C
				DATED: 04/05/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOZTI	**ZIVZU (TF) (FB) (RNP 2.00)**	**088.87 / 36.17**	**2000**
EFAHU	**NUGWO (TF) (FB) (RNP 2.00)**	**223.65 / 15.49**	**2000**
NUGWO (IAF)	**TOZTU (NOPT) (TF) (FB) (RNP 1.00)**	**223.63 / 5.00**	**1700**
ZIVZU (IAF)	**TOZTU (NOPT) (TF) (FB) (RNP 1.00)**	**156.23 / 5.00**	**1700**
TOZTU (IF/IAF)	**IMUFO (TF) (FB) (RNP 1.00)**	**246.23 / 5.00**	**1700**
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW25

CLIMB TO 1700 DIRECT OGEVE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 066.19 INBOUND.
CHART FAS OBST: 208 208' SHIP 070345N/1711722W
CHART CIRCLING ICON.
IMUFO WP TO RW25: 3.09/54.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE TOZTU, LT, 246.23 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**
3. FAC: **246.22** FAF: **IMUFO** DIST FAF TO MAP: **5.00** THLD: **5.00**
4. MIN. ALT: **TOZTU 1700, IMUFO 1700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW25 1300**

MAG VAR: **10E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**460**	**1**	**453**	**460**	**1**	**453**	**460**	**1 3/8**	**453**	**460**	**1 3/8**	**453**			
CIRCLING	**520**	**1**	**513**	**520**	**1**	**513**	**520**	**1 1/2**	**513**	**560**	**2**	**553**			

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 7 TDZE: 7 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MAJURO ATOLL, RM	**MARSHALL ISLANDS INTL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-D** 27 APRIL 2017	AMDT: **ORIG-C** DATED **04/05/2012**

QUALITY 4 CHECKED

FAA FORM 8260 - 3 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IMUFO (FAF)	RW25 (MAP) (TF) (FO) (RNP 0.30)	246.22 / 5.00	
RW25 (MAP)	407 MSL (CA)	246.22	
407 MSL	OGEVE (DF) (FO) (RNP 1.00)		1700

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MAJURO ATOLL, RM	ELEVATION: 7 TDZE: 7 AIRPORT NAME: MARSHALL ISLANDS INTL	RNAV	RNAV (GPS) RWY 25, ORIG-D 27 APRIL 2017	SUP: QUALITY 4 CHECKED AMDT: ORIG-C DATED: 04/05/2012

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MILLINGTON, TN	MILLINGTON RGNL JETPORT	27 APRIL 2017	ORIG-A

TAKEOFF MINIMUMS:
RWY 22: STANDARD.
RWY 4: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 600, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 4, TREE 62 FT FROM DER, 339 FT LEFT OF CENTERLINE, 365 FT MSL. TREES BEGINNING 79 FT FROM DER, 487 FT LEFT OF CENTERLINE, UP TO 382 FT MSL. GRD 97 FT FROM DER, 326 FT RIGHT OF CENTERLINE, 323 FT MSL. GRD 290 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 328 FT MSL. FENCE BEGINNING 318 FT FROM DER, 488 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/336 FT MSL. TREE 587 FT FROM DER, 591 FT RIGHT OF CENTERLINE, 368 FT MSL. TREE 1967 FT FROM DER, 119 FT RIGHT OF CENTERLINE, 370 FT MSL. TREE 2198 FT FROM DER, 319 FT RIGHT OF CENTERLINE, 376 FT MSL. TREE 2242 FT FROM DER, 924 FT LEFT OF CENTERLINE, 409 FT MSL. TREE 2354 FT FROM DER, 865 FT RIGHT OF CENTERLINE, 410 FT MSL. TREES BEGINNING 2382 FT FROM DER, 910 FT RIGHT OF CENTERLINE, UP TO 428 FT MSL. TREES BEGINNING 2408 FT FROM DER, 952 FT LEFT OF CENTERLINE, UP TO 422 FT MSL. TREES BEGINNING 2670 FT FROM DER, 1202 FT RIGHT OF CENTERLINE, UP TO 431 FT MSL. TREES BEGINNING 3274 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 444 FT MSL. TREES BEGINNING 3664 FT FROM DER, 1121 FT LEFT OF CENTERLINE, UP TO 426 FT MSL. TREE 3867 FT FROM DER, 1021 FT LEFT OF CENTERLINE, 428 FT MSL. TREES BEGINNING 3920 FT FROM DER, 802 FT LEFT OF CENTERLINE, UP TO 433 FT MSL. TREES BEGINNING 4022 FT FROM DER, 254 FT LEFT OF CENTERLINE, UP TO 434 FT MSL. TREES BEGINNING 4191 FT FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 448 FT MSL. TREES BEGINNING 4194 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 455 FT MSL. TREES BEGINNING 4255 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 457 FT MSL. TREES BEGINNING 4293 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 456 FT MSL. TREES BEGINNING 4511 FT FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 459 FT MSL. TREES BEGINNING 4751 FT FROM DER, 585 FT RIGHT OF CENTERLINE, UP TO 471 FT MSL. TREE 5332 FT FROM DER, 1693 FT LEFT OF CENTERLINE, 465 FT MSL. TREES BEGINNING 5356 FT FROM DER, 1674 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREE 5476 FT FROM DER, 1873 FT LEFT OF CENTERLINE, 484 FT MSL. TREES BEGINNING 5606 FT FROM DER, 1797 FT LEFT OF CENTERLINE, UP TO 489 FT MSL.

NOTE: RWY 22, GRD 44 FT FROM DER, 484 FT LEFT OF CENTERLINE, 278 FT MSL. TREE 197 FT FROM DER, 497 FT LEFT OF CENTERLINE, 289 FT MSL. TREES BEGINNING 1368 FT FROM DER, 291 FT RIGHT OF CENTERLINE, UP TO 335 FT MSL. TREES BEGINNING 3439 FT FROM DER, 1257 FT RIGHT OF CENTERLINE, UP TO 371 FT MSL. TREE 3835 FT FROM DER, 670 FT RIGHT OF CENTERLINE, 374 FT MSL.

CONTROLLING OBSTACLES:
RWY 4: 489 FT MSL TREE 352250.07N/0895119.21W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 474 FT MSL TREE 352251.20N/0895115.45W (VISIBILITY).

REMARKS:

			OFFICE SYMBOL:	DATE:
FLIGHT INSPECTED BY: PENDING	CLINT PALMER	*Digitally signed by* ***ADOLFO D URRUTIA*** Feb 28, 2017	FICO	02/21/2017
DEVELOPED BY: TOMMY BYRNS	*Digitally signed by* ***TOMMY BYRNS*** Jan 11, 2017		OFFICE SYMBOL: AJV-5411	DATE:
APPROVED BY: GEORGE DAVIS	*Digitally signed by* ***ADOLFO D URRUTIA*** Feb 28, 2017		OFFICE SYMBOL: AJV-5410	DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

QUALITY 24 CHECKED

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MILLINGTON, TN	MILLINGTON RGNL JETPORT	27 APRIL 2017	ORIG-A

OTHER:
ZME, MEM ATCT, AMGR

CHANGES - REASONS:
CHANGES:
1. ADDED CLIMB GRADIENT FOR RWY 4 FROM STANDARD TO 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 600, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FEET PRIOR TO DER.
2. ADDED TAKEOFF OBSTACLE NOTES.

REASONS:
1. NEW CONTROLLING OBSTACLE FOR RWY 4 (KNQAT0651) 489 FT MSL TREE 352250.07N/0895119.21W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 474 FT MSL TREE 352251.20N/0895115.45W (VISIBILITY).
2. CURRENT SURVEY IDENTIFIES NUMEROUS LOW CLOSE IN OBSTRUCTIONS NOT PREVIOUSLY IDENTIFIED.

QUALITY 24 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HINOD	ZEBEG (FO)	195.21 / 17.76	7000
BGD VORTAC	YEKUY (FB)	096.86 / 27.57	7000
WUDPI	HULOG (FB)	342.45 / 17.25	7000
YEKUY (IAF)	ZEBEG (NOPT) (FB)	098.25 / 8.00	7000
HULOG (IAF)	ZEBEG (NOPT) (FB)	340.37 / 9.00	7000
ZEBEG (IF/IAF)	OCGAK (FB)	038.23 / 11.88	4500
OCGAK (FAF)	ALLIB/3.10 NM TO RW04 (FB)	038.36 / 3.41	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 7000 DIRECT ZIGUG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW ZEBEG, RT, 038.23 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 038.36 FAF: OCGAK DIST FAF TO MAP: 6.51 THLD: 6.51
4. MIN. ALT: ZEBEG 7000, OCGAK 4500, ALLIB/3.10 NM TO RW04 3400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4500 GS ALT AT: OCGAK 4500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 38.0 34:1 IS CLEAR
8. MSA FROM: RW04 4600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.54 INBOUND.
CHART FAS OBST: 2523 TREE 355300N/1002431W
CHART 2668 RD (N) 355053N/1002646W.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.11 MILES TO RW04*
*LNAV ONLY.
WAAS CHANNEL # 42637
REFERENCE PATH ID: W04A
CHART CIRCLING ICON.
LTP HAE: 699.5 M

MAG VAR: 6E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2637	1	250	2637	1	250	2637	1	250	2637	1	250			
LNAV/VNAV DA	2684	1	297	2684	1	297	2684	1	297	2684	1	297			
LNAV MDA	2780	1	393	2780	1	393	2780	1 1/8	393	2780	1 1/8	393			
CIRCLING	3040	1	644	3040	1	644	3280	2 3/4	884	3340	3	944			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING NA TO RWY 18 AND 36.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 900-2 3/4, CAT D 1000-3

QUALITY 16 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CANADIAN, TX	ELEVATION: 2396 TDZE: 2387 HEMPHILL COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 2 27 APRIL 2017	SUP: AMDT: 1 DATED 11/13/2014

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALLIB/3.10 NM TO RW04	RW04 (MAP) (FO)	038.36 / 3.10	
RW04 (MAP)	2637 MSL	038.36	
2637 MSL	ZIGUG (FO)		7000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAGE ALTIMETER SETTING: INCREASE LPV DA TO 2751 AND ALL VISIBILITIES 1/4 MILE AND LNAV/VNAV DA TO 2798 AND ALL VISIBILITIES 3/8 MILE; INCREASE ALL MDA 120 FT AND VISIBILITY LNAV CAT C AND D AND CIRCLING CAT C 1/4 MILE.
CHART NOTE: VPD AND BARO-VNAV NA WHEN USING GAGE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HINOD ON V12-280 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BGD VORTAC AIRWAY RADIALS 050 CW 096.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WUDPI ON V140 EASTBOUND.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CANADIAN, TX	**ELEVATION: 2396** **TDZE: 2387** AIRPORT NAME: **HEMPHILL COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2** 27 APRIL 2017	SUP: AMDT: **1** DATED: **11/13/2014**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHHF
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	355324.5300N
LTP/FTP LONGITUDE	1002437.1300W
LTP/FTP ELLIPSOIDAL HEIGHT	+06995
FPAP LATITUDE	355428.2650N
FPAP LONGITUDE	1002320.3765W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	13A63499

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07277
FPAP ORTHOMETRIC HEIGHT	+07277

QUALITY 16 CHECKED

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ARINC SUMMARY - KHHF

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BGD	010	BGD	IF	FB										V
BGD	020	YEKUY	TF	FB	2.0	096.9						AA 07000		E A
BGD	030	ZEBEG	TF	FB	1.0	098.3						AA 07000		EE B
HINOD	010	HINOD	IF	FB										E
HINOD	020	ZEBEG	TF	FO	2.0	195.2						AA 07000		EY
HINOD	030	ZEBEG	HF	FO		038.2			R			AA 07000		EE A
WUDPI	010	WUDPI	IF	FB										E
WUDPI	020	HULOG	TF	FB	2.0	342.5						AA 07000		E A
WUDPI	030	ZEBEG	TF	FB	1.0	340.4						AA 07000		EE B
	010	ZEBEG	IF	FB								AA 07000		E I
	020	OCGAK	TF	FB	1.0	038.2				RW04		AA 04500		E F
	021	ALLIB	TF	FB	0.3	038.4		3.00				AA 03400 GS 03413		E S
	030	RW04	TF	FO	0.3	038.4		3.00				AT 02425		GY M
	040		CA	FB		038.4						AA 02637		M
	050	ZIGUG	DF	FO								AA 07000		EY
	060	ZIGUG	HM	FO		218.5			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BGD	N354825.46	W1012255.75
ALLIB	N355111.44	W1002717.25
HINOD	N355648.98	W1003231.55
HULOG	N353128.03	W1003748.64
OCGAK	N354844.80	W1003013.41
WUDPI	N351432.26	W1003334.73
YEKUY	N354212.27	W1004955.87
ZEBEG	N354013.58	W1004024.87
ZIGUG	N360552.40	W1000933.74

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW04	N355324.53	W1002437.13	02387	38

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **2396** **TDZE: 2387**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CANADIAN, TX	AIRPORT NAME: **HEMPHILL COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2** 27 APRIL 2017	AMDT: **1**
				DATED: **11/13/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 11 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
KERRVILLE, TX	**ELEVATION: 1617** **TDZE: 1589** AIRPORT NAME: **KERRVILLE MUNI/LOUIS SCHREINER FLD**	**ERV**	**NDB RWY 30, AMDT 4, 10/27/2005**	SUP AMDT **3A** DATE **2/11/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UIM VOR/DME	AVZ NDB	253.07/45.19	2500

MISSED APPROACH

MAP: **2.83 MILES AFTER AVZ NDB.**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT AVZ NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 192.75 INBOUND.
CHART FAS OBST: 665 TOWER 324417N/0961647W
AVZ NDB TO RW17: 3.60/45
CHART AIRPORT ELEVATION 474 FEET, TDZE 474.
FAC CROSSES RWY C/L EXTENDED 3 FEET FROM THLD.

1. PT **L** SIDE OF COURSE **012.75** OUTBOUND **2500** FT WITHIN **10** MILES OF **AVZ NDB** (IAF)
2.
3. FAC **192.75** FAF **AVZ NDB** DIST FAF TO MAP **2.83** THLD **2.83**
4. MIN. ALT **AVZ NDB 1600**
8. MSA FROM: **AVZ NDB 2400**

MAG VAR: **6E** EPOCH YEAR: **85**

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY ====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA	MDA	VIS	HAT/ HAA
S-17	**980**	**1**	**506**	**980**	**1**	**506**	**980**	**1 1/2**	**506**		**NA**				
CIRCLING	**980**	**1**	**506**	**980**	**1**	**506**	**980**	**1 1/2**	**506**		**NA**				

NOTES: **CHART NOTES: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT. IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL MDAs 80 FEET.**
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 474 TDZE: 474 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP AMDT 3 DATE 05/28/1996
TERRELL, TX	**TERRELL MUNI**	**AVZ**	**NDB RWY 17, AMDT 4** 27 APRIL 2017	

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT____ SIDE OF COURSE____ OUTBOUND____ FT WITHIN____ MILES OF _____ (IAF)
2. _____
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: _____
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: _____
8. MSA FROM: _____

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WHEELER, TX	**ELEVATION: 2470 TDZE: 2465** AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A, 04/02/2015**	SUP: AMDT: **ORIG** DATED **10/20/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT____ SIDE OF COURSE____ OUTBOUND____ FT WITHIN____ MILES OF _____ (IAF)
2. _____
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: _____
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: _____
8. MSA FROM: _____

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS		DH/MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: 2470	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG-A, 04/02/2015**	AMDT: **ORIG**
				DATED **10/20/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRISC	FIVWI (FB)	045.65 / 10.98	7000
OKWUS (IAF)	LUDIY (FB)	264.78 / 8.00	7000
FIVWI (IAF)	LUDIY (FB)	084.59 / 7.50	7000
EYMUV (IAF)	LUDIY (FB)	174.68 / 15.93	7000
LUDIY (IF)	VUGKU (FB)	174.68 / 9.00	4300
VUGKU (FAF)	YIBUL/2.50 NM TO RW17 (FB)	174.68 / 3.24	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW17

CLIMB TO 7000 DIRECT XANZI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.69 INBOUND.
CHART FAS OBST: 2544 TREE 352705N/1001236W
VUGKU TO RW17: 3.00/40.
CHART CIRCLING ICON.
CHART HEMPHILL COUNTY AWOS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT LUDIY**
3. FAC: **174.68** FAF: **VUGKU** DIST FAF TO MAP: **5.74** THLD:
4. MIN. ALT: **LUDIY 7000, VUGKU 4300, YIBUL/2.50 NM TO RW17 3260**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT:
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW17 4600**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**2980**	**1**	**510**	**3000**	**1**	**530**	**3020**	**1 1/2**	**550**		**NA**				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE HEMPHILL COUNTY ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRISC ON V272-440 WESTBOUND.
CHART PLANVIEW NOTE ADJACENT TO OKWUS: RADAR REQUIRED.

QUALITY 23 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
WHEELER, TX	**ELEVATION: 2470 TDZE:** AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG** 27 APRIL 2017	SUP: AMDT: **NONE** DATED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YIBUL/2.50 NM TO RW17	RW17 (MAP) (FO)	174.68 / 2.50	
RW17 (MAP)	2870 MSL	174.68	
2870 MSL	XANZI (FO)		7000

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	WHEELER MUNI	RNAV	RNAV (GPS)-A, ORIG 27 APRIL 2017	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - T59

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRISC	010	BRISC	IF	FB										E
BRISC	020	FIVWI	TF	FB	2.0	045.7						AA 07000		E A
BRISC	030	LUDIY	TF	FB	1.0	084.6						AA 07000		EE B
EYMUV	010	EYMUV	IF	FB										E A
EYMUV	020	LUDIY	TF	FB	1.0	174.7						AA 07000		EE B
OKWUS	010	OKWUS	IF	FB										E A
OKWUS	020	LUDIY	TF	FB	1.0	264.8						AA 07000		EE B
	010	LUDIY	IF	FB								AA 07000		E I
	020	VUGKU	TF	FB	1.0	174.7				RW17		AA 04300		E F
	021	YIBUL	TF	FB	0.3	174.7		3.00				AA 03260 GS 03267		E S
	030	RW17	TF	FO	0.3	174.7		3.00				AT 02471		GY M
	040		CA	FB		174.7						AA 02870		M
	050	XANZI	DF	FO								AA 07000		EY
	060	XANZI	HM	FO		354.7			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BRISC	N353506.86	W1003143.58
EYMUV	N355804.53	W1001212.44
FIVWI	N354204.57	W1002118.35
LUDIY	N354207.44	W1001205.84
OKWUS	N354209.72	W1000216.49
VUGKU	N353306.63	W1001202.14
XANZI	N351234.70	W1001153.93
YIBUL	N352951.70	W1001200.81

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N352721.47	W1001159.78	02431	

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: **2470** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-A, 0RIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRISC	WUXOR (FB)	159.06 / 23.48	7000
WUDPI	WUXOR (FB)	099.27 / 8.22	7000
ZASPA (IAF)	XANZI (FB)	264.78 / 8.00	7000
WUXOR (IAF)	XANZI (FB)	084.50 / 9.80	7000
XANZI (IF)	IYTEY (FB)	354.69 / 9.50	4000
IYTEY (FAF)	JOKDI/2.51 NM TO RW35 (FB)	354.69 / 2.17	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW35

CLIMB TO 7000 DIRECT LUDIY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.68 INBOUND.
CHART FAS OBST: 2624 TREE 352501N/1001233W
IYTEY TO RW35: 3.00/40.
CHART CIRCLING ICON.
CHART HEMPHILL COUNTY AWOS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT XANZI**
3. FAC: **354.69** FAF: **IYTEY** DIST FAF TO MAP: **4.68** THLD:
4. MIN. ALT: **XANZI 7000, IYTEY 4000, JOKDI/2.51 NM TO RW35 3300**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW35 4600**

MAG VAR: **5E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**2980**	**1**	**510**	**3000**	**1**	**530**	**3020**	**1 1/2**	**550**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE HEMPHILL COUNTY ALTIMETER SETTING.
CHART PLANVIEW NOTE ADJACENT TO ZASPA: RADAR REQUIRED.
(CONTINUED ON PAGE 2)

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: / AMDT: / DATED
WHEELER, TX	**WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	**NONE**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOKDI/2.51 NM TO RW35	RW35 (MAP) (FO)	354.69 / 2.51	
RW35 (MAP)	2870 MSL	354.69	
2870 MSL	LUDIY (FO)		7000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRISC ON V272-440 WESTBOUND AND V402-440 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WUDPI ON V140 WESTBOUND.

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: 2470 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	**WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - T59

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BRISC	010	BRISC	IF	FB										E
BRISC	020	WUXOR	TF	FB	2.0	159.1						AA 07000		E A
BRISC	030	XANZI	TF	FB	1.0	084.5						AA 07000		EE B
WUDPI	010	WUDPI	IF	FB										E
WUDPI	020	WUXOR	TF	FB	2.0	099.3						AA 07000		E A
WUDPI	030	XANZI	TF	FB	1.0	084.5						AA 07000		EE B
ZASPA	010	ZASPA	IF	FB										E A
ZASPA	020	XANZI	TF	FB	1.0	264.8						AA 07000		EE B
	010	XANZI	IF	FB								AA 07000		E I
	020	IYTEY	TF	FB	1.0	354.7				RW35		AA 04000		E F
	021	JOKDI	TF	FB	0.3	354.7		3.00				AA 03300 GS 03309		E S
	030	RW35	TF	FO	0.3	354.7		3.00				AT 02510		GY M
	040		CA	FB		354.7						AA 02870		M
	050	LUDIY	DF	FO								AA 07000		EY
	060	LUDIY	HM	FO		174.7			R			AA 07000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BRISC	N353506.86	W1003143.58
IYTEY	N352205.59	W1001157.69
JOKDI	N352415.99	W1001158.55
LUDIY	N354207.44	W1001205.84
WUDPI	N351432.26	W1003334.73
WUXOR	N351230.10	W1002351.47
XANZI	N351234.70	W1001153.93
ZASPA	N351236.91	W1000208.16

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N352646.78	W1001159.55	02470	

QUALITY 23 CHECKED

CITY AND STATE	ELEVATION: **2470** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: **WHEELER MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 27 APRIL 2017	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 27 APRIL 2017

QUALITY 23 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WHEELER, TX	**ELEVATION: 2470 TDZE:** AIRPORT NAME: **WHEELER MUNI**	**SYO**	**VOR/DME-A, AMDT 2, 10/20/2011**	SUP **VOR/DME OR GPS-A** AMDT **1A** DATE **05/07/2009**

FAA FORM 8260-5 / April 2006 (computer generated)

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31126; Amdt. No. 3740]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule amends, suspends, or removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide for the safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability

All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit the National Flight Data Center online at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Procedures Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION:

This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (NFDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR §97.20. The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained on FAA form documents is unnecessary.

This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and Takeoff Minimums and ODP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP and Takeoff Minimums and ODP as modified by FDC permanent NOTAMs.

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied only to specific conditions existing at the affected

airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts.

The circumstances that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore-- (1) is not a “significant regulatory action” under Executive Order 12866;(2) is not a “significant rule” under DOT regulatory Policies and Procedures (44 FR 11034; February 26, 1979) ; and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97

Air Traffic Control, Airports, Incorporation by reference, Navigation (Air).

Issued in Washington, DC on **MARCH 10, 2017.**

John S. Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (14 CFR part 97), is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, effective at 0901 UTC on the dates specified, as follows:

PART 97 – STANDARD INSTRUMENT APPROACH PROCEDURES

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(f), 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
27-Apr-17	AK	Kenai	Kenai Muni	7/9573	2/28/17	RNAV (GPS) RWY 20R, Amdt 3

AIRAC Date: 27 APRIL 2017

FDC **7/9573** ENA IAP KENAI MUNI, KENAI, AK. RNAV (GPS) RWY 20R, AMDT 3... DELETE NOTE: NIGHT LANDING: RWY 2L, 20R NA. CHART NOTE: CIRCLING RWY 2R, 20L NA AT NIGHT. THIS IS RNAV (GPS) RWY 20R, AMDT 3A. 1702011400-PERM