

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 07-13

May 18, 2007

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, ATO-R
(AVAILABLE ON THE WEB AT [HTTP://NFDC.FAA.GOV](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 published in Transmittal Letters 07-
11&07-12:**

Ruby, AK, Ruby, RNAV (GPS) RWY 3, Amdt 1
Tok, AK, Tok Junction, RNAV (GPS)-A, Orig-A
Pago Pago, AS, Pago Pago Intl, Takeoff Minimums and Textual DP, Amdt 4
Hugoton, KS, Hugoton Muni, RNAV (GPS) RWY 20, Orig
Jacksboro, TN, Campbell County, RNAV (GPS) RWY 23, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ZUMUN (IAF)	WINUR (NOPT) (FB)	120.33 / 6.00	3800	LNAV: SOLCO CLIMBING RIGHT TURN TO 3800 DIRECT WINUR AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 881 TREE 644255N/1553037W YARUN TO RW03: 3.49/40 CHART APT ELEV: 657 CHART TDZE: 648 CHART GALENA MOA
DUCEL (IAF)	WINUR (NOPT) (FB)	300.59 / 6.00	3800	
WINUR (IF/IAF)	TINUC (FB)	030.46 / 6.23	2700	
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.				

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW WINUR, RT, 030.46 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
- FAC: 030.63 FAF: TINUC DIST FAF TO MAP: 6.11 THLD: 6.21
- MIN. ALT: WINUR 3800, TINUC 2700, YARUN/2.90 NM TO SOLCO 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 20E EPOCH YEAR: 2005

TAKEOFF:	STANDARD	X	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	1260	1	612	1260	1	612	1260	1 3/4	612		NA				
CIRCLING	1260	1	603	1260	1	603	1260	1 3/4	603		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GALENA ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 657 TDZE: 648	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 3, AMDT 1	SUP: RNAV (GPS) RWY 03
RUBY, AK	AIRPORT NAME: RUBY		JUL -5 2007	AMDT: ORIG-A
				DATED 08/03/2006

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

TAA

	FROM	TO	ALT
1.	301/30 CW 120/30 (NOPT)	WINUR (IF/IAF) (FB)	3800
2.	120/30 CW 211/30	120/10 CW 211/10	5100
3.	120/10 CW 211/10	ZUMUN (IAF) (FB)	3800
4.	211/30 CW 301/30	211/10 CW 301/10	4600
5.	211/10 CW 301/10	DUCEL (IAF) (FB)	3800

CITY AND STATE

RUBY, AK

ELEVATION: 657

TDZE: 648

AIRPORT NAME:

RUBY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 3, AMDT 1

JUL -5 2007

SUP: RNAV (GPS) RWY 03

AMDT: ORIG-A

DATED: 08/03/2006

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33

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[illegible]

SCANEAE	NRT	DUCEL	PA0	W	L N64305661W155421921	E0190	NAW	DUCEL
SCANEAE	NRT	SOLCO	PA0	W	L N64432170W155285825	E0192	NAW	SOLCO
SCANEAE	NRT	TINUC	PA0	W	L N64393044W155395869	E0191	NAW	TINUC
SCANEAE	NRT	WINUR	PA0	W	L N64353359W155510946	E0189	NAW	WINUR
SCANEAE	NRT	YARUN	PA0	W	L N64413199W155341224	E0191	NAW	YARUN
SCANEAE	NRT	ZUMUN	PA0	W	L N64401003W156000271	E0189	NAW	ZUMUN

[illegible]

SCANP RBY PAARBY	0	040YSN64433800W155281150E020000657	1800018000C	MNAW	RUBY

[illegible]

SCANP	RBYP	PAFP03	ADUCEL	010DUCELPAEA0E	A	IF				18000		G	S
SCANP	RBYP	PAFP03	ADUCEL	020WINURPAEA0EE		010TF	30060060	+	03800			G	S
SCANP	RBYP	PAFP03	AZUMUN	010ZUMUNPAEA0E	A	IF				18000		G	S
SCANP	RBYP	PAFP03	AZUMUN	020WINURPAEA0EE		010TF	12030060	+	03800			G	S
SCANP	RBYP	PAFP03	AWINUR	010WINURPAEA0EE	CR	HF	03050050	+	03800	18000		G	S
SCANP	RBYP	PAFP03	P	010WINURPAEA0E	I	IF		+	03800	18000		G	S
SCANP	RBYP	PAFP03	P	020TINUCPAEA0E	F	051TF	03050062	+	02700			G	S
SCANP	RBYP	PAFP03	P	021YARUNPAEA0E	S	031TF	03060032	V	0180001809		-349	G	S
SCANP	RBYP	PAFP03	P	030SOLCOPAEA0EY	M	031TF	03060029		00720		-349	G	S
SCANP	RBYP	PAFP03	P	040		0 M 010CA	0306	+	01057			G	S
SCANP	RBYP	PAFP03	P	050WINURPAEA0EY		R010DF		+	03800			G	S
SCANP	RBYP	PAFP03	P	060WINURPAEA0EE		HR020HM	03050050	+	03800			G	S

[illegible]

SCANP RBY PAGRW03 0040200308 N64432548W155284741+0200 00648000040100

CITY AND STATE
RUBY, AK

ELEVATION: 657 TDZE: 648
AIRPORT NAME:
RUBY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 3, AMDT 1
JUL -5 2007

SUP:	RNAV (GPS) RWY 03
AMDT:	ORIG-A
DATED:	08-03-2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DUCEL	DUCEL	010	IAF	IF		FB				
	DUCEL	WINUR	020		TF		FB	1.0	300.6 (321T)	006.0	03800
	ZUMUN	ZUMUN	010	IAF	IF		FB				
	ZUMUN	WINUR	020		TF		FB	1.0	120.3 (140T)	006.0	03800
	WINUR	WINUR	010		HF	R	FB		030.5 (051T)	005.0	03800
	WINUR	WINUR	010	FACF	IF		FB				03800
	TINUC	TINUC	020	FAF	TF		FB	0.5	030.5 (051T)	006.2	02700
	YARUN	YARUN	021	SDF	TF		FB	0.3	030.6 (051T)	003.2	01800
	SOLCO	SOLCO	030	MAP	TF		FO	0.3	030.6 (051T)	002.9	00720

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	030.6 (051T)		01057
	WINUR	050		DF	R	FO	1.0			03800
	WINUR	060		HM	R	FO	2.0	030.5 (051T)	005.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUCEL	N643056.61	W1554219.21	N6430.944	W15542.320
	SOLCO	N644321.70	W1552858.25	N6443.362	W15528.971
	TINUC	N643930.44	W1553958.69	N6439.507	W15539.978
	WINUR	N643533.59	W1555109.46	N6435.560	W15551.158
	YARUN	N644131.99	W1553412.24	N6441.533	W15534.204
	ZUMUN	N644010.03	W1560002.71	N6440.167	W15600.045
	RW03	N644325.48	W1552847.41	N6443.425	W15528.790

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00648	40

CITY AND STATE
RUBY, AKELEVATION: 657 TDZE: 648
AIRPORT NAME:
RUBYFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 3, AMDT 1

JUL -5 2007

SUP: RNAV (GPS) RWY 03
AMDT: ORIG-A
DATED: 08-03-2006

INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	T O	COURSE AND DISTANCE	ALTITUDE				
CIMGO (IAF)(40E)(43A)	DETEY (TF)(FB)(40E)(41E)	346.47/6.45	5900	LNAV: RW25			
DETEY (IF)(40E)(43I)	HUMIK (TF)(FB)(40E)(43F)	266.51/7.00	4800	CLIMB TO 8000 DIRECT GEYET AND VIA 261.16 TRACK TO EGAXE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000.			
HUMIK (FAF)(43E)(43F)	JUKAN (TF)(FB)(40E)(42S)	266.30/6.30	2740				
JUKAN (40E)(42S)	RW25 (TF)(FO)(40G)(41Y)(43M)	266.30/3.70		ADDITIONAL FLIGHT DATA: HOLD W, LT, 093.55 INBOUND CHART FAS OBST: 1899 AAO 631857N/1425442W CHART 2499 AAO 631345N/1423848W. CHART NORTHWAY ASOS, 135.40 FREQUENCY.			
RW25 (MAP)(40G)(41Y)(43M)	2039 MSL (CA)(42M)	266.30					
2039 MSL	GEYET (DF)(FB)(40E)						
GEYET (40E)	EGAXE (TF)(FO)(40E)(41E)(43H)	261.16/16.28	8000	ROUTE TYPE: A, P ROUTE TYPE QUALIFIER 2: C			
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED N TL 07-12.							
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT DETEY 3. FAC: <u>266.30</u> FAF: HUMIK DIST FAF TO MAP: <u>10.00</u> THLD: <u> </u> 4. MIN. ALT: DETEY 5900, HUMIK 4800, JUKAN/3.70 NM TO RW25 (40E)(42S) 2740 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u> </u> 8. MSA FROM: RW25 8700							
MAG VAR: 29E EPOCH YEAR: 85							
MINIMUMS							
TAKEOFF: <u> </u>	STANDARD <u>X</u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A <u>X</u>		
CATEGORY <u> </u>	A		B		C		D
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA
CIRCLING	2580	1 1/4	941	2580	1 1/4	941	NA
NOTES: CHART NOTES: USE NORTHWAY ALTIMETER SETTING DME/DME RNP-0.3 NA.							
CITY AND STATE	ELEVATION: 1639 TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:		SUP:
TOK, AK	AIRPORT NAME: TOK JUNCTION		RNAV		AUG 30 2007 RNAV (GPS) - A, ORIG-A		AMDT: ORIG
							DATED: 11/23/2006

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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(1) TAKEOFF MINIMUMS:

RWY 26, NA - OBSTACLES

RWY 5, STANDARD

RWY 8, STANDARD

RWY 23, STANDARD WITH MINIMUM CLIMB OF 320 FEET PER NM TO 800, OR 2700-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) DEPARTURE PROCEDURE:

RWY 5 - CLIMBING RIGHT TURN SOUTHBOUND BETWEEN TUT R-090 CW TO R-180 TO 2800, THEN PROCEED ON COURSE.

RWY 8 - CLIMBING RIGHT TURN SOUTHBOUND BETWEEN TUT R-090 CW TO R-180 TO 2800, THEN PROCEED ON COURSE.

RWY 23 - CLIMBING LEFT TURN HEADING 150 SOUTHBOUND BETWEEN TUT R-090 CW TO R-180 TO 2800, THEN PROCEED ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS PAGO PAGO INTERNATIONAL AIRPORT AT OR ABOVE 2600 BEFORE PROCEEDING ON COURSE.

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL07-12.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, BUSH 1' FROM DER, 237' RIGHT OF CENTERLINE, 3' AGL/12' MSL. BUSH 379' FROM DER, 362' LEFT OF CENTERLINE, 14' AGL/23' MSL. SHIP 998' FROM DER, 57' RIGHT OF CENTERLINE, 150' AGL/150' MSL.

NOTE: RWY 8, BUSH 689' FROM DER, 360' LEFT OF CENTERLINE, 15' AGL/23' MSL. SHIP 1,435' FROM DER, 304' LEFT OF CENTERLINE, 150' AGL/150' MSL.

NOTE: RWY 23: MULTIPLE TREES BEGINNING 352' FROM DER, 173' LEFT OF CENTERLINE, UP TO 20' AGL/132' MSL. MULTIPLE TREES BEGINNING 881' FROM DER, 296' RIGHT OF CENTERLINE, UP TO 20' AGL/172' MSL. MULTIPLE TREES AND POLES BEGINNING 1.6 NM FROM DER, 38' RIGHT OF CENTERLINE, UP TO 367' AGL/ 554' MSL. TREE 2.3 NM FROM DER, 2126' LEFT OF CENTERLINE, 20' AGL/ 387' MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 2342 MSL AAO 141741.00S/1704213.00W.

RWY 8: 2342 MSL AAO 141741.00S/1704213.00W.

RWY 23: 476 MSL TREE 142108.24S/1704516.81W. 2342 MSL AAO 141741.00S/1704213.00W. 554 MSL TREE 142136.78S/1704603.88W.

(5) City, State

PAGO PAGO, AS. ←

(6) Airport

PAGO PAGO INTL

(7) Effective Date

5 JUL 07

(8) Amdt. No.

4



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
LBL VORTAC	ZATUX (FB)	320.89 / 18.76	5000	LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 5000 DIRECT OVAME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 015.59 INBOUND. CHART FAS OBST: 3167 POLE 371012N/1012205W CHART FAS OBST: 3616 TOWER 371135N/1011951W CHART 3280 GRAIN ELEVATOR 371054N/1012123W CHART VDP AT 2.20 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 86603 REFERENCE PATH ID: W20A DISTANCE TO THLD FROM 250 HAT: 0.65 NM			
UPIRE	POYIL (FB)	099.68 / 9.32	5000				
ZATUX (IAF)	WAGIX (NOPT) (FB)	285.77 / 5.00	5000				
POYIL (IAF)	WAGIX (NOPT) (FB)	105.65 / 5.00	5000				
WAGIX (IF/IAF)	YAPUS (FB)	195.71 / 6.36	5000				
THIS IS A CORRECTED COPY OF THE PROCEDURE PUBLISHED IN TL07-12.							

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)			
2. HOLD N WAGIX, RT, 195.71 INBOUND, 5000 FT. IN LIEU OF PT (IAF)			
3. FAC: <u>195.68</u> FAF: <u>YAPUS</u> DIST FAF TO MAP: <u>5.64</u> THLD: <u>5.64</u>			
4. MIN. ALT: <u>WAGIX 5000, YAPUS 5000</u>			
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>			
6. MIN GS INCPT: <u>5000</u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>			
7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR			
8. MSA FROM: <u>RW20 5100</u>			

MINIMUMS															
TAKEOFF:	STANDARD	X	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	3382	1	250	3382	1	250	3382	1	250		NA				
LNAV/VNAV DA	3437	1	305	3437	1	305	3437	1	305		NA				
LNAV MDA	3860	1	728	3860	1	728	3860	2	728		NA				
CIRCLING	3860	1	726	3860	1	726	3860	2	726		NA				

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING LIBERAL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

CITY AND STATE HUGOTON, KS	ELEVATION: 3134 TDZE: 3132	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 20, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: HUGOTON MUNI			AMDT: NONE
				DATED

RNAV (GPS) - STANDARD
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NOTES CONT.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIBERAL ALTIMETER SETTING AND INCREASE ALL DAS 84 FEET AND ALL MDAS 100 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LBL VORTAC VIA V507 SOUTHBOUND.

CHART NOTE: VDP NA WHEN USING LIBERAL ALTIMETER SETTING.

CITY AND STATE

HUGOTON, KS

ELEVATION: 3134 TDZE: 3132

AIRPORT NAME:

HUGOTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 20, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHQG
RUNWAY RW20
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W20A
REFERENCE PATH IDENTIFIER (APPROACH ID) 371004.9190N
LTP/FTP LATITUDE 1012202.5995W
LTP/FTP LONGITUDE +09278
LTP/FTP ELLIPSOIDAL HEIGHT 370843.8400N
FPAP LATITUDE 1012249.0800W
FPAP LONGITUDE 00045.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1224
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

DA099E58

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +09539
FPAP ORTHOMETRIC HEIGHT +09539

CITY AND STATE

HUGOTON, KS

ELEVATION: 3134 TDZE: 3132

AIRPORT NAME:

HUGOTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 20, ORIG

JUL - 5 2007

SUP:

AMDT:

NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC PACKET - 424-17[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHGGK3FR20	ALBL	010LBL	K3D	0V	IF				18000		A	JS
SUSAP	KHGGK3FR20	ALBL	020ZATUXK3	EA0E	A	020TF	32090188	+	05000			A	JS
SUSAP	KHGGK3FR20	ALBL	030WAGIXK3	EA0EE	010TF		28580050	+	05000			A	JS
SUSAP	KHGGK3FR20	AUPIRE	010UPIREK3	EA0E	IF					18000		A	JS
SUSAP	KHGGK3FR20	AUPIRE	020POYILK3	EA0E	A	020TF	09970093	+	05000			A	JS
SUSAP	KHGGK3FR20	AUPIRE	030WAGIXK3	EA0EE	010TF		10570050	+	05000			A	JS
SUSAP	KHGGK3FR20	AWAGIX	010WAGIXK3	EA0EE	CR	HF	19570050	+	05000	18000		A	JS
SUSAP	KHGGK3FR20	R	010WAGIXK3	EA0E	I	IF		+	05000	18000		A	JS
SUSAP	KHGGK3FR20	R	020YAPUSK3	EA0E	F	051TF	19570064	+	05000		RW20	K3PGA	JS
SUSAP	KHGGK3FR20	R	030RW20	K3PG0GY	M	031TF	19570056		03175	-300		A	JS
SUSAP	KHGGK3FR20	R	040OVAMEK4	EA0EYM	010DF			+	05000			A	JS
SUSAP	KHGGK3FR20	R	050OVAMEK4	EA0EE	HR020HM		01560050	+	05000			A	JS

[illegible]

CITY AND STATE
HUGOTON, KS

ELEVATION: 3134 TDZE: 3132
AIRPORT NAME:
HUGOTON MUNI

FACILITY IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 20, ORIG
JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

03130000045075

SUSAP	KHQGK3PR20	RW20	001	0000W20A0N3710049190W10122025995+092780300N3708438400W10122490800106751224000450F400500DA099E58
SUSAP	KHQGK3PR20	RW20	002	+09539+09539W20A 86603 000

SUSAP KHOGK3SRW20 K3PG 0 25180051 M

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LBL	LBL	010		IF		FB				
	LBL	ZATUX	020	IAF	TF		FB	2.0	320.9 (330T)	018.8	05000
	LBL	WAGIX	030		TF		FB	1.0	285.8 (295T)	005.0	05000
	UPIRE	UPIRE	010		IF		FB				
	UPIRE	POYIL	020	IAF	TF		FB	2.0	099.7 (109T)	009.3	05000
	UPIRE	WAGIX	030		TF		FB	1.0	105.7 (115T)	005.0	05000
	WAGIX	WAGIX	010		HF	R	FB		195.7 (205T)	005.0	05000
		WAGIX	010	FACF	IF		FB				05000
		YAPUS	020	FAF	TF		FB	0.5	195.7 (205T)	006.4	05000
		RW20	030	MAP	TF		FO	0.3	195.7 (205T)	005.6	03175

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OVAME	040		DF		FO	1.0			05000
	OVAME	050		HM	R	FO	2.0	015.6 (025T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBL	N370239.82	W1005816.31	N3702.664	W10058.272
	OVAME	N365824.60	W1012843.11	N3658.410	W10128.719
	POYIL	N372305.37	W1012127.94	N3723.090	W10121.466
	UPIRE	N372605.16	W1013232.37	N3726.086	W10132.540
	WAGIX	N372059.95	W1011545.99	N3720.999	W10115.767
	YAPUS	N371512.78	W1011905.84	N3715.213	W10119.097
	ZATUX	N371854.25	W1011004.35	N3718.904	W10110.073
	RW20	N371004.92	W1012202.60	N3710.082	W10122.043

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW20	03130	45

CITY AND STATE
HUGOTON, KS

ELEVATION: 3134 TDZE: 3132
 AIRPORT NAME:
 HUGOTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 20, ORIG

JUL - 5 2007

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
WEEDY	BEZVO (FB)	146.57 / 2.95	4500	LNAV: HUBJO	
NOISE	CIFTO (FB)	009.85 / 8.62	4500		
BEZVO (IAF)	EMLUW (FB)	168.83 / 5.00	4500	CLIMBING LEFT TURN TO 4500 DIRECT CIFTO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.	
CIFTO (IAF)	EMLUW (FB)	348.86 / 5.00	4500		
EMLUW (IF)	JUDLA (FB)	260.98 / 5.06	3600		
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-12				ADDITIONAL FLIGHT DATA: HOLD S, RT, 348.86 INBOUND. CHART FAS OBST: 1459 TREE 362207N/0840739W CHART 1719 TREE 362058N/0840542W. CHART 2319 TREE 362515N/0840424W. CHART VDP AT 0.79 MILES TO HUBJO. JUDLA TO RW23: 3.76/30. FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT EMLUW
3. FAC: 241.74 FAF: JUDLA DIST FAF TO MAP: 5.50 THLD: 5.98
4. MIN. ALT: EMLUW 4500, JUDLA 3600, JUVKO/2.40 NM TO HUBJO 2360
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 CLEAR
8. MSA FROM: HUBJO 5100

MAG VAR: 3W

EPOCH YEAR: 1990

TAKEOFF:		STANDARD	X	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
LNAV MDA	1720	1	540	1720	1	540		NA			NA				
CIRCLING	1800	1	620	1840	1	660		NA			NA				

NOTES:
 CHART NOTE: CIRCLING NA AT NIGHT.
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCGHEE-TYSON ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
 CHART NOTE: CIRCLING NA NW OF RWYS 5 AND 23.
 SEE 8260-10

CITY AND STATE JACKSBORO, TN	ELEVATION: 1180 TDZE: 1180 AIRPORT NAME: CAMPBELL COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 23, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VDP NA WHEN USING MCGHEE-TYSON ALTIMETER SETTING.**

CITY AND STATE

JACKSBORO, TN

ELEVATION: 1180 TDZE: 1180

AIRPORT NAME:

CAMPBELL COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 23, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KJAU	K7FP	23	ANOISE	010NOISEK7EA0E	IF				18000		G	S
SUSAP	KJAU	K7FP	23	ANOISE	020CIFTOK7EA0E	A 020TF	00990086	+ 04500				G	S
SUSAP	KJAU	K7FP	23	ANOISE	030EMLWK7EA0EE	010TF	34890050	+ 04500				G	S
SUSAP	KJAU	K7FP	23	AWEEDY	010WEEDYK7EA0E	IF				18000		G	S
SUSAP	KJAU	K7FP	23	AWEEDY	020BEZVOK7EA0E	A 020TF	14660030	+ 04500				G	S
SUSAP	KJAU	K7FP	23	AWEEDY	030EMLWK7EA0EE	010TF	16880050	+ 04500				G	S
SUSAP	KJAU	K7FP	23	P	010EMLWK7EA0E	I IF		+ 04500		18000		G	S
SUSAP	KJAU	K7FP	23	P	020JUDLAK7EA0E	F 051TF	26100051	+ 03600			HUBJO K7EAG	S	
SUSAP	KJAU	K7FP	23	P	021JUVKOK7EA0E	S 031TF	24170032	V 0236002365		-376		G	S
SUSAP	KJAU	K7FP	23	P	030HUBJOK7EA0EY	M 031TF	24170024	01406		-376		G	S
SUSAP	KJAU	K7FP	23	P	040	0 M 010CA	2417	+ 01580				G	S
SUSAP	KJAU	K7FP	23	P	050CIFTOK7EA0EY	L010DF		+ 04500				G	S
SUSAP	KJAU	K7FP	23	P	060CIFTOK7EA0EE	HR020HM	34890050	+ 04500				G	S

[illegible]

CITY AND STATE JACKSBORO, TN	ELEVATION: 1180 TDZE: 1180 AIRPORT NAME: CAMPBELL COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 23, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED: 

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33

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[illegible]

JACKSBORO, TN

ELEVATION: 1180 TDZE: 1180
AIRPORT NAME:
CAMPBELL COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 23, ORIG
JUL 5 2007

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NOISE	NOISE	010		IF		FB				
	NOISE	CIFTO	020	IAF	TF		FB	2.0	009.9 (007T)	008.6	04500
	NOISE	EMLUW	030		TF		FB	1.0	348.9 (346T)	005.0	04500
	WEEDY	WEEDY	010		IF		FB				
	WEEDY	BEZVO	020	IAF	TF		FB	2.0	146.6 (144T)	003.0	04500
	WEEDY	EMLUW	030		TF		FB	1.0	168.8 (166T)	005.0	04500
		EMLUW	010	FACF	IF		FB				04500
		JUDLA	020	FAF	TF		FB	0.5	261.0 (258T)	005.1	03600
		JUVKO	021	SDF	TF		FB	0.3	241.7 (239T)	003.2	02360
		HUBJO	030	MAP	TF		FO	0.3	241.7 (239T)	002.4	01406

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	241.7 (239T)		01580
	CIFTO	050		DF	L	FO	1.0			04500
	CIFTO	060		HM	R	FO	2.0	348.9 (346T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BEZVO	N362923.66	W0835837.11	N3629.394	W08358.619
	CIFTO	N361941.09	W0835535.28	N3619.685	W08355.588
	EMLUW	N362432.39	W0835706.10	N3624.540	W08357.102
	HUBJO	N362037.28	W0840902.93	N3620.621	W08409.049
	JUDLA	N362328.94	W0840313.72	N3623.482	W08403.229
	JUVKO	N362152.21	W0840630.62	N3621.870	W08406.510
	NOISE	N361107.13	W0835651.58	N3611.119	W08356.860
	WEEDY	N363146.22	W0840047.38	N3631.770	W08400.790
	RW23	N362016.55	W0840929.17	N3620.276	W08409.486

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	01180	30

CITY AND STATE
JACKSBORO, TN

ELEVATION: 1180 TDZE: 1180
AIRPORT NAME:
CAMPBELL COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 23, ORIG
JUL 5 2007

SUP:
AMDT: NONE
DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30551 Amdt. No. 3219]

Standard Instrument Approach Procedures, Weather Takeoff

Minimums; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and/or Weather Takeoff Minimums 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, addition of new obstacles, or changes in 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 and/or Weather Takeoff Minimums 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. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which the affected airport is located;
3. The National Flight Procedures Office, 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.

For Purchase- Individual SIAP and Weather Takeoff Minimums copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the affected airport is located.

By Subscription- Copies of all SIAPs and Weather Takeoff Minimums mailed once every 2 weeks, are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs 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 amendment to Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), establishes, amends, suspends, or revokes SIAPs and/or Weather Takeoff Minimums. The complete regulatory description of each SIAP and/or Weather Takeoff Minimums is contained in official 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 identified as FAA Forms 8260-3, 8260-4, 8260-5 and 8260-15A. Materials incorporated by reference are available for examination or purchase as stated above.

The large number of SIAPs and/or Weather Takeoff Minimums, 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 and/or Weather Takeoff Minimums but refer to their 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 and/or Weather Takeoff Minimums contained in FAA form documents is unnecessary. The provisions of this amendment state the affected CFR sections, with the types and effective dates of the SIAPs and/or Weather Takeoff Minimums. This amendment also identifies the airport, its location, the procedure identification and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and/or Weather Takeoff Minimums as contained in the transmittal. Some SIAP and/or Weather Takeoff Minimums amendments may have been previously issued 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 which created the need for some SIAP, and/or Weather Takeoff Minimums amendments may require making them effective in less than 30 days. For the remaining SIAPs and/or Weather Takeoff Minimums, an effective date at least 30 days after publication is provided.

Further, the SIAPs and/or Weather Takeoff Minimums 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/or Weather Takeoff Minimums, 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 and/or Weather Takeoff Minimums and safety in air commerce, I find that notice and public procedure before adopting these SIAPs and/or Weather Takeoff Minimums are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs and/or Weather Takeoff Minimums effective in less than 30 days.

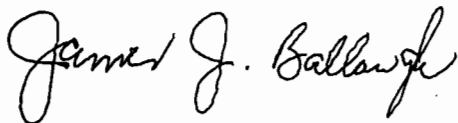
CONCLUSION

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, and Navigation (Air)..

Issued in Washington, DC on May 18, 2007

A handwritten signature in cursive script, reading "James J. Ballough".

James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, under Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and Weather Takeoff Minimums 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(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 05 July 2007

McGrath, AK, McGrath, RNAV (GPS) RWY 16, Orig
McGrath, AK, McGrath, LOC/DME RWY 16, Amdt 3
McGrath, AK, McGrath, VOR-A, Amdt 8
McGrath, AK, McGrath, VOR/DME-C, Amdt 1
McGrath, AK, McGrath, VOR/DME OR TACAN RWY 16, Amdt 1
McGrath, AK, McGrath, GPS RWY 16, Orig, CANCELLED
McGrath, AK, McGrath, Takeoff Minimums and Obstacle DP, Amdt 2
St. Michael, AK, St. Michael, RNAV (GPS) RWY 20, Amdt 1
Selawik, AK, Selawik, RNAV (GPS) RWY 4, Orig
Selawik, AK, Selawik, RNAV (GPS) RWY 27, Orig
Selawik, AK, Selawik, RNAV (GPS) Y RWY 22, Orig
Selawik, AK, Selawik, RNAV (GPS) Z RWY 22, Orig
Selawik, AK, Selawik, VOR RWY 4, Amdt 1
Selawik, AK, Selawik, VOR RWY 22, Amdt 1
Selawik, AK, Selawik, GPS RWY 27, Orig, CANCELLED
Selawik, AK, Selawik, Takeoff Minimums and Obstacle DP, Amdt 1
Auburn, AL, Auburn-Opelika Robert G Pitts, ILS OR LOC RWY 36, Orig
Auburn, AL, Auburn-Opelika Robert G Pitts, LOC RWY 36, Amdt 3, CANCELLED
Auburn, AL, Auburn-Opelika Robert G Pitts, Takeoff Minimums and Textual DP, Orig
Birmingham, AL, Birmingham Intl, ILS OR LOC/DME RWY 24, Amdt 1
Decatur, AL, Pryor Field Rgnl, RNAV (GPS) RWY 36, Amdt 1
Hartselle, AL, Rountree Field, RNAV (GPS) RWY 18, Orig
Hartselle, AL, Rountree Field, RNAV (GPS) RWY 36, Orig
Hartselle, AL, Rountree Field, GPS RWY 36, Orig, CANCELLED
Hartselle, AL, Rountree Field, NDB OR GPS-A, Amdt 2, CANCELLED
Hartselle, AL, Rountree Field, Takeoff Minimums and Obstacle DP, Amdt 2
Ozark, AR, Ozark-Franklin County, Takeoff Minimums and Obstacle DP, Amdt 1
Hayward, CA, Hayward Executive, RNAV (GPS) Y RWY 28L, Orig
Hayward, CA, Hayward Executive, RNAV (GPS) Z RWY 28L, Orig
Hayward, CA, Hayward Executive, GPS RWY 28L, Orig-A, CANCELLED
Long Beach, CA, Long Beach/Daugherty Field, Takeoff Minimums and Obstacle DP, Amdt 4
Colorado Springs, CO, City of Colorado Springs Muni, ILS OR LOC RWY 35R, Orig
Colorado Springs, CO, City of Colorado Springs Muni, RNAV (GPS) RWY 35R, Amdt 2
Pueblo, CO, Pueblo Memorial, RNAV (GPS) RWY 26R, Amdt 1A
Washington, DC, Washington Dulles Intl, ILS OR LOC/DME RWY 12, Amdt 8
Washington, DC, Washington Dulles Intl, ILS OR LOC RWY 19L, Amdt 13
Washington, DC, Washington Dulles Intl, CONVERGING ILS RWY 19L, Amdt 7
Washington, DC, Washington Dulles Intl, CONVERGING ILS RWY 19R, Amdt 7
Washington, DC, Washington Dulles Intl, ILS OR LOC/DME RWY 19R, ILS RWY 19R (CAT II), ILS RWY 19R, (CAT III), Amdt 24

Dover/Cheswold, DE, Delaware Airpark, Takeoff Minimums and Obstacle DP, Orig
Dover/Cheswold, DE, Delaware Airpark, RNAV (GPS) RWY 9, Orig
Dover/Cheswold, DE, Delaware Airpark, GPS RWY 9, Amdt 1, CANCELLED
Dover/Cheswold, DE, Delaware Airpark, RNAV (GPS) RWY 27, Orig
Dover/Cheswold, DE, Delaware Airpark, GPS RWY 27, Amdt 1, CANCELLED
Middletown, DE, Summit, RNAV (GPS) RWY 17, Amdt 1A
Daytona Beach, FL, Daytona Beach Intl, LOC BC RWY 25R, Amdt 16
Fort Myers, FL, Southwest Florida Intl, RNAV (GPS) RWY 6, Amdt 1B
Fort Myers, FL, Southwest Florida Intl, RNAV (GPS) RWY 24, Amdt 1B
Fort Myers, FL, Southwest Florida Intl, VOR/DME OR TACAN RWY 23, Orig,
CANCELLED
Fort Myers, FL, Southwest Florida Intl, NDB RWY 5, Orig, CANCELLED
Fort Myers, FL, Southwest Florida Intl, LOC RWY 5, Orig, CANCELLED
Melbourne, FL, Melbourne Intl, Takeoff Minimums and Obstacle DP, Amdt 1
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 6, Orig
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 18, Orig
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 36, Orig
St Petersburg, FL, Albert Whitted, VOR RWY 18, Amdt 7
Tampa, FL, Tampa Intl, Takeoff Minimums and Textual DP, Amdt 7
Albany, GA, Southwest Georgia Regional, NDB RWY 4, Amdt 12
Atlanta, GA, Cobb County-McCollum Field, RNAV (GPS) RWY 9, Amdt 2
Atlanta, GA, Cobb County-McCollum Field, RNAV (GPS) RWY 27, Amdt 2
Atlanta, GA, Fulton County Arpt-Brown Field, RNAV (GPS) RWY 26, Orig
Atlanta, GA, Fulton County Arpt-Brown Field, RNAV (GPS) Y RWY 8, Orig
Atlanta, GA, Fulton County Arpt-Brown Field, GPS RWY 26, Orig, CANCELLED
Honolulu, HI, Honolulu Intl, RNAV (RNP) Z RWY 4R, Orig
Honolulu, HI, Honolulu Intl, RNAV (GPS) Y RWY 4R, Amdt 1
Lihue, HI, Lihue, VOR-A, Amdt 4
Lihue, HI, Lihue, VOR/DME OR TACAN RWY 21, Amdt 4
Lihue, HI, Lihue, VOR OR TACAN RWY 35, Amdt 7
Lihue, HI, Lihue, RNAV (GPS) Y RWY 21, Orig-B
Lihue, HI, Lihue, RNAV (RNP) Z RWY 21, Orig
Lihue, HI, Lihue, RNAV (GPS) Y RWY 35, Orig-D
Lihue, HI, Lihue, RNAV (RNP) Z RWY 35, Orig
Chicago, IL, Chicago-O'Hare Intl, RNAV (GPS) RWY 32L, Amdt 2
Chicago, IL, Chicago-O'Hare Intl, RNAV (GPS) RWY 32R, Amdt 1
Chicago, IL, Chicago-O'Hare Intl, Takeoff Minimums and Obstacle DP, Amdt 14
Estherville, IA, Estherville Muni, RNAV (GPS) RWY 16, Amdt 1
Estherville, IA, Estherville Muni, RNAV (GPS) RWY 34, Amdt 1
Estherville, IA, Estherville Muni, Takeoff Minimums and Obstacle DP, Orig
Garden City, KS, Garden City Regional, RNAV (GPS) RWY 12, Orig
Garden City, KS, Garden City Regional, RNAV (GPS) RWY 17, Orig

Garden City, KS, Garden City Regional, RNAV (GPS) RWY 30, Orig
Garden City, KS, Garden City Regional, RNAV (GPS) RWY 35, Orig
Garden City, KS, Garden City Regional, VOR RWY 17, Amdt 11
Garden City, KS, Garden City Regional, VOR/DME RWY 30, Amdt 1
Garden City, KS, Garden City Regional, VOR/DME RWY 35, Amdt 2
Garden City, KS, Garden City Regional, Takeoff Minimums and Textual DP, Orig
Elizabethtown, KY, Addington Field, LOC RWY 5, Orig
Middlesboro, KY, Middlesboro-Bell County, Takeoff Minimums and Obstacle DP, Orig
Vineyard Haven, MA, Marthas Vineyard, ILS OR LOC RWY 24, Amdt 2
Vineyard Haven, MA, Marthas Vineyard, RNAV (GPS) RWY 6, Orig
Vineyard Haven, MA, Marthas Vineyard, RNAV (GPS) RWY 24, Amdt 1
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 22L, Amdt 28
Bolivar, MO, Bolivar Municipal, RNAV (GPS) RWY 18, Orig
Bolivar, MO, Bolivar Municipal, RNAV (GPS) RWY 36, Orig
Bolivar, MO, Bolivar Municipal, GPS RWY 18, Orig, CANCELLED
Bolivar, MO, Bolivar Municipal, GPS RWY 36, Orig, CANCELLED
Bolivar, MO, Bolivar Municipal, Takeoff Minimums and Obstacle DP, Orig
Columbus/W Point/Starkville, MS, Golden Triangle Regional, GPS RWY 18, Orig-A,
CANCELLED
Columbus/W Point/Starkville, MS, Golden Triangle Regional, RNAV (GPS) RWY 18,
Orig
Laurel, MS, Hesler-Noble Field, RNAV (GPS) RWY 13, Orig
Laurel, MS, Hesler-Noble Field, RNAV (GPS) RWY 31, Orig
Laurel, MS, Hesler-Noble Field, GPS RWY 13, Orig, CANCELLED
Laurel, MS, Hesler-Noble Field, GPS RWY 31, Orig, CANCELLED
Starkville, MS, George M Bryan, LOC/DME RWY 36, Orig
Anaconda, MT, Bowman Field, Takeoff Minimums and Obstacle DP, Amdt 1
Imperial, NE, Imperial Muni, RNAV (GPS) RWY 13, Orig
Imperial, NE, Imperial Muni, RNAV (GPS) RWY 31, Amdt 1
Newark, NJ, Newark Liberty Intl, RNAV (GPS) Z RWY 22L, Amdt 1B
Akron, OH, Akron-Canton Rgnl, Radar 1, Amdt 23
Salem, OR, McNary Fld, ILS OR LOC RWY 31, Amdt 28
Latrobe, PA, Arnold Palmer Regional, ILS OR LOC RWY 23, Amdt 16
Latrobe, PA, Arnold Palmer Regional, RNAV (GPS) RWY 5, Orig
Latrobe, PA, Arnold Palmer Regional, RNAV (GPS) RWY 23, Orig
Latrobe, PA, Arnold Palmer Regional, GPS RWY 05, Orig, CANCELLED
Pottstown, PA, Pottstown Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Darlington, SC, Darlington County Jetport, RNAV (GPS) RWY 23, Orig
Darlington, SC, Darlington County Jetport, NDB RWY 23, Amdt 1
Darlington, SC, Darlington County Jetport, Takeoff Minimums and Obstacle DP, Orig
Darlington, SC, Darlington County Jetport, VOR/DME-A, Amdt 7
Elizabethton, TN, Elizabethton Muni, Takeoff Minimums and Textual DP, Orig
Nashville, TN, Nashville Intl, ILS OR LOC RWY 2R, Amdt 6, ILS RWY 2R (CAT II),
ILS RWY 2R (CAT III)

Nashville, TN, Nashville Intl, ILS OR LOC RWY 31, Amdt 8
Dallas, TX, Dallas Love Field, ILS OR LOC RWY 31L, Amdt 20
Dallas, TX, Dallas Love Field, ILS OR LOC RWY 31R, Amdt 4
Dallas, TX, Dallas Love Field, RNAV (GPS) Y RWY 13L, Orig
Dallas, TX, Dallas Love Field, RNAV (GPS) Y RWY 13R, Orig
Dallas, TX, Dallas Love Field, RNAV (GPS) Z RWY 13L, Orig-A
Dallas, TX, Dallas Love Field, RNAV (GPS) Z RWY 13R, Orig-A
Front Royal, VA, Front Royal-Warren County, RNAV (GPS)-A, Orig
Lynchburg, VA, Falwell, Takeoff Minimums and Obstacle DP, Amdt 1
Newport News, VA, Williamsburg Intl, Takeoff Minimums and Obstacle DP, Orig
Wise, VA, Lonesome Pine, RNAV (GPS) RWY 6, Orig
Pasco, WA, Tri-Cities, ILS OR LOC RWY 21R, Amdt 11
Pasco, WA, Tri-Cities, RNAV (GPS) RWY 21R, Orig
Seattle, WA, Seattle-Tacoma Intl, ILS OR LOC/DME RWY 34C, Amdt 1, ILS RWY
34C (CAT II)
Eagle River, WI, Eagle River Union, RNAV (GPS) RWY 22, Orig
Eagle River, WI, Eagle River Union, NDB RWY 22, Amdt 6

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: BEOOH CLIMBING RIGHT TURN TO 4900 DIRECT TIGUE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 579 TREES 630138N/1553731W CHART VDP AT 0.66 MILES TO BEOOH. WARSH TO RW16: 3.04/32. CHART: AIRPORT ELEV: 343, TDZE: 343
WELDN (IAF)	TIGUE (NOPT) (FB)	250.11 / 6.43	4900	
DOLLS (IAF)	TIGUE (NOPT) (FB)	045.73 / 9.00	4900	
TIGUE (IF/IAF)	CADOK (FB)	159.90 / 5.00	3400	
CADOK	WARSH (FB)	159.90 / 4.94	2000	

- PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- HOLD N TIGUE, LT, 159.90 INBOUND, 4900 FT. IN LIEU OF PT (IAF)
- FAC: 159.91 FAF: WARSH DIST FAF TO MAP: 4.23 THLD: 5.03
- MIN. ALT: TIGUE 4900, CADOK 3400, WARSH 2000
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: _____ TCH: 34:1 IS CLEAR
- MSA FROM: _____

MAG VAR: 19E

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF:		STANDARD	X	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	840	1	497	840	1	497	840	1 1/4	497	840	1 1/2	497				
CIRCLING	840	1	497	840	1	497	840	1 1/2	497	1180	2 3/4	837				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.

@ CAT D 900-2 3/4

CITY AND STATE MCGRATH, AK	ELEVATION: 343 TDZE: 343 AIRPORT NAME: MCGRATH	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 16, ORIG 07/05/2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

TAA

	FROM	TO	ALT
1.	046/30 CW 100/30 (NOPT)	046/6 CW 100/6	6200
2.	100/30 CW 217/30 (NOPT)	100/6 CW 217/6	6000
3.	046/6 CW 217/6	TIGUE (IF/IAF) (FB)	4900
	217/30 CW 250/30 (NOPT)	TIGUE (IF/IAF) (FB)	4900
4.	250/30 CW 340/30	WELDN (IAF) (FB)	4900
5.	340/30 CW 046/30	340/10 CW 046/10	6100
6.	340/10 CW 046/10	DOLLS (IAF) (FB)	4900

CITY AND STATE

MCGRATH, AK

ELEVATION: 343 TDZE: 343

AIRPORT NAME:

MCGRATH

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 16, ORIG

07/05/2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE MCGRATH, AK	ELEVATION: 343 TDZE: 343 AIRPORT NAME: MCGRATH	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 16, ORIG 07/05/2007	SUP:
				AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DOLLS	DOLLS	010	IAF	IF		FB				
	DOLLS	TIGUE	020		TF		FB	1.0	045.7 (065T)	009.0	04900
	TIGUE	TIGUE	010		HF	L	FB		159.9 (179T)	005.0	04900
	WELDN	WELDN	010	IAF	IF		FB				
	WELDN	TIGUE	020		TF		FB	1.0	250.1 (269T)	006.4	04900
		TIGUE	010	FACF	IF		FB				04900
		CADOK	011	SDF	TF		FB	0.5	159.9 (179T)	005.0	03400
		WARSH	020	FAF	TF		FB	0.5	159.9 (179T)	004.9	02000
		BEOOH	030	MAP	TF		FO	0.3	159.9 (179T)	004.2	00375

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	159.9 (179T)		00743
	TIGUE	050		DF	R	FO	1.0			04900
	TIGUE	060		HM	L	FO	2.0	159.9 (179T)	005.0	04900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BEOOH	N625815.59	W1553620.80	N6258.260	W15536.347
	CADOK	N630724.00	W1553643.86	N6307.400	W15536.731
	DOLLS	N630834.45	W1555454.60	N6308.574	W15554.910
	TIGUE	N631223.02	W1553656.54	N6312.384	W15536.942
	WARSH	N630228.68	W1553631.41	N6302.478	W15536.524
	WELDN	N631229.69	W1552244.60	N6312.495	W15522.743
	RW16	N625727.75	W1553618.80	N6257.463	W15536.313

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00343	32

CITY AND STATE
MCGRATH, AK

ELEVATION: 343 TDZE: 343
 AIRPORT NAME:
MCGRATH

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 16, ORIG
07/05/2007

SUP:
 AMDT: **NONE**
 DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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										MISSED APPROACH											
FROM		TO			COURSE AND DISTANCE				ALTITUDE		MAP: JOROG/I-MCG 1.50 DME										
VTR NDB		NUKRE/I-MCG 5.90 DME			329.41 / 5.99				4000		CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 4000 VIA MCG VORTAC R-104 TO IRUCU/MCG 5.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.95 INBOUND. CHART FAS OBST: 429 TREES 625807N/1553621W CHART 579 TREES 630142N/1553718W. CHART: LOC/AZIMUTH OFFSET 2.51 DEGREES. CHART MCG R-039 AT KICEB. CHART MCG R-325 AT POCYI. CHART MCG R-276 AT KECTE. NUKRE TO RW16: 2.93/32. CHART PLANVIEW NOTE: MAXIMUM HOLDING AIRSPEED 230 KIAS CHART: AIRPORT ELEV: 343, TDZE: 343 FAC CROSSES RWY C/L EXTENDED 3148 FROM THLD.										
MCG VORTAC		NUKRE/I-MCG 5.90 DME			343.80 / 5.62				4000												
KICEB/MCG 14.00 DME CCW (IAF)		NICIB/I-MCG 14.28 DME (NOPT)			14.00 DME ARC (MCG LR-352)				3800												
KECTE/MCG 14.00 DME CW (IAF)		POCYI/MCG 14.00 DME			14.00 DME ARC				5100												
POCYI/MCG 14.00 DME CW (IAF)		NICIB/I-MCG 14.28 DME (NOPT)			14.00 DME ARC (MCG LR-334)				3800												
NICIB/I-MCG 14.28 DME (IF)		OTECO/I-MCG 8.00 DME			162.42 / 6.28 (I-MCG)				2600												
OTECO/I-MCG 8.00 DME		NUKRE/I-MCG 5.90 DME			162.42 / 2.10 (I-MCG)				2000												
1. PT <u>R</u> SIDE OF COURSE <u>342.42</u> OUTBOUND <u>3800</u> FT WITHIN <u>10</u> MILES OF <u>NUKRE/I-MCG 5.90 DME</u> (IAF) 2. _____ 3. FAC <u>162.42</u> FAF <u>NUKRE/I-MCG 5.90 DME</u> DIST FAF TO MAP <u>—</u> THLD <u>5.22</u> 4. MIN. ALT <u>OTECO 2600, NUKRE 2000, YEDUP/I-MCG 3.78 DME 1340</u> 8. MSA FROM: <u>MCG VORTAC 180-270 4500, 270-360 5500, 360-180 3300</u>										MAG VAR: 19E EPOCH YEAR: 2005											
MINIMUMS																					
TAKEOFF:		STANDARD		X		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-16		760	1	417	760	1	417	760	1 1/4	417	760	1 1/4	417								
CIRCLING		820	1	477	820	1	477	820	1 1/2	477	1180	2 3/4	837								
NOTES:																					
CHART PROFILE NOTE: USE I-MCG DME WHEN ON THE LOCALIZER COURSE. @ CAT D 900-2 3/4																					
CITY AND STATE				ELEVATION: 343 TDZE: 343				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO.:				SUP					
MCGRATH, AK				AIRPORT NAME:				I-MCG				LOC/DME RWY 16, AMDT 3				AMDT 2					
				MCGRATH								07/05/2007				DATE 03/05/1992					



LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR 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.

CITY AND STATE

MCGRATH, AK

ELEVATION: 343 TDZE: 343

AIRPORT NAME:

MCGRATH

FACILITY
IDENTIFIER:

I-MCG

PROCEDURE NO./AMDT NO.:

LOC/DME RWY 16, AMDT 3

07/05/2007

SUP:

AMDT: 2

DATED: 03/05/1992



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				MAP: MCG VORTAC CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 4000 DIRECT TO MCG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.95 INBOUND. CHART FAS OBST: 979 TREE 625528N/1551509W FAC CROSSES MID POINT OF RWY 16-34. CHART: AIRPORT ELEV: 343, TDZE: 343

1. PT R SIDE OF COURSE 103.95 OUTBOUND 2900 FT WITHIN 10 MILES OF MCG VORTAC (IAF)
 2. _____
 3. FAC 283.95 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: MCG VORTAC 180-270 4500, 270-360 5500, 360-180 3300

MAG VAR: 19E EPOCH YEAR: 2005

MINIMUMS																
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		⑥				
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		1400	1 1/4	1057	1400	1 1/2	1057	1400	3	1057	1400	3	1057			

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MCG VORTAC VIA V510 NORTHEAST BOUND.

@ CAT A, B 1100-2, CAT C, D 1100-3

CITY AND STATE MCGRATH, AK	ELEVATION: 343 TDZE: AIRPORT NAME: MCGRATH	FACILITY IDENTIFIER: MCG	PROCEDURE NO./AMDT NO.: VOR-A, AMDT 8 07/05/2007	SUP AMDT 7 DATE 03/05/1992



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.

1. PT	<u>NA</u>	SIDE OF COURSE	<u>OUTBOUND</u>	FT WITHIN	<u> </u>	MILES OF	<u> </u>	(IAF)
2.	<u>PROFILE STARTS AT JOPRI/14.00 DME</u>							
3.	FAC	<u>283.95</u>	FAF	<u>IRUCU/5.00 DME</u>	DIST FAF TO MAP	<u> </u>	THLD	<u> </u>
4.	MIN. ALT	<u>JOPRI 3000, IRUCU 2500</u>						
8.	MSA FROM: MCG VORTAC 180-270 4500, 270-360 5500, 360-180 3300							

MAG VAR: 19E
EPOCH YEAR: 2005

NOTES:

@ CAT D 900-2 3/4

FAA FORM 8260-5 / December 2002 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: JUBEK/1.50 DME				
MCG VORTAC	OCIBU/4.00 DME	349.00 / 4.00	4000	CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 VIA MCG VORTAC R-104 TO IRUCU/5.00 DME AND HOLD, CONTINUE CLIMB -IN-HOLD TO 4000. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.95 INBOUND. CHART FAS OBST: 579 TREES 630003N/1553318W CHART 799 AAO 630051N/1553254W. CHART VDP AT 2.07 DME; DISTANCE VDP TO THLD 1.65 MILES. CHART MCG R-325 AT POCYL. CHART MCG R-039 AT KICEB. OCIBU TO RW16: 3.22/32. CHART: AIRPORT ELEV: 343, TDZE: 343 CHART PLANVIEW NOTE: MAXIMUM HOLDING AIRSPEED 230 KIAS FAC CROSSES RWY C/L EXTENDED 3724 FROM THLD.				
POCYU/14.00 DME CW (IAF)	JODLU/14.00 DME (NOPT)	14.00 DME ARC (MCG LR-340)	3600					
KICEB/14.00 DME CCW (IAF)	JODLU/14.00 DME (NOPT)	14.00 DME ARC (MCG LR-358)	3600					
JODLU/14.00 DME (IF)	ITEYU/7.00 DME	169.00 / 7.00 (MCG R-349)	2200					
ITEYU/7.00 DME	OCIBU/4.00 DME	169.00 / 3.00 (MCG R-349)	1600					
1. PT <u>R</u> SIDE OF COURSE <u>349.00</u> OUTBOUND <u>3600</u> FT WITHIN <u>10</u> MILES OF <u>OCIBU/4.00 DME</u> (IAF) 2. _____ 3. FAC <u>169.00</u> FAF <u>OCIBU/4.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u>3.58</u> 4. MIN. ALT <u>ITEYU 2200, OCIBU 1600</u> 8. MSA FROM: <u>MCG VORTAC 180-270 4500, 270-360 5500, 360-180 3300</u>				MAG VAR: 19E EPOCH YEAR: 2005				
MINIMUMS								
TAKEOFF: ☐	STANDARD ☒	X	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
S-16	900	1 1/4	557	900	1 1/4	557	900	1 3/4
CIRCLING	900	1 1/4	557	900	1 1/4	557	1180	2 3/4
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.								
@ CAT D 900-2 3/4								
CITY AND STATE MCGRATH, AK		ELEVATION: 343 TDZE: 343 AIRPORT NAME: MCGRATH		FACILITY IDENTIFIER: MCG		PROCEDURE NO./AMDT NO.: VOR/DME OR TACAN RWY 16, AMDT 1 07/05/2007		SUP AMDT ORIG DATE 03/05/1992



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH																																																																																																																																													
FROM	TO	COURSE AND DISTANCE	ALTITUDE																																																																																																																																														
				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: _____																																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <tr> <td style="width: 10%;">TAKEOFF:</td> <td style="width: 10%;">STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="4">ALTERNATE: N A</td> <td colspan="6"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																TAKEOFF:	STANDARD	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																																																																																
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NOTES: PROCEDURE CANCELED EFFECTIVE <u>JUL - 5 2007</u>																																																																																																																																																	
CITY AND STATE MC GRATH, AK				ELEVATION: 338 TDZE: 338 AIRPORT NAME: MC GRATH				FACILITY IDENTIFIER: GPS				PROCEDURE NO./ AMDT NO.: GPS RWY 16, ORIG 18 JUN 98				SUP AMDT NONE DATE																																																																																																																																	

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 16, STANDARD WITH MINIMUM CLIMB OF 470 FEET PER NM TO 1700, OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 34, STANDARD WITH MINIMUM CLIMB OF 420 FEET PER NM TO 2200, OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 08, STANDARD WITH MINIMUM CLIMB OF 425 FEET PER NM TO 2200, OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 26, STANDARD WITH MINIMUM CLIMB OF 435 FEET PER NM TO 2200, OR 2300-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 16, CLIMB VIA HEADING 160 TO 1700 THEN CLIMBING LEFT TURN VIA HEADING 014 THENCE... OR FOR CLIMB IN VISUAL CONDITIONS; CROSS MCGRATH AIRPORT AT OR ABOVE 2200, THENCE...
RWY 34, CLIMB VIA HEADING 340 TO 2200 THEN CLIMBING RIGHT TURN HEADING 166 TO MCG R-104 OR DIRECT VTR NDB THEN... OR FOR CLIMB IN VISUAL CONDITIONS; CROSS MCGRATH AIRPORT AT OR ABOVE 2200, THENCE...
RWY 26, CLIMB VIA HEADING 255 TO 2200 THEN CLIMBING RIGHT TURN DIRECT MCG VORTAC OR VTR NDB, THENCE... OR FOR CLIMB IN VISUAL CONDITIONS; CROSS MCGRATH AIRPORT AT OR ABOVE 2200, THENCE...
RWY 08, CLIMB VIA HEADING 075 TO 2200 THEN CLIMBING RIGHT TURN THENCE... OR FOR CLIMB IN VISUAL CONDITIONS; CROSS MCGRATH AIRPORT AT OR ABOVE 2200, THENCE...

...CLIMB TO 4000 VIA MCG R-104, 097 BEARING FROM VTR NDB SOUTHEAST BOUND (079 CW 119), BEFORE PROCEEDING ON COURSE. ALL OTHERS REVERSE COURSE VIA MCG R-104 TO MCG VORTAC, OR VIA 277 BEARING TO VTR NDB, BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, TREES BEGINNING 2.2 NM FROM DER, 2392' LEFT OF CENTERLINE, UP TO 80' AGL/1346' MSL.
NOTE: RWY 08, TOWER 532' FROM DER, 368' RIGHT OF CENTERLINE, UP TO 60' AGL/400' MSL.

(4) CONTROLLING OBSTACLES:

RWY 16: 1,877' MSL SPOT ELEVATION 625340.80N/1554005.60W.
RWY 34: 1,877' MSL SPOT ELEVATION 625340.80N/1554005.60W.
RWY 08: 1,877' MSL SPOT ELEVATION 625340.80N/1554005.60W.
RWY 26: 1,877' MSL SPOT ELEVATION 625340.80N/1554005.60W.

(5) City, State MCGRATH, AK	(6) Airport MCGRATH	(7) Effective Date 07/05/2007	(8) Amdt. No. 2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ORDAE (IAF)	HUDNO (NOPT) (FB)	105.97 / 5.01	1900	LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 1900 DIRECT JOXIX AND RIGHT TURN VIA 314.90 TRACK TO POYIT AND RIGHT TURN VIA 054.29 TRACK TO HUDNO AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 119 TREE 633027N/1620627W CHART VDP AT 1.30 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 93602 REFERENCE PATH ID: W20A CHART WAAS SYMBOL DISTANCE TO THLD FROM 250 HAT: 0.71 NM
CEVMU (IAF)	HUDNO (NOPT) (FB)	286.25 / 5.01	1900	
HUDNO (IF/IAF)	VUYUV (FB)	196.11 / 6.05	1900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N HUDNO, RT, 196.11 INBOUND, 1900 FT. IN LIEU OF PT (IF/IAF)
- FAC: 196.00 FAF: VUYUV DIST FAF TO MAP: 5.55 THLD: 5.55
- MIN. ALT: HUDNO 1900, VUYUV 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 17E

EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	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	333	1	250	333	1	250	333	1	250	333	1	250			
LNAV/VNAV DA	452	1 1/2	369	452	1 1/2	369	452	1 1/2	369	452	1 1/2	369			
LNAV MDA	520	1	437	520	1	437	520	1 1/4	437	520	1 1/2	437			
CIRCLING	520	1 1/2	427	560	1 1/2	467	560	1 1/2	467	660	2	567			

NOTES:
 CHART NOTE: CIRCLING NA W OF RWY 2-20.
 CHART NOTE: BARO-VNAV NA WHEN USING UNALAKLEET ALTIMETER SETTING.
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE UNALAKLEET ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 120 FEET.
 CONTINUED ON PAGE 2

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ST MICHAEL, AK	ELEVATION: 93 TDZE: 83 AIRPORT NAME: ST MICHAEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 JUL - 5 2007	SUP: AMDT: ORIG DATED 07/07/2005

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (120F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WITH UNALAKLEET ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	106/30 CW 196/30 (NOPT)	106/13 CW 196/13	3200
	196/30 CW 286/30 (NOPT)	196/13 CW 286/13	4300
	106/13 CW 286/13	HUDNO (IF/IAF) (FB)	1900
2.	286/30 CW 016/30	286/6 CW 016/6	4600
	286/6 CW 016/6	CEVMU (IAF) (FB)	1900
3.	016/30 CW 106/30	016/8 CW 106/8	2500
	016/8 CW 106/8	ORDAE (IAF) (FB)	1900

CITY AND STATE

ST MICHAEL, AK

ELEVATION: 93 TDZE: 83

AIRPORT NAME:

ST MICHAEL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 07/07/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
PAMK
RW20
0
0
W20A
632940.7080N
1620613.4275W
+00276
632826.1200N
1620801.3100W
00045.0
F
03.00
106.75
1528
40.0
50.0

CRC REMAINDER

96E3C5D8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

PA
+00184
+00184

CITY AND STATE ST MICHAEL, AK	ELEVATION: 93 TDZE: 83 AIRPORT NAME: ST MICHAEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO / AMDT NO / EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 JUL - 5 2007	SUP:
				AMDT: ORIG
				DATED: 07-07-2005

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[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE ST MICHAEL, AK	ELEVATION: 93 TDZE: 83 AIRPORT NAME: ST MICHAEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 JUL -5 2007	SUP:	
				AMDT:	ORIG
				DATED:	07-07-2005

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SCANP SMK PPR20 RW20 001 0000W20A0N6329407080W16206134275+002760300N6328261200W16208013100106751528000450F40050096E3C5D8
SCANP SMK PPR20 RW20 002 +00184+00184W20A 93602 000

CITY AND STATE ST MICHAEL, AK	ELEVATION: 93 TDZE: 83 AIRPORT NAME: ST MICHAEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 JUL - 5 2007	SUP:
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CEVMU	CEVMU	010	IAF	IF	L	FB				
	CEVMU	HUDNO	020		TF	L	FB	1.0	286.3 (303T)	005.0	01900
	ORDAE	ORDAE	010	IAF	IF	R	FB				
	ORDAE	HUDNO	020		TF	R	FB	1.0	106.0 (123T)	005.0	01900
	HUDNO	HUDNO	010		HF	R	FB		196.1 (213T)	004.0	01900
		HUDNO	010	FACF	IF		FB				01900
		VUYUV	020	FAF	TF		FB	1.0	196.1 (213T)	006.1	01900
		RW20	030	MAP	TF		FO	0.3	196.0 (213T)	005.5	00106

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JOXIX	040		DF		FB	0.5			01900
	POYIT	050		TF	R	FB	0.5	314.9 (332T)		
	HUDNO	060		TF	R	FO	0.5	054.3 (071T)		
	HUDNO	070		HM	R	FO	2.0	196.1 (213T)	004.0	01900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEVMU	N633638.56	W1614241.35	N6336.643	W16142.689
	HUDNO	N633922.55	W1615205.31	N6339.376	W16152.089
	JOXIX	N632317.24	W1621526.08	N6323.287	W16215.435
	ORDAE	N634205.92	W1620131.08	N6342.099	W16201.518
	POYIT	N633400.36	W1622817.13	N6334.006	W16228.286
	VUYUV	N633419.02	W1615929.21	N6334.317	W16159.487

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00061	45

CITY AND STATE ST MICHAEL, AK	ELEVATION: 93 TDZE: 83 AIRPORT NAME: ST MICHAEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 1 JUL - 5 2007	SUP:
				AMDT: ORIG
				DATED: 07-07-2005



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: DEKYA CLIMBING RIGHT TURN TO 3400 DIRECT PIYIL AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 100 BEACON TWR 663607N/1600009W CHART VDP AT 0.69 MILES TO DEKYA. BOPPA TO RW04: 3.05/45
CIRCA (IAF)	PIYIL (NOPT) (FB)	306.93 / 5.00	3400	
GOMRE (IAF)	PIYIL (NOPT) (FB)	126.71 / 5.00	3400	
PIYIL (IF/IAF)	BOPPA (FB)	036.82 / 10.00	1900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW PIYIL, RT, 036.82 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
- FAC: 037.13 FAF: BOPPA DIST FAF TO MAP: 5.18 THLD: 5.68
- MIN. ALT: PIYIL 3400, BOPPA 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 16E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:	STANDARD	X	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	420	1	403	420	1	403	420	1 1/4	403	420	1 1/4	403			
CIRCLING	440	1	423	480	1	463	480	1 1/2	463	580	2	563			

NOTES:

CHART NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 17 TDZE: 17	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
SELAWIK, AK	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 4, ORIG 07/05/2007	AMDT: NONE
	SELAWIK			DATED



RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE KOTZEBUE ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET.

CHART NOTE: VDP NA WHEN USING KOTZEBUE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	307/30 CW 023/30 (NOPT)	307/12 CW 023/12	5300
2.	307/12 CW 023/12	PIYIL (IF/IAF) (FB)	3400
	023/30 CW 127/30 (NOPT)	PIYIL (IF/IAF) (FB)	3400
3.	127/30 CW 217/30	GOMRE (IAF) (FB)	4300
4.	217/30 CW 307/30	CIRCA (IAF) (FB)	5000

CITY AND STATE

SELAWIK, AK

ELEVATION: 17 TDZE: 17

AIRPORT NAME:

SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 4, ORIG

7/5/07

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 4, ORIG 07/05/2007	SUP:
				AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIRCA	CIRCA	010	IAF	IF		FB				
	CIRCA	PIYIL	020		TF		FB	1.0	306.9 (323T)	005.0	03400
	GOMRE	GOMRE	010	IAF	IF		FB				
	GOMRE	PIYIL	020		TF		FB	1.0	126.7 (143T)	005.0	03400
	PIYIL	PIYIL	010		HF	R	FB		036.8 (053T)	005.0	03400
		PIYIL	010	FACF	IF		FB				03400
		BOPPA	020	FAF	TF		FB	0.5	036.8 (053T)	010.0	01900
		DEKYA	030	MAP	TF		FO	0.3	037.1 (053T)	005.2	00201

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	037.1 (053T)		00417
	PIYIL	050		DF	R	FO	1.0			03400
	PIYIL	060		HM	R	FO	2.0	036.8 (053T)	005.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOPPA	N663226.85	W1601055.41	N6632.448	W16010.924
	CIRCA	N662228.53	W1602320.20	N6622.476	W16023.337
	DEKYA	N663532.41	W1600032.24	N6635.540	W16000.537
	GOMRE	N663024.89	W1603823.20	N6630.415	W16038.387
	PIYIL	N662626.89	W1603050.51	N6626.448	W16030.842
	RW04	N663550.28	W1595931.97	N6635.838	W15959.533

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00017	45

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 4, ORIG 07/05/2007	SUP:
	AIRPORT NAME: SELAWIK			AMDT: NONE
				DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
EVALE (IAF)	URAKY (NOPT) (FB)	180.77 / 5.00	2500	LNAV: NINIV CLIMBING LEFT TURN TO 2500 DIRECT URAKY AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 94 BUSH 663407N/1594703W CHART VDP AT 0.71 MILES TO NINIV. LARCE TO RW27 : 3.04/45
CATNO (IAF)	URAKY (NOPT) (FB)	000.66 / 5.00	2500	
URAKY (IF/IAF)	LARCE (FB)	270.71 / 6.01	1700	

- PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- HOLD E URAKY, RT, 270.71 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 270.49 FAF: LARCE DIST FAF TO MAP: 4.60 THLD: 5.10
- MIN. ALT: URAKY 2500, LARCE 1700
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: _____ TCH: 34:1 IS CLEAR
- MSA FROM: _____

MAG VAR: 16E

EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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	420	1	405	420	1	405	420	1 1/4	405	420	1 1/4	405			
CIRCLING	440	1	423	480	1	463	480	1 1/2	463	580	2	563			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE KOTZEBUE ALTIMETER SETTING AND INCREASE

ALL MDAS 160 FEET

CHART NOTE: VDP NA WHEN USING KOTZEBUE ALTIMETER SETTING

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 17 TDZE: 15	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 27, ORIG 07/05/2007	SUP:
SELAWIK, AK	AIRPORT NAME: SELAWIK			AMDT: NONE
				DATED



RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TAA

	FROM	TO	ALT
1.	181/30 CW 290/30 (NOPT)	181/12 CW 290/12	3300
2.	290/30 CW 001/30 (NOPT)	290/12 CW 001/12	5000
3.	181/12 CW 001/12	URAKY (IF/IAF) (FB)	2500
4.	001/30 CW 091/30	001/18 CW 091/18	5300
5.	001/18 CW 091/18	CATNO (IAF) (FB)	3400
6.	091/30 CW 181/30	EVALE (IAF) (FB)	4300

CITY AND STATE

SELAWIK, AK

ELEVATION: 17 TDZE: 15

AIRPORT NAME:

SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 27, ORIG
07/05/2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

	1	2	3	4	5	6	7	8	9	0	1	2	3	
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
	SCANEAE	NRT	CATNO	PA0	W	L	N66280331W159353940	E0175	NAW	CATNO				
	SCANEAE	NRT	EVALE	PA0	W	L	N66373594W159282792	E0176	NAW	EVALE				
	SCANEAE	NRT	LARCE	PA0	W	L	N66343239W159462981	E0174	NAW	LARCE				
	SCANEAE	NRT	NINIY	PA0	W	L	N66354998W159573237	E0173	NAW	NINIY				
	SCANEAE	NRT	URAKY	PA0	W	L	N66324967W159320435	E0175	NAW	URAKY				
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
	SCANP	WLK	PA	AWLK	0	030YSN66360050W159590870E016000017	1800018000C	MNAW	SELAWIK					
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
	SCANP	WLK	PA	FP27	ACATNO	010CATNOPAEAOE	A	IF		18000		G	S	
	SCANP	WLK	PA	FP27	ACATNO	020URAKYPAEAOEE	010TF		00070050	+ 02500		G	S	
	SCANP	WLK	PA	FP27	AEVALE	010EVALEPAEAOE	A	IF		18000		G	S	
	SCANP	WLK	PA	FP27	AEVALE	020URAKYPAEAOEE	010TF		18080050	+ 02500		G	S	
	SCANP	WLK	PA	FP27	AURAKY	010URAKYPAEAOEE	CR	HF		27070050	+ 02500	18000	G	S
	SCANP	WLK	PA	FP27	P	010URAKYPAEAOE	I	IF			+ 02500	18000	G	S
	SCANP	WLK	PA	FP27	P	020LARCEPAEAOE	F	051TF		27070060	+ 01700		G	S
	SCANP	WLK	PA	FP27	P	030NINIYPAEAOEY	M	031TF		27050046	00194	-304	G	S
	SCANP	WLK	PA	FP27	P	040	0	M	010CA		2705	+ 00417	G	S
	SCANP	WLK	PA	FP27	P	050URAKYPAEAOEY	L	010DF			+ 02500		G	S
	SCANP	WLK	PA	FP27	P	060URAKYPAEAOEE	HR	020HM		27050050	+ 02500		G	S
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
	SCANP	WLK	PA	GRW27	0026592703	N66355837W159584453+0000	00009000045060							

PAGE 3 OF 4 PAGES



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CATNO	CATNO	010	IAF	IF		FB				
	CATNO	URAKY	020		TF		FB	1.0	000.7 (017T)	005.0	02500
	EVALE	EVALE	010	IAF	IF		FB				
	EVALE	URAKY	020		TF		FB	1.0	180.8 (197T)	005.0	02500
	URAKY	URAKY	010		HF	R	FB		270.7 (287T)	005.0	02500
		URAKY	010	FACF	IF		FB				02500
		LARCE	020	FAF	TF		FB	0.5	270.7 (287T)	006.0	01700
		NINIY	030	MAP	TF		FO	0.3	270.5 (287T)	004.6	00194

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	270.5 (287T)		00417
	URAKY	050		DF	L	FO	1.0			02500
	URAKY	060		HM	R	FO	2.0	270.5 (287T)	005.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CATNO	N662803.31	W1593539.40	N6628.055	W15935.657
	EVALE	N663735.94	W1592827.92	N6637.599	W15928.465
	LARCE	N663432.39	W1594629.81	N6634.540	W15946.497
	NINIY	N663549.98	W1595732.37	N6635.833	W15957.540
	URAKY	N663249.67	W1593204.35	N6632.828	W15932.073
	RW27	N663558.37	W1595844.53	N6635.973	W15958.742

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00009	45

CITY AND STATE
SELAWIK, AK

ELEVATION: 17 TDZE: 15
AIRPORT NAME:
SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 27, ORIG
07/05/2007

SUP:
AMDT: NONE
DATED:



CA
F
APPROVED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.
ALL MDAS 160 FEET.

TAA

	FROM	TO	ALT
1.	128/30 CW 238/30 (NOPT)	128/6 CW 238/6	4500
2.	128/6 CW 238/6	DUGEY (IF/IAF) (FB)	3000
	238/30 CW 308/30 (NOPT)	DUGEY (IF/IAF) (FB)	3000
3.	308/30 CW 038/30	308/20 CW 038/20	4400
4.	308/20 CW 038/20	ESAVE (IAF) (FB)	3000
5.	038/30 CW 128/30	038/11 CW 128/11	4300
6.	038/11 CW 128/11	FATIS (IAF) (FB)	3800

CITY AND STATE

SELAWIK, AK

ELEVATION: 17 TDZE: 17

AIRPORT NAME:

SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) Y RWY 22, ORIG

07/05/2007

SUP:

AMDT: NONE

DATED:



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SCANP WLK PAFP22-Y ADUGEY	010DUGEYPAEAOEE	CL	HF				21770050	+	03000	18000		G	S
SCANP WLK PAFP22-Y AESAVE	010ESAVEPAEAOE	A	IF							18000		G	S
SCANP WLK PAFP22-Y AESAVE	020DUGEYPAEAOEE		010TF				30790082	+	03000			G	S
SCANP WLK PAFP22-Y AFATIS	010FATISPAEAOE	A	IF							18000		G	S
SCANP WLK PAFP22-Y AFATIS	020DUGEYPAEAOEE		010TF				12760050	+	03000			G	S
SCANP WLK PAFP22-Y P	010DUGEYPAEAOE	I	IF					+	03000	18000		G	S
SCANP WLK PAFP22-Y P	020CADOCPAEAOE	F	051TF				21770089	+	01700			G	S
SCANP WLK PAFP22-Y P	030FALOPPAEAOEY	M	031TF				21750046		00214	-305		G	S
SCANP WLK PAFP22-Y P	040		0 M 010CA				2175	+	00320			G	S
SCANP WLK PAFP22-Y P	050BECAYPAEAOE		010DF									G	S
SCANP WLK PAFP22-Y P	060APACUPAEAOE		L010TFY				1273					G	S
SCANP WLK PAFP22-Y P	070ESAVEPAEAOEY		L010TFY				0373	+	03000			G	S
SCANP WLK PAFP22-Y P	080ESAVEPAEAOEE		HR020HM				30790050	+	03000			G	S

[illegible]

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 22, ORIG 07/05/2007	SUP:
				AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DUGEY	DUGEY	010		HF	L	FB		217.7 (234T)	005.0	03000
	ESAVE	ESAVE	010	IAF	IF		FB				
	ESAVE	DUGEY	020		TF		FB	1.0	307.9 (324T)	008.2	03000
	FATIS	FATIS	010	IAF	IF		FB				
	FATIS	DUGEY	020		TF		FB	1.0	127.6 (144T)	005.0	03000
		DUGEY	010	FACF	IF		FB				03000
		CADOG	020	FAF	TF		FB	0.5	217.7 (234T)	008.9	01700
		FALOP	030	MAP	TF		FO	0.3	217.5 (234T)	004.6	00214

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	217.5 (234T)		00320
	BECAV	050		DF		FB	1.0			
	APACU	060		TF	L	FB	1.0	127.3 (143T)		
	ESAVE	070		TF	L	FO	1.0	037.3 (053T)		03000
	ESAVE	080		HM	R	FO	2.0	307.9 (324T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APACU	N662624.01	W1595700.38	N6626.400	W15957.006
	BECAV	N663257.56	W1600912.61	N6632.959	W16009.210
	CADOG	N663909.58	W1594816.77	N6639.160	W15948.280
	DUGEY	N664425.49	W1593014.55	N6644.425	W15930.243
	ESAVE	N663749.71	W1591804.32	N6637.829	W15918.072
	FALOP	N663625.79	W1595732.09	N6636.430	W15957.535
	FATIS	N664826.35	W1593743.01	N6648.439	W15937.717
	RW22	N663607.93	W1595832.40	N6636.132	W15958.540

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00010	45

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 22, ORIG 07/05/2007	SUP:
	AIRPORT NAME: SELAWIK			AMDT: NONE
	DATED:			



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA
FATIS (IAF)	DUGEY (NOPT) (FB)	127.63 / 5.00	3000	CLIMB TO 3000 DIRECT BECAY AND LEFT TURN VIA 127.30 TRACK TO APACU AND LEFT TURN VIA 037.34 TRACK TO ESARE AND HOLD.
ESARE (IAF)	DUGEY (NOPT) (FB)	307.93 / 8.20	3000	
DUGEY (IF/IAF)	CADOG (FB)	217.74 / 8.91	1700	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 307.93 INBOUND. CHART FAS OBST: 69 BUSH 663705N/1595749W WAAS CHANNEL # 40404 REFERENCE PATH ID: W22A DISTANCE TO THLD FROM 250 HAT: 0.67 NM

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE DUGEY, LT, 217.74 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 217.47 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: DUGEY 3000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1700 GS ALT AT: OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 16E

EPOCH YEAR: 2010

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	LPV: 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	267	1	250	267	1	250	267	1	250	267	1	250				
LNAV/VNAV DA	364	1 1/4	347	364	1 1/4	347	364	1 1/4	347	364	1 1/4	347				
CIRCLING	440	1 1/4	423	480	1 1/4	463	480	1 1/2	463	580	2	563				

NOTES:

CHART NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT.

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: BARO-VNAV NA WHEN USING KOTZEBUE ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (-5F) OR ABOVE 49C

(120F).

SEE 8260-10

CITY AND STATE	ELEVATION: 17 TDZE: 17	FACILITY IDENTIFIER:	PROCEDURE NO/AMDT NO.:	SUP:
SELAWIK, AK	AIRPORT NAME:	RNAV	RNAV (GPS) Z RWY 22, ORIG	AMDT: NONE
	SELAWIK		07/05/2007	DATED



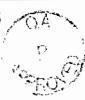
**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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.

NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE KOTZEBUE ALTIMETER SETTING AND INCREASE****ALL DAS/MDAS 160 FEET****TAA**

	FROM	TO	ALT
1.	128/30 CW 238/30 (NOPT)	128/6 CW 238/6	4500
2.	128/6 CW 238/6	DUGEY (IF/IAF) (FB)	3000
	238/30 CW 308/30 (NOPT)	DUGEY (IF/IAF) (FB)	3000
3.	308/30 CW 038/30	308/20 CW 038/20	4400
4.	308/20 CW 038/20	ESAVE (IAF) (FB)	3000
5.	038/30 CW 128/30	038/11 CW 128/11	4300
6.	038/11 CW 128/11	FATIS (IAF) (FB)	3800

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Z RWY 22, ORIG 07/05/2007	SUP:
				AMDT: NONE
				DATED:



**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
PASK
RW22
0
Z
0
W22A
663607.9340N
1595832.4010W
+00069
663514.8500N
1600131.3800W
00045.0
F
03.00
106.75
1832
40.0
50.0

CRC REMAINDER

44F3D07E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

PA
+00030
+00030

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Z RWY 22, ORIG 07/05/2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE SELAWIK, AK	ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO.: RNAV (GPS) Z RWY 22, ORIG 07/05/2007	SUP:
				AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

SCANP WLK PAPR22-Z RW22 001Z0000W22A0N6636079340W15958324010+000690300N6635148500W16001313800106751832000450F40050044F3D07E
SCANP WLK PAPR22-Z RW22 002 +00030+00030W22A 40404 000

CITY AND STATE
SELAWIK, AK

ELEVATION: 17 TDZE: 17
AIRPORT NAME:
SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) Z RWY 22, ORIG
07/05/2007

SUP:
AMDT: NONE
DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DUGEY	DUGEY	010		HF	L	FB		217.7 (234T)	005.0	03000
	ESAVE	ESAVE	010	IAF	IF		FB				
	ESAVE	DUGEY	020		TF		FB	1.0	307.9 (324T)	008.2	03000
	FATIS	FATIS	010	IAF	IF		FB				
	FATIS	DUGEY	020		TF		FB	1.0	127.6 (144T)	005.0	03000
		DUGEY	010	FACF	IF		FB				03000
		CADOG	020	FAF	TF		FB	0.5	217.7 (234T)	008.9	01700
		RW22	030	MAP	TF		FO	0.3	212.5 (229T)	004.9	00055

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BECAV	040		DF		FB	1.0			
	APACU	050		TF	L	FB	1.0	127.3 (143T)		
	ESAVE	060		TF	L	FO	1.0	037.3 (053T)		03000
	ESAVE	070		HM	R	FO	2.0	307.9 (324T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APACU	N662624.01	W1595700.38	N6626.400	W15957.006
	BECAV	N663257.56	W1600912.61	N6632.959	W16009.210
	CADOG	N663909.58	W1594816.77	N6639.160	W15948.280
	DUGEY	N664425.49	W1593014.55	N6644.425	W15930.243
	ESAVE	N663749.71	W1591804.32	N6637.829	W15918.072
	FATIS	N664826.35	W1593743.01	N6648.439	W15937.717
	RW22	N663607.93	W1595832.40	N6636.132	W15958.540

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW22	00010	45

CITY AND STATE
SELAWIK, AK

ELEVATION: 17 TDZE: 17
 AIRPORT NAME:
 SELAWIK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
 RNAV (GPS) Z RWY 22, ORIG
 07/05/2007

SUP:
 AMDT: NONE
 DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: WLK VOR/DME							
												CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2500 DIRECT WLK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.							
												ADDITIONAL FLIGHT DATA: HOLD SW, LT, 035.00 INBOUND. CHART FAS OBST: 125 ANTENNA 663625N/1600053W CHART VDP AT 1.17 DME; DISTANCE VDP TO THLD 1.06 MILES. CHART 2500 PRIOR TO WLK VOR/DME IN PROFILE. CHART APT ELEV 17 CHART TDZE 17 FAC CROSSES RWY C/L EXTENDED 2998 FROM THLD.							
1. PT <u>R</u> SIDE OF COURSE <u>209.20</u> OUTBOUND <u>1600</u> FT WITHIN <u>10</u> MILES OF <u>WLK VOR/DME</u> (IAF) 2. _____ 3. FAC <u>029.20</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>EXUME/2.00 DME 440</u> 8. MSA FROM: <u>WLK VOR/DME 040-130 2200, 130-220 4600, 220-040 3800</u>										MAG VAR: 16E EPOCH YEAR: 2010									
MINIMUMS																			
TAKEOFF:		STANDARD		X		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-4		440	1	423	440	1	423	440	1 1/4	423	440	1 1/4	423						
CIRCLING		440	1	423	480	1	463	480	1 1/2	463	580	2	563						
EXUME FIX MINIMUMS																			
S-4		380	1	363	380	1	363	380	1	363	380	1 1/4	363						
CIRCLING		440	1	423	480	1	463	480	1 1/2	463	580	2	563						
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE KOTZEBUE ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET CHART NOTE: VDP NA WHEN USING KOTZEBUE ALTIMETER SETTING																			
CITY AND STATE SELAWIK, AK				ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK				FACILITY IDENTIFIER: WLK				PROCEDURE NO./AMDT NO.: VOR RWY 4, AMDT 1 07/05/2007				SUP VOR OR GPS RWY 3 AMDT ORIG DATE 11/09/1995			



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: WLK VOR/DME			
				CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2500 DIRECT WLK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.			
				ADDITIONAL FLIGHT DATA: HOLD SW, LT, 035.00 INBOUND. CHART FAS OBST: 69 BUSH 663708N/1595748W CHART 2500 PRIOR TO WLK VOR/DME IN PROFILE. CHART APT ELEV 17 CHART TDZE 17 FAC CROSSES RWY C/L EXTENDED 2997 FROM THLD.			
1. PT <u>R</u> SIDE OF COURSE <u>042.81</u> OUTBOUND <u>1600</u> FT WITHIN <u>10</u> MILES OF <u>WLK VOR/DME</u> (IAF)							
2.							
3. FAC <u>222.81</u> FAF _____ DIST FAF TO MAP _____ THLD _____							
4. MIN. ALT <u>GODBE/2.00 DME 400</u>							
8. MSA FROM: <u>WLK VOR/DME 040-130 2200, 130-220 4600, 220-040 3800</u>							
				MAG VAR: 16E EPOCH YEAR: 2010			
MINIMUMS							
TAKEOFF:	STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A
CATEGORY	=====>		A		B		C
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	D
S-22	400	1	383	400	1	383	400
CIRCLING	440	1	423	480	1	463	580
							1 1/2
							463
							580
							2
							563
GODBE FIX MINIMUMS							
S-22	340	1	323	340	1	323	340
CIRCLING	440	1	423	480	1	463	580
							2
							563
NOTES:							
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.							
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE KOTZEBUE ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET							
CITY AND STATE SELAWIK, AK ELEVATION: 17 TDZE: 17 AIRPORT NAME: SELAWIK FACILITY IDENTIFIER: WLK PROCEDURE NO./AMDT NO.: VOR RWY 22, AMDT 1 07/05/2007 SUP VOR OR GPS RWY 21 AMDT ORIG ±A DATE 08/09/2002							

FAA FORM 8260-5 / December 2002 (computer generated)

PAGE 1 OF 1 PAGES



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

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:	STANDARD	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

NOTES:

PROCEDURE CANCELED EFFECTIVE 07/05/2007

CITY AND STATE SELAWIK, AK	ELEVATION: 26 TDZE: 26 AIRPORT NAME: SELAWIK	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO.: GPS RWY 27, ORIG 03/27/1997	SUP AMDT NONE DATE



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:
STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, MULTIPLE BUSHES BEGINNING 176 FEET FROM DER, 429 FEET LEFT OF CENTERLINE, UP TO 18 FEET AGL/18 FEET MSL. NOTE: RWY 22, ANTENNA ON BUILDING, 1040 FEET FROM DER, 448 FEET RIGHT OF CENTERLINE, 30 FEET AGL/47 FEET MSL. NOTE: RWY 27, MULTIPLE ANTENNAS AND BUILDINGS BEGINNING 270 FEET FROM DER RIGHT AND LEFT OF CENTERLINE, UP TO 108 FEET AGL/125 FEET MSL. BRIDGE 2148 FEET FROM DER, 249 FEET RIGHT OF CENTERLINE, 60 FEET AGL/90 FEET MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

SELAWIK, AK

(6) Airport

SELAWIK

(7) Effective Date
07/05/2007

(8) Amdt. No.
1



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
CSG VORTAC	OSOLE INT	252.89 / 22.22	2600	ILS: DA LOC: 5.64 MILES AFTER OSOLE INT	
TGE VOR/DME	OSOLE INT	080.09 / 11.83	2600	CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT CSG VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT TGE VOR/DME AND HOLD SW, RT, 054.91 INBOUND.	
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 100.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW TGE VOR/DME, RT, 054.91 INBOUND. CHART FAS OBST: 793 TREE 323605N/0852619W CHART OPOLE LOM SUBDUED. CHART IN PLANVIEW: OSOLE INT/TGE 11.83 DME. CHART IN PLANVIEW: OSOLE INT/CSG 22.22 DME.	
1. PT <u>L</u> SIDE OF COURSE <u>184.03</u> OUTBOUND <u>2600</u> FT WITHIN <u>10</u> MILES OF <u>OSOLE</u> (IAF) 2. _____ 3. FAC: <u>004.03</u> FAF: <u>OSOLE INT</u> DIST FAF TO MAP: <u>5.64</u> THLD: <u>5.64</u> 4. MIN. ALT: <u>OSOLE 2600</u> 5. DIST TO THLD FROM OM: <u>5.64</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>738</u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>OSOLE INT 2600</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>43.6</u> 8. MSA FROM: <u>TGE VOR/DME 2900</u>					
				MAG VAR: 3W EPOCH YEAR: 2005	

MINIMUMS															
TAKEOFF:	STANDARD	X	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 36	1009	1	250	1009	1	250	1009	1	250	1009	1	250			
S-LOC 36	1120	3/4	361	1120	3/4	361	1120	3/4	361	1120	1 1/4	361			
CIRCLING	1220	1	443	1240	1	463	1360	1 1/2	583	1360	2	583			

NOTES:
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS, GA ALTIMETER SETTING AND INCREASE DA TO 1122 FEET AND ALL MDAS 120 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE AUBURN, AL	ELEVATION: 777 TDZE: 759	FACILITY IDENTIFIER: AU	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 36, ORIG	SUP:
	AIRPORT NAME: AUBURN-OPELIKA ROBERT G PITTS		JUL 5 2007	AMDT: NONE
				DATED

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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.

(1) TAKEOFF MINIMUMS:

RWY 11, 18, 29, 36 STANDARD.

(2) DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, MULTIPLE TREES BEGINNING 1128' FROM DER, 559' RIGHT OF CENTERLINE, UP TO 73' AGL/ 793' MSL, TREE 1127' FROM DER, 464' LEFT OF CENTERLINE, 59' AGL/ 769' MSL.

NOTE: RWY 29, MULTIPLE TREES BEGINNING 202' FROM DER, 51' LEFT OF CENTERLINE UP TO 81' AGL/ 860' MSL. MULTIPLE TREES BEGINNING 231' FROM DER, 9' RIGHT OF CENTERLINE, UP TO 82' AGL/ 841' MSL.

NOTE: RWY 36, MULTIPLE TREES BEGINNING 223' FROM DER, 21' LEFT OF CENTERLINE, UP TO 88' AGL/ 848' MSL. MULTIPLE TREES BEGINNING 87' FROM DER, 44' RIGHT OF CENTERLINE, UP TO 106' AGL / 865' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

AUBURN, AL

(6) Airport

AUBURN-OPELIKA ROBERT G. PITTS

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TDG VOR/DME	SPATT INT/I-ROE 14.06 DME	282.99 / 25.93	3300	ILS: DA LOC: RW24 OR AT I-ROE 1.94 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VUZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (TACAN EQUIPPED AIRCRAFT CONTINUE VIA VUZ R-333 TO SIPSU/14.8 DME AND HOLD NW, RT, 152.79 INBOUND.); OR WHEN DIRECTED BY ATC, CLIMB TO 3100 DIRECT BHM NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100, SW, RT, 056.47 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD NE, RT, 226.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW BHM NDB, RT, 056.47 INBOUND. CHART FAS OBST: 897 TREE 333515N/0864321W CHART: 1397 TOWER 333638N/0863920W CHART: ROEBY LOM SUBDUED. CHART VDP AT 3.36 DME; DISTANCE VDP TO THLD 1.42 MILES. CHART IN PLANVIEW: BHM NDB. CHART: TDZE 650. CHART: TDG 25.93 DME AT SPATT INT.
SPATT INT/I-ROE 14.06 DME (IF/IAF)	HUKEV/I-ROE 9.80 DME	236.47 / 4.26 (I-ROE)	2700	
HUKEV/I-ROE 9.80 DME	LOWGA/I-ROE 6.61 DME	236.47 / 3.19 (I-ROE)	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE SPATT, RT, 236.47 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
- FAC: 236.47 FAF: LOWGA/I-ROE 6.61 DME DIST FAF TO MAP: - THLD: 4.67
- MIN. ALT: HUKEV 2700, LOWGA 2200, CUXOB/I-ROE 5.14 DME 1720
- DIST TO THLD FROM OM: 4.67 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1235
- MIN GS INCPT: 2200 GS ALT AT: LOWGA 2200 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 51.2
- MSA FROM: VUZ VORTAC 3700

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	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 24	850	4000	200	850	4000	200	850	4000	200	850	4000	200	850	4000	200
S-LOC 24	1160	5000	510	1160	5000	510	1160	1 1/2	510	1160	1 1/2	510	1160	1 3/4	510

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
 CHART NOTE: DME OR RADAR REQUIRED.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT SPATT INT ON V209 SOUTHWEST BOUND.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BIRMINGHAM, AL	ELEVATION: 644 TDZE: 650 AIRPORT NAME: BIRMINGHAM INTL	FACILITY IDENTIFIER: I-ROE	PROCEDURE NO./AMDT NO.: ILS OR LOC/DME RWY 24, AMDT 1 JUL 5 2007	SUP: ILS RWY 24 AMDT: ORIG-A DATED 05/17/2001



ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CITY AND STATE

BIRMINGHAM, AL

ELEVATION: 644 TDZE: 650

AIRPORT NAME:

BIRMINGHAM INTL

FACILITY
IDENTIFIER:
I-ROE

PROCEDURE NO./AMDT NO.:

ILS OR LOC/DME RWY 24, AMDT 1

JUL 5 2007

SUP: ILS RWY 24

AMDT: ORIG-A

DATED: 05/17/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TANNE	ATHEN (FB)	175.05 / 17.93	3000	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 3000 DIRECT WUPSO AND LEFT TURN VIA 243.00 TRACK TO ZOMUL AND VIA 167.42 TRACK TO ACASA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 092.06 INBOUND. CHART FAS OBST: 769 TOWER 343508N/0865625W CHART FAS OBST: 690 TREE 343824N/0865651W WAAS CHANNEL # 90204 REFERENCE PATH ID: W36A DISTANCE TO THLD FROM 317 HAT: 0.85 NM
MSL VORTAC	ACASA (FB)	124.49 / 26.23	3000	
MASHA (IAF)	ATHEN (NOPT) (FB)	340.53 / 2.80	3000	
ACASA (IAF)	ATHEN (NOPT) (FB)	092.06 / 5.00	3000	
ATHEN (IF/IAF)	SICJE (FB)	002.12 / 6.10	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S ATHEN, LT, 002.12 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 002.12 FAF: SICJE DIST FAF TO MAP: 4.85 THLD: 4.85
- MIN. ALT: ATHEN 3000, SICJE 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
- MSA FROM: RW36 3700

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	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	317	905	1	317	905	1	317	905	1	317			
LNAV/VNAV DA	960	1 1/4	372	960	1 1/4	372	960	1 1/4	372	960	1 1/4	372			
LNAV MDA	1020	1	432	1020	1	432	1020	1 1/4	432	1020	1 1/2	432			
CIRCLING	1040	1	448	1060	1	468	1060	1 1/2	468	1160	2	568			

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING HUNTSVILLE INTL-CARL T. JONES FIELD ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE DECATUR, AL	ELEVATION: 592 TDZE: 588 AIRPORT NAME: PRYOR FIELD RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, AMDT 1 JUL 5 2007	SUP: AMDT: ORIG-A DATED 05/15/2002



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUNTSVILLE INTL-CARL T. JONES FIELD

ALTIMETER SETTING AND INCREASE LPV DA TO 930, LNAV/VNAV DA TO 985, AND INCREASE ALL MDAS 40

FEET. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MSL VORTAC VIA V541 WESTBOUND, AND V7 NORTHWEST BOUND.

CITY AND STATE

DECATUR, AL

ELEVATION: 592 TDZE: 588

AIRPORT NAME:

PRYOR FIELD RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 36, AMDT 1

JUL 5 2007

SUP:

AMDT: ORIG-A

DATED: 05/15/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDCU
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	343844.3900N
LTP/FTP LONGITUDE	0865644.0200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01503
FPAP LATITUDE	344013.6200N
FPAP LONGITUDE	0865641.9100W
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	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

977D26A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01778
FPAP ORTHOMETRIC HEIGHT	+01778

CITY AND STATE DECATUR, AL	ELEVATION: 592 TDZE: 588	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, AMDT 1 JUL 5 2007	SUP:
	AIRPORT NAME: PRYOR FIELD RGNL			AMDT: ORIG-A
	DATED: 05-15-2002			



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[illegible]

CITY AND STATE DECATUR, AL	ELEVATION: 592 TDZE: 588 AIRPORT NAME: PRYOR FIELD RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 36, AMDT 1 JUL 5 2007	SUP:	
				AMDT:	ORIG-A
				DATED:	05-15-2002



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.

CITY AND STATE DECATUR, AL	ELEVATION: 592 TDZE: 588 AIRPORT NAME: PRYOR FIELD RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 36, AMDT 1 JUL 5 2007	SUP:
				AMDT: ORIG-A
				DATED: 05-15-2002



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MASHA	MASHA	010	IAF	IF		FB				
	MASHA	ATHEN	020		TF		FB	1.0	340.5 (340T)	002.8	03000
	MSL	MSL	010		IF		FB				
	MSL	ACASA	020	IAF	TF		FB	2.0	124.5 (124T)	026.2	03000
	MSL	ATHEN	030		TF		FB	1.0	092.1 (091T)	005.0	03000
	TANNE	TANNE	010		IF		FB				
	TANNE	ATHEN	020		TF		FB	2.0	175.1 (174T)	017.9	03000
	TANNE	ATHEN	030		HF	L	FB		002.1 (001T)	005.0	03000
		ATHEN	010	FACF	IF		FB				03000
		SICJE	020	FAF	TF		FB	0.5	002.1 (001T)	006.1	02200
		RW36	030	MAP	TF		FO	0.3	002.1 (001T)	004.9	00633

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WUPSO	040		DF		FB	1.0			
	ZOMUL	050		TF	L	FB	1.0	243.0 (242T)		
	ACASA	060		TF		FO	1.0	167.4 (166T)		03000
	ACASA	070		HM	R	FO	2.0	092.1 (091T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MSL	N344224.72	W0872929.39	N3442.412	W08729.490
	ACASA	N342752.12	W0870302.31	N3427.869	W08703.039
	ATHEN	N342746.40	W0865659.55	N3427.773	W08656.993
	MASHA	N342508.52	W0865548.39	N3425.142	W08655.807
	SICJE	N343352.95	W0865650.91	N3433.883	W08656.849
	TANNE	N344538.42	W0865914.42	N3445.640	W08659.240
	WUPSO	N344615.05	W0865633.34	N3446.251	W08656.556
	ZOMUL	N344138.00	W0870703.09	N3441.633	W08707.052
	RW36	N343844.39	W0865644.02	N3438.740	W08656.734

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	00583		50

CITY AND STATE
DECATUR, ALELEVATION: 592 TDZE: 588
AIRPORT NAME:
PRYOR FIELD RGNLFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 36, AMDT 1
JUL 5 2007SUP:
AMDT: ORIG-A
DATED: 05-15-2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW18 CLIMB TO 3100 DIRECT TOYOB AND VIA 176.47 TRACK TO FOLSO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 354.19 INBOUND. CHART FAS OBST: 990 TOWER 342657N/0865600W KIYET TO RW18: 3.04/40 CHART HUNTSVILLE INTL - CARL T. JONES FIELD ATIS, 121.25
FOLSO	JUPES (FB)	358.94 / 24.85	3000	
ELKED (IAF)	JUPES (NOPT) (FB)	184.66 / 14.39	3000	
TANNE (IAF)	JUPES (NOPT) (FB)	163.07 / 9.74	3000	
JUPES (IF/IAF)	KIYET (FB)	180.69 / 6.14	2400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N JUPES, RT, 180.69 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 180.69 FAF: KIYET DIST FAF TO MAP: 5.36 THLD: 5.36
- MIN. ALT: JUPES 3000, KIYET 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW18 3700

MAG VAR: 0E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	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	
LNAV MDA	1340	1	712	1340	1	712	1340	2	712		NA					
CIRCLING	1340	1	712	1340	1	712	1340	2	712		NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: USE HUNTSVILLE INTL-CARL T. JONES FIELD ALTIMETER SETTING; IF NOT RECEIVED, USE CULLMAN ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

CITY AND STATE HARTSELLE, AL	ELEVATION: 628 TDZE: 628 AIRPORT NAME: ROUNTREE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	K5M0K7FP18	AE LKED	010ELKEDK7EA0E	A	IF					18000		G	S
SUSAP	K5M0K7FP18	AE LKED	020JUPESK7EA0EE	010TF		18470144		+ 03000				G	S
SUSAP	K5M0K7FP18	AFOLSO	010FOLSOK7EA0E	IF						18000		G	S
SUSAP	K5M0K7FP18	AFOLSO	020JUPESK7EA0E	A 020TF		35890249		+ 03000				G	S
SUSAP	K5M0K7FP18	AFOLSO	030JUPESK7EA0EE	CR HF		18070050		+ 03000				G	S
SUSAP	K5M0K7FP18	ATANNE	010TANNEK7EA0E	A IF						18000		G	S
SUSAP	K5M0K7FP18	ATANNE	020JUPESK7EA0EE	010TF		16310097		+ 03000				G	S
SUSAP	K5M0K7FP18	P	010JUPESK7EA0E	I IF				+ 03000		18000		G	S
SUSAP	K5M0K7FP18	P	020KIYETK7EA0E	F 051TF		18070061		+ 02400			RW18 K7PGG	S	
SUSAP	K5M0K7FP18	P	030RW18 K7PGOGY	M 031TF		18070054		00668		-304		G	S
SUSAP	K5M0K7FP18	P	040	0 M 010CA		1807		+ 01028				G	S
SUSAP	K5M0K7FP18	P	050TOYOBK7EA0E	010DF								G	S
SUSAP	K5M0K7FP18	P	060FOLSOK7EA0EY	010TF		1765		+ 03100				G	S
SUSAP	K5M0K7FP18	P	070FOLSOK7EA0EE	HR020HM		35420050		+ 03100				G	S

[illegible]

1 2 3 4 5 6 7 8 9 0 1 2 3

CITY AND STATE HARTSELLE, AL	ELEVATION: 628 TDZE: 628 AIRPORT NAME: ROUNTREE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED: 

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KSMOK7SRW18 K7PG 0 25180037 M

CITY AND STATE
HARTSELLE, AL

ELEVATION: 628 TDZE: 628
AIRPORT NAME:
ROUNTREE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 18, ORIG
JUL 5 2007

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ELKED	ELKED	010	IAF	IF		FB				
	ELKED	JUPES	020		TF		FB	1.0	184.7 (185T)	014.4	03000
	FOLSO	FOLSO	010		IF		FB				
	FOLSO	JUPES	020	IAF	TF		FB	2.0	358.9 (359T)	024.9	03000
	FOLSO	JUPES	030		HF	R	FB		180.7 (181T)	005.0	03000
	TANNE	TANNE	010	IAF	IF		FB				
	TANNE	JUPES	020		TF		FB	1.0	163.1 (163T)	009.7	03000
		JUPES	010	FACF	IF		FB				03000
		KIYET	020	FAF	TF		FB	0.5	180.7 (181T)	006.1	02400
		RW18	030	MAP	TF		FO	0.3	180.7 (181T)	005.4	00668

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	180.7 (181T)		01028
	TOYOB	050		DF		FB	1.0			
	FOLSO	060		TF		FO	1.0	176.5 (177T)		03100
	FOLSO	070		HM	R	FO	2.0	354.2 (354T)	005.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELKED	N345040.52	W0865423.36	N3450.675	W08654.389
	FOLSO	N341124.92	W0865514.83	N3411.415	W08655.247
	JUPES	N343618.51	W0865548.28	N3436.309	W08655.805
	KIYET	N343009.23	W0865553.67	N3430.154	W08655.895
	TANNE	N344538.68	W0865914.53	N3445.645	W08659.242
	TOYOB	N342147.09	W0865600.97	N3421.785	W08656.016
	RW18	N342447.39	W0865558.35	N3424.790	W08655.973

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00628	40

CITY AND STATE
HARTSELLE, AL

ELEVATION: 628 TDZE: 628
 AIRPORT NAME:
 ROUNTREE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 18, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW36
FEWER	TICDU (FB)	215.86 / 8.42	3100	CLIMB TO 3000 DIRECT YACUP AND VIA 357.88 TRACK TO DCU VOR/DME AND HOLD.
JOHNY	JISPO (FB)	093.23 / 8.70	3100	
JISPO (IAF)	FOLSO (NOPT) (FB)	085.33 / 5.00	3100	
TICDU (IAF)	FOLSO (NOPT) (FB)	265.45 / 5.00	3100	
FOLSO (IF/IAF)	QECKE (FB)	354.19 / 6.72	2600	
				ADDITIONAL FLIGHT DATA: HOLD S, LT, 357.88 INBOUND. CHART FAS OBST: 739 TREE 342233N/0865632W CHART 1139 TREE 341752N/0865709W QECKE TO RWY 36: 3.05/34 CHART HUNTSVILLE INTL - CARL T. JONES FIELD ATIS, 121.25

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S FOLSO, RT, 354.19 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
- FAC: 000.69 FAF: QECKE DIST FAF TO MAP: 6.07 THLD: 6.07
- MIN. ALT: FOLSO 3100, QECKE 2600, TERYO/2.50 NM TO RW36 1440
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW36 3700

MAG VAR: 0E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒										
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	1040	1	441	1040	1	441	1040	1 1/4	441		NA					
CIRCLING	1140	1	512	1160	1	532	1180	1 1/2	552		NA					

NOTES:
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE HUNTSVILLE INTL-CARL T. JONES FIELD ALTIMETER SETTING; IF NOT RECEIVED, USE
SEE 8260-10

CITY AND STATE HARTSELLE, AL	ELEVATION: 628 TDZE: 599 AIRPORT NAME: ROUNTREE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CULLMAN ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.****CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT FOLSO ON V49 NORTHBOUND.**

CITY AND STATE

HARTSELLE, AL

ELEVATION: 628 TDZE: 599

AIRPORT NAME:

ROUNTREE FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 36, ORIG

JUL 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP K5M0K7FP36	AFEWER	010FEWERK7EA0E	IF						18000			G	S
SUSAP K5M0K7FP36	AFEWER	020TICDUK7EA0E	A 020TF			21590084		+ 03100				G	S
SUSAP K5M0K7FP36	AFEWER	030FOLSOK7EA0EE	R010TFY			26550050		+ 03100				G	S
SUSAP K5M0K7FP36	AJOHNY	010JOHNYK7EA0E	IF						18000			G	S
SUSAP K5M0K7FP36	AJOHNY	020JISPOK7EA0E	A 020TF			09320087		+ 03100				G	S
SUSAP K5M0K7FP36	AJOHNY	030FOLSOK7EA0EE	L010TFY			08530050		+ 03100				G	S
SUSAP K5M0K7FP36	AFOLSO	010FOLSOK7EA0EE	CR HF			35420050		+ 03100	18000			G	S
SUSAP K5M0K7FP36	P	010FOLSOK7EA0E	I IF					+ 03100	18000			G	S
SUSAP K5M0K7FP36	P	020QECKEK7EA0E	F 051TF			35420067		+ 02600			RW36	K7PGG	S
SUSAP K5M0K7FP36	P	021TERYOK7EA0E	S 031TF			00070036		V 0144001448		-305		G	S
SUSAP K5M0K7FP36	P	030RW36	K7PG0GY M 031TF			00070025		00633		-305		G	S
SUSAP K5M0K7FP36	P	040	0 M 010CA			0007		+ 01028				G	S
SUSAP K5M0K7FP36	P	050YACUPK7EA0E	010DF									G	S
SUSAP K5M0K7FP36	P	060DCU	K7D 0V 010TF			3579		+ 03000				G	S

CITY AND STATE HARTSELLE, AL	ELEVATION: 628 TDZE: 599 AIRPORT NAME: ROUNTREE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL 5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

G S

SUSAP K5M0K7GRW36 0035990007 N34241179W086555887+0800 00599000034075

SUSAP K5M0K7SRW36 K7PG 0 25180037 M

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FEWER	FEWER	010		IF		FB				
	FEWER	TICDU	020	IAF	TF		FB	2.0	215.9 (216T)	008.4	03100
	FEWER	FOLSO	030		TF	R	FB	1.0	265.5 (266T)	005.0	03100
	JOHNY	JOHNY	010		IF		FB				
	JOHNY	JISPO	020	IAF	TF		FB	2.0	093.2 (093T)	008.7	03100
	JOHNY	FOLSO	030		TF	L	FB	1.0	085.3 (085T)	005.0	03100
	FOLSO	FOLSO	010		HF	R	FB		354.2 (354T)	005.0	03100
		FOLSO	010	FACF	IF		FB				03100
		QECKE	020	FAF	TF		FB	0.5	354.2 (354T)	006.7	02600
		TERYO	021	SDF	TF		FB	0.3	000.7 (001T)	003.6	01440
		RW36	030	MAP	TF		FO	0.3	000.7 (001T)	002.5	00633

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	000.7 (001T)		01028
	YACUP	050		DF		FB	1.0			
	DCU	060		TF		FO	1.0	357.9 (358T)		03000
	DCU	070		HM	L	FO	2.0	357.9 (358T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DCU	N343853.94	W0865622.29	N3438.899	W08656.372
	FEWER	N341839.44	W0864317.39	N3418.657	W08643.290
	FOLSO	N341124.92	W0865514.83	N3411.415	W08655.247
	JISPO	N341100.62	W0870115.28	N3411.010	W08701.255
	JOHNY	N341130.57	W0871143.84	N3411.510	W08711.731
	QECKE	N341806.95	W0865604.16	N3418.116	W08656.069
	TERYO	N342141.54	W0865601.05	N3421.692	W08656.018
	TICDU	N341148.93	W0864914.32	N3411.816	W08649.239
	YACUP	N342842.23	W0865554.94	N3428.704	W08655.916
	RW36	N342411.79	W0865558.87	N3424.197	W08655.981

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00599	34

CITY AND STATE
HARTSELLE, AL

ELEVATION: 628 TDZE: 599
AIRPORT NAME:
ROUNTREE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 36, ORIG
JUL 5 2007

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

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:	STANDARD	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	

NOTES: _____
 PROCEDURE CANCELED EFFECTIVE JUL 5 2007

CITY AND STATE HARTSELLE, AL	ELEVATION: 628 TDZE: 599 AIRPORT NAME: ROUNTREE FIELD	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO.: GPS RWY 36, ORIG, 01/01/1998	SUP AMDT NONE DATE



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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: ☐ STANDARD ☐ 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

NOTES:

PROCEDURE CANCELED EFFECTIVE JUL 5 2007

CITY AND STATE
HARTSELLE, AL

ELEVATION: 628 TDZE:
AIRPORT NAME:

ROUNTREE FIELD

FACILITY
IDENTIFIER:
CPP

PROCEDURE NO. / AMDT NO.:
NDB OR GPS-A, AMDT 2
04 APR 91

SUP

AMDT 1

DATE 8 MAY 86



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 18, STANDARD.

RWY 36, 500-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 260' PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 36, TREES 3089' FROM DER, 426' LEFT OF CENTERLINE, 100' AGL/779' MSL. TREES 1139' FROM DER, 98' RIGHT OF CENTERLINE, 45' AGL/673' MSL. TOWER 1.85 NM FROM DER, 2953' LEFT OF CENTERLINE, 249' AGL/928' MSL. MULTIPLE BUILDINGS BEGINNING 755' FROM DER, 775' RIGHT OF CENTERLINE, UP TO 40' AGL/689' MSL. TOWER 2.15 NM FROM DER, 295' LEFT OF CENTERLINE, 303' AGL/990' MSL.

NOTE: RWY 18, TREES ABEAM DER, 300' LEFT OF CENTERLINE, UP TO 100' AGL/739' MSL. MULTIPLE BUILDINGS 150' FROM DER, 432' LEFT OF CENTERLINE, UP TO 40' AGL/679' MSL. MULTIPLE TREES 265' FROM DER, 133' RIGHT OF CENTERLINE, UP TO 100' AGL/699' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HARTSELLE, AL

(6) Airport

ROUNTREE FIELD

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

2



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 4, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 492 FT PER NM TO 1400.

RWY 22, STANDARD WITH MINIMUM CLIMB OF 282 FT PER NM TO 1400, OR 1100 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 4 - CLIMBING RIGHT TURN TO 3000 VIA FSM R-064 TO FSM VORTAC BEFORE PROCEEDING ON COURSE.

RWY 22 - CLIMBING RIGHT TURN TO 3000 VIA FSM R-064 TO FSM VORTAC BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS OZARK-FRANKLIN COUNTY AIRPORT SOUTHWEST BOUND AT OR ABOVE 1600 THEN CLIMB TO 3000 VIA FSM R-064 TO FSM VORTAC BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES BEGINNING 1906' FROM DER, 100' LEFT OF CENTERLINE, UP TO 100' AGL / 959' MSL.

TREES BEGINNING 3412' FROM DER, 6' RIGHT OF CENTERLINE, UP TO 100' AGL / 959' MSL.

TOWER 1.1 NM FROM DER, 470' LEFT OF CENTERLINE, 205' AGL / 995' MSL.

NOTE: RWY 22, RISING TERRAIN AND TREES BEGINNING 1.6 NM FROM DER, 1017' RIGHT OF CENTERLINE, UP TO 100' AGL / 999' MSL.

RISING TERRAIN AND TREES BEGINNING 2.7 NM FROM DER, ON CENTERLINE, UP TO 100' AGL / 1079' MSL.

(4) CONTROLLING OBSTACLES:

RWY 4, 22: 2370' MSL, 200 AAO, 353626.00N/0934520.00W,
1079' MSL, TREE, 352833.00N/0935302.00W

RWY 4: 995' MSL, TOWER (04-0026), 353138.00N/0934911.00W

RWY 22: 959' MSL, TREE, 352938.00N/0935223.00W,
999' MSL, TREE, 352921.00N/0935232.00W

(5) City, State

OZARK, AR

(6) Airport

OZARK-FRANKLIN COUNTY

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

1



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SUNOL	ALEYA (FB)	177.42 / 10.39	5400	LNAV: RW28L CLIMB TO 2000 DIRECT EROTE AND VIA 292.30 TRACK TO OAK VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.00 INBOUND. CHART FAS OBST: 157 TOWER 373912N/1220601W CHART 499 TREE 373742N/1220204W. DUKCA TO RW28L: 3.34/35.
SJC VOR/DME (IAF)	ALEYA (NOPT) (FB)	033.62 / 5.58	5400	
VINCO (IAF)	ALEYA (NOPT) (FB)	283.13 / 7.61	5400	
ALEYA (IF/IAF)	BIGSE (FB)	304.15 / 6.80	3700	
BIGSE	CASGO (FB)	304.15 / 3.20	2900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE ALEYA, RT, 304.15 INBOUND, 5400 FT. IN LIEU OF PT (IAF)
- FAC: 299.07 FAF: CASGO DIST FAF TO MAP: 8.00 THLD: 8.00
- MIN. ALT: ALEYA 5400, BIGSE 3700, CASGO 2900, DUKCA/3.60 NM TO RW28L 1360
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW28L 5300

MAG VAR: 15E

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF:		STANDARD	X	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	410	460	1	410	460	1 1/4	410	460	1 1/4	410			
CIRCLING	540	1	488	540	1	488	540	1 1/2	488	620	2	568			

NOTES:

CHART NOTE: CIRCLING NA NORTH OF RWY 10L-28R.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNOL VIA V301 NORTHWEST BOUND AND ARRIVALS AT

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50 AIRPORT NAME: HAYWARD EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 28L, ORIG JUL -5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

VINCO VIA V107 SOUTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE OAKLAND ALTIMETER SETTING AND INCREASE

ALL MDAS 20 FT.

CITY AND STATE

HAYWARD, CA

ELEVATION: 52 TDZE: 50

AIRPORT NAME:

HAYWARD EXECUTIVE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 28L, ORIG

JUL -5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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.

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2923      + 02000      G S
12000050  + 02000      G S
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[illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SJC	SJC	010	IAF	IF		FB				
	SJC	ALEYA	020		TF		FB	1.0	033.6 (049T)	005.6	05400
	SUNOL	SUNOL	010		IF		FB				
	SUNOL	ALEYA	020		TF		FB	2.0	177.4 (192T)	010.4	05400
	SUNOL	ALEYA	030		HF	R	FB		304.2 (319T)	005.0	05400
	VINCO	VINCO	010	IAF	IF		FB				
	VINCO	ALEYA	020		TF		FB	1.0	283.1 (298T)	007.6	05400
		ALEYA	010	FACF	IF		FB				05400
		BIGSE	011	SDF	TF		FB	0.5	304.2 (319T)	006.8	03700
		CASGO	020	PAF	TF		FB	0.5	304.2 (319T)	003.2	02900
		DUKCA	021	SDF	TF		FB	0.3	299.1 (314T)	004.4	01360
		RW28L	030	MAP	TF		FO	0.3	299.1 (314T)	003.6	00085

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	299.1 (314T)		00452
	EROTE	050		DF		FB	1.0			
	OAK	060		TF		FO	1.0	292.3 (307T)		02000
	OAK	070		HM	R	FO	2.0	120.0 (135T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OAK	N374333.31	W1221324.92	N3743.555	W12213.415
	SJC	N372228.96	W1215640.80	N3722.483	W12156.680
	ALEYA	N372610.47	W1215125.32	N3726.175	W12151.422
	BIGSE	N373119.34	W1215700.75	N3731.322	W12157.013
	CASGO	N373344.61	W1215938.87	N3733.744	W12159.648
	DUKCA	N373648.39	W1220337.58	N3736.807	W12203.626
	EROTE	N374042.13	W1220841.83	N3740.702	W12208.697
	SUNOL	N373619.91	W1214837.01	N3736.332	W12148.617
	VINCO	N372235.11	W1214259.52	N3722.585	W12142.992
	RW28L	N373918.66	W1220653.13	N3739.311	W12206.886

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW28L	00050	35	

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 28L, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: HAYWARD EXECUTIVE			AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA
SUNOL	JOBUS (FB)	148.64 / 6.77	6000	CLIMB TO 2000 DIRECT ENEME AND VIA 298.29 TRACK TO OAK VORTAC AND HOLD.
SJC VOR/DME	JOBUS (FB)	033.57 / 11.10	5600	
VINCO (IAF)	JOBUS (NOPT) (FB)	325.45 / 7.68	5600	
JOBUS (IF/IAF)	JOCPI (FB)	285.07 / 4.88	4400	
JOCPI	SUDGE (FB)	285.07 / 3.66	3500	
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.00 INBOUND. CHART 119 TREE 373904N/1220626W. WAAS CHANNEL # 77604 REFERENCE PATH ID: W28A DISTANCE TO THLD FROM 298 HAT: 0.83 NM

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E JOBUS, RT, 285.07 INBOUND, 5600 FT. IN LIEU OF PT (IAF)
- FAC: 284.98 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: JOBUS 5600, JOCPI 4400, SUDGE 3500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3500 GS ALT AT: OM: MM: IM:
- GS ANGLE: 3.00 TCH: 35.0 34:1 IS NOT CLEAR
- MSA FROM: RW28L 5300

MAG VAR: 15E EPOCH YEAR: 2005

MINIMUMS																
TAKEOFF:	STANDARD	X	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	348	1	298	348	1	298	348	1	298	348	1	298				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNOL VIA V301 NORTHWEST BOUND AND ARRIVALS AT VINCO VIA V107 SOUTHEAST BOUND.

SEE 8260-10

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50 AIRPORT NAME: HAYWARD EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Z RWY 28L, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE OAKLAND ALTIMETER SETTING AND INCREASE DA 20 FEET.

CITY AND STATE

HAYWARD, CA

ELEVATION: 52

TDZE: 50

AIRPORT NAME:

HAYWARD EXECUTIVE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) Z RWY 28L, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHWD
RUNWAY	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	373918.6640N
LTP/FTP LONGITUDE	1220653.1315W
LTP/FTP ELLIPSOIDAL HEIGHT	-00172
FPAP LATITUDE	374003.0600N
FPAP LONGITUDE	1220830.4500W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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

2E026FBD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00152
FPAP ORTHOMETRIC HEIGHT	+00152

CITY AND STATE

HAYWARD, CA

ELEVATION: 52 TDZE: 50
AIRPORT NAME:
HAYWARD EXECUTIVE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Z RWY 28L, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHWDK2FR28LZ	ASJC	010SJC	K2D 0V	IF					18000		A WS	
SUSAP	KHWDK2FR28LZ	ASJC	020JOBUSK2EA0E	010TF		03360111		+ 05600				A WS	
SUSAP	KHWDK2FR28LZ	ASJC	030JOBUSK2EA0EE	CR HF		28510050		+ 05600				A WS	
SUSAP	KHWDK2FR28LZ	ASUNOL	010SUNOLK2EA0E	IF						18000		A WS	
SUSAP	KHWDK2FR28LZ	ASUNOL	020JOBUSK2EA0E	010TF		14860068		+ 06000				A WS	
SUSAP	KHWDK2FR28LZ	ASUNOL	030JOBUSK2EA0EE	CR HF		28510050		+ 05600				A WS	
SUSAP	KHWDK2FR28LZ	AVINCO	010VINCOK2EA0E	A IF						18000		A WS	
SUSAP	KHWDK2FR28LZ	AVINCO	020JOBUSK2EA0EE	010TF		32550077		+ 05600				A WS	
SUSAP	KHWDK2FR28LZ	R	010JOBUSK2EA0E	I IF				+ 05600		18000		A WS	
SUSAP	KHWDK2FR28LZ	R	011JOCPIK2EA0E	S 051TF		28510049		+ 04400				A WS	
SUSAP	KHWDK2FR28LZ	R	020SUDGEK2EA0E	F 051TF		28510037		+ 03500			RW28L K2PGA	WS	
SUSAP	KHWDK2FR28LZ	R	030RW28LK2PGOGY	M 031TF		28500104		00085		-300		A WS	
SUSAP	KHWDK2FR28LZ	R	040ENEMEK2EA0E	010DF								A WS	
SUSAP	KHWDK2FR28LZ	R	050OAK	K2D 0VY	010TF	2983		+ 02000				A WS	
SUSAP	KHWDK2FR28LZ	R	060OAK	K2D 0VE	HR020HM	12000050		+ 02000				A WS	

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50 AIRPORT NAME: HAYWARD EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Z RWY 28L, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED:

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[illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SJC	SJC	010		IF		FB				
	SJC	JOBUS	020		TF		FB	2.0	033.6 (049T)	011.1	05600
	SJC	JOBUS	030		HF	R	FB		285.1 (300T)	005.0	05600
	SUNOL	SUNOL	010		IF		FB				
	SUNOL	JOBUS	020		TF		FB	2.0	148.6 (164T)	006.8	06000
	SUNOL	JOBUS	030		HF	R	FB		285.1 (300T)	005.0	05600
	VINCO	VINCO	010	IAF	IF		FB				
	VINCO	JOBUS	020		TF		FB	1.0	325.5 (341T)	007.7	05600
		JOBUS	010	FACF	IF		FB				05600
		JOCPI	011	SDF	TF		FB	0.5	285.1 (300T)	004.9	04400
		SUDGE	020	FAF	TF		FB	0.5	285.1 (300T)	003.7	03500
		RW28L	030	MAP	TF		FO	0.3	285.0 (300T)	010.4	00085

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ENEME	040		DF		FB	1.0			
	OAK	050		TF		FO	1.0	298.3 (313T)		02000
	OAK	060		HM	R	FO	2.0	120.0 (135T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OAK	N374333.31	W1221324.92	N3743.555	W12213.415
	SJC	N372228.96	W1215640.80	N3722.483	W12156.680
	ENEME	N374018.57	W1220904.52	N3740.310	W12209.075
	JOBUS	N372949.75	W1214613.22	N3729.829	W12146.220
	JOCPI	N373216.53	W1215131.89	N3732.276	W12151.532
	SUDGE	N373406.43	W1215531.07	N3734.107	W12155.518
	SUNOL	N373619.91	W1214837.01	N3736.332	W12148.617
	VINCO	N372235.11	W1214259.52	N3722.585	W12142.992
	RW28L	N373918.66	W1220653.13	N3739.311	W12206.886

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
RW28L	00050	35

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Z RWY 28L, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: HAYWARD EXECUTIVE			AMDT: NONE
	DATED:			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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: ☐ STANDARD ☐ 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

NOTES:

PROCEDURE CANCELED EFFECTIVE JUL - 5 2007

CITY AND STATE HAYWARD, CA	ELEVATION: 52 TDZE: 50	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO.: GPS RWY 28L, ORIG-A 7/21/1998	SUP
	AIRPORT NAME: HAYWARD EXECUTIVE			AMDT ORIG
	DATE 12/5/1996			

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWYS 34L/R, NA - ENVIRONMENTAL AND NOISE ABATEMENT.

RWYS 7L/R, 12, 30 STANDARD.

RWY 16L, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 387 FEET PER NM TO 600.

RWY 16R, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 518 FEET PER NM TO 500.

RWY 25L, STANDARD WITH MINIMUM CLIMB OF 225 FEET PER NM TO 2300.

RWY 25R, STANDARD WITH MINIMUM CLIMB OF 223 FEET PER NM TO 2200.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 7L, CLIMB HEADING 076.20 TO 800, THEN CLIMBING RIGHT TURN DIRECT SLI VORTAC AND SLI R-210 TO PADDR INT.

RWY 7R, CLIMB HEADING 075.95 TO 800, THEN CLIMBING RIGHT TURN DIRECT SLI VORTAC AND TO SLI R-210 TO PADDR INT.

RWY 12, CLIMB HEADING 120.71 TO INTERCEPT SLI VORTAC R-210 TO PADDR INT.

RWY 16L, CLIMB HEADING 166.19 TO 800, THEN CLIMBING RIGHT TURN HEADING 180.00 AND SLI VORTAC R-210 TO PADDR INT.

RWY 16R, CLIMB HEADING 165.94 TO 800, THEN CLIMBING RIGHT TURN HEADING 180.00 AND SLI VORTAC R-210 TO PADDR INT.

RWY 25L, CLIMB HEADING 255.96 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT.

RWY 25R, CLIMB HEADING 256.20 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT.

RWY 30, CLIMB HEADING 300.72 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7L, SIGN 287' FROM DER, 173' LEFT OF CENTERLINE, 8' AGL/45' MSL. VEHICLE ON ROAD 320' FROM DER, 248' LEFT OF CENTERLINE, 13' AGL/50' MSL. LIGHT 468' FROM DER, 307' LEFT OF CENTERLINE, 19' AGL/56' MSL. TREE 1326' FROM DER, 75' LEFT OF CENTERLINE, 60' AGL/97' MSL. TREES BEGINNING 579' FROM DER, 7' RIGHT OF CENTERLINE, UP TO 71' AGL/108' MSL. HANGAR 347' FROM DER, 416' RIGHT OF CENTERLINE, 13' AGL/50' MSL. NOTE: RWY 7R, HANGAR 260' FROM DER, 498' LEFT OF CENTERLINE, 31' AGL/64' MSL. MULTIPLE TREES BEGINNING 1408' FROM DER, 1' LEFT OF CENTERLINE, UP TO 64' AGL/94' MSL. LIGHT 459' FROM DER, 581' RIGHT OF CENTERLINE, 14' AGL/44' MSL. ANT OBSTRUCTION LIGHT 1473' FROM DER, 822' RIGHT OF CENTERLINE, 88' AGL/115' MSL. NOTE: RWY 12, MULTIPLE TREES (CON'T)

(4) CONTROLLING OBSTACLES:

RWY 7L, 7R, 12, 30: 10,264' MSL AAO 341712.00N/1173918.00W.

RWY 16L: 335 MSL TOWER, 334726.00N/1180858.00W, 10,264 MSL AAO 341712.00N/1173918.00W.

RWY 16R: 353 MSL CHIMNEY 334759.16N/1180939.13W, 10,264 MSL AAO 341712.00N/1173918.00W.

RWY 25L: 1679 MSL AAO 334448.00N/1182007.00W.

RWY 25R: 243 MSL ANTENNA 34931.67N/1181107.75W, 1679 MSL AAO 334448.00N/1182007.00, 10,264 MSL AAO 341712.00N/1173918.00W.

(5) City, State

LONG BEACH, CA

(6) Airport

LONG BEACH/DAUGHERTY FIELD

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

4



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE**

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(3) TAKEOFF OBSTACLES NOTES:

CON'T RWY 12: BEGINNING 1431' FROM DER, 469' LEFT OF CENTERLINE, UP TO 66' AGL/86' MSL. LIGHT 1127' FROM DER, 606' LEFT OF CENTERLINE, 36' AGL/56' MSL. MULTIPLE TREES BEGINNING 970' FROM DER, 392' RIGHT OF CENTERLINE, UP TO 64' AGL/87' MSL. SPIRE 3095' FROM DER, 1183' RIGHT OF CENTERLINE, 92' AGL/115' MSL. NOTE: RWY 16L, TERRAIN BEGINNING 155' FROM DER, 152' LEFT OF CENTERLINE, UP TO 40' MSL. MULTIPLE TREES BEGINNING 427' FROM DER, 136' LEFT OF CENTERLINE, UP TO 32' AGL/108' MSL. MULTIPLE LIGHTS, BUILDINGS AND LIGHTS ON BUILDINGS BEGINNING 285' FROM DER, 258' LEFT OF CENTERLINE, UP TO 113' AGL/159' MSL. MULTIPLE FLAG POLES 1165' FROM DER, 8' LEFT OF CENTERLINE, UP TO 60' AGL/116' MSL. RISING TERRAIN BEGINNING 156' FROM DER, 100' RIGHT OF CENTERLINE 40' MSL. MULTIPLE TREES BEGINNING 296' FROM DER, 149' RIGHT OF CENTERLINE, UP TO 38' AGL/218' MSL. MULTIPLE BUILDINGS BEGINNING 2057' FROM DER, 253' RIGHT OF CENTERLINE, UP TO 30' AGL/91' MSL. NOTE: RWY 16R, RISING TERRAIN BEGINNING 29' FROM DE ON CENTERLINE UP TO 309' MSL. MULTIPLE TREES BEGINNING 835' FROM DER, 46' LEFT OF CENTERLINE, UP TO 112' AGL/156' MSL. SIGN 1453' FROM DER, 139' LEFT OF CENTERLINE, 50' AGL/94' MSL. POLE 3034' FROM DER, 302' LEFT OF CENTERLINE, 91' AGL/135' MSL. LIGHT ON TANK 4079' FROM DER, 114' LEFT OF CENTERLINE, 108' AGL/152' MSL. MULTIPLE TOWER ANTENNAS BEGINNING 8017' FROM DER, 1913' LEFT OF CENTERLINE, UP TO 291' AGL/335' MSL. ANTENNA ON HANGAR 352' FROM DER, 399' RIGHT OF CENTERLINE, 38' AGL/82' MSL. MULTIPLE TREES BEGINNING 787' FROM DER, 319' RIGHT OF CENTERLINE, 32' AGL/293' MSL. MULTIPLE POLES BEGINNING 2028' FROM DER, 295' RIGHT OF CENTERLINE, UP TO 241' AGL/248' MSL. CHIMINEY ON BLDG, 4661' FROM DER, 1553' RIGHT OF CENTERLINE, 33' AGL/353' MSL. NOTE: RWY 25L, MULTIPLE TREES BEGINNING 2407' FROM DER, 111' LEFT OF CENTERLINE, UP TO 38' AGL/117' MSL. OBSTRUCTION LIGHT ON TOWER 2493' FROM DER, 503' LEFT OF CENTERLINE, 69' AGL/152' MSL. RISING TERRAIN BEGINNING 110' ON CENTERLINE, UP TO 66' MSL. OBSTRUCTION LIGHT ROD ON HANGAR, 1149' FROM DER, 793' RIGHT OF CENTERLINE, 109' AGL/169' MSL. ANTENNA 3821' FROM DER, 439' RIGHT OF CENTERLINE, 66' AGL/155' AGL. NOTE RWY 25R, FORD SIGN BEGINNING 551' FROM DER, 27' RIGHT OF CENTERLINE, UP TO 100' AGL/159' MSL. RAILROAD BEGINNING 202' FROM DER, 3' LEFT OF CENTERLINE, 66' AGL/155' MSL. MULTIPLE LIGHTS, AND LIGHT POLES BEGINNING 321' FROM DER, 111' LEFT OF CENTERLINE, UP TO 32' AGL/92' MSL. SIGN 1142' FROM DER, 33' LEFT OF CENTERLINE, 35' AGL/104' MSL. MULTIPLE TREES BEGINNING 1142' FROM DER, 9' LEFT OF CENTERLINE, UP TO 67' AGL/146' MSL. MULTIPLE OBSTRUCTION LIGHTS BEGINNING 67' FROM DER, 59' RIGHT OF CENTERLINE, UP TO 202' AGL/260' MSL. MULTIPLE TREES BEGINNING 1246' FROM DER, 1' RIGHT OF CENTERLINE, UP TO 87' AGL/145' MSL. NOTE: RWY 30, RAILROAD BEGINNING 647' FROM DER, ON CENTERLINE, UP TO 27' AGL/91' MSL. MULTIPLE ANTENNAS, RODS, VENTS AND LIGHTS ON BUILDINGS BEGINNING 356' FROM DER, 289' LEFT OF CENTERLINE, UP TO 27' AGL/87' MSL. MULTIPLE POLES BEGINNING 2061' FROM DER, 312' LEFT OF CENTERLINE, UP TO 51' AGL/124' MSL. RAILROAD BEGINNING 207' FROM DER, 485' RIGHT OF CENTERLINE, UP TO 25' AGL/81' MSL. MULTIPLE OBSTRUCTION LIGHTS, AND POLES BEGINNING 632' FROM DER, 240' RIGHT OF CENTERLINE, UP TO 66' AGL/142' MSL. MULTIPLE TREES BEGINNING 1701' FROM DER, 136' RIGHT OF CENTERLINE, UP TO 73' AGL/146' MSL. BUILDING 2617' FROM DER, 802' RIGHT OF CENTERLINE, 63' AGL/136' MSL.

City, State LONG BEACH, CA		Airport LONG BEACH/DAUGHERTY FIELD		Effective Date	Amdt. No. 4
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date JUL - 5 2007



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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														MISSED APPROACH											
FROM		TO		COURSE AND DISTANCE		ALTITUDE		ILS: DA LOC: 5.99 MILES AFTER CEGIX INT/I-AHI 5.81 DME																	
DRAKE INT/BRK 22.71 DME CW (IAF)		FALUR INT/I-AHI 12.47 DME		22.71 DME ARC (BRK LR-168)		8100		CLIMB TO 6600 THEN CLIMBING RIGHT TURN TO 10000 VIA HEADING 047.00 AND BRK VORTAC R-086 TO ADANE INT/BRK 11.12 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000; OR WHEN DIRECTED BY ATC, CLIMB TO 6600 THEN CLIMBING RIGHT TURN TO 9000 VIA HEADING 112.00 AND PUB VORTAC R-333 TO PUB VORTAC AND HOLD NE, RT, 244.22 INBOUND.																	
PUB VORTAC (IAF)		FALUR INT/12.47 DME		310.67 / 20.39		8100																			
FALUR INT/12.47 DME (IF)		CEGIX INT/5.81 DME		348.08 / 6.65 (I-AHI)		8100																			
														ADDITIONAL FLIGHT DATA: HOLD E, LT, 266.02 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE PUB VORTAC, RT, 244.22 INBOUND. CHART FAS OBST: 6129 TREE 384627N/1044059W CHART R-2601. CHART VDP AT 0.47 DME; DISTANCE VDP TO THLD 0.64 MILES. CHART BRK R-140 AT DRAKE. CHART IN PLANVIEW: PUB VORTAC. CHART IN PROFILE: I-AHI DME ANTENNA											
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)														MAG VAR: 12E EPOCH YEAR: 1980											
2. PROFILE STARTS AT FALUR INT/12.47 DME																									
3. FAC: <u>348.08</u> FAF: <u>CEGIX INT/5.81 DME</u> DIST FAF TO MAP: <u>5.99</u> THLD: <u>5.99</u>																									
4. MIN. ALT: <u>FALUR 8100, CEGIX 8100</u>																									
5. DIST TO THLD FROM OM: <u>5.99</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>956</u>																									
6. MIN GS INCPT: <u>8100</u> GS ALT AT: <u>CEGIX 8100</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>																									
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u>																									
8. MSA FROM: <u>BRK VORTAC 320-180 9100, 180-320 15400</u>																									
MINIMUMS																									
TAKEOFF:		STANDARD		X		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							
S-ILS 35R		6318		3/4		200		6318		3/4		200		6318		3/4		200							
S-LOC 35R		6380		1		262		6380		1		262		6380		1		262							
CIRCLING		6740		1		553		6760		1		573		6760		1 1/2		573							
NOTES: CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTENNIAL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 160 FEET. CHART PROFILE NOTE: USE I-AHI DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. SEE 8260-10																									
CITY AND STATE COLORADO SPRINGS, CO				ELEVATION: 6187 TDZE: 6118 AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI				FACILITY IDENTIFIER: I-AHI		PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 35R, ORIG JUL 5 2007				SUP: AMDT: NONE DATED											



ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PUB VORTAC AIRWAY RADIALS 262 CW 333

CHART PLANVIEW NOTE: RADAR REQUIRED WHEN R-2601 IN USE

CITY AND STATE

COLORADO SPRINGS, CO

ELEVATION: 6187 TDZE: 6118

AIRPORT NAME:

CITY OF COLORADO SPRINGS MUNI

FACILITY
IDENTIFIER:

I-AHI

PROCEDURE NO./AMDT NO.:

ILS OR LOC RWY 35R, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW35R						
PUB VORTAC		HABUK (FB)		324.66 / 17.87				8400		CLIMB TO 10000 DIRECT WABOP AND VIA 065.56 TRACK TO ADANE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.						
DRAKE		HABUK (FB)		241.44 / 8.13				8100								
HABUK (IAF)		FALUR (FB)		258.15 / 5.00				8100								
FALUR (IF)		CEGIX (FB)		348.08 / 6.65				8100								
										ADDITIONAL FLIGHT DATA: HOLD E, RT, 292.97 INBOUND. CHART FAS OBST: 6189 TREE 384644N/1044102W CHART FAS OBST: 6219 TREE 384300N/1044118W CHART R-2601. CHART VDP AT 0.96 MILES TO RW35R* *LNAV ONLY. WAAS CHANNEL # 53602 REFERENCE PATH ID: W35A DISTANCE TO THLD FROM 250 HAT: 0.66 NM						
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 12E EPOCH YEAR: 1980						
2. PROFILE STARTS AT FALUR																
3. FAC: <u>348.08</u> FAF: <u>CEGIX</u> DIST FAF TO MAP: <u>5.99</u> THLD: <u>5.99</u>																
4. MIN. ALT: <u>FALUR 8100, CEGIX 8100</u>																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: <u>8100</u> GS ALT AT: <u>CEGIX</u> OM: _____ MM: _____ IM: _____																
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> <u>34:1 IS CLEAR</u>																
8. MSA FROM: <u>RW35R 15400</u>																
MINIMUMS																
TAKEOFF:		STANDARD		X		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		6368	1	250	6368	1	250	6368	1	250	6368	1	250			
LNAV/VNAV DA		6459	1 1/4	341	6459	1 1/4	341	6459	1 1/4	341	6459	1 1/4	341			
LNAV MDA		6480	1	362	6480	1	362	6480	1	362	6480	1 1/4	362			
CIRCLING		6740	1	553	6760	1	573	6760	1 1/2	573	6840	2	653			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING CENTENNIAL ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTENNIAL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 160 FEET. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27C (-16F) OR ABOVE 37C SEE 8260-10																
CITY AND STATE		ELEVATION: 6187 TDZE: 6118			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 35R, AMDT 2				SUP:				
COLORADO SPRINGS, CO		AIRPORT NAME: CITY OF COLORADO SPRINGS MUNI						JUL 5 2007				AMDT: 1A				
												DATED 08/03/2006				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

(98F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PUB VORTAC VIA V81-611 SOUTHEAST BOUND.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING CENTENNIAL ALTIMETER SETTING

CITY AND STATE

COLORADO SPRINGS, CO

ELEVATION: 6187 TDZE: 6118

AIRPORT NAME:

CITY OF COLORADO SPRINGS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 35R, AMDT 2

JUL 5 2007

SUP:

AMDT: 1A

DATED: 08/03/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCOS
RUNWAY RW35R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A
LTP/FTP LATITUDE 384644.5075N
LTP/FTP LONGITUDE 1044108.8695W
LTP/FTP ELLIPSOIDAL HEIGHT +18423
FPAP LATITUDE 384859.3900N
FPAP LONGITUDE 1044108.6300W
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 0048
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

22D00435

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2
LTP ORTHOMETRIC HEIGHT +18602
FPAP ORTHOMETRIC HEIGHT +18602

CITY AND STATE
COLORADO SPRINGS, CO

ELEVATION: 6187 TDZE: 6118
AIRPORT NAME:
CITY OF COLORADO SPRINGS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 35R, AMDT 2
JUL 5 2007

SUP:
AMDT: 1A
DATED: 08-03-2006

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.

[illegible]

SUP:	
AMDT:	1A
DATED:	08-03-2006

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.

SUSAP KCOSK2GRW35R 0135013481 N38464451W104410887+0600 06103000055150

[illegible]

SUSAP	KCOSK2PR35R	RW35R001	0000W35A0N3846445075W10441088695+184230300N3848593900W10441086300106750048000550F40050022D00435
SUSAP	KCOSK2PR35R	RW35R002	+18602+18602W35A 53602 000

[illegible]

SUSAP KCOSK2SRW35RK2PG 0 25180154 M

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 35R, AMDT 2

JUL 5 2007

SUP:	
AMDT:	1A
DATED:	08-03-2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
DRAKE		DRAKE	010		IF		FB				
DRAKE		HABUK	020	IAF	TF		FB	2.0	241.4 (253T)	008.1	08100
DRAKE		FALUR	030		TF	R	FB	1.0	258.2 (270T)	005.0	08100
PUB		PUB	010		IF		FB				
PUB		HABUK	020	IAF	TF		FB	2.0	324.7 (337T)	017.9	08400
PUB		FALUR	030		TF	L	FB	1.0	258.2 (270T)	005.0	08100
		FALUR	010	FACF	IF		FB				08100
		CEGIX	020	FAF	TF		FB	1.0	348.1 (000T)	006.7	08100
		RW35R	030	MAP	TF		FO	0.3	348.1 (000T)	006.0	06158

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WABOP	040		DF		FB	1.0			
	ADANE	050		TF		FO	1.0	065.6 (078T)		10000
	ADANE	060		HM	R	FO	2.0	293.0 (305T)	007.0	10000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PUB	N381739.31	W1042545.99	N3817.655	W10425.767
	ADANE	N385454.68	W1042356.57	N3854.911	W10423.943
	CEGIX	N384044.59	W1044109.51	N3840.743	W10441.159
	DRAKE	N383624.05	W1042451.18	N3836.401	W10424.853
	FALUR	N383405.00	W1044110.18	N3834.083	W10441.170
	HABUK	N383404.41	W1043447.67	N3834.074	W10434.795
	WABOP	N385158.09	W1044108.38	N3851.968	W10441.140
	RW35R	N384644.51	W1044108.87	N3846.742	W10441.148

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW35R	06103	55

CITY AND STATE
 COLORADO SPRINGS, CO

ELEVATION: 6187 TDZE: 6118
 AIRPORT NAME:
 CITY OF COLORADO SPRINGS MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 35R, AMDT 2
 JUL 5 2007

SUP:
 AMDT: 1A
 DATED: 08-03-2006

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PUB VORTAC	HELER (FB)	079.11 / 10.00	7000	LPV: DA LNAV: RW26R
DRAKE	BONUH (FB)	133.47 / 15.67	8000	CLIMB TO 7000 DIRECT MERTZ AND HOLD.
STAXX	REDHI (FB)	342.84 / 12.91	7000	
VIGIL	REDHI (FB)	032.72 / 21.59	8000	
BONUH (IAF)	HELER (NOPT) (FB)	167.45 / 6.00	7000	
ORWAY (IAF)	HELER (NOPT) (FB)	267.13 / 7.74	7000	
SEE 8260-10				ADDITIONAL FLIGHT DATA: HOLD E, LT, 290.00 INBOUND. CHART FAS OBST: 4889 TREE 381759N/1042619W CHART 5001 TOWER 381714N/1042051W. CHART A-639A. CHART VDP AT 1.37 MILES TO RW26R* *LNAV ONLY. WAAS CHANNEL # 45702

- ADDITIONAL FLIGHT DATA:
HOLD E, LT, 290.00 INBOUND.
CHART FAS OBST: 4889 TREE 381759N/1042619W
CHART 5001 TOWER 381714N/1042051W.
CHART A-639A.
CHART VDP AT 1.37 MILES TO RW26R* *LNAV ONLY.
WAAS CHANNEL # 45702
REFERENCE PATH ID: W26A
CHART: ASR
DISTANCE TO THLD FROM 200 HAT: 0.47 NM

EPOCH YEAR: 1985

TAKEOFF:		STANDARD	X	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		4856	3/4	200	4856	3/4	200	4856	3/4	200	4856	3/4	200			
LNAV MDA		5140	1	484	5140	1	484	5140	1 1/4	484	5140	1 1/2	484			
CIRCLING		5340	1	614	5340	1	614	5340	1 3/4	614	5380	2	654			

NA WHEN LOCAL WEATHER NOT AVAILABLE.

PAGE 1 OF 7 PAGES



RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
REDHI (IAF)	HELER (NOPT) (FB)	342.83 / 6.00	7000
HELER (IF/IAF)	JERSU (FB)	257.45 / 6.24	6600

CITY AND STATE

PUEBLO, CO

ELEVATION: 4726 TDZE: 4656

AIRPORT NAME:

PUEBLO MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 26R, AMDT 1A

JUL 5 2007

SUP:

AMDT: 1

DATED: 11/23/2006



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPUB
RUNWAY	RW26R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W26A
REFERENCE PATH IDENTIFIER (APPROACH ID)	381716.7700N
LTP/FTP LATITUDE	1042824.6700W
LTP/FTP LONGITUDE	+13971
LTP/FTP ELLIPSOIDAL HEIGHT	381713.5600N
FPAP LATITUDE	1043039.9900W
FPAP LONGITUDE	00061.1
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.50
COURSE WIDTH AT THRESHOLD	0088
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

80478BE6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14159
FPAP ORTHOMETRIC HEIGHT	+14159

CITY AND STATE

PUEBLO, CO

ELEVATION: 4726 TDZE: 4656

AIRPORT NAME:

PUEBLO MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 26R, AMDT 1A

JUL 5 2007

SUP:

AMDT: 1

DATED: 11-23-2006



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.

[illegible][illegible][illegible][illegible]

QA
B
APPROVED

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.

34280060	+	07000			A JS
	+	07000	18000		A JS
25750062	+	06600		RW26R K2PGA	JS
25740058		04707	-300		A JS
	+	07000			A JS
29000070	+	07000			A JS

SUSAP KPUBK2GRW26R 0104962573 N38171677W104282467+0200 04646000061150

SUSAP	KPUBK2PR26R	RW26R001	0000W26A0N3817167700W10428246700+139710300N3817135600W10430399900106500088000611F40035080478BE6
SUSAP	KPUBK2PR26R	RW26R002	+14159+14159W26A 45702 000

SUSAP KPUBK2SRW26RK2PG 0 25180094 M

PAGE 5 OF 7 PAGES



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DRAKE	DRAKE	010		IF		FB				
	DRAKE	BONUH	020	IAF	TF		FB	2.0	133.5 (145T)	015.7	08000
	DRAKE	HELER	030		TF	R	FB	1.0	167.5 (179T)	006.0	07000
	ORWAY	ORWAY	010	IAF	IF		FB				
	ORWAY	HELER	020		TF		FB	1.0	267.1 (278T)	007.7	07000
	PUB	PUB	010		IF		FB				
	PUB	HELER	020		TF		FB	2.0	079.1 (090T)	010.0	07000
	PUB	HELER	030		HF	R	FB		257.5 (269T)	007.0	07000
	STAXX	STAXX	010		IF		FB				
	STAXX	REDHI	020	IAF	TF		FB	2.0	342.8 (354T)	012.9	07000
	STAXX	HELER	030		TF		FB	1.0	342.8 (354T)	006.0	07000
	VIGIL	VIGIL	010		IF		FB				
	VIGIL	REDHI	020	IAF	TF		FB	2.0	032.7 (044T)	021.6	08000
	VIGIL	HELER	030		TF	L	FB	1.0	342.8 (354T)	006.0	07000
		HELER	010	FACF	IF		FB				07000
		JERSU	020	FAF	TF		FB	0.5	257.5 (269T)	006.2	06600
		RW26R	030	MAP	TF		FO	0.3	257.4 (268T)	005.8	04707

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MERTZ	040		DF		FO	1.0			07000
	MERTZ	050		HM	L	FO	2.0	290.0 (301T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PUB	N381739.31	W1042545.99	N3817.655	W10425.767
	BONUH	N382337.55	W1041316.30	N3823.626	W10413.272
	DRAKE	N383624.05	W1042451.18	N3836.401	W10424.853
	HELER	N381737.43	W1041303.92	N3817.624	W10413.065
	JERSU	N381727.01	W1042059.48	N3817.450	W10420.991
	MERTZ	N381702.21	W1043849.21	N3817.037	W10438.820
	ORWAY	N381632.08	W1040320.14	N3816.535	W10403.336
	REDHI	N381139.04	W1041214.76	N3811.651	W10412.246
	STAXX	N375848.29	W1041029.43	N3758.805	W10410.491
	VIGIL	N375603.37	W1043110.43	N3756.056	W10431.174
	RW26R	N381716.77	W1042824.67	N3817.280	W10428.411

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

CITY AND STATE

PUEBLO, CO

ELEVATION: 4726 TDZE: 4656

AIRPORT NAME:

PUEBLO MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 26R, AMDT 1A

JUL 5 2007

SUP:

AMDT: 1

DATED: 11-23-2006



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

RW26R 04646

61

CITY AND STATE

PUEBLO, CO

ELEVATION: 4726 TDZE: 4656

AIRPORT NAME:

PUEBLO MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 26R, AMDT 1A

JUL 5 2007

SUP:

AMDT: 1

DATED: 11-23-2006



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
KNUCK INT/AML 16.34 DME (IF)	JETMO/AML 5.39 DME	120.63 / 10.94 (I-AJU)	1700	ILS: DA LOC: 4.16 MILES AFTER JETMO/AML 5.39 DME OR AT AML 1.24 DME FIX CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 VIA AML R-256 TO BLUES INT/AML 22.27 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CSN VORTAC AND HOLD NE, RT, 232.09 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 076.21 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE CSN VORTAC, RT, 232.09 INBOUND. CHART FAS OBST: 396 TREE 385634N/0772945W CHART LOC RWY 19L CHART IN PLANVIEW: CSN VORTAC.

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT **KNUCK**
- FAC: 120.63 FAF: JETMO/AML 5.39 DME DIST FAF TO MAP: THLD: 4.16
- MIN. ALT: **KNUCK 4500, JETMO 1700**
- DIST TO THLD FROM OM: 4.16 MM: 0.46 IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
- MIN GS INCPT: 1700 GS ALT AT: JETMO 1700 OM: - MM: 505 IM: -
- GS ANGLE: 3.00 TCH: 49.4
- MSA FROM: **AML VORTAC 360-180 2500, 180-360 3400**

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	X	STANDARD	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 12	510	1800	200	510	1800	200	510	1800	200	510	1800	200			
S-LOC 12	760	2400	450	760	2400	450	760	4000	450	760	5000	450			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	940	2	628			

NOTES:

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CAT A, B, C, D 700-2

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 310 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-AJU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 12, AMDT 8 JUL - 5 2007	SUP: ILS RWY 12 AMDT: 7 DATED 03/20/2003



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
MRB VORTAC (IAF)	IZUMI INT/I-SGC 16.68 DME	127.00 / 22.41	4000	ILS: DA LOC: 4.19 MILES AFTER DOMSE INT/I-SGC 6.32 DME OR AT I-SGC 2.13 DME FIX	
DADEY/I-SGC 18.68 DME/RADAR (IAF)	IZUMI INT/I-SGC 16.68 DME	190.67 / 2.00 (I-SGC)	4000	CLIMB TO 2000 DIRECT TILLE LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2100 VIA HEADING 010 AND AML VORTAC R-040 TO ASPER INT/AML 14.66 DME AND HOLD NE, RT, 220.00 INBOUND.	
IZUMI INT/I-SGC 16.68 DME (IF)	DOMSE INT/I-SGC 6.32 DME	190.67 / 10.35 (I-SGC)	1700	ADDITIONAL FLIGHT DATA: HOLD S, LT, 010.84 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE ASPER INT/AML 14.66 DME, RT, 220.00 INBOUND. CHART FAS OBST: 432 TOWER 390105N/0772554W CHART LOC RWY 19R. CHART VDP AT 3.17 DME; DISTANCE VDP TO THLD 1.04 MILES. CHART IN PLANVIEW: ASPER INT/AML 14.66 DME.	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT DADEY

3. FAC: 190.67 FAF: DOMSE INT/I-SGC 6.32 DME DIST FAF TO MAP: 4.19 THLD: 4.19

4. MIN. ALT: DADEY 5000, IZUMI 4000, DOMSE 1700

5. DIST TO THLD FROM OM: 4.19 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 999

6. MIN GS INCPT: 1700 GS ALT AT: DOMSE INT/I-SGC 6.32 DME 1700 OM: - MM: - IM: -

7. GS ANGLE: 3.00 TCH: 55.3

8. MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF: ☒ STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: ☐ NA			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 19L	502	2400	200	502	2400	200	502	2400	200	502	2400	200				
S-LOC 19L	700	2400	398	700	2400	398	700	2400	398	700	4000	398				
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	940	2	628				

NOTES:
CHART NOTE: ADF REQUIRED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: S-LOC 19L MINIMA NA DURING SIMULTANEOUS OPERATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MRB VORTAC AIRWAY RADIALS 088 CW 137.

CAT A, B, C, D 700-2

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 302 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-SGC	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 19L, AMDT 13 JUL - 5 2007	SUP: AMDT: 12 DATED 09/01/2005



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA
DADEY/I-SGC 18.68 DME/RADAR (IAF)	IZUMI INT/I-SGC 16.68 DME	190.67 / 2.00 (I-SGC)	4000	CLIMBING LEFT TURN TO 2100 VIA AML VORTAC R-040 TO ASPER INT/AML 14.66 DME AND HOLD.
IZUMI INT/I-SGC 16.68 DME (IF)	DOMSE INT/I-SGC 6.32 DME	190.67 / 10.35 (I-SGC)	1700	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 220.00 INBOUND. CHART LOC RWY 12.

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT DADEY
- FAC: 190.67 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: DADEY 5000, IZUMI 4000, DOMSE 1700
- DIST TO THLD FROM OM: 4.19 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 999
- MIN GS INCPT: 1700 GS ALT AT: DOMSE INT/I-SGC 6.32 DME 1700 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 55.3
- MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	☒	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE:	N	A	☒			
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 19L	902	1 1/2	600	902	1 1/2	600	902	1 1/2	600	902	1 1/2	600			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 19L VISIBILITY TO 2 MILES ALL CATS.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS CONVERGING APPROACHES AUTHORIZED WITH RWY 12.

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 302 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-SGC	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: CONVERGING ILS RWY 19L, AMDT 7 JUL - 5 2007	SUP: AMDT: 6 DATED 09/01/2005



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA
HOOSR/AML 17.49 DME/RADAR (IAF)	BOYDS INT/AML 16.43 DME	190.65 / 1.05 (I-DLX)	4500	CLIMBING LEFT TURN TO 2100 VIA AML VORTAC R-040 TO ASPER INT/AML 14.66 DME AND HOLD.
BOYDS INT/AML 16.43 DME (IF)	ENEDE INT/AML 10.37 DME	190.65 / 6.07 (I-DLX)	3000*	
ENEDE INT/AML 10.37 DME	FEMKO/AML 5.83 DME	190.65 / 4.54 (I-DLX)	1500	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 220.00 INBOUND. CHART LOC RWY 12.

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HOOSR
- FAC: 190.65 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: HOOSR 5000, BOYDS 4500, ENEDE 3000*, FEMKO 1500
- DIST TO THLD FROM OM: 3.66 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1030
- MIN GS INCPT: 1500 GS ALT AT: FEMKO/AML 5.83 DME 1500 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 54.0
- MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	☒	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A		☒						
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 19R		872	1 1/2	600	872	1 1/2	600	872	1 1/2	600	872	1 1/2	600			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-ILS 19R VISIBILITY TO 2 MILES, ALL CATS.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS CONVERGING APPROACHES AUTHORIZED WITH RWY 12.
* OR AS ASSIGNED BY ATC.

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 272 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-DLX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: CONVERGING ILS RWY 19R, AMDT 7 JUL - 5 2007	SUP: AMDT: 6A DATED 06/08/2006



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 3.66 MILES AFTER FEMKO/AML 5.83 DME OR AT AML 2.19 DME FIX CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 VIA AML VORTAC R-256 TO BLUES INT/AML 22.27 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CSN VORTAC AND HOLD NE, RT, 232.09 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 076.21 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE CSN VORTAC, RT, 232.09 INBOUND. CHART FAS OBST: 405 TREE 385923N/0772714W CHART LOC RWY 19L CHART IN PLANVIEW: CSN VORTAC.
BLUES INT/AML 22.27 DME	MRB VORTAC	011.49 / 35.46	4500	
MRB VORTAC (IAF)	BOYDS INT/AML 16.43 DME	127.00 / 21.14	4500	
HOOSR/AML 17.49 DME/RADAR (IAF)	BOYDS INT/AML 16.43 DME	190.65 / 1.05 (I-DLX)	4500	
BOYDS INT/AML 16.43 DME (IF)	ENEDE INT/AML 10.37 DME	190.65 / 6.07 (I-DLX)	3000*	
ENEDE INT/AML 10.37 DME	FEMKO/AML 5.83 DME	190.65 / 4.54 (I-DLX)	1500	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HOOSR
- FAC: 190.65 FAF: FEMKO/AML 5.83 DME DIST FAF TO MAP: THLD: 3.66
- MIN. ALT: HOOSR 5000, BOYDS 4500, ENED 3000*, FEMKO 1500
- DIST TO THLD FROM OM: 3.66 MM: - IM: 880 150 HAT: - 100 HAT: 935 GS ANT: 1030
- MIN GS INCPT: 1500 GS ALT AT: FEMKO/AML 5.83 DME 1500 OM: - MM: - IM: 369
- GS ANGLE: 3.00 TCH: 54.0
- MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF: ☒ STANDARD			SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: ☐ NA ☒								
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 19R	472	1800	200	472	1800	200	472	1800	200	472	1800	200			
S-LOC 19R	680	2400	408	680	2400	408	680	4000	408	680	4000	408			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	940	2	628			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19R: DA 372 MSL, 108 RA, RVR 1200, HAT 100; CAT A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
 SEE 8260-10

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 272 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-DLX	PROCEDURE NO./AMDT NO.: ILS OR LOC/DME RWY 19R, AMDT 24 ILS RWY 19R (CAT II), ILS RWY 19R (CAT III) JUL -5 2007	SUP: ILS OR LOC/DME RWY 19R AMDT: 23 DATED 01/20/2005



**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19L.****CHART PROFILE NOTE: VGS1 AND ILS GLIDEPATH NOT COINCIDENT.***** OR AS ASSIGNED BY ATC.****CHART NOTE: S-LOC MINIMA NA DURING SIMULTANEOUS OPERATIONS****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MRB VORTAC AIRWAY RADIALS 088 CW 137.**

CITY AND STATE

WASHINGTON, DC

ELEVATION: 312 TDZE: 272

AIRPORT NAME:

WASHINGTON DULLES INTL

FACILITY
IDENTIFIER:

I-DLX

PROCEDURE NO. / AMDT NO.:

ILS OR LOC/DME RWY 19R, AMDT 24
ILS RWY 19R (CAT II), ILS RWY 19R (CAT III)

JUL - 5 2007

SUP: ILS OR LOC/DME
RWY 19R

AMDT: 23

DATED: 01/20/2005



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 9, 27 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, MULTIPLE TREES BEGINNING 26' FROM DER, 50' LEFT OF CENTERLINE, UP TO 100' AGL/149' MSL

POLE LINE 1151' FROM DER, 36' RIGHT OF CENTERLINE, 50' AGL / 99' MSL

MULTIPLE TREES BEGINNING 815' FROM DER, 505' RIGHT OF CENTERLINE, UP TO 100' AGL / 154' MSL

NOTE: RWY 27, MULTIPLE TREES BEGINNING 231' FROM DER, 85' LEFT OF CENTERLINE, UP TO 100' AGL / 169' MSL

MULTIPLE TREES BEGINNING 829' FROM DER, 43' RIGHT OF CENTERLINE, UP TO 100' AGL / 164' MSL

(4) CONTROLLING OBSTACLES:

(5) City, State

DOVER/CHESWOLD, DE

(6) Airport

DELAWARE AIRPARK

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW09 CLIMBING LEFT TURN TO 2000 DIRECT ZIZZO AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 184 TREE 391135N/0754016W URESY TO RW09: 3.04/30.
ENO VORTAC	ZIZZO (FB)	266.59 / 15.15	2000	
BLARE	ZIZZO (FB)	232.85 / 19.69	2000	
GOLDA (IAF)	ZIZZO (NOPT) (FB)	104.69 / 10.22	2000	
PRICE (IAF)	ZIZZO (NOPT) (FB)	024.84 / 4.52	2000	
ZIZZO (IF/IAF)	URESY (FB)	085.22 / 6.17	1700	

- PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- HOLD W ZIZZO, RT, 085.22 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 085.30 FAF: URESY DIST FAF TO MAP: 5.01 THLD: 5.01
- MIN. ALT: ZIZZO 2000, URESY 1700
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW09 1700

MAG VAR: 12W

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	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
LNAV MDA	460	1	408	460	1	408	460	1 1/4	408		NA				
CIRCLING	580	1	524	580	1	524	820	2 1/4	764		NA				

NOTES:
 CHART NOTE: USE DOVER AFB ALTIMETER SETTING.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ENO VORTAC VIA V16-157-213 NORTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GOLDA VIA V312 SOUTHWEST BOUND.

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52 AIRPORT NAME: DELAWARE AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 9, ORIG JUL -5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52 AIRPORT NAME: DELAWARE AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 9, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED: 04

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.

[illegible]

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52 AIRPORT NAME: DELAWARE AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 9, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED: 

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BLARE	BLARE	010		IF		FB				
	BLARE	ZIZZO	020		TF		FB	2.0	232.9 (221T)	019.7	02000
	BLARE	ZIZZO	030		HF	R	FB		085.2 (073T)	005.0	02000
	ENO	ENO	010		IF		FB				
	ENO	ZIZZO	020		TF		FB	2.0	266.6 (255T)	015.2	02000
	ENO	ZIZZO	030		HF	R	FB		085.2 (073T)	005.0	02000
	GOLDA	GOLDA	010	IAF	IF		FB				
	GOLDA	ZIZZO	020		TF		FB	1.0	104.7 (093T)	010.2	02000
	PRICE	PRICE	010	IAF	IF		FB				
	PRICE	ZIZZO	020		TF		FB	1.0	024.8 (013T)	004.5	02000
		ZIZZO	010	FACF	IF		FB				02000
		URES	020	FAF	TF		FB	0.5	085.2 (073T)	006.2	01700
		RW09	030	MAP	TF		FO	0.3	085.3 (073T)	005.0	00092

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	085.3 (073T)		00456
	ZIZZO	050		DF	L	FO	1.0			02000
	ZIZZO	060		HM	R	FO	2.0	085.3 (073T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENO	N391354.00	W0753057.33	N3913.900	W07530.956
	BLARE	N392446.50	W0753310.10	N3924.775	W07533.168
	GOLDA	N391020.27	W0760251.07	N3910.338	W07602.851
	PRICE	N390526.30	W0755101.17	N3905.438	W07551.020
	URES	N391137.48	W0754207.94	N3911.625	W07542.132
	ZIZZO	N390950.77	W0754943.74	N3909.846	W07549.729
	RW09	N391303.79	W0753557.51	N3913.063	W07535.959

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00052	40

CITY AND STATE
DOVER/CHESWOLD, DE

ELEVATION: 56 TDZE: 52
 AIRPORT NAME:
 DELAWARE AIRPARK

FACILITY
IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 9, ORIG
 JUL -5 2007

SUP:
 AMDT: NONE
 DATED:



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH							
FROM			TO			COURSE AND DISTANCE			ALTITUDE	LNAV: RW27							
BLARE			OJAWU (FB)			126.66 / 8.47			3000	CLIMB TO 2000 DIRECT ZIZZO AND HOLD.							
BRIEF			OJAWU (FB)			256.90 / 13.35			3000								
TACKS			OJAWU (FB)			091.30 / 21.09			3000								
LEEAH			UFATU (FB)			284.46 / 10.00			3000								
OJAWU (IAF)			SOPHY (FB)			175.72 / 5.01			3000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.22 INBOUND. CHART FAS OBST: 159 TREE 391331N/0753548W CHART 200 CELL TOWER 391358N/0753154W. OZIGY TO RW27: 3.67/30.							
UFATU (IAF)			SOPHY (FB)			284.32 / 8.86			3000								
SOPHY (IF)			OZIGY (FB)			265.51 / 6.20			2100								
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. <u>PROFILE STARTS AT SOPHY</u>																	
3. FAC: <u>265.43</u> FAF: <u>OZIGY</u> DIST FAF TO MAP: <u>5.20</u> THLD: <u>5.20</u>																	
4. MIN. ALT: <u>SOPHY 3000, OZIGY 2100, JUNVI/2.60 NM TO RW27 1080</u>																	
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: <u>34:1</u> IS NOT CLEAR																	
8. MSA FROM: <u>RW27 1700</u>																	
										MAG VAR: 12W			EPOCH YEAR: 1995				
TAKEOFF: ☐ STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT ☐ ALTERNATE: N/A ☒																	
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	440	1	388	440	1	388	440	1	388		NA						
CIRCLING	580	1	524	580	1	524	820	2 1/4	764		NA						
NOTES: CHART NOTE: USE DOVER AFB ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLARE VIA V29 NORTHBOUND. SEE 8260-10																	
CITY AND STATE				ELEVATION: 56 TDZE: 52				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO.:				SUP:	
DOVER/CHESWOLD, DE				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 27, ORIG				AMDT: NONE	
				DELAWARE AIRPARK								JUL 5 2007				DATED	

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRIEF VIA V16 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TACKS VIA V123-312 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEEAH VIA V229 NORTHEAST BOUND, V268 EASTBOUND.

CITY AND STATE

DOVER/CHESWOLD, DE

ELEVATION: 56 TDZE: 52

AIRPORT NAME:

DELAWARE AIRPARK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 27, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP K33NK6FP27	ABLARE 010BLAREK6EA0E	IF								18000		G S	
SUSAP K33NK6FP27	ABLARE 020OJAWUK6EA0E	A 020TF				12670085		+ 03000				G S	
SUSAP K33NK6FP27	ABLARE 030SOPHYK6EA0EE	010TF				17570050		+ 03000				G S	
SUSAP K33NK6FP27	ABRIEF 010BRIEFK6EA0E	IF								18000		G S	
SUSAP K33NK6FP27	ABRIEF 020OJAWUK6EA0E	A 020TF				25690134		+ 03000				G S	
SUSAP K33NK6FP27	ABRIEF 030SOPHYK6EA0EE	010TF				17570050		+ 03000				G S	
SUSAP K33NK6FP27	ALEEAH 010LEEAHK6EA0E	IF								18000		G S	
SUSAP K33NK6FP27	ALEEAH 020UFATUK6EA0E	A 020TF				28450100		+ 03000				G S	
SUSAP K33NK6FP27	ALEEAH 030SOPHYK6EA0EE	010TF				28430089		+ 03000				G S	
SUSAP K33NK6FP27	ATACKS 010TACKSK6EA0E	IF								18000		G S	
SUSAP K33NK6FP27	ATACKS 020OJAWUK6EA0E	A 020TF				09130211		+ 03000				G S	
SUSAP K33NK6FP27	ATACKS 030SOPHYK6EA0EE	010TF				17570050		+ 03000				G S	
SUSAP K33NK6FP27	P 010SOPHYK6EA0E	I IF						+ 03000		18000		G S	
SUSAP K33NK6FP27	P 020OZIGYK6EA0E	F 051TF				26550062		+ 02100			RW27 K6PGG	S	
SUSAP K33NK6FP27	P 021JUNVIK6EA0E	S 031TF				26540026		V 0108001093		-367		G S	
SUSAP K33NK6FP27	P 030RW27 K6PGGY M	031TF				26540026		00073		-367		G S	
SUSAP K33NK6FP27	P 040 0 M 010CA					2654		+ 00440				G S	

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52 AIRPORT NAME: DELAWARE AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 27, ORIG JUL -5 2007	SUP:
				AMDT: NONE
				DATED: 

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08520050 + 02000

G	S
G	S

SUSAP K33NK6GRW27 0032322654 N39131009W075353040+0300 00043035030050

SUSAP K33NK6SRW27 K6PG 0 25180017 M

AMDT: NONE
DATED: A

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BLARE	BLARE	010		IF		FB				
	BLARE	OJAWU	020	IAF	TF		FB	2.0	126.7 (115T)	008.5	03000
	BLARE	SOPHY	030		TF		FB	1.0	175.7 (164T)	005.0	03000
	BRIEF	BRIEF	010		IF		FB				
	BRIEF	OJAWU	020	IAF	TF		FB	2.0	256.9 (245T)	013.4	03000
	BRIEF	SOPHY	030		TF		FB	1.0	175.7 (164T)	005.0	03000
	LEEAH	LEEAH	010		IF		FB				
	LEEAH	UFATU	020	IAF	TF		FB	2.0	284.5 (273T)	010.0	03000
	LEEAH	SOPHY	030		TF		FB	1.0	284.3 (272T)	008.9	03000
	TACKS	TACKS	010		IF		FB				
	TACKS	OJAWU	020	IAF	TF		FB	2.0	091.3 (079T)	021.1	03000
	TACKS	SOPHY	030		TF		FB	1.0	175.7 (164T)	005.0	03000
		SOPHY	010	FACF	IF		FB				03000
		OZIGY	020	FAF	TF		FB	0.5	265.5 (254T)	006.2	02100
		JUNVI	021	SDF	TF		FB	0.3	265.4 (253T)	002.6	01080
		RW27	030	MAP	TF		FO	0.3	265.4 (253T)	002.6	00073

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	265.4 (253T)		00440
	ZIZZO	050		DF		FO	1.0			02000
	ZIZZO	060		HM	R	FO	2.0	085.2 (073T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLARE	N392446.50	W0753310.10	N3924.775	W07533.168
	BRIEF	N392655.21	W0750739.69	N3926.920	W07507.662
	JUNVI	N391354.76	W0753218.04	N3913.913	W07532.301
	LEEAH	N391539.27	W0745711.01	N3915.655	W07457.184
	OJAWU	N392113.99	W0752314.93	N3921.233	W07523.249
	OZIGY	N391439.34	W0752905.62	N3914.656	W07529.094
	SOPHY	N391625.29	W0752126.48	N3916.422	W07521.441
	TACKS	N391721.99	W0754957.67	N3917.367	W07549.961
	UFATU	N391604.31	W0751002.49	N3916.072	W07510.042
	ZIZZO	N390950.77	W0754943.74	N3909.846	W07549.729
	RW27	N391310.09	W0753530.40	N3913.168	W07535.507

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 27, ORIG JUL -5 2007	SUP:
	AIRPORT NAME: DELAWARE AIRPARK			AMDT: NONE
	DATED:			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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RW27 00043 30

CITY AND STATE
DOVER/CHESWOLD, DE

ELEVATION: 56 TDZE: 52
AIRPORT NAME:
DELAWARE AIRPARK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 27, ORIG
JUL -5 2007

SUP:
AMDT: NONE
DATED: 

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A											
CATEGORY				A				B					C			
				MDA	VIS	HAT/HAA		MDA	VIS	HAT/HAA			MDA	VIS	HAT/HAA	

NOTES:

PROCEDURE CANCELED EFFECTIVE _____

JUL 5 2007

CITY AND STATE
DOVER/CHESWOLD, DEELEVATION: 56 TDZE: 52
AIRPORT NAME:
DELAWARE AIRPARKFACILITY
IDENTIFIER:
GPSPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
GPS RWY 9, AMDT 1, 12/30/1999

JUL -5 2007

SUP

AMDT ORIG-A

DATE 05/28/1999



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW27 CLIMB TO 2000 DIRECT ZIZZO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.22 INBOUND. CHART FAS OBST: 159 TREE 391331N/0753548W CHART 200 CELL TOWER 391358N/0753154W. OZIGY TO RW27: 3.67/30.
BLARE	OJAWU (FB)	126.66 / 8.47	3000	
BRIEF	OJAWU (FB)	256.90 / 13.35	3000	
TACKS	OJAWU (FB)	091.30 / 21.09	3000	
LEEAH	UFATU (FB)	284.46 / 10.00	3000	
OJAWU (IAF)	SOPHY (FB)	175.72 / 5.01	3000	
UFATU (IAF)	SOPHY (FB)	284.32 / 8.86	3000	
SOPHY (IF)	OZIGY (FB)	265.51 / 6.20	2100	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT SOPHY
3. FAC: 265.43 FAF: OZIGY DIST FAF TO MAP: 5.20 THLD: 5.20
4. MIN. ALT: SOPHY 3000, OZIGY 2100, JUNVI/2.60 NM TO RW27 1080
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: RW27 1700

MAG VAR: 12W

EPOCH YEAR: 1995

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	☒									
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	440	1	388	440	1	388	440	1	388		NA				
CIRCLING	580	1	524	580	1	524	820	2 1/4	764		NA				

NOTES:
 CHART NOTE: USE DOVER AFB ALTIMETER SETTING.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLARE VIA V29 NORTHBOUND.
 SEE 8260-10

CITY AND STATE DOVER/CHESWOLD, DE	ELEVATION: 56 TDZE: 52 AIRPORT NAME: DELAWARE AIRPARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 27, ORIG JUL -5 2007	SUP: AMDT: NONE DATED



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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:		STANDARD		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

NOTES:

PROCEDURE CANCELED EFFECTIVE JUL -5 2007

CITY AND STATE

DOVER/CHESWOLD, DE

ELEVATION: 56

TDZE: 52

AIRPORT NAME:

DELAWARE AIRPARK

FACILITY

IDENTIFIER:

GPS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

GPS RWY 27, AMDT 1, 12/30/1999

SUP

AMDT

ORIG-A

DATE

05/28/1998 A

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 2000 DIRECT WENDS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 355.01 INBOUND. CHART FAS OBST: 257 2 TWRS 393231N/0754326W CHART FAS OBST: 296 TOWER 393404N/0754350W WAAS CHANNEL # 49002 REFERENCE PATH ID: W17A DISTANCE TO THLD FROM 538 HAT: 1.31 NM								
CURVY	OGHUF (FB)	078.57 / 6.65	2000									
DQO VORTAC	ASIGY (FB)	310.87 / 3.61	2000									
ASIGY (IAF)	EPKAW (FB)	267.37 / 5.01	2000									
OGHUF (IAF)	EPKAW (FB)	082.57 / 5.00	2000									
EPKAW (IF)	BRLSN (FB)	174.93 / 6.00	1700									
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT EPKAW 3. FAC: <u>174.96</u> FAF: <u>BRLSN</u> DIST FAF TO MAP: <u>4.20</u> THLD: <u>4.20</u> 4. MIN. ALT: EPKAW 2000, BRLSN 1700 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>BRLSN</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.50</u> TCH: <u>56.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW17 2100</u>				MAG VAR: 10W EPOCH YEAR: 1980								
MINIMUMS												
TAKEOFF:	STANDARD	X	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
LPV DA	608	1 3/4	538	608	1 3/4	538		NA				
LNAV/VNAV DA	619	1 3/4	549	619	1 3/4	549		NA				
LNAV MDA	600	1	530	600	1	530		NA				
CIRCLING	660	1	590	660	1	590		NA				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WILMINGTON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 97C (206F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 70 TDZE: 70		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP:				
MIDDLETOWN, DE		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17, AMDT 1A		AMDT: 1				
		SUMMIT				JUL - 5 2007		DATED 05/10/2007				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART PROFILE NOTE: VGSi AND RNAV GLIDE PATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DQO VORTAC ON AIRWAY RADIALS 271 CW 358.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON ALTIMETER SETTING AND INCREASE

ALL DAS/MDAS 40 FEET.

CITY AND STATE

MIDDLETOWN, DE

ELEVATION: 70 TDZE: 70

AIRPORT NAME:

SUMMIT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 17, AMDT 1A

JUL - 5 2007

SUP:

AMDT: 1

DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEYV
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	393134.8200N
LTP/FTP LONGITUDE	0754320.9825W
LTP/FTP ELLIPSOIDAL HEIGHT	-00135
FPAP LATITUDE	393008.6900N
FPAP LONGITUDE	0754251.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

EF14481F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00198
FPAP ORTHOMETRIC HEIGHT	+00198

CITY AND STATE
MIDDLETOWN, DE

ELEVATION: 70 TDZE: 70
AIRPORT NAME:
SUMMIT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 17, AMDT 1A
JUL - 5 2007

SUP:
AMDT: 1
DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC PACKET - 424-17[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEVYK6FR17	ACURVY	010CURVYK6EA0E	IF							18000		A JS	
SUSAP KEVYK6FR17	ACURVY	020OGHUPK6EA0E	A 020TF			07860067		+ 02000				A JS	
SUSAP KEVYK6FR17	ACURVY	030EPKAWK6EA0EE	010TF			08260050		+ 02000				A JS	
SUSAP KEVYK6FR17	ADQO	010DQO K6D 0V	IF							18000		A JS	
SUSAP KEVYK6FR17	ADQO	020ASIGYK6EA0E	A 020TF			31090036		+ 02000				A JS	
SUSAP KEVYK6FR17	ADQO	030EPKAWK6EA0EE	010TF			26740050		+ 02000				A JS	
SUSAP KEVYK6FR17	R	010EPKAWK6EA0E	I IF					+ 02000		18000		A JS	
SUSAP KEVYK6FR17	R	020BRLSNK6EA0E	F 051TF			17490060		+ 01700			RW17 K6PGA	JS	
SUSAP KEVYK6FR17	R	030RW17 K6PGOGY	M 031TF			17500042		00121		-350		A JS	
SUSAP KEVYK6FR17	R	040WENDSK6EA0EYM	010DF					+ 02000				A JS	
SUSAP KEVYK6FR17	R	050WENDSK6EA0EE	HL020HM			35500050		+ 02000				A JS	

[illegible]

CITY AND STATE
MIDDLETOWN, DE

ELEVATION: 70	TDZE: 70
AIRPORT NAME:	
SUMMIT	

FACILITY
IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 17, AMDT 1A
JUL - 5 2007

SUP:

AMDT: 1

DATED: 05/10/2007

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.

[illegible]

SUP:
AMDT: 1
DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CURVY	CURVY	010		IF		FB				
	CURVY	OGHUF	020	IAF	TF		FB	2.0	078.6 (069T)	006.7	02000
	CURVY	EPKAW	030		TF		FB	1.0	082.6 (073T)	005.0	02000
	DQO	DQO	010		IF		FB				
	DQO	ASIGY	020	IAF	TF		FB	2.0	310.9 (301T)	003.6	02000
	DQO	EPKAW	030		TF		FB	1.0	267.4 (257T)	005.0	02000
		EPKAW	010	FACF	IF		FB				02000
		BRLSN	020	FAF	TF		FB	0.5	174.9 (165T)	006.0	01700
		RW17	030	MAP	TF		FO	0.3	175.0 (165T)	004.2	00121

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WENDS	040		DF		FO	1.0			02000
	WENDS	050		HM	L	FO	2.0	355.0 (345T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DQO	N394041.33	W0753625.53	N3940.689	W07536.426
	ASIGY	N394232.53	W0754026.57	N3942.542	W07540.443
	BRLSN	N393538.61	W0754445.59	N3935.644	W07544.760
	CURVY	N393731.21	W0760058.01	N3937.520	W07600.967
	EPKAW	N394126.54	W0754646.65	N3941.442	W07546.778
	OGHUF	N393956.81	W0755257.21	N3939.947	W07552.954
	WENDS	N392019.38	W0753927.40	N3920.323	W07539.457
	RW17	N393134.82	W0754320.98	N3931.580	W07543.350

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00065	56

CITY AND STATE
MIDDLETOWN, DE

ELEVATION: 70 TDZE: 70
 AIRPORT NAME:
 SUMMIT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 17, AMDT 1A
 JUL -5 2007

SUP:
 AMDT: 1
 DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC 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					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 4.34 MILES AFTER OCCUR INT. CLIMB TO 1700 VIA I-DAB W COURSE TO TOMOK INT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 070.22 INBOUND. CHART FAS OBST: 198 TOWER 291153N/0810138W CHART OMN R-342 AT JODAB, OMN R-068 AT CUKNU, OMN R-161 AT MIKBE. CHART: ASR. BANNR TO RW25R: 2.87/53											
OMN VORTAC	CUKNU/OMN 15.00 DME	068.00 / 15.00	2700												
JODAB/OMN 15.00 DME CW (IAF)	CUKNU	15.00 DME ARC	2800												
CUKNU CW (IAF)	RINEE INT	15.00 DME ARC (OMN LR-089)	2700												
MIKBE/OMN 18.00 DME CCW (IAF)	WISPO INT	18.00 DME ARC (OMN LR-098)	2800												
WISPO	RINEE	250.23 / 3.42 (I-DAB)	2700												
RINEE	OCCUR INT	250.23 / 7.62 (I-DAB)	1600												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WISPO 3. <u>FAC 250.23</u> FAF OCCUR _____ DIST FAF TO MAP <u>4.34</u> THLD <u>5.04</u> 4. MIN. ALT <u>WISPO 2800, RINEE 2700, OCCUR 1600, BANNR INT/RADAR 1000</u> 8. MSA FROM: OMN VORTAC 2800					MAG VAR: 5W EPOCH YEAR: 05										
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD#						
CATEGORY $\Rightarrow$	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-25R	440	1	406	440	1	406	440	1 1/4	406	440	1 1/4	406			
CIRCLING	540	1	506	540	1	506	540	1 1/2	506	620	2	586			
NOTES: #NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTES: VGSI AND DESCENT ANGLES NOT COINCIDENT. DISREGARD GLIDESLOPE INDICATIONS. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORMOND BEACH ALTIMETER SETTING AND INCREASE ALL MDAs 20 FEET.															
CITY AND STATE		ELEVATION: 34 TDZE: 34		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP					
DAYTONA BEACH, FL		DAYTONA BEACH INTL		I-DAB		JUL 5 2007 LOC BC RWY 25R, AMDT 16				AMDT 15					
										DATE 12/25/2003					

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PINTS	SOKIE (FB)	159.83 / 20.37	3000
CORFU	PONTY (FB)	260.36 / 12.18	2300
PONTY (IAF)	LENPE (FB)	328.12 / 5.00	2000
SOKIE (IAF)	LENPE (FB)	148.08 / 5.00	2000
LENPE (IF)	CELBO (FB)	058.03 / 6.00	1500

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 2300 DIRECT GALVE AND VIA 121.69 TRACK TO RUTHY
AND RIGHT TURN VIA 213.13 TRACK TO CORFU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 322.39 INBOUND.
CHART FAS OBST: 104 TREE 263104N/0814643W
CHART FAS OBST: 130 TOWER 262932N/0814831W
CHART VDP AT 1.13 MILES TO RW06* *LNAV ONLY.
WAAS CHANNEL # 65619
REFERENCE PATH ID: W06A
CHART 510 TOWER 263020N/0815108W
CHART: ASR
DISTANCE TO THLD FROM 303 HAT: 0.78 NM

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT LENPE
3. FAC: 058.07 FAF: CELBO DIST FAF TO MAP: 4.40 THLD: 4.40
4. MIN. ALT: LENPE 2000, CELBO 1500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1500 GS ALT AT: OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
8. MSA FROM: RW06 2600

MAG VAR: 4W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	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	330	2400	303	330	2400	303	330	2400	303	330	2400	303			
LNAV/VNAV DA	380	4000	353	380	4000	353	380	4000	353	380	4000	353			
LNAV MDA	440	2400	413	440	2400	413	440	4000	413	440	5000	413			
CIRCLING	500	1	470	500	1	470	500	1 1/2	470	580	2	550			

NOTES:
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 NOTES: FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY TO RVR 5000, AND LNAV CAT D VISIBILITY TO RVR 6000.

CITY AND STATE FORT MYERS, FL	ELEVATION: 30 TDZE: 27 AIRPORT NAME: SOUTHWEST FLORIDA INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 6, AMDT 1B JUL 5 2007	SUP: AMDT: 1A DATED 09/11/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRSW
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	263135.3465N
LTP/FTP LONGITUDE	0814612.0690W
LTP/FTP ELLIPSOIDAL HEIGHT	-00161
FPAP LATITUDE	263245.0200N
FPAP LONGITUDE	0814425.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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)	50.0

CRC REMAINDER 3678C57F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00081
FPAP ORTHOMETRIC HEIGHT	+00081

CITY AND STATE
FORT MYERS, FL

ELEVATION: 30 TDZE: 27
AIRPORT NAME:
SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 6, AMDT 1B
JUL 5 2007

SUP:
AMDT: 1A
DATED: 09-11-2005

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.

[illegible]

DATED: 09-11-2005

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.

[illegible]

SUP:	
AMDT:	1A
DATED:	09-11-2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CORFU	CORFU	010		IF		FB				
	CORFU	PONTY	020	IAF	TF		FB	2.0	260.4 (256T)	012.2	02300
	CORFU	LENPE	030		TF		FB	1.0	328.1 (324T)	005.0	02000
	PINTS	PINTS	010		IF		FB				
	PINTS	SOKIE	020	IAF	TF		FB	2.0	159.8 (156T)	020.4	03000
	PINTS	LENPE	030		TF		FB	1.0	148.1 (144T)	005.0	02000
		LENPE	010	FACF	IF		FB				02000
		CELBO	020	FAF	TF		FB	0.5	058.0 (054T)	006.0	01500
		RW06	030	MAP	TF		FO	0.3	058.1 (054T)	004.4	00082

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GALVE	040		DF		FB	1.0			
	RUTHY	050		TF		FB	1.0	121.7 (118T)		
	CORFU	060		TF	R	FO	1.0	213.1 (209T)		02300
	CORFU	070		HM	R	FO	2.0	322.4 (318T)	004.0	02300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CELBO	N262900.18	W0815010.19	N2629.003	W08150.170
	CORFU	N262417.85	W0813908.49	N2624.298	W08139.142
	GALVE	N263345.96	W0814251.59	N2633.766	W08142.860
	LENPE	N262528.07	W0815535.12	N2625.468	W08155.585
	PINTS	N264810.41	W0820809.09	N2648.174	W08208.152
	PONTY	N262124.31	W0815219.28	N2621.405	W08152.321
	RUTHY	N263015.84	W0813526.97	N2630.264	W08135.450
	SOKIE	N262931.76	W0815851.19	N2629.529	W08158.853
	RW06	N263135.35	W0814612.07	N2631.589	W08146.201

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00027	55

CITY AND STATE
FORT MYERS, FL

ELEVATION: 30 TDZE: 27
 AIRPORT NAME:
 SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 6, AMDT 1B
 JUL 5 2007

SUP:
 AMDT: 1A
 DATED: 09-11-2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VASES	ODERY (FB)	152.91 / 6.50	2500
CORFU	NABAC (FB)	036.34 / 12.39	2300
ODERY (IAF)	RODDE (FB)	148.17 / 5.00	2000
NABAC (IAF)	RODDE (FB)	328.21 / 5.00	2000
LBV VORTAC (IAF)	RODDE (FB)	227.74 / 14.94	2000
RODDE (IF)	OMOKY (FB)	238.19 / 6.00	1500

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 2300 DIRECT HASBO AND LEFT TURN VIA 118.73
TRACK TO CORFU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 322.39 INBOUND.
CHART FAS OBST: 115 TREE 263256N/0814352W
CHART FAS OBST: 274 TWR 263357N/0814203W
CHART VDP AT 1.50 MILES TO RW24* *LNAV ONLY.
WAAS CHANNEL # 70319
REFERENCE PATH ID: W24A
CHART: ASR
DISTANCE TO THLD FROM 250 HAT: 0.62 NM

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT RODDE
3. FAC: 238.15 FAF: OMOKY DIST FAF TO MAP: 4.40 THLD: 4.40
4. MIN. ALT: RODDE 2000, OMOKY 1500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1500 GS ALT AT: OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS CLEAR
8. MSA FROM: RW24 2600

MAG VAR: 4W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	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	280	3/4	250	280	3/4	250	280	3/4	250	280	3/4	250			
LNAV/VNAV DA	420	1 1/4	390	420	1 1/4	390	420	1 1/4	390	420	1 1/4	390			
LNAV MDA	580	1	550	580	1	550	580	1 1/2	550	580	1 3/4	550			
CIRCLING	580	1	550	580	1	550	580	1 1/2	550	580	2	550			

NOTES:
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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE
FORT MYERS, FL

ELEVATION: 30 TDZE: 30
AIRPORT NAME:
SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 24, AMDT 1B
JUL 5 2007

SUP:
AMDT: 1A
DATED 09/11/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRSW
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	263245.0235N
LTP/FTP LONGITUDE	0814425.0345W
LTP/FTP ELLIPSOIDAL HEIGHT	-00152
FPAP LATITUDE	263135.3500N
FPAP LONGITUDE	0814612.0700W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
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)	50.0

<u>CRC REMAINDER</u>	B6966126

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00091
FPAP ORTHOMETRIC HEIGHT	+00091

CITY AND STATE
FORT MYERS, FL

ELEVATION: 30 TDZE: 30
AIRPORT NAME:
SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 24, AMDT 1B
JUL 5 2007

SUP:	
AMDT:	1A
DATED:	09-11-2006



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.

[illegible]

CITY AND STATE FORT MYERS, FL	ELEVATION: 30 TDZE: 30 AIRPORT NAME: SOUTHWEST FLORIDA INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 24, AMDT 1B JUL 5 2007	SUP:
				AMDT: 1A
				DATED: 09-11-2008



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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

SUP:	
AMDT:	1A
DATED:	09-11-2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CORFU	CORFU	010		IF		FB				
	CORFU	NABAC	020	IAF	TF		FB	2.0	036.3 (032T)	012.4	02300
	CORFU	RODDE	030		TF		FB	1.0	328.2 (324T)	005.0	02000
	LBV	LBV	010	IAF	IF		FB				
	LBV	RODDE	020		TF		FB	1.0	227.7 (224T)	014.9	02000
	VASES	VASES	010		IF		FB				
	VASES	ODERY	020	IAF	TF		FB	2.0	152.9 (149T)	006.5	02500
	VASES	RODDE	030		TF		FB	1.0	148.2 (144T)	005.0	02000
		RODDE	010	FACF	IF		FB				02000
		OMOKY	020	FAF	TF		FB	0.5	238.2 (234T)	006.0	01500
		RW24	030	MAP	TF		FO	0.3	238.2 (234T)	004.4	00082

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HASBO	040		DF		FB	1.0			
	CORFU	050		TF	L	FO	1.0	118.7 (115T)		02300
	CORFU	060		HM	R	FO	2.0	322.4 (318T)	004.0	02300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBV	N264941.43	W0812329.17	N2649.691	W08123.486
	CORFU	N262417.85	W0813908.49	N2624.298	W08139.142
	HASBO	N262855.66	W0815017.20	N2628.928	W08150.287
	NABAC	N263447.46	W0813144.96	N2634.791	W08131.749
	ODERY	N264255.45	W0813816.77	N2642.924	W08138.280
	OMOKY	N263520.00	W0814026.64	N2635.333	W08140.444
	RODDE	N263851.49	W0813500.75	N2638.858	W08135.013
	VASES	N264830.41	W0814201.65	N2648.507	W08142.028
	RW24	N263245.02	W0814425.03	N2632.750	W08144.417

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW24	00030	52

CITY AND STATE
FORT MYERS, FL

ELEVATION: 30 TDZE: 30
 AIRPORT NAME:
 SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
 RNAV (GPS) RWY 24, AMDT 1B
 JUL 5 2007

SUP:
 AMDT: 1A
 DATED: 09-11-2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

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: ☐	STANDARD ☐	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	

NOTES: JUL 5 2007

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE FORT MYERS, FL	ELEVATION: 30 TDZE: 30 AIRPORT NAME: SOUTHWEST FLORIDA INTL	FACILITY IDENTIFIER: RSW	PROCEDURE NO. / AMDT NO.: VOR/DME OR TACAN RWY 23, ORIG	SUP AMDT NONE DATE



FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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:

[illegible]

NOTES:

PROCEDURE CANCELED EFFECTIVE

JUL 5 2007

CITY AND STATE FORT MYERS, FL	ELEVATION: 30 AIRPORT NAME: SOUTHWEST FLORIDA INTL	TDZE: 28 FACILITY IDENTIFIER: RS	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: NDB RWY 5, ORIG, 08/03/2006	SUP	
				AMDT	NONE
				DATE	



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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: _____ STANDARD _____ 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

NOTES:

PROCEDURE CANCELED EFFECTIVE JUL 5 2007

CITY AND STATE

FORT MYERS, FL

ELEVATION: 30

TDZE: 28

AIRPORT NAME:

SOUTHWEST FLORIDA INTL

FACILITY
IDENTIFIER:
I-RSW

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC RWY 5, ORIG, 12/21/2006

SUP

AMDT

NONE

DATE



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 5, 23, 9L, 9R, 27L, 27R STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, MULTIPLE TREES BEGINNING 1584' FROM DER, 222' LEFT OF CENTERLINE, UP TO 43' AGL/64' MSL.

NOTE: RWY 23, BUSH 20' FROM DER, 217' RIGHT OF CENTERLINE, 8' AGL/33' MSL, TOWER 6034' FROM DER, 750' RIGHT OF CENTERLINE, 152' AGL/177' MSL. MULTIPLE TREES BEGINNING 284' FROM DER, 121' LEFT OF CENTERLINE, UP TO 47' AGL/72' MSL.

NOTE: RWY 9L, TREE 108' FROM DER, 479' LEFT OF CENTERLINE, 25' AGL/62' MSL.

NOTE: RWY 9R, MULTIPLE TREES 1855' FROM DER, 434' LEFT OF CENTERLINE, UP TO 43' AGL/73' MSL. TREE 1332' FROM DER, 434' RIGHT OF CENTERLINE, 36' AGL/56' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MELBOURNE, FL

(6) Airport

MELBOURNE INTL

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

1



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL..
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elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in
statute miles or in feet RVR.

NOTE: RWY 27R, MULTIPLE TREES BEGINNING 543' FROM DER, 169' LEFT OF CENTERLINE, UP TO 51' AGL/81' MSL. MULTIPLE TREES BEGINNING 1202' FROM DER, 114' RIGHT OF CENTERLINE, UP TO 58' AGL/88' MSL.

City, State MELBOURNE, FL		Airport MELBOURNE INTL		Effective Date JUL 5 2007	Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SRQ VORTAC	CWBIL (FB)	318.44 / 16.78	2000	LNAV: YOUNG CLIMBING LEFT TURN TO 2000 DIRECT PHIEL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 062.03 INBOUND. CHART FAS OBST: 303 BLDG 274615N/0823818W TONYJ TO RW06: 3.04/40
PIE VORTAC	LOYIL (FB)	224.22 / 12.74	2000	
CWBIL (IAF)	PHIEL (FB)	332.05 / 5.00	2000	
LOYIL (IAF)	PHIEL (FB)	152.01 / 5.00	2000	
PHIEL (IF)	TONYJ (FB)	062.03 / 6.05	1500	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT PHIEL
3. FAC: 062.08 FAF: TONYJ DIST FAF TO MAP: 3.65 THLD: 4.50
4. MIN. ALT: PHIEL 2000, TONYJ 1500
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: YOUNG 2700

MAG VAR: 0E EPOCH YEAR: 1975

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: NA	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	600	1	593	600	1	593	600	1 1/2	593		NA				
CIRCLING	720	1	713	720	1	713	720	2	713		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SRQ VORTAC VIA Q100 EASTBOUND.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 7 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 6, ORIG JUL 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.**

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7 TDZE: 7

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 6, ORIG

JUL 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

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00007055840075

[illegible]

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 7 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 6, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PIE	PIE	010		IF		FB				
	PIE	LOYIL	020	IAF	TF		FB	2.0	224.2 (224T)	012.7	02000
	PIE	PHIEL	030		TF		FB	1.0	152.0 (152T)	005.0	02000
	SRQ	SRQ	010		IF		FB				
	SRQ	CWBIL	020	IAF	TF		FB	2.0	318.4 (318T)	016.8	02000
	SRQ	PHIEL	030		TF		FB	1.0	332.1 (332T)	005.0	02000
		PHIEL	010	FACF	IF		FB				02000
		TONYJ	020	FAF	TF		FB	0.5	062.0 (062T)	006.1	01500
		YOUNG	030	MAP	TF		FO	0.3	062.1 (062T)	003.5	00321

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	062.1 (062T)		00407
	PHIEL	050		DF	L	FO	1.0			02000
	PHIEL	060		HM	R	FO	2.0	062.0 (062T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	SRQ	N272351.94	W0823315.37	N2723.866	W08233.256
	CWBIL	N273626.98	W0824547.39	N2736.450	W08245.790
	LOYIL	N274518.36	W0825104.37	N2745.306	W08251.073
	PHIEL	N274052.70	W0824825.77	N2740.878	W08248.430
	TONYJ	N274343.19	W0824224.73	N2743.720	W08242.412
	YOUNG	N274525.93	W0823846.73	N2745.432	W08238.779
	RW06	N274550.02	W0823755.57	N2745.834	W08237.926

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00007	40

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7

TDZE: 7

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 6, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: PICOL
PIE VORTAC (IF/IAF)	KENVE (FB)	152.97 / 5.39	1200	
				CLIMBING RIGHT TURN TO 2000 DIRECT PIE VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 365 BLDG 274631N/0823759W CHART VDP AT 1.02 MILES TO PICOL. KENVE TO RW18: 3.03/37

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NWPIE VORTAC RT, 152.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 166.90 FAF: KENVE DIST FAF TO MAP: 3.12 THLD: 3.60
- MIN. ALT: PIE VORTAC 2000, KENVE 1200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: PICOL 2700

MAG VAR: 0E

EPOCH YEAR: 1975

MINIMUMS

TAKEOFF:		STANDARD	X	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	680	1	674	680	1	674		NA			NA				
CIRCLING	720	1	713	720	1	713		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 6 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**ALL MDAS 40 FEET.****CHART NOTE: VDP NA WITH TAMPA INTL ALTIMETER SETTING.****CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 330 CW 061.****CITY AND STATE****ST PETERSBURG, FL****ELEVATION: 7 TDZE: 6****AIRPORT NAME:****ALBERT WHITTED****FACILITY
IDENTIFIER:
RNAV****PROCEDURE NO./AMDT NO.:****RNAV (GPS) RWY 18, ORIG****JUL 5 2007****SUP:****AMDT: NONE****DATED:**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
JRGAL (IF/IAF)	WHITD (FB)	348.23 / 5.30	1600	LNAV: BENWA
				CLIMBING RIGHT TURN TO 2000 DIRECT JRGAL AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 200 SHIP 274533N/0823729W WHITD TO RW36: 3.04/40

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S JRGAL, RT, 348.23 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 359.64 FAF: WHITD DIST FAF TO MAP: 3.96 THLD: 4.82
- MIN. ALT: JRGAL 2000, WHITD 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: BENWA 2800

MAG VAR: 0E

EPOCH YEAR: 1975

MINIMUMS																
TAKEOFF:	STANDARD	X	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	500	1	494	500	1	494		NA			NA					
CIRCLING	720	1	713	720	1	713		NA			NA					

NOTES:
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
SEE 8260-10

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 6 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT.****CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JRGAL VIA V579 NORTHBOUND.**

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 36, ORIG

JUL 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 6 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		JRGAL	010	FACF	IF		FB				
		WHITD	020	FAF	TF		FB	0.5	348.2 (348T)	005.3	01600
		BENWA	030	MAP	TF		FO	0.3	359.6 (360T)	004.0	00322

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	359.6 (360T)		00407
	JRGAL	050		DF	R	FO	1.0			02000
	JRGAL	060		HM	R	FO	2.0	348.2 (348T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BENWA	N274446.75	W0823729.13	N2744.779	W08237.486
	JRGAL	N273536.08	W0823614.35	N2735.601	W08236.239
	WHITD	N274048.52	W0823727.45	N2740.809	W08237.458
	RW36	N274538.24	W0823729.49	N2745.637	W08237.492

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00005	40

CITY AND STATE
ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6
 AIRPORT NAME:
 ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 36, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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
PIE VORTAC (IF/IAF)	JACKT INT/5.00 DME	158.00 / 5.00	1300

MISSED APPROACH

MAP: 3.91 MILES AFTER JACKT INT/PIE VORTAC 5.00 DME OR AT 8.91 DME FIX

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 1700 DIRECT PIE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 410 BLDG 274614N/0823809W
CHART VDP AT 7.46 DME;
DISTANCE VDP TO THLD 1.45 MILES.
JACKT TO RW18: 3.03/37
FAC CROSSES RWY C/L EXTENDED 601 FROM THLD.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW ST PETERSBURG VORTAC, RT, 150.00 INBOUND, 1700 FT. IN LIEU OF PT (IAF)
3. FAC 158.00 FAF JACKT INT/5.00 DME DIST FAF TO MAP 3.91 THLD 3.91
4. MIN. ALT PIE VORTAC 1700, JACKT 1300
8. MSA FROM: PIE VORTAC 2700

MAG VAR: 1E

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	STANDARD	X	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-18	660	1	654	660	1	654		NA			NA				
CIRCLING	720	1	713	720	1	713		NA			NA				

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

SEE 8260-10

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7	TDZE: 6	FACILITY IDENTIFIER: PIE	PROCEDURE NO./AMDT NO.: VOR RWY 18, AMDT 7 JUL 5 2007	SUP VOR OR GPS RWY
	AIRPORT NAME: ALBERT WHITTED	18			
		AMDT 6B			
		DATE 07/09/1998			

**VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.23**

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NOTES CONT.**CHART NOTE: ADF OR DME REQUIRED.****CHART NOTE: VDP NA WHEN USING TAMPA INTL ALTIMETER SETTING.****CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 330 CW 061.**

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7

TDZE: 6

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:
PIE

PROCEDURE NO./AMDT NO.:

VOR RWY 18, AMDT 7

JUL 5 2007

SUP: VOR OR GPS RWY
18

AMDT: 6B

DATED: 07/09/1998

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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.

(1) TAKEOFF MINIMUMS:

RWY 9, 18L, 18R, 27, 36L, 36R, STANDARD.

(2) DEPARTURE PROCEDURE:

RWY 9 - CLIMB HEADING 093.73 TO 800 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREE 2,225' FROM DER, 464' LEFT OF CENTERLINE, 45' AGL/84' MSL. TOWER 4,214' FROM DER, 265' RIGHT OF CENTERLINE, 105' AGL/145' MSL. **NOTE:** RWY 18L, ANTENNA AND BLDG BEGINNING 3,279' FROM DER, 1,160' LEFT OF CENTERLINE, UP TO 146' AGL/155' MSL.

NOTE: RWY 18R, MULTIPLE TREES BEGINNING 482' FROM DER, 578' RIGHT OF CENTERLINE, UP TO 33' AGL/37' MSL. **NOTE:** RWY 27, BLDG AND ANTENNA BEGINNING 4,354' FROM DER, 1,162' LEFT OF CENTERLINE, UP TO 154' AGL/158' MSL. MULTIPLE TREES BEGINNING 585' FROM DER, 419' RIGHT OF CENTERLINE, UP TO 44' AGL/58' MSL. **NOTE:** RWY 36L, TREE 752' FROM DER, 696' RIGHT OF CENTERLINE, 42' AGL/66' MSL.

(4) CONTROLLING OBSTACLES:

RWY 9: 625 MSL BLDG 275647.00N/0822732.00W.

(5) City, State

TAMPA, FL

(6) Airport

TAMPA INTL

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

7



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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
ELMOE INT/PZD 22.19 DME	ABY NDB	014.57 / 10.47	2000
SALER INT/PZD 20.00 DME	ABY NDB	317.39 / 9.34	2000
SHANY INT/PZD 15.00 DME	ABY NDB	142.26 / 23.01	2000
PZD VORTAC	ABY NDB	177.83 / 11.95	2000

MISSED APPROACH

5.89 MILES AFTER ABY NDB
CLIMBING LEFT TURN TO 2000 DIRECT PZD VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 145.00 INBOUND.
CHART FAS OBST: 319 TREE 312916N/0841542W
ABY NDB TO RW04: 2.80/55.

1. PT R SIDE OF COURSE 223.71 OUTBOUND 2000 FT WITHIN 10 MILES OF ABY NDB (IAF)

2. _____

3. FAC 043.71 FAF ABY NDB DIST FAF TO MAP 5.89 THLD 5.894. MIN. ALT ABY NDB 20008. MSA FROM: ABY NDB 2600

MAG VAR: 2W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	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-4		620	4000	424	620	4000	424	620	4000	424	620	5000	424			
CIRCLING		640	1	443	660	1	463	800	1 3/4	603	940	2 1/2	743			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOULTRIE ALTIMETER SETTING AND INCREASE ALL MDAS 100 FT.

@ CAT D 800-2 1/2

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE
ALBANY, GA

ELEVATION: 197 TDZE: 196
AIRPORT NAME:
SOUTHWEST GEORGIA REGIONAL

FACILITY
IDENTIFIER:
ABY

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
NDB RWY 4, AMDT 12

JUL 5 2007

SUP NDB OR GPS RWY
04
AMDT 11A
DATE 08/13/1994

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ENSOR	GOLGE (FB)	240.04 / 25.09	4000	LNAV: RW09
MIKEE	TISUC (FB)	032.70 / 8.13	4000	
CARAN (IAF)	UPHAH (NOPT) (FB)	083.19 / 15.93	3000	CLIMB TO 3100 DIRECT OVPEW AND HOLD.
GOLGE (IAF)	UPHAH (NOPT) (FB)	182.65 / 5.00	3000	
TISUC (IAF)	UPHAH (NOPT) (FB)	002.65 / 5.00	3000	
UPHAH (IF/IAF)	OVEHE (FB)	092.65 / 6.53	2700	ADDITIONAL FLIGHT DATA: HOLD E, RT, 272.92 INBOUND. CHART FAS OBST: 1290 TOWER 340136N/0843806W OVEHE TO RW09: 3.05/46. CHART VDP AT 1.14 MILES TO RW09.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W UPHAH, LT, 092.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 092.72 FAF: OVEHE DIST FAF TO MAP: 5.03 THLD: 5.03
- MIN. ALT: UPHAH 3000, OVEHE 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW09 4200

MAG VAR: 4W

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF:	STANDARD	X	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
LNAV MDA	1560	1	520	1560	1	520	1560	1 1/2	520	1560	1 3/4	520			
CIRCLING	1780	1	740	1780	1	740	1780	2	740	2220	3	1180			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARAN VIA V325 WESTBOUND AND ARRIVALS AT ENSOR VIA V97 NORTHBOUND.
 SEE 8260-10

CITY AND STATE ATLANTA, GA	ELEVATION: 1040 TDZE: 1040 AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 9, AMDT 2 JUL 5 2007	SUP: AMDT: 1 DATED 03/17/2005

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**CHART PROFILE NOTE: VGSJ AND DESCENT ANGLES NOT COINCIDENT.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD-JACKSON ATLANTA INTL
ALTIMETER SETTING AND INCREASE ALL MDAS 60 FT. CHART NOTE: VDP NA WITH HARTSFIELD-JACKSON
ATLANTA INTL ALTIMETER SETTING.**

CITY AND STATE

ATLANTA, GA

ELEVATION: 1040 TDZE: 1040

AIRPORT NAME:

COBB COUNTY-MC COLLUM FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 9, AMDT 2

JUL 5 2007

SUP:

AMDT: 1

DATED: 03/17/2005

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.

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRYK7FP09	ACARAN	010CARANK7EA0E	A	IF					18000		G	S
SUSAP	KRYK7FP09	ACARAN	020UPHAHK7EA0EE		010TF		08320159		+ 03000			G	S
SUSAP	KRYK7FP09	AENSOR	010ENSORK7EA0E		IF					18000		G	S
SUSAP	KRYK7FP09	AENSOR	020GOLGEK7EA0E	A	020TF		24000251		+ 04000			G	S
SUSAP	KRYK7FP09	AENSOR	030UPHAHK7EA0EE		010TF		18270050		+ 03000			G	S
SUSAP	KRYK7FP09	AMIKEE	010MIKEEK7EA0E		IF					18000		G	S
SUSAP	KRYK7FP09	AMIKEE	020TISUCK7EA0E	A	020TF		03270081		+ 04000			G	S
SUSAP	KRYK7FP09	AMIKEE	030UPHAHK7EA0EE		010TF		00270050		+ 03000			G	S
SUSAP	KRYK7FP09	AUPHAH	010UPHAHK7EA0EE	CL	HF		09270050		+ 03000	18000		G	S
SUSAP	KRYK7FP09	P	010UPHAHK7EA0E	I	IF				+ 03000	18000		G	S
SUSAP	KRYK7FP09	P	020OVEHEK7EA0E	F	051TF		09270065		+ 02700		RW09	K7PGG	S
SUSAP	KRYK7FP09	P	030RW09	K7PGOGY	M	031TF	09270050		01074	-305		G	S
SUSAP	KRYK7FP09	P	040		M	010CA	0927		+ 01440			G	S
SUSAP	KRYK7FP09	P	0500VPEWK7EA0EY		010DF				+ 03100			G	S
SUSAP	KRYK7FP09	P	0600VPEWK7EA0EE		HR020HM		27290050		+ 03100			G	S

CITY AND STATE ATLANTA, GA	ELEVATION: 1040 TDZE: 1040 AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 9, AMDT 2 JUL 5 2007	SUP:
				AMDT: 1
				DATED: 03-17-2005

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.

01028107346075

SUSAP KRYK7SRW09 K7PG

0 25180042

M

ELEVATION: 1040	TDZE: 1040
AIRPORT NAME:	
COBB COUNTY-MC COLLUM FIELD	

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 9, AMDT 2
JUL 5 2007

SUP:	
AMDT:	1
DATED:	03-17

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CARAN	CARAN	010	IAF	IF		FB				
	CARAN	UPHAH	020		TF		FB	1.0	083.2 (079T)	015.9	03000
	ENSOR	ENSOR	010		IF		FB				
	ENSOR	GOLGE	020	IAF	TF		FB	2.0	240.0 (236T)	025.1	04000
	ENSOR	UPHAH	030		TF		FB	1.0	182.7 (179T)	005.0	03000
	MIKEE	MIKEE	010		IF		FB				
	MIKEE	TISUC	020	IAF	TF		FB	2.0	032.7 (029T)	008.1	04000
	MIKEE	UPHAH	030		TF		FB	1.0	002.7 (359T)	005.0	03000
	UPHAH	UPHAH	010		HF	L	FB		092.7 (089T)	005.0	03000
		UPHAH	010	FACF	IF		FB				03000
		OVEHE	020	FAF	TF		FB	0.5	092.7 (089T)	006.5	02700
		RW09	030	MAP	TF		FO	0.3	092.7 (089T)	005.0	01074

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	092.7 (089T)		01440
	OVPEW	050		DF		FO	1.0			03100
	OVPEW	060		HM	R	FO	2.0	272.9 (269T)	005.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARAN	N335733.36	W0850857.76	N3357.556	W08508.963
	ENSOR	N341936.74	W0842513.33	N3419.612	W08425.222
	GOLGE	N340531.94	W0845016.56	N3405.532	W08450.276
	MIKEE	N334822.68	W0845440.91	N3348.378	W08454.682
	OVEHE	N340040.47	W0844216.98	N3400.675	W08442.283
	OVPEW	N340103.22	W0842009.12	N3401.054	W08420.152
	TISUC	N335531.04	W0844959.56	N3355.517	W08449.993
	UPHAH	N340031.49	W0845008.05	N3400.525	W08450.134
	RW09	N340047.06	W0843613.89	N3400.784	W08436.232

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW09	01028		46

CITY AND STATE
ATLANTA, GA

ELEVATION: 1040 TDZE: 1040
 AIRPORT NAME:
 COBB COUNTY-MC COLLUM FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 9, AMDT 2
JUL 5 2007

SUP:
 AMDT: 1
 DATED: 03-17-2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NELLO	EDOSY (FB)	175.80 / 12.58	5000	LPV: DA LNAV: RW27
EDOSY	EKACU (FB)	173.41 / 11.61	3000	
EKACU (IAF)	OVPEW (NOPT) (FB)	182.92 / 5.00	3000	CLIMB TO 3000 DIRECT UPHAW AND HOLD.
LOGEN (IAF)	OVPEW (NOPT) (FB)	281.31 / 14.03	3000	
OVPEW (IF/IAF)	AKONE (FB)	272.92 / 6.46	3000	
				ADDITIONAL FLIGHT DATA: HOLD W, LT, 092.65 INBOUND. CHART 1560 TOWER 340221N/0842740W CHART FAS OBST 1359 TREE 340000N/0842934W CHART VDP AT 1.81 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 97308 REFERENCE PATH ID: W27A DISTANCE TO THLD FROM 250 HAT: 0.68 NM

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E OVPEW, RT, 272.92 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 272.85 FAF: AKONE DIST FAF TO MAP: 6.04 THLD: 6.04
- MIN. ALT: OVPEW 3000, AKONE 3000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: AKONE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 43.2 34:1 IS CLEAR
- MSA FROM: RW27 4200

MAG VAR: 4W

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: ☐	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A ☒												
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	1257	1	250	1257	1	250	1257	1	250	1257	1	250			
LNAV MDA	1620	1	613	1620	1	613	1620	1 3/4	613	1620	2	613			
CIRCLING	1780	1	740	1780	1	740	1780	2	740	2220	3	1180			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WHEN USING HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NELLO VIA V97 NORTHBOUND.

CITY AND STATE ATLANTA, GA	ELEVATION: 1040 TDZE: 1007 AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 27, AMDT 2 JUL 5 2007	SUP: AMDT: 1 DATED 03/17/2005



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KRYY
RUNWAY RW27
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W27A
LTP/FTP LATITUDE 340048.1630N
LTP/FTP LONGITUDE 0843511.7570W
LTP/FTP ELLIPSOIDAL HEIGHT +02749
FPAP LATITUDE 340046.8300N
FPAP LONGITUDE 0843626.6400W
THRESHOLD CROSSING HEIGHT (TCH) 00043.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 102.50
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

8A525E79

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +03042
FPAP ORTHOMETRIC HEIGHT +03042

CITY AND STATE

ATLANTA, GA

ELEVATION: 1040 TDZE: 1007

AIRPORT NAME:

COBB COUNTY-MC COLLUM FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 27, AMDT 2

JUL 5 2007

SUP:

AMDT: 1

DATED: 03-17-2005

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRYK7FR27	ALOGEN	010LOGENK7EA0E	A	IF					18000		A	JS
SUSAP	KRYK7FR27	ALOGEN	020OVPEWK7EA0EE		010TF		28130140	+	03000			A	JS
SUSAP	KRYK7FR27	ANELLO	010NELLOK7EA0E		IF					18000		A	JS
SUSAP	KRYK7FR27	ANELLO	020EDOSYK7EA0E		020TF		17580126	+	05000			A	JS
SUSAP	KRYK7FR27	ANELLO	030EKACUK7EA0E	A	020TF		17340116	+	03000			A	JS
SUSAP	KRYK7FR27	ANELLO	040OVPEWK7EA0EE		010TF		18290050	+	03000			A	JS
SUSAP	KRYK7FR27	AOVPEW	010OVPEWK7EA0EE	CR	HF		27290050	+	03000	18000		A	JS
SUSAP	KRYK7FR27	R	010OVPEWK7EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KRYK7FR27	R	020AKONEK7EA0E	F	051TF		27290065	+	03000		RW27	K7PGA	JS
SUSAP	KRYK7FR27	R	030RW27	K7PGOGY	M	031TF	27290060		01041	-300		A	JS
SUSAP	KRYK7FR27	R	040UPHAHK7EA0EYM		010DF			+	03000			A	JS
SUSAP	KRYK7FR27	R	050UPHAHK7EA0EE		HL020HM		09270050	+	03000			A	JS

[illegible][illegible]

CITY AND STATE ATLANTA, GA	ELEVATION: 1040 TDZE: 1007	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 27, AMDT 2 JUL 5 2007	SUP:
	AIRPORT NAME:			AMDT: 1
	COBB COUNTY-MC COLLUM FIELD			DATED: 03-17-2005

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.

[illegible]

CITY AND STATE ATLANTA, GA	ELEVATION: 1040 TDZE: 1007	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 27, AMDT 2 JUL 5 2007	SUP:
	AIRPORT NAME:			AMDT: 1
	COBB COUNTY-MC COLLUM FIELD			DATED: 03-17-2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LOGEN	LOGEN	010	IAF	IF		FB				
	LOGEN	OVPEW	020		TF		FB	1.0	281.3 (277T)	014.0	03000
	NELLO	NELLO	010		IF		FB				
	NELLO	EDOSY	020		TF		FB	2.0	175.8 (172T)	012.6	05000
	NELLO	EKACU	030	IAF	TF		FB	2.0	173.4 (169T)	011.6	03000
	NELLO	OVPEW	040		TF		FB	1.0	182.9 (179T)	005.0	03000
	OVPEW	OVPEW	010		HF	R	FB		272.9 (269T)	005.0	03000
		OVPEW	010	FACF	IF		FB				03000
		AKONE	020	FAF	TF		FB	0.5	272.9 (269T)	006.5	03000
		RW27	030	MAP	TF		FO	0.3	272.9 (269T)	006.0	01041

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UPHAH	040		DF		FO	1.0			03000
	UPHAH	050		HM	L	FO	2.0	092.7 (089T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AKONE	N340055.68	W0842755.57	N3400.928	W08427.926
	EDOSY	N341729.88	W0842250.21	N3417.498	W08422.837
	EKACU	N340603.70	W0842015.93	N3406.062	W08420.266
	LOGEN	N335916.98	W0840324.43	N3359.283	W08403.407
	NELLO	N342958.43	W0842500.24	N3429.974	W08425.004
	OVPEW	N340103.22	W0842009.12	N3401.054	W08420.152
	UPHAH	N340031.49	W0845008.05	N3400.525	W08450.134
	RW27	N340048.16	W0843511.76	N3400.803	W08435.196

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW27	00998	43

CITY AND STATE
ATLANTA, GA

ELEVATION: 1040 TDZE: 1007
 AIRPORT NAME:
 COBB COUNTY-MC COLLUM FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 27, AMDT 2
 JUL 5 2007

SUP:
 AMDT: 1
 DATED: 03-17-2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TUCKR	CADUR (FB)	357.37 / 4.17	4000	LNAB: RW26 CLIMB TO 4000 DIRECT AGAYE AND VIA 277.88 TRACK TO MIKEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 125.36 INBOUND. CHART FAS OBST: 1170 TOWER 334641N/0842739W EYLIM TO RW26: 3.05/50
LOGEN	VAJYO (FB)	248.34 / 13.44	4000	
CADUR (IAF)	OVZET (FB)	271.12 / 21.52	3600	
VAJYO (IAF)	OVZET (FB)	171.82 / 5.00	3600	
OVZET (IF)	EYLIM (FB)	261.83 / 6.10	2600	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT OVZET
- FAC: 261.76 FAF: EYLIM DIST FAF TO MAP: 5.37 THLD: 5.37
- MIN. ALT: OVZET 3600, EYLIM 2600, BACAG/3.40 NM TO RW26 1940
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW26 3100

MAG VAR: 2W EPOCH YEAR: 1985

TAKEOFF:	☐ STANDARD	☒ X	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
LNAB MDA	1480	1	666	1480	1	666	1480	1 3/4	666	1480	2	666			
CIRCLING	1480	1	639	1480	1	639	1480	1 3/4	639	1580	2 1/4	739			

NOTES:
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD JACKSON ATLANTA INTL ALTIMETER
 SETTING AND INCREASE ALL MDAS 60 FEET.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 @ CAT D 800-2 1/4
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ATLANTA, GA	ELEVATION: 841 TDZE: 814 AIRPORT NAME: FULTON COUNTY ARPT-BROWN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 26, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFTYK7FP26	ALOGEN	010LOGENK7EA0E	IF							18000		G	S
SUSAP KFTYK7FP26	ALOGEN	020VAJYOK7EA0E	A 020TF			24830134		+ 04000				G	S
SUSAP KFTYK7FP26	ALOGEN	030OVZETK7EA0EE	010TF			17180050		+ 03600				G	S
SUSAP KFTYK7FP26	ATUCKR	010TUCKRK7EA0E	IF							18000		G	S
SUSAP KFTYK7FP26	ATUCKR	020CADURK7EA0E	A 020TF			35740042		+ 04000				G	S
SUSAP KFTYK7FP26	ATUCKR	030OVZETK7EA0EE	010TF			27110215		+ 03600				G	S
SUSAP KFTYK7FP26	P	010OVZETK7EA0E	I IF							18000		G	S
SUSAP KFTYK7FP26	P	020EYLIMK7EA0E	F 051TF			26180061		+ 02600			RW26 K7PGG	G	S
SUSAP KFTYK7FP26	P	021BACAGK7EA0EYS	031TF			26180020		V 0194001958		-307		G	S
SUSAP KFTYK7FP26	P	030RW26 K7PGOGY	M 031TF			26180034		00864		-307		G	S
SUSAP KFTYK7FP26	P	040	0 M 010CA			2618		+ 01241				G	S
SUSAP KFTYK7FP26	P	050AGAYEK7EA0E	010DF									G	S
SUSAP KFTYK7FP26	P	060MIKEEK7EA0EY	010TF			2779		+ 04000				G	S
SUSAP KFTYK7FP26	P	070MIKEEK7EA0EE	HR020HM			12540050		+ 04000				G	S

[illegible]

CITY AND STATE ATLANTA, GA	ELEVATION: 841 TDZE: 814 AIRPORT NAME: FULTON COUNTY ARPT-BROWN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 26, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:



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[illegible]

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LOGEN	LOGEN	010		IF		FB				
	LOGEN	VAJYO	020	IAF	TF		FB	2.0	248.3 (246T)	013.4	04000
	LOGEN	OVZET	030		TF		FB	1.0	171.8 (170T)	005.0	03600
	TUCKR	TUCKR	010		IF		FB				
	TUCKR	CADUR	020	IAF	TF		FB	2.0	357.4 (355T)	004.2	04000
	TUCKR	OVZET	030		TF		FB	1.0	271.1 (269T)	021.5	03600
		OVZET	010	FACF	IF		FB				03600
	EYLM	020	FAF	TF		FB	0.5	261.8 (260T)	006.1		02600
	BACAG	021	SDF	TF		FO	0.3	261.8 (260T)	002.0		01940
	RW26	030	MAP	TF		FO	0.3	261.8 (260T)	003.4		00864

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	261.8 (260T)		01241
	AGAYE	050		DF		FB	1.0			
	MIKEE	060		TF		FO	1.0	277.9 (276T)		04000
	MIKEE	070		HM	R	FO	2.0	125.4 (123T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGAYE	N334632.57	W0843258.88	N3346.543	W08432.981
	BACAG	N334730.03	W0842639.95	N3347.501	W08426.666
	CADUR	N334918.65	W0835118.44	N3349.311	W08351.307
	EYLM	N334751.06	W0842420.67	N3347.851	W08424.345
	LOGEN	N335916.98	W0840324.43	N3359.283	W08403.407
	MIKEE	N334822.65	W0845440.91	N3348.378	W08454.682
	OVZET	N334856.08	W0841708.11	N3348.935	W08417.135
	TUCKR	N334508.67	W0835054.20	N3345.145	W08350.903
	VAJYO	N335351.90	W0841811.75	N3353.865	W08418.196
	RW26	N334653.55	W0843040.78	N3346.893	W08430.680

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW26	00814		50

CITY AND STATE
ATLANTA, GA

ELEVATION: 841 TDZE: 814
 AIRPORT NAME:
 FULTON COUNTY ARPT-BROWN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
 RNAV (GPS) RWY 26, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW08								
TEMPO	RICCA (FB)	037.68 / 7.58	4000	CLIMB TO 4000 DIRECT DENAC AND LEFT TURN VIA 342.00 TRACK TO EYOB0 AND LEFT TURN VIA 245.60 TRACK TO MIKEE AND HOLD.								
RICCA (IAF)	CAVEB (FB)	081.46 / 5.84	4000									
MIKEE (IAF)	CAVEB (FB)	141.59 / 5.85	4000									
CAVEB (IF)	FABMA (FB)	081.52 / 8.91	3000									
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 125.36 INBOUND. CHART FAS OBST: 1240 TREE 334646N/0843435W WAAS CHANNEL # 65804 REFERENCE PATH ID: W08A DISTANCE TO THLD FROM 427 HAT: 1.21 NM								
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CAVEB 3. FAC: <u>081.62</u> FAF: <u>FABMA</u> DIST FAF TO MAP: <u>6.62</u> THLD: <u>6.62</u> 4. MIN. ALT: <u>CAVEB 4000, FABMA 3000, WUPLA/2.50 NM TO RW08 1640</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>FABMA</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW08 3100</u>							MAG VAR: <u>2W</u> EPOCH YEAR: <u>1985</u>					
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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
LPV DA	1235	1	427	1235	1	427	1235	1	427	1235	1	427
LNAV MDA	1500	1	692	1500	1	692	1500	1 1/2	692	1500	1 3/4	692
CIRCLING	1500	1	659	1500	1	659	1500	2	659	1580	2 1/4	739
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD JACKSON ATLANTA INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. SEE 8260-10												
CITY AND STATE			ELEVATION: 841 TDZE: 808		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:			SUP:		
ATLANTA, GA			AIRPORT NAME:		RNAV		RNAV (GPS) Y RWY 8, ORIG			AMDT: NONE		
			FULTON COUNTY ARPT-BROWN FIELD				JUL 5 2007			DATED		



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TEMPO VIA V18 WESTBOUND**

CITY AND STATE

ATLANTA, GA

ELEVATION: 841 TDZE: 808

AIRPORT NAME:

FULTON COUNTY ARPT-BROWN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 8, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFTY
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	334643.2900N
LTP/FTP LONGITUDE	0843148.3300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02142
FPAP LATITUDE	334659.2500N
FPAP LONGITUDE	0843003.1600W
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	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

AB295E42

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02438
FPAP ORTHOMETRIC HEIGHT	+02438

CITY AND STATE

ATLANTA, GA

ELEVATION: 841 TDZE: 808

AIRPORT NAME:

FULTON COUNTY ARPT-BROWN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 8, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



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[illegible]

CITY AND STATE ATLANTA, GA	ELEVATION: 841 TDZE: 808	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.:	SUP:
	AIRPORT NAME:		RNAV (GPS) Y RWY 8, ORIG	AMDT: NONE
	FULTON COUNTY ARPT-BROWN FIELD		JUL 5 2007	DATED:

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[illegible]

CITY AND STATE ATLANTA, GA	ELEVATION: 841	TDZE: 808	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.:	SUP:
	AIRPORT NAME:			RNAV (GPS) Y RWY 8, ORIG	AMDT: NONE
	FULTON COUNTY ARPT-BROWN FIELD			JUL 5 2007	DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MIKEE	MIKEE	010	IAF	IF		FB				
	MIKEE	CAVEB	020		TF		FB	1.0	141.6(140T)	005.9	04000
	TEMPO	TEMPO	010		IF		FB				
	TEMPO	RICCA	020	IAF	TF		FB	2.0	037.7(036T)	007.6	04000
	TEMPO	CAVEB	030		TF		FB	1.0	081.5(080T)	005.8	04000
		CAVEB	010	FACF	IF		FB				04000
		FABMA	020	FAF	TF		FB	0.5	081.5(080T)	008.9	03000
		WUPLA	021	SDF	TF		FB	0.3	081.6(080T)	002.5	01640
		RW08	030	MAP	TF		FO	0.3	081.6(080T)	002.5	00850

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DENAC	040		DF		FB	1.0			
	EYOBO	050		TF	L	FB	1.0	342.0(340T)		
	MIKEE	060		TF	L	FO	1.0	245.6(244T)		04000
	MIKEE	070		HM	R	FO	2.0	125.4(123T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAVEB	N334354.79	W0845008.01	N3343.913	W08450.134
	DENAC	N334757.83	W0842335.75	N3347.964	W08423.596
	EYOBO	N335915.53	W0842831.90	N3359.259	W08428.532
	FABMA	N334531.78	W0843937.33	N3345.530	W08439.622
	MIKEE	N334822.65	W0845440.91	N3348.378	W08454.682
	RICCA	N334250.75	W0845701.02	N3342.846	W08457.017
	TEMPO	N333640.69	W0850219.09	N3336.678	W08502.318
	WUPLA	N334616.36	W0843445.36	N3346.273	W08434.756
	RW08	N334643.29	W0843148.33	N3346.722	W08431.806

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00800	63

CITY AND STATE

ATLANTA, GA

ELEVATION: 841 TDZE: 808

AIRPORT NAME:

FULTON COUNTY ARPT-BROWN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 8, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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: ☐ STANDARD ☐	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	

NOTES: JUL 5 2007
 PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE ATLANTA, GA	ELEVATION: 841 TDZE: 814	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO.: GPS RWY 26, ORIG 15 JUL 99	SUP
	AIRPORT NAME: FULTON COUNTY ARPT-BROWN FIELD			AMDT NONE
	DATE			



U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA											
KEOLA (40E)	GECKO (TF) (FB) (RNP 2.00) (40E) (43A)	110.96/11.95	5000	CLIMBING RIGHT TURN TO 5000 DIRECT IMONA AND HOLD											
GECKO (IAF) (40E) (43A)	RCHEW (TF) (FB) (RNP 1.00) (40E) (41E)	074.68/13.13	2000												
JULLE (40E)	IMONA (TF) (FB) (RNP 2.00) (40E) (43A)	268.73/23.58	5000	ADDITIONAL FLIGHT DATA: HOLD E, RT, 268.73 INBOUND DIST TO THLD FROM 649 HAT: 1.87 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH: 63.5 MSL (DO NOT CHART)											
IMONA (IAF) (40E) (43A)	RCHEW (TF) (FB) (RNP 1.00) (40E) (41E)	325.25/11.92	2000												
RCHEW (IF) (40E) (43I)	PERLY (TF) (FB) (RNP 0.50) (40E) (43F)	041.97/6.00	1500												
PERLY (FAF) (40E) (43F)	RW04R (TF) (FO) (40G) (41Y) (43M)	042.00/4.46	5000												
RW04R (MAP) (40E) (41Y) (43M)	IMONA (DF) (FO) (40E) (41E) (43H)														
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)				MAG VAR: 11E EPOCH YEAR: 1990											
2. PROFILE STARTS AT RCHEW															
3. FAC: <u>042.00</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: <u>RCHEW 2000</u>															
5. DIST TO THLD FROM OM: <u>4.46</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>PERLY 1500</u> OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: <u>55.4#</u> 34:1 IS CLEAR															
8. MSA FROM: <u>RW04R 5300</u>															
MINIMUMS															
TAKEOFF:	STANDARD	X	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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	658	1 3/4	649	658	1 3/4	649	658	1 3/4	649	658	1 3/4	649			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 16C (60F) OR ABOVE 48C (119F). FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY TO 2 1/4.															
CITY AND STATE		ELEVATION: 13 TDZE: 9		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: JUL - 5 2007				SUP: NONE					
HONOLULU, HI		HONOLULU INTL				RNAV (RNP) Z RWY 4R, ORIG				DATE					

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: FALOS CLIMBING RIGHT TURN TO 5000 DIRECT IMONA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 268.73 INBOUND. CHART FAS OBST: 208 SHIP 211530N/1575845W PERLY TO RW04R: 3.04/55
KEOLA	GECKO (FB)	110.96 / 11.95	5000	
GECKO (IAF)	RCHEW (FB)	074.68 / 13.13	2000	
JULLE	IMONA (FB)	268.73 / 23.58	5000	
IMONA (IAF)	RCHEW (FB)	325.25 / 11.92	2000	
RCHEW (IF)	PERLY (FB)	041.97 / 6.00	1500	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT RCHEW
- FAC: 042.00 FAF: PERLY DIST FAF TO MAP: 3.46 THLD: 4.46
- MIN. ALT: RCHEW 2000, PERLY 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: FALOS 5300

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	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	3/4	451	460	3/4	451	460	3/4	451	460	1	451	460	1	451
CIRCLING	620	1 1/4	607	620	1 1/4	607	620	1 3/4	607	820	2 1/2	807	1500	3	1487

NOTES:
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTES: DME/DME RNP-0.3NA.
FOR INOPERATIVE MALSR INCREASE CAT E VISIBILITY TO 1 1/2.
CAT A, B, C CIRCLING NA NW OF AIRPORT BETWEEN RWYS 8L-26R AND 4L-22R.
CAT D, E CIRCLING NA N OF RWY 8L-26R.

@ CAT D 900-2 1/2, CAT E 1500-3

CITY AND STATE HONOLULU, HI	ELEVATION: 13 TDZE: 9 AIRPORT NAME: HONOLULU INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 4R, AMDT 1 JUL - 5 2007	SUP: RNAV (GPS) RWY 04R AMDT: ORIG DATED 06/13/2002

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[illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SPACP HNL PHAHNL	0	123YHN21190729W	157552067E	011000013		1800018000C	MNAW	HONOLULU INTL.					

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SPACP	HNL	PHFP04RY	AJULLE	010JULLEPHEA0E	IF					18000		G	S
SPACP	HNL	PHFP04RY	AJULLE	020IMONAPHEA0E	A TF		26870236	+ 05000				G	S
SPACP	HNL	PHFP04RY	AJULLE	030RCHEWPHEA0EE	TF		32530119	+ 02000				G	S
SPACP	HNL	PHFP04RY	AKEOLA	010KEOLAPHEA0E	IF					18000		G	S
SPACP	HNL	PHFP04RY	AKEOLA	020GECKOPHEA0E	A TF		11100120	+ 05000				G	S
SPACP	HNL	PHFP04RY	AKEOLA	030RCHEWPHEA0EE	TF		07470131	+ 02000				G	S
SPACP	HNL	PHFP04RY	P	010RCHEWPHEA0E	I IF			+ 02000		18000		G	S
SPACP	HNL	PHFP04RY	P	020PERLYPHEA0E	F TF		04200060	+ 01500			FALOS PHEAG	S	
SPACP	HNL	PHFP04RY	P	030FALOSPHEA0EY	M TF		04200035	00063		-304		G	S
SPACP	HNL	PHFP04RY	P	040	0 M 010CA		0420	+ 00413				G	S
SPACP	HNL	PHFP04RY	P	050IMONAPHEA0EY	R010DF			+ 05000				G	S
SPACP	HNL	PHFP04RY	P	060IMONAPHEA0EE	HR020HM		26870050	+ 05000				G	S

[illegible][illegible]

CITY AND STATE HONOLULU, HI	ELEVATION: 13 TDZE: 9 AIRPORT NAME: HONOLULU INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 4R, AMDT 1 JUL - 5 2007	SUP: RNAV (GPS) RWY 04R
				AMDT: ORIG
				DATED: 06-13-2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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SPACP HNL PHSFALOSPHEA

0 25180053

M

CITY AND STATE

HONOLULU, HI

ELEVATION: 13 TDZE: 9

AIRPORT NAME:

HONOLULU INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 4R, AMDT 1

JUL - 5 2007

SUP: RNAV (GPS) RWY
04R

AMDT: ORIG

DATED: 06-13-2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JULLE	JULLE	010		IF		FB				
	JULLE	IMONA	020	IAF	TF		FB		268.7 (280T)	023.6	05000
	JULLE	RCHEW	030		TF		FB		325.3 (336T)	011.9	02000
	KEOLA	KEOLA	010		IF		FB				
	KEOLA	GECKO	020	IAF	TF		FB		111.0 (122T)	012.0	05000
	KEOLA	RCHEW	030		TF		FB		074.7 (086T)	013.1	02000
		RCHEW	010	FACF	IF		FB				02000
		PERLY	020	FAF	TF		FB		042.0 (053T)	006.0	01500
		FALOS	030	MAP	TF		FO		042.0 (053T)	003.5	00063

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	042.0 (053T)		00413
	IMONA	050		DF	R	FO	1.0			05000
	IMONA	060		HM	R	FO	2.0	268.7 (280T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FALOS	N211813.89	W1575629.02	N2118.232	W15756.484
	GECKO	N211132.10	W1581835.21	N2111.535	W15818.587
	IMONA	N210134.05	W1575925.89	N2101.568	W15759.432
	JULLE	N205735.78	W1573435.29	N2057.596	W15734.588
	KEOLA	N211753.24	W1582925.89	N2117.887	W15829.432
	PERLY	N211608.67	W1575926.36	N2116.145	W15759.439
	RCHEW	N211231.07	W1580434.16	N2112.518	W15804.569
	RW04R	N211850.11	W1575537.69	N2118.835	W15755.628

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00008	55

CITY AND STATE
HONOLULU, HI

ELEVATION: 13 TDZE: 9
 AIRPORT NAME:
 HONOLULU INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) Y RWY 4R, AMDT 1
 JUL - 5 2007

SUP:	RNAV (GPS) RWY 04R
AMDT:	ORIG
DATED:	06-13-2002

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
NAPUA/14.66 DME	NAGAI/12.00 DME	327.99 / 2.66 (LIH R-148)	6000	MAP: LELEO/1.90 DME											
LIH VORTAC	KREEN/12.00 DME/RADAR	070.07 / 12.00	3000												
NAGAI/12.00 DME CCW (IAF)	DARIL/12.00 DME/RADAR	12.00 DME ARC	3000	CLIMBING LEFT TURN TO 3000 VIA HEADING 152 AND LIH VORTAC R-148 TO NAGAI/12.00 DME AND HOLD.											
KREEN/12.00 DME/RADAR CCW (IAF)	DARIL/12.00 DME/RADAR	12.00 DME ARC	3000												
DARIL/12.00 DME/RADAR (IF)	GONEC/9.00 DME	191.02 / 3.00 (LIH R-011)	2400	ADDITIONAL FLIGHT DATA: HOLD SE, LT, 327.99 INBOUND. CHART FAS OBST: 208 SHIP 220129N/1591915W CHART LIH R-148 AT NAGAI. CHART LIH R-070 AT KREEN. CHART APT ELEV 153. CHART TDZ ELEV 118. FAC CROSSES RWY C/L EXTENDED 4979 FROM THLD. KEKOA TO RW21: 3.03/55											
GONEC/9.00 DME	KEKOA/6.00 DME	191.02 / 3.00 (LIH R-011)	1700												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. <u>PROFILE STARTS AT DARIL</u> 3. FAC <u>191.02</u> FAF <u>KEKOA/6.00 DME</u> DIST FAF TO MAP _____ THLD <u>4.86</u> 4. MIN. ALT <u>DARIL 3000, GONEC 2400, KEKOA 1700</u> 8. MSA FROM: <u>LIH VORTAC 360-230 3500, 230-360 6500</u>				MAG VAR: 11E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF:	STANDARD	X	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-21	520	1	402	520	1	402	520	1 1/4	402	520	1 1/4	402			
CIRCLING	520	1	367	620	1	467	620	1 1/2	467	720	2	567			
NOTES:															
CHART NOTE: CIRCLING NA AT NIGHT.															
CHART NOTE: CIRCLING NA WEST OF RWY 17-35.															
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.															
CITY AND STATE LIHUE, HI				ELEVATION: 153 TDZE: 118 AIRPORT NAME: LIHUE				FACILITY IDENTIFIER: LIH		PROCEDURE NO./ AMDT NO.: VOR/DME OR TACAN RWY 21, AMDT 4 JUL - 5 2007				SUP VOR/DME OR TACAN OR GPS AMDT 3B DATE 06/13/2002	

FAA FORM 8260-5 / December 2002 (computer generated)

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.20 MILES AFTER LYDAT INT/LIH 6.00 DME OR AT UWEHE/0.80 DME FIX
SOK VORTAC	LYDAT INT/LIH 6.00 DME	086.62 / 12.91	4500	CLIMBING RIGHT TURN TO 3000 VIA HEADING 100 AND LIH VORTAC R-070 TO KREEN/12.00 DME/RADAR AND HOLD.
LIH VORTAC	LYDAT INT/LIH 6.00 DME	147.99 / 6.00	4500	
AKENA/SOK 24.00 DME (IAF)	NAPUA INT/LIH 14.66 DME (NOPT)	290.61 / 5.32 (SOK R-111)	3500	
NAPUA INT/LIH 14.66 DME (IF)	LYDAT INT/LIH 6.00 DME	327.99 / 8.66 (R-148)	2000	ADDITIONAL FLIGHT DATA: HOLD E, RT, 250.07 INBOUND. CHART FAS OBST: 339 TREE 215644N/1592100W CHART VDP AT 1.55 DME; DISTANCE VDP TO THLD 1.42 MILES. CHART 3500 PRIOR TO LYDAT IN PROFILE. CHART APT ELEV 153. FAC CROSSES RWY C/L EXTENDED 1427 FROM THLD. LYDAT TO RW35: 2.97/55

1. PT L SIDE OF COURSE 147.99 OUTBOUND 2000 FT WITHIN 15 MILES OF LYDAT (IAF)

2.

3. FAC 327.99 FAF LYDAT INT/LIH 6.00 DME DIST FAF TO MAP 5.20 THLD 5.874. MIN. ALT LYDAT 20008. MSA FROM: LIH VORTAC 360-230 3500, 230-360 6500

MAG VAR: 11E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	STANDARD	X	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	600	1	504	600	1	504	600	1 1/2	504	600	1 1/2	504	600	1 3/4	504
CIRCLING	600	1	447	620	1	467	620	1 1/2	467	720	2	567	720	2	567

NOTES:

CHART NOTE: CIRCLING NA AT NIGHT.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

CHART NOTE: CIRCLING NA WEST OF RWY 17-35.

CHART NOTE: DME OR RADAR REQUIRED.

CITY AND STATE LIHUE, HI	ELEVATION: 153 TDZE: 96 AIRPORT NAME: LIHUE	FACILITY IDENTIFIER: LIH	PROCEDURE NO./AMDT NO.: VOR OR TACAN RWY 35, AMDT 7 JUL - 5 2007	SUP VOR/DME OR TACAN OR GPS
				AMDT 6
				DATE 02/09/1989

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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
NAPUA	IVATE (FB)	006.27 / 19.61	4000
IVATE (IAF)	COBIK (FB)	304.08 / 5.00	2700
COBIK (IF)	OPORE (FB)	214.06 / 5.00	1900

MISSED APPROACH

LNAV: JABDI

CLIMBING LEFT TURN TO 3000 DIRECT NAGAI AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 334.23 INBOUND. DO NOT CHART.
FAS OBST: 208 SHIP 220000N/1591920W
OPORE TO RW21: 3.05/52

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT COBIK
- FAC: 214.04 FAF: OPORE DIST FAF TO MAP: 4.45 THLD: 5.45
- MIN. ALT: COBIK 2700, OPORE 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: JABDI 6500

MAG VAR: 11E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	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	580	1 1/4	462	580	1 1/4	462	580	1 1/4	462	580	1 1/2	462			
CIRCLING	600	1 1/4	447	1000	1 1/4	847	1060	2 3/4	907	1060	3	907			

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CIRCLING NA BETWEEN RWYS 3 AND 35.

@ CAT B 900-2, CAT C 1000-2 3/4, CAT D 1000-3

CITY AND STATE

LIHUE, HI

ELEVATION: 153 TDZE: 118

AIRPORT NAME:

LIHUE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 21, ORIG-B

JUL -5 2007

SUP: RNAV (GPS) RWY21

AMDT: ORIG-A

DATED 11/25/2004

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.

[illegible]

CITY AND STATE LIHUE, HI	ELEVATION: 153 TDZE: 118 AIRPORT NAME: LIHUE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 21, ORIG-B JUL -5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NAPUA	NAPUA	010		IF		FB				
	NAPUA	IVATE	020		TF		FB		006.3 (017T)	019.6	04000
	NAPUA	COBIK	030		TF		FB		304.1 (315T)	005.0	02700
		COBIK	010	FACF	IF		FB				02700
		OPORE	020	FAF	TF		FB		214.1 (225T)	005.0	01900
		JABDI	030	MAP	TF		FO		214.0 (225T)	004.5	00135

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NAGAI	040		DF	L	FO	1.0			03000
	NAGAI	050		HM	L	FO	2.0	334.2 (345T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COBIK	N220631.36	W1591210.74	N2206.523	W15912.179
	IVATE	N220258.21	W1590822.62	N2202.970	W15908.377
	JABDI	N215949.13	W1591922.79	N2159.819	W15919.380
	NAGAI	N214639.94	W1591540.04	N2146.666	W15915.667
	NAPUA	N214410.93	W1591438.56	N2144.182	W15914.643
	OPORE	N220258.88	W1591559.11	N2202.981	W15915.985
	RW21	N215906.56	W1592008.45	N2159.109	W15920.141

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW21	00083	52

CITY AND STATE LIHUE, HI	ELEVATION: 153 TDZE: 118	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 21, ORIG-B JUL -5 2007	SUP:
	AIRPORT NAME: LIHUE			AMDT: NONE
				DATED:

U.S. 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				MISSED APPROACH												
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA												
GRAIL (40E)	OLONA (TF) (FB) (RNP 1.00) (40E)	328.54/15.05	4000	CLIMBING LEFT TURN TO 3000 DIRECT OLONA AND HOLD												
OLONA (40E)	MAHAO (TF) (FB) (RNP 1.00) (40E) (43A)	328.51/16.55	4000													
MAHAO (IAF) (40E) (43A)	ANULU (TF) (FB) (RNP 1.00) (40E) (41E)	304.12/10.00	2800	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 328.54 INBOUND DIST TO THLD FROM 545 HAT: 1.66 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH: 135.3 MSL (DO NOT CHART)												
ANULU (IF) (40E) (43I)	OPORE (TF) (FB) (RNP 0.50) (40E) (43F)	214.07/6.50	1900													
OPORE (FAF) (40E) (43F)	RW21 (TF) (FO) (40G) (41Y) (43M)	214.03/5.46														
RW21 (MAP) (40G) (41Y) (43M)	OLONA (DF) (FO) (40E) (41E) (43H)		3000													
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)				MAG VAR: 11E EPOCH YEAR: 1990												
2. PROFILE STARTS AT ANULU																
3. FAC: 214.03 FAF: DIST FAF TO MAP: THLD:																
4. MIN. ALT: ANULU 2800																
5. DIST TO THLD FROM OM: 5.46 MM: IM: 150 HAT: 100 HAT: GS ANT:																
6. MIN GS INCPT: 1900 GS ALT AT: OPORE 1900 OM: MM: IM:																
7. GS ANGLE: 3.00 TCH: 52.0# 34:1 IS CLEAR																
8. MSA FROM: RW21 6500																
MINIMUMS																
TAKEOFF:		STANDARD	X	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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED																
RNP 0.30 DA *		663	2	545	663	2	545	663	2	545	663	2	545			
RNP 0.30 DA		1078	4	960	1078	4	960	1078	4	960	1078	4	960			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 14C (57F) OR ABOVE 48C (119F). *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 350 FEET PER NM TO 2500. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAIL VIA V16 SOUTHEAST BOUND AND AT OLONA VIA V15 SOUTHEAST BOUND.																
CITY AND STATE		ELEVATION: 153 TDZE: 118		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: JUL -5 2007				SUP: NONE						
LIHUE, HI		AIRPORT NAME: LIHUE				RNP (RNP) Z RWY 21, ORIG				AMDT: NONE						
										DATE						

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES								MISSED APPROACH								
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LNAV: RW35								
NAPUA (IAF)		MORKE (FB)		290.75 / 6.03		3000		CLIMBING RIGHT TURN TO 3000 DIRECT KREEN WP AND HOLD.								
MORKE (IF)		AKULE (FB)		348.99 / 5.01		1900										
								ADDITIONAL FLIGHT DATA: HOLD E, RT, 250.07 INBOUND. CHART FAS OBST: 799 AWYBN 215641N/1592113W CHART VDP AT 2.43 MILES TO RW35. AKULE TO RW35: 3.05/55. FINAL SEGMENT (TF)								
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT MORKE 3. FAC: <u>349.02</u> FAF: <u>AKULE</u> DIST FAF TO MAP: _____ THLD: <u>5.42</u> 4. MIN. ALT: <u>MORKE 3000, AKULE 1900</u> 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: <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW35 6500</u>								MAG VAR: 11E EPOCH YEAR: 1990								
MINIMUMS																
TAKEOFF:		STANDARD X		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		920	3/4	824	920	3/4	824	920	2	824	920	2 1/4	824	920	2 1/2	824
CIRCLING		920	1	767	920	1 1/4	767	920	2 1/4	767	920	2 1/2	767		NA	
NOTES: CHART NOTE: CIRCLING NA AT NIGHT. CHART NOTE: CIRCLING NA WEST OF RWY 17-35. CHART NOTE: DME/DME RNP-0.3 NA. FOR INOPERATIVE MALSR, INCREASE LNAV CAT A VISIBILITY TO 1 MILE AND CAT E TO 3 MILES.																
CITY AND STATE LIHUE, HI		ELEVATION: 153 TDZE: 96 AIRPORT NAME: LIHUE		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 35, ORIG-D JUL -5 2007		SUP: RNAV (GPS) RWY 35 AMDT: ORIG-C DATED 11/25/2004								

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[illegible]

CITY AND STATE LIHUE, HI	ELEVATION: 153 TDZE: 96 AIRPORT NAME: LIHUE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 35, ORIG-D JUL -5 2007	SUP: RNAV (GPS) RWY 35
				AMDT: ORIG-C
				DATED: 11-25-2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NAPUA	NAPUA	010	IAF	IF		FB				
	NAPUA	MORKE	020		TF		FB	1.0	290.8 (302T)	006.0	03000
		AKULE	030	FAF	TF		FB	0.5	349.0 (360T)	005.0	01900

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KREEN	040		DF	R	FO	1.0			03000
	KREEN	050		HM	R	FO	2.0	250.1 (261T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AKULE	N215223.34	W1592009.30	N2152.389	W15920.155
	KREEN	N215946.60	W1590732.03	N2159.777	W15907.534
	MORKE	N214721.45	W1592009.24	N2147.358	W15920.154
	NAPUA	N214410.55	W1591438.81	N2144.176	W15914.647
	RW35	N215749.65	W1592009.18	N2157.828	W15920.153

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00092	55

CITY AND STATE LIHUE, HI	ELEVATION: 153	TDZE: 96	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 35, ORIG-D JUL - 5 2007	SUP: RNAV (GPS) RWY 35
	AIRPORT NAME: LIHUE				AMDT: ORIG-C
					DATED: 11-25-2004

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA											
NAPUA (IAF) (40E) (43A)	MORKE (TF) (FB) (RNP 1.00) (40E) (43I)	290.68/6.03	3000	CLIMBING RIGHT TURN TO 3000 DIRECT KREEN AND HOLD											
MORKE (IF) (40E) (43I)	AKULE (TF) (FB) (RNP 0.50) (40E) (43F)	348.99/5.01	1900												
AKULE (FAF) (40E) (43F)	RW35 (TF) (FO) (40G) (41Y) (43M)	349.02/5.42	3000	ADDITIONAL FLIGHT DATA: HOLD E, RT, 250.07 INBOUND DIST TO THLD FROM 503 HAT: 1.42 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH: 146.5 MSL (DO NOT CHART)											
RW35 (MAP) (40G) (41Y) (43M)	KREEN (DF) (FO) (40E) (41E) (43H)														
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)				MAG VAR: 11E EPOCH YEAR: 1990											
2. PROFILE STARTS AT MORKE															
3. FAC: <u>349.02</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: <u>MORKE 3000</u>															
5. DIST TO THLD FROM OM: <u>5.42</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCP: <u>1900</u> GS ALT AT: <u>AKULE 1900</u> OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0#</u> <u>34:1 IS CLEAR</u>															
8. MSA FROM: <u>RW35 6500</u>															
MINIMUMS															
TAKEOFF:	☐ STANDARD ☒ X	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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	599	1 1/4	503	599	1 1/4	503	599	1 1/4	503	599	1 1/4	503			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 14C (57F) OR ABOVE 48C (119F). FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY TO 1 3/4. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NAPUA VIA V16 SOUTHEAST BOUND.															
CITY AND STATE		ELEVATION: 153 TDZE: 96		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:					
LIHUE, HI		AIRPORT NAME: LIHUE,		RNAV		JUL - 5 2007 RNAV (RNP) Z RWY 35, ORIG				AMDT: NONE					
										DATE					



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CGT VORTAC	KEMRE (FB)	354.78 / 11.51	7000##	LPV: DA LNAV/VNAV: DA LNAV: RW32L CLIMB TO 4000 DIRECT FEPUP AND LEFT TURN VIA 246.75 TRACK TO DPA VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.00 INBOUND. CHART FAS OBST: 815 ROD 415628N/0875343W CHART FAS OBST: 894 TOWER 415430N/0875209W CHART VDP AT 1.51 MILES TO RW32L* *LNAV ONLY. WAAS CHANNEL # 77904 REFERENCE PATH ID: W32B CHART CHICAGO MIDWAY AIRPORT. DISTANCE TO THLD FROM 280 HAT: 0.74 NM
BEARZ	KEMRE (FB)	302.41 / 17.15	7000##	
KEMRE (IAF)	BURRK (FB)	323.19 / 5.80	5000##	
BURRK (IF)	CIPIT (FB)	323.13 / 3.85	4000##	
CIPIT	JOCKY (FB)	323.13 / 5.36	2500	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KEMRE
- FAC: 323.04 FAF: JOCKY DIST FAF TO MAP: 5.57 THLD: 5.57
- MIN. ALT: KEMRE 7000##, BURRK 5000##, CIPIT 4000##, JOCKY 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: JOCKY OM: MM: IM:
- GS ANGLE: 3.00 TCH: 49.1 34:1 IS CLEAR
- MSA FROM: RW32L 3400

MAG VAR: 3W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	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	934	5000	280	934	5000	280	934	5000	280	934	5000	280			
LNAV/VNAV DA	1103	1 1/2	449	1103	1 1/2	449	1103	1 1/2	449	1103	1 1/2	449			
LNAV MDA	1180	5000	526	1180	5000	526	1180	1 1/2	526	1180	1 3/4	526			
CIRCLING	1220	1	552	1220	1	552	1220	1 1/2	552	1220	2	552			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CGT VORTAC VIA V7 SOUTHBOUND.
 ##2500 WHEN AUTHORIZED BY ATC

CITY AND STATE CHICAGO, IL	ELEVATION: 668 TDZE: 654 AIRPORT NAME: CHICAGO-O'HARE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 32L, AMDT 2 JUL -5 2007	SUP: AMDT: 1 DATED 08/07/2008

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW32L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32B
LTP/FTP LATITUDE	415747.2200N
LTP/FTP LONGITUDE	0875408.6300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01644
FPAP LATITUDE	415925.5700N
FPAP LONGITUDE	0875559.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00049.1
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)	50.0

CRC REMAINDER

72FF2A2F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01979
FPAP ORTHOMETRIC HEIGHT	+01979

CITY AND STATE

CHICAGO, IL

ELEVATION: 668 TDZE: 654

AIRPORT NAME:

CHICAGO-O'HARE INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 32L, AMDT 2

JUL -5 2007

SUP:

AMDT: 1

DATED: 08-07-2003

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.

[illegible]

CITY AND STATE CHICAGO, IL	ELEVATION: 668 TDZE: 654 AIRPORT NAME: CHICAGO-O'HARE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 32L, AMDT 2 JUL -5 2007	SUP:
				AMDT: 1
				DATED: 08-07-2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KORDK5GRW32L 0130003230 N41574722W087540863+0100 00649000049200

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KORDK5PR32L RW32L001 0000W32B0N4157472200W08754086300+016440300N4159255700W08755593000106750000000491F40050072FF2A2F
SUSAP KORDK5PR32L RW32L002 +01979+01979W32B 77904 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KORDK5SRW32LK5PG 0 25180034 M

CITY AND STATE
CHICAGO, IL

ELEVATION: 668 TDZE: 654
AIRPORT NAME:
CHICAGO-O'HARE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 32L, AMDT 2
JUL -5 2007

SUP:
AMDT: 1
DATED: 08-07-2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BEARZ	BEARZ	010		IF		FB				
	BEARZ	KEMRE	020	IAF	TF		FB	2.0	302.4 (299T)	017.2	07000
	BEARZ	BURRK	030		TF		FB	1.0	323.2 (320T)	005.8	05000
	CGT	CGT	010		IF		FB				
	CGT	KEMRE	020	IAF	TF		FB	2.0	354.8 (352T)	011.5	07000
	CGT	BURRK	030		TF		FB	1.0	323.2 (320T)	005.8	05000
		BURRK	010	FACF	IF		FB				05000
		CIPIT	020	SDF	TF		FB	0.5	323.1 (320T)	003.9	04000
		JOCKY	021	FAF	TF		FB	0.5	323.1 (320T)	005.4	02500
		RW32L	030	MAP	TF		FO	0.3	323.0 (320T)	005.6	00698

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEPUP	040		DF		FB	1.0			
	DPA	050		TF	L	FO	1.0	246.8 (244T)		04000
	DPA	060		HM	R	FO	2.0	070.0 (067T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CGT	N413036.02	W0873417.56	N4130.600	W08734.293
	DPA	N415325.30	W0882100.60	N4153.422	W08821.010
	BEARZ	N413336.28	W0871632.86	N4133.605	W08716.548
	BURRK	N414627.30	W0874127.01	N4146.455	W08741.450
	CIPIT	N414924.45	W0874444.87	N4149.408	W08744.748
	FEPUP	N420143.45	W0875834.68	N4201.724	W08758.578
	JOCKY	N415331.21	W0874921.14	N4153.520	W08749.352
	KEMRE	N414200.11	W0873629.36	N4142.002	W08736.489
	RW32L	N415747.22	W0875408.63	N4157.787	W08754.144

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW32L	00649		49

CITY AND STATE
CHICAGO, ILELEVATION: 668 TDZE: 654
AIRPORT NAME:
CHICAGO-O'HARE INTLFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 32L, AMDT 2
JUL -5 2007SUP:
AMDT: 1
DATED: 08-07-2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CGT VORTAC	HADBU (FB)	350.52 / 15.47	4000
HARRT	HADBU (FB)	268.54 / 11.92	4000
HADBU (IAF)	CESEM (FB)	323.17 / 5.00	4000
CESEM (IF)	FASDI (FB)	323.13 / 6.01	2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32R

CLIMB TO 4000 DIRECT ESOSE AND RIGHT TURN VIA 359.32
TRACK TO OBK VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 092.00 INBOUND.
CHART FAS OBST: 723 TREE 415836N/0875235W
CHART FAS OBST: 909 TOWER 415535N/0874824W
CHART 711 OL ON LT 415830N/0875301W.
CHART VDP AT 1.62 MILES TO RW32R* *LNAV ONLY.
WAAS CHANNEL # 69504
REFERENCE PATH ID: W32A
DISTANCE TO THLD FROM 275 HAT: 0.71 NM

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT CESEM
3. FAC: 323.07 FAF: FASDI DIST FAF TO MAP: 6.16 THLD: 6.16
4. MIN. ALT: CESEM 4000, FASDI 2700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2700 GS ALT AT: FASDI OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW32R 3400

MAG VAR: 3W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	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	928	2400	275	928	2400	275	928	2400	275	928	2400	275			
LNAV/VNAV DA	1073	5000	420	1073	5000	420	1073	5000	420	1073	5000	420			
LNAV MDA	1220	2400	567	1220	2400	567	1220	5000	567	1220	6000	567			
CIRCLING	1220	1	552	1220	1	552	1220	1 1/2	552	1220	2	552			

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CGT VORTAC VIA V7 SOUTHBOUND.

CITY AND STATE

CHICAGO, IL

ELEVATION: 668 TDZE: 653

AIRPORT NAME:

CHICAGO-O'HARE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 32R, AMDT 1

JUL -5 2007

SUP:

AMDT: ORIG-A

DATED 12/27/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW32R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	415853.0600N
LTP/FTP LONGITUDE	0875330.1700W
LTP/FTP ELLIPSOIDAL HEIGHT	+01640
FPAP LATITUDE	420009.4800N
FPAP LONGITUDE	0875456.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.50
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

A078364A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01975
FPAP ORTHOMETRIC HEIGHT	+01975

CITY AND STATE

CHICAGO, IL

ELEVATION: 668 TDZE: 653

AIRPORT NAME:

CHICAGO-O'HARE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 32R, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG-A

DATED: 12-27-2001

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.

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	CGT	K5011420	VTL	N41303602	W087341756	N41303602	W087341756	E002000630	NARCHICAGO HEIGHTS				
SUSAD	OBK	K5011300	VDHW	N42131730	W087570650	N42131730	W087570650	W002000710	NARNORTHBROOK				

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORDK5FR32R	ACGT	010CGT	K5D 0V	IF						18000		A JS	
SUSAP KORDK5FR32R	ACGT	020HADBUK5EA0E	A 020TF		35050155			+ 04000				A JS	
SUSAP KORDK5FR32R	ACGT	030CESEMK5EA0EE	L010TFY		32320050			+ 04000				A JS	
SUSAP KORDK5FR32R	AHARRT	010HARRTK5EA0E	IF							18000		A JS	
SUSAP KORDK5FR32R	AHARRT	020HADBUK5EA0E	A 020TF		26850119			+ 04000				A JS	
SUSAP KORDK5FR32R	AHARRT	030CESEMK5EA0EE	R010TFY		32320050			+ 04000				A JS	
SUSAP KORDK5FR32R	R	010CESEMK5EA0E	I IF					+ 04000		18000		A JS	
SUSAP KORDK5FR32R	R	020FASDIK5EA0E	F 051TF		32310060			+ 02700			RW32R K5PGA	JS	
SUSAP KORDK5FR32R	R	030RW32RK5PGOGY	M 031TF		32310062			00703		-300		A JS	
SUSAP KORDK5FR32R	R	040ESOSEK5EA0E	010DF									A JS	
SUSAP KORDK5FR32R	R	050OBK K5D 0VY	R010TFY		3593			+ 04000				A JS	
SUSAP KORDK5FR32R	R	060OBK K5D 0VE	HR020HM		09200050			+ 04000				A JS	

CITY AND STATE CHICAGO, IL	ELEVATION: 668 TDZE: 653 AIRPORT NAME: CHICAGO-O'HARE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 32R, AMDT 1 JUL - 5 2007	SUP:
				AMDT: ORIG-A
				DATED: 12-27-2001

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.

00648000076150

SUSAP	KORDK5PR32R	RW32R001	0000W32A0N4158530600W08753301700+016400300N4200094800W08754561200107500032000550F400500A078364A
SUSAP	KORDK5PR32R	RW32R002	+01975+01975W32A 69504 000

SUSAP KORDK5SRW32RK5PG 0 25180034 M

SUP:	
AMDT:	ORIGINAL
DATED:	12-27-2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CGT	CGT	010		IF		FB				
	CGT	HADBU	020	IAF	TF		FB	2.0	350.5 (348T)	015.5	04000
	CGT	CESEM	030		TF	L	FB	1.0	323.2 (320T)	005.0	04000
	HARRT	HARRT	010		IF		FB				
	HARRT	HADBU	020	IAF	TF		FB	2.0	268.5 (266T)	011.9	04000
	HARRT	CESEM	030		TF	R	FB	1.0	323.2 (320T)	005.0	04000
		CESEM	010	FACF	IF		FB				04000
		FASDI	020	FAF	TF		FB	0.5	323.1 (320T)	006.0	02700
		RW32R	030	MAP	TF		FO	0.3	323.1 (320T)	006.2	00703

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ESOSE	040		DF		FB	1.0			
	OBK	050		TF	R	FO	1.0	359.3 (356T)		04000
	OBK	060		HM	R	FO	2.0	092.0 (089T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CGT	N413036.02	W0873417.56	N4130.600	W08734.293
	OBK	N421317.30	W0875706.50	N4213.288	W08757.108
	CESEM	N414932.89	W0874302.50	N4149.548	W08743.042
	ESOSE	N420109.51	W0875603.54	N4201.159	W08756.059
	FASDI	N415409.69	W0874812.13	N4154.162	W08748.202
	HADBU	N414542.47	W0873845.50	N4145.708	W08738.758
	HARRT	N414639.22	W0872252.45	N4146.654	W08722.874
	RW32R	N415853.06	W0875330.17	N4158.884	W08753.503

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32R	00648	76

CITY AND STATE CHICAGO, IL	ELEVATION: 668 TDZE: 653	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 32R, AMDT 1 JUL -5 2007	SUP:
	AIRPORT NAME: CHICAGO-O'HARE INTL			AMDT: ORIG-A
				DATED: 12-27-2001

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 04L, 04R, 09L, 10, 14L, 14R, 22R, 22L, 32L, 32R, STANDARD

RWY 27R, STANDARD WITH MINIMUM CLIMB OF 214 FT PER NM TO 1700, OR 300-1 1/4 WITH MINIMUM CLIMB OF 203 FT PER NM TO 1700, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DEPARTURE END OF RUNWAY.

RWY 28, STANDARD WITH MINIMUM CLIMB OF 203 FT PER NM TO 1700, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DEPARTURE END OF RUNWAY. (CONT.)

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 32L, CLIMB VIA HEADING 322.19 TO 1800 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 04L, ANTENNA ON BUILDING 3325' FROM DER, 1198' RIGHT OF CENTERLINE, 101' AGL/750' MSL.

NOTE: RWY 04R, MULTIPLE TREES BEGINNING 793' FROM DER, 568' RIGHT OF CENTERLINE, UP TO 77' AGL/716' MSL. MULTIPLE TREES BEGINNING 2266' FROM DER, 756' LEFT OF CENTERLINE, UP TO 84' AGL/723' MSL.

NOTE: RWY 09L, STREET LIGHT 883' FROM DER, 686' RIGHT OF CENTERLINE, 40' AGL/684' MSL.

NOTE: RWY 10, TOWER 2523' FROM DER, 982' RIGHT OF CENTERLINE, 80' AGL/720' MSL. TOWER 3957' FROM DER, 1289' RIGHT OF CENTERLINE, 127' AGL/771' MSL. (CONT.)

(4) CONTROLLING OBSTACLES:

RWY 27R: 812 MSL ROD ON POLE 415843.93N/0875619.54W, 1413 MSL TOWER 415926.00N/0880139.00W

RWY 28: 1413 MSL TOWER 415926.00N/0880139.00W

RWY 32L: 1460 MSL TOWER 420042.00N/0880207.00W.

(5) City, State

CHICAGO, IL

(6) Airport

CHICAGO-O' HARE INTL

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

14



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, 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 unless otherwise indicated, except visibilities which are in
statute miles or in feet RVR.

(3) TAKEOFF OBSTACLE NOTES: (CONT.)

NOTE: RWY 14L, MULTIPLE LIGHTS BEGINNING 982' FROM DER, 745' LEFT OF CENTERLINE, UP TO 40' AGL/684' MSL. SIGN 1278' FROM DER, 695' RIGHT OF CENTERLINE, 32' AGL/681' MSL.

NOTE: RWY 22L, TREE 972' FROM DER, 354' LEFT OF CENTERLINE, 31' AGL/690' MSL.

NOTE: RWY 27R, ROD ON TOWER 2679' FROM DER, 1181' LEFT OF CENTERLINE, 94' AGL/753' MSL. ROD ON OL POLE BEGINNING 5549' FROM DER, 1832' LEFT OF CENTERLINE, 147' AGL/812' MSL.

NOTE: RWY 28, MULTIPLE TREES BEGINNING 2753' FROM DER, 901' LEFT OF CENTERLINE, UP TO 26' AGL/740' MSL.

NOTE: RWY 32L, FLAG POLE 2036' FROM DER, 791' LEFT OF CENTERLINE, 58' AGL/732' MSL.

NOTE: RWY 32R, MULTIPLE TREES BEGINNING 1438' FROM DER, 851' RIGHT OF CENTERLINE, UP TO 71' AGL/715' MSL. MULTIPLE LIGHTS BEGINNING 1126' FROM DER, 745' LEFT OF CENTERLINE, UP TO 39' AGL/698' MSL.

City, State CHICAGO, IL		Airport CHICAGO-O' HARE INTL			Effective Date	Amdt. No. 14
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date JUL - 5 2007	



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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								MISSED APPROACH				
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 3400 DIRECT OHYEQ AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 343.62 INBOUND. CHART FAS OBST: 1459 TREE 432843N/0944657W CHART VDP AT 1.17 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 40104 REFERENCE PATH ID: W16A CHART TDZ ELEVATION 1319 CHART FIELD ELEVATION 1319 DISTANCE TO THLD FROM 250 HAT: 0.70 NM				
OXESY (IAF)		UYJOR (NOPT) (FB)		073.48 / 5.00		3400						
QUKJI (IAF)		UYJOR (NOPT) (FB)		253.64 / 5.00		3400						
UYJOR (IF/IAF)		XUMYI (FB)		163.56 / 6.10		2900						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N UYJOR, RT, 163.56 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 163.58 FAF: XUMYI _____ DIST FAF TO MAP: 4.81 THLD: 4.81 4. MIN. ALT: UYJOR 3400, XUMYI 2900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2900 GS ALT AT: XUMYI _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS CLEAR 8. MSA FROM: _____								MAG VAR: 6E EPOCH YEAR: 1980				
MINIMUMS												
TAKEOFF: X STANDARD		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
LPV DA	1569	1	250	1569	1	250		NA		NA		
LNAV/VNAV DA	1608	1	289	1608	1	289		NA		NA		
LNAV MDA	1720	1	401	1720	1	401		NA		NA		
CIRCLING	1720	1	401	1780	1	461		NA		NA		
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING JACKSON MUNI ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). SEE 8260-10												
CITY AND STATE		ELEVATION: 1319 TDZE: 1319		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP:				
ESTHERVILLE, IA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 16, AMDT 1		AMDT: ORIG				
		ESTHERVILLE MUNI				JUL - 5 2007		DATED 10/05/2000				



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WHEN USING JACKSON MUNI ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	073/30 CW 254/30 (NOPT)	UYJOR (IF/IAF) (FB)	3400
2.	254/30 CW 344/30	QUKJI (IAF) (FB)	3400
3.	344/30 CW 073/30	OXESY (IAF) (FB)	3400

CITY AND STATE

ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319

AIRPORT NAME:

ESTHERVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:

RNAV (GPS) RWY 16, AMDT 1

JUL - 5 2007

SUP:

AMDT:

ORIG

DATED:

10/05/2000

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KEST
RUNWAY RW16
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A
LTP/FTP LATITUDE 432453.0180N
LTP/FTP LONGITUDE 0944453.7035W
LTP/FTP ELLIPSOIDAL HEIGHT +03730
FPAP LATITUDE 432325.3700N
FPAP LONGITUDE 0944431.6200W
THRESHOLD CROSSING HEIGHT (TCH) 00030.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1288
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

938DF5A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04013
FPAP ORTHOMETRIC HEIGHT +04013

CITY AND STATE

ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319

AIRPORT NAME:

ESTHERVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 16, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 10-05-2000



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.

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PAGE 4 OF 5 PAGES



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OXESY	OXESY	010	IAF	IF		FB				
	OXESY	UYJOR	020		TF		FB	1.0	073.5 (080T)	005.0	03400
	QUKJI	QUKJI	010	IAF	IF		FB				
	QUKJI	UYJOR	020		TF		FB	1.0	253.6 (260T)	005.0	03400
	UYJOR	UYJOR	010		HF	R	FB		163.6 (170T)	005.0	03400
		UYJOR	010	FACF	IF		FB				03400
		XUMYI	020	FAF	TF		FB	0.5	163.6 (170T)	006.1	02900
		RW16	030	MAP	TF		FO	0.3	163.6 (170T)	004.8	01347

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OHYEQ	040		DF		FO	1.0			03400
	OHYEQ	050		HM	R	FO	2.0	343.6 (350T)	005.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OHYEQ	N431306.51	W0944156.20	N4313.109	W09441.937
	OXESY	N433442.34	W0945422.35	N4334.706	W09454.373
	QUKJI	N433631.08	W0944050.37	N4336.518	W09440.840
	UYJOR	N433536.91	W0944736.46	N4335.615	W09447.608
	XUMYI	N432936.99	W0944605.36	N4329.617	W09446.089
	RW16	N432453.02	W0944453.70	N4324.884	W09444.895

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW16	01317		30

CITY AND STATE
ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319
AIRPORT NAME:
ESTHERVILLE MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 16, AMDT 1
JUL - 5 2007

SUP:
AMDT: ORIG
DATED: 10-05-2000



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
ETGIQ (IAF)	OHYEQ (NOPT) (FB)	253.70 / 5.00	3400	LPV: DA LNAV/VNAV: DA LNAV: RW34 CLIMB TO 3400 DIRECT UYJOR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 163.56 INBOUND. CHART FAS OBST: 1359 TREE 432357N/0944456W CHART VDP AT 1.07 MILES TO RW34* *LNAV ONLY. WAAS CHANNEL # 82304 REFERENCE PATH ID: W34A CHART: CRYPT NORTH MOA CHART: TDZ ELEVATION 1319 CHART: FIELD ELEVATION 1319 DISTANCE TO THLD FROM 250 HAT: 0.66 NM				
UBMUW (IAF)	OHYEQ (NOPT) (FB)	073.54 / 5.00	3400					
OHYEQ (IF/IAF)	IGPUQ (FB)	343.62 / 6.10	3000					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S OHYEQ, RT, 343.62 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 343.60 FAF: IGPUQ _____ DIST FAF TO MAP: 5.08 THLD: 5.08 4. MIN. ALT: OHYEQ 3400, IGPUQ 3000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3000 GS ALT AT: IGPUQ _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 6E EPOCH YEAR: 1980				
MINIMUMS								
TAKEOFF: ☒ STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @		
CATEGORY =====>	A		B		C		D	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1569	1	250	1569	1	250	NA	NA
LNAV/VNAV DA	1629	1	310	1629	1	310	NA	NA
LNAV MDA	1700	1	381	1700	1	381	NA	NA
CIRCLING	1700	1	381	1780	1	461	NA	NA
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING JACKSON MUNI ALTIMETER SETTING. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). SEE 8260-10								
CITY AND STATE		ELEVATION: 1319 TDZE: 1319		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP:
ESTHERVILLE, IA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 34, AMDT 1		AMDT: ORIG
		ESTHERVILLE MUNI				JUL - 5 2007		DATED 10/05/2000



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VDP NA WHEN USING JACKSON MUNI ALTIMETER SETTING.****TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	254/30 CW 074/30 (NOPT)	OHYEQ (IF/IAF) (FB)	3400
2.	074/30 CW 164/30	UBMUW (IAF) (FB)	3400
3.	164/30 CW 254/30	ETGIQ (IAF) (FB)	3400

CITY AND STATE

ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319

AIRPORT NAME:

ESTHERVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 34, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 10/05/2000



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEST
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	432406.4275N
LTP/FTP LONGITUDE	0944441.9550W
LTP/FTP ELLIPSOIDAL HEIGHT	+03732
FPAP LATITUDE	432534.0800N
FPAP LONGITUDE	0944504.0500W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4CED1030

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04015
FPAP ORTHOMETRIC HEIGHT	+04015

CITY AND STATE

ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319

AIRPORT NAME:

ESTHERVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 34, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 10-05-2000



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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KESTK3FR34	AETGIQ	010ETGIQK3EA0E	A	IF						18000		A JS	
SUSAP KESTK3FR34	AETGIQ	020OHYEQK3EA0EE		010TF		25370050		+ 03400				A JS	
SUSAP KESTK3FR34	AUBMUW	010UBMUWK3EA0E	A	IF						18000		A JS	
SUSAP KESTK3FR34	AUBMUW	020OHYEQK3EA0EE		010TF		07350050		+ 03400				A JS	
SUSAP KESTK3FR34	AOHYEQ	010OHYEQK3EA0EE	CR	HF		34360050		+ 03400		18000		A JS	
SUSAP KESTK3FR34	R	010OHYEQK3EA0E	I	IF				+ 03400		18000		A JS	
SUSAP KESTK3FR34	R	020IGPUQK3EA0E	F	051TF		34360061		+ 03000				A JS	
SUSAP KESTK3FR34	R	030RW34 K3PG0GY	M	031TF		34360051		01359		-300		A JS	
SUSAP KESTK3FR34	R	040UYJORK3EA0EYM		010DF				+ 03400				A JS	
SUSAP KESTK3FR34	R	050UYJORK3EA0EE		HR020HM		16360050		+ 03400				A JS	

[illegible][illegible]

CITY AND STATE ESTHERVILLE, IA	ELEVATION: 1319 TDZE: 1319 AIRPORT NAME: ESTHERVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 34, AMDT 1 JUL - 5 2007	SUP:
				AMDT: ORIG
				DATED: 10-05-2000



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ETGIQ	ETGIQ	010	IAF	IF		FB				
	ETGIQ	OHYEQ	020		TF		FB	1.0	253.7 (260T)	005.0	03400
	UBMUW	UBMUW	010	IAF	IF		FB				
	UBMUW	OHYEQ	020		TF		FB	1.0	073.5 (080T)	005.0	03400
	OHYEQ	OHYEQ	010		HF	R	FB		343.6 (350T)	005.0	03400
		OHYEQ	010	FACF	IF		FB				03400
		IGPUQ	020	PAF	TF		FB	0.5	343.6 (350T)	006.1	03000
		RW34	030	MAP	TF		FO	0.3	343.6 (350T)	005.1	01359

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UYJOR	040		DF		FO	1.0			03400
	UYJOR	050		HM	R	FO	2.0	163.6 (170T)	005.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ETGIQ	N431400.38	W0943512.53	N4314.006	W09435.209
	IGPUQ	N431906.80	W0944326.57	N4319.113	W09443.443
	OHYEQ	N431306.51	W0944156.20	N4313.109	W09441.937
	UBMUW	N431212.25	W0944839.67	N4312.204	W09448.661
	UYJOR	N433536.91	W0944736.46	N4335.615	W09447.608
	RW34	N432406.43	W0944441.96	N4324.107	W09444.699

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW34	01317		42

CITY AND STATE

ESTHERVILLE, IA

ELEVATION: 1319 TDZE: 1319

AIRPORT NAME:

ESTHERVILLE MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 34, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 10-05-2000



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:
RWY 16, 34, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

ESTHERVILLE, IA

(6) Airport

ESTHERVILLE MUNI

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW12 CLIMB TO 4600 DIRECT ORECA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 306.52 INBOUND. CHART FAS OBST: 2895 TERRAIN 375609N/1004429W CHART FAS OBST: 3025 ELEV 375727N/1004449W CHART 3326 TOWER 375727N/1004847W. CHART VDP AT 1.07 MILES TO RW12* *LNAV ONLY. WAAS CHANNEL # 77803 REFERENCE PATH ID: W12A CHART AIRPORT ELEVATION 2891 CHART TDZ ELEVATION 2891 DISTANCE TO THLD FROM 250 HAT: 0.64 NM MAG VAR: 9E EPOCH YEAR: 1985							
GCK VORTAC		RERGE (FB)		307.49 / 11.74				4500									
ADEER (IAF)		RERGE (NOPT) (FB)		048.35 / 10.02				4500									
YANUK (IAF)		RERGE (NOPT) (FB)		185.61 / 5.01				4500									
RERGE (IF/IAF)		NOPYI (FB)		126.31 / 6.12				4500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW RERGE, RT, 126.31 INBOUND, 4500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>126.37</u> FAF: <u>NOPYI</u> DIST FAF TO MAP: <u>4.84</u> THLD: <u>4.84</u> 4. MIN. ALT: <u>RERGE 4500, NOPYI 4500, JOKEK/2.20 NM TO RW12 3620*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>4500</u> GS ALT AT: <u>NOPYI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>47.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW12 4800</u>																	
MINIMUMS																	
TAKEOFF:		STANDARD		X		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	3141	1	250	3141	1	250	3141	1	250	3141	1	250					
LNAV/VNAV DA	3184	1	293	3184	1	293	3184	1	293	3184	1	293					
LNAV MDA	3280	1	389	3280	1	389	3280	1	389	3280	1 1/4	389					
CIRCLING	3280	1	389	3360	1	469	3360	1 1/2	469	3460	2	569					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 2891 TDZE: 2891				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO.:				SUP:	
GARDEN CITY, KS				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 12, ORIG				AMDT: NONE	
				GARDEN CITY REGIONAL								JUL - 5 2007				DATED	



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.***LNAV ONLY****CHART NOTE: VDP NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS 128 FEET, AND ALL MDAS 140 FEET.****CITY AND STATE****GARDEN CITY, KS****ELEVATION: 2891 TDZE: 2891****AIRPORT NAME:****GARDEN CITY REGIONAL****FACILITY
IDENTIFIER:****RNAV****PROCEDURE NO./AMDT NO.:****RNAV (GPS) RWY 12, ORIG****JUL - 5 2007****SUP:****AMDT: NONE****DATED:**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGCK
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	375551.2130N
LTP/FTP LONGITUDE	1004359.7955W
LTP/FTP ELLIPSOIDAL HEIGHT	+08555
FPAP LATITUDE	375447.6800N
FPAP LONGITUDE	1004240.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4A390051

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08811
FPAP ORTHOMETRIC HEIGHT	+08811

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2891

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 12, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGCKK3FR12	AADEER	010ADEERK3EA0E	A	IF					18000		A	JS
SUSAP	KGCKK3FR12	AADEER	020RERGEK3EA0EE	010TF		04840100		+ 04500				A	JS
SUSAP	KGCKK3FR12	AGCK	010GCK	K3D	0V					18000		A	JS
SUSAP	KGCKK3FR12	AGCK	020RERGEK3EA0E	A	020TF	30750117		+ 04500				A	JS
SUSAP	KGCKK3FR12	AGCK	030RERGEK3EA0EE	CR	HF	12630050		+ 04500				A	JS
SUSAP	KGCKK3FR12	AYANUK	010YANUKK3EA0E	A	IF					18000		A	JS
SUSAP	KGCKK3FR12	AYANUK	020RERGEK3EA0EE	010TF		18560050		+ 04500				A	JS
SUSAP	KGCKK3FR12	R	010RERGEK3EA0E	I	IF			+ 04500		18000		A	JS
SUSAP	KGCKK3FR12	R	020NOPYIK3EA0E	F	051TF	12630061		+ 04500			RW12	K3PGA	JS
SUSAP	KGCKK3FR12	R	021JOKEKK3EA0E	S	031TF	12640026		V 0362003643		-300		A	JS
SUSAP	KGCKK3FR12	R	030RW12	K3PGOGY	M	031TF	12640022	02938		-300		A	JS
SUSAP	KGCKK3FR12	R	040ORECAK3EA0EYM	010DF				+ 04600				A	JS
SUSAP	KGCKK3FR12	R	050ORECAK3EA0EE	HR020HM		30650050		+ 04600				A	JS

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2891 AIRPORT NAME: GARDEN CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 12, ORIG JUL - 5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SUSAP KGCKK3SRW12 K3PG 0 25180048 M

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ADEER	ADEER	010	IAF	IF		FB				
	ADEER	REGE	020		TF		FB	1.0	048.4(057T)	010.0	04500
	GCK	GCK	010		IF		FB				
	GCK	REGE	020	IAF	TF		FB	2.0	307.5(317T)	011.7	04500
	GCK	REGE	030		HF	R	FB		126.3(135T)	005.0	04500
	YANUK	YANUK	010	IAF	IF		FB				
	YANUK	REGE	020		TF		FB	1.0	185.6(195T)	005.0	04500
		REGE	010	FACF	IF		FB				04500
		NOPYI	020	FAF	TF		FB	0.5	126.3(135T)	006.1	04500
		JOKEK	021	SDF	TF		FB	0.3	126.4(135T)	002.6	03620
		RW12	030	MAP	TF		FO	0.3	126.4(135T)	002.2	02938

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ORECA	040		DF		FO	1.0			04600
	ORECA	050		HM	R	FO	2.0	306.5(316T)	005.0	04600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GCK	N375508.59	W1004330.23	N3755.143	W10043.504
	ADEER	N375815.58	W1010425.00	N3758.260	W10104.417
	JOKEK	N375725.30	W1004556.97	N3757.422	W10045.950
	NOPYI	N375918.04	W1004817.51	N3759.301	W10048.292
	ORECA	N374707.18	W1003309.55	N3747.120	W10033.159
	REGE	N380339.64	W1005344.34	N3803.661	W10053.739
	YANUK	N380831.01	W1005208.30	N3808.517	W10052.138
	RW12	N375551.21	W1004359.80	N3755.854	W10043.997

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	02891	47

CITY AND STATE
GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2891
 AIRPORT NAME:
 GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 12, ORIG
 JUL - 5 2007

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
GCK VORTAC	WEMDI (FB)	351.86 / 12.79	4700	LPV: DA LNAV/VNAV: DA LNAV: RW17	
TOKIE (IAF)	WEMDI (NOPT) (FB)	257.00 / 16.80	4700	CLIMB TO 4800 DIRECT PIRY AND HOLD.	
YANUK (IAF)	WEMDI (NOPT) (FB)	085.60 / 7.03	4700		
WEMDI (IF/IAF)	ZABOL (FB)	171.42 / 6.10	4700		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N WEMDI, RT, 171.42 INBOUND, 4700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>171.42</u> FAF: <u>ZABOL</u> DIST FAF TO MAP: <u>5.48</u> THLD: <u>5.48</u> 4. MIN. ALT: <u>WEMDI 4700, ZABOL 4700</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>4700</u> GS ALT AT: <u>ZABOL</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW17 4800</u>				ADDITIONAL FLIGHT DATA: HOLD S, RT, 351.42 INBOUND. CHART FAS OBST: 2931 POLE 375634N/1004308W CHART VDP AT 0.92 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 42803 REFERENCE PATH ID: W17A CHART TDZ ELEVATION 2889 CHART AIRPORT ELEVATION 2891 DISTANCE TO THLD FROM 250 HAT: 0.66 NM	
				MAG VAR: 9E EPOCH YEAR: 1985	

MINIMUMS															
TAKEOFF:	STANDARD	X	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	3139	1	250	3139	1	250	3139	1	250	3139	1	250			
LNAV/VNAV DA	3217	1 1/4	328	3217	1 1/4	328	3217	1 1/4	328	3217	1 1/4	328			
LNAV MDA	3220	1	331	3220	1	331	3220	1	331	3220	1	331			
CIRCLING	3280	1	389	3360	1	469	3360	1 1/2	469	3460	2	569			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2889 AIRPORT NAME: GARDEN CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 17, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: VDP NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS 128 FEET AND ALL MDAS 140 FEET.**

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2889

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 17, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KGCK
RUNWAY RW17
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W17A
REFERENCE PATH IDENTIFIER (APPROACH ID) 375621.2930N
LTP/FTP LATITUDE 1004322.1510W
LTP/FTP LONGITUDE +08549
LTP/FTP ELLIPSOIDAL HEIGHT 375452.0900N
FPAP LATITUDE 1004322.9800W
FPAP LONGITUDE 00039.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0528
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

BF6BCA44

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +08805
FPAP ORTHOMETRIC HEIGHT +08805

CITY AND STATE
GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2889
AIRPORT NAME:
GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 17, ORIG
JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

SUP:	
AMDT:	NONE
DATED:	

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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.

SUSAP	KGCKK3PR17	RW17	001	0000W17A0N3756212930W10043221510+085490300N3754520900W10043229800106750528000390F400500BF6BCA44
SUSAP	KGCKK3PR17	RW17	002	+08805+08805W17A 42803 000

SUSAP KGCKK3SRW17 K3PG 0 25180048 M

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2889
AIRPORT NAME:
GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 17, ORIG
JUL - 5 2007

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

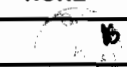
ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
GCK		GCK	010		IF		FB				
GCK		WEMDI	020	IAF	TF		FB	2.0	351.9 (001T)	012.8	04700
GCK		WEMDI	030		HF	R	FB		171.4 (180T)	005.0	04700
TOKIE		TOKIE	010	IAF	IF		FB				
TOKIE		WEMDI	020		TF		FB	1.0	257.0 (266T)	016.8	04700
YANUK		YANUK	010	IAF	IF		FB				
YANUK		WEMDI	020		TF		FB	1.0	085.6 (095T)	007.0	04700
		WEMDI	010	FACF	IF		FB				04700
		ZABOL	020	FAF	TF		FB	0.5	171.4 (180T)	006.1	04700
		RW17	030	MAP	TF		FO	0.3	171.4 (180T)	005.5	02928

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PIRIY	040		DF		FO	1.0			04800
	PIRIY	050		HM	R	FO	2.0	351.4 (000T)	005.0	04800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GCK	N375508.59	W1004330.23	N3755.143	W10043.504
	PIRIY	N374334.77	W1004329.23	N3743.580	W10043.487
	TOKIE	N380909.15	W1002200.97	N3809.153	W10022.016
	WEMDI	N380756.84	W1004315.69	N3807.947	W10043.262
	YANUK	N380831.01	W1005208.30	N3808.517	W10052.138
	ZABOL	N380150.32	W1004319.10	N3801.839	W10043.318
	RW17	N375621.29	W1004322.15	N3756.355	W10043.369

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	02889	39

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2889	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 17, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: GARDEN CITY REGIONAL			AMDT: NONE
				DATED: 

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
GCK VORTAC	ORECA (FB)	125.32 / 11.46	4600	LPV: DA LNAV/VNAV: DA LNAV: RW30	
POKPE (IAF)	ORECA (NOPT) (FB)	236.19 / 13.34	4600	CLIMB TO 4500 DIRECT RERGE AND HOLD.	
ZILCH (IAF)	ORECA (NOPT) (FB)	019.52 / 5.50	4600		
ORECA (IF/IAF)	LULYI (FB)	306.52 / 6.11	4600		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 126.31 INBOUND. CHART FAS OBST: 2926 TREE 375510N/1004301W CHART FAS OBST: 2989 TOWER 375328N/1004102W WAAS CHANNEL # 86703 REFERENCE PATH ID: W30A CHART AIRPORT ELEVATION 2891 CHART TDZ ELEVATION 2885 DISTANCE TO THLD FROM 250 HAT: 0.67 NM	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE ORECA, RT, 306.52 INBOUND, 4600 FT. IN LIEU OF PT (IAF) 3. FAC: 306.47 FAF: LULYI DIST FAF TO MAP: 5.19 THLD: 5.19 4. MIN. ALT: ORECA 4600, LULYI 4600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4600 GS ALT AT: LULYI OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: RW30 4800					
				MAG VAR: 9E EPOCH YEAR: 1985	

MINIMUMS															
TAKEOFF:	STANDARD	X	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	3135	1	250	3135	1	250	3135	1	250	3135	1	250			
LNAV/VNAV DA	3186	1	301	3186	1	301	3186	1	301	3186	1	301			
LNAV MDA	3300	1	415	3300	1	415	3300	1 1/4	415	3300	1 1/4	415			
CIRCLING	3300	1	409	3360	1	469	3360	1 1/2	469	3460	2	569			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2885 AIRPORT NAME: GARDEN CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 30, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GCK VORTAC VIA V507 NORTHBOUND.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS 128 FEET AND ALL MDAS 140 FEET.**

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 30, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KGCK
RW30
0
0
W30A
375511.0765N
1004309.8745W
+08514
375614.6100N
1004428.9200W
00045.0
F
03.00
106.75
1016
40.0
50.0

CRC REMAINDER

255044C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+08771
+08771

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 30, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KGCKK3PR30 RW30 001 0000W30A0N3755110765W10043098745+085140300N3756146100W10044289200106751016000450F400500255044C5												
	SUSAP KGCKK3PR30 RW30 002 +08771+08771W30A 86703 000												
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KGCKK3SRW30 K3PG 0 25180048 M												

CITY AND STATE
GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885
AIRPORT NAME:
GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 30, ORIG
JUL - 5 2007

SUP:
AMDT: NONE
DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GCK	GCK	010		IF		FB				
	GCK	ORECA	020	IAF	TF		FB	2.0	125.3 (134T)	011.5	04600
	GCK	ORECA	030		HF	R	FB		306.5 (316T)	005.0	04600
	POKPE	POKPE	010	IAF	IF		FB				
	POKPE	ORECA	020		TF		FB	1.0	236.2 (245T)	013.3	04600
	ZILCH	ZILCH	010	IAF	IF		FB				
	ZILCH	ORECA	020		TF		FB	1.0	019.5 (029T)	005.5	04600
		ORECA	010	FACF	IF		FB				04600
		LULYI	020	PAF	TF		FB	0.5	306.5 (316T)	006.1	04600
		RW30	030	MAP	TF		FO	0.3	306.5 (316T)	005.2	02923

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RERGE	040		DF		FO	1.0			04500
	RERGE	050		HM	R	FO	2.0	126.3 (135T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GCK	N375508.59	W1004330.23	N3755.143	W10043.504
	LULYI	N375128.99	W1003833.95	N3751.483	W10038.566
	ORECA	N374707.18	W1003309.55	N3747.120	W10033.159
	POKPE	N375244.30	W1001753.21	N3752.738	W10017.887
	RERGE	N380339.64	W1005344.34	N3803.661	W10053.739
	ZILCH	N374217.18	W1003628.13	N3742.286	W10036.469
	RW30	N375511.08	W1004309.87	N3755.185	W10043.165

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW30	02878	45

CITY AND STATE
GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885
 AIRPORT NAME:
 GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 30, ORIG
 JUL - 5 2007

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
GCK VORTAC	PIRIY (FB)	170.93 / 11.55	4800	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 4700 DIRECT WEMDI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 171.42 INBOUND. CHART FAS OBST: 2919 POLE 375509N/1004331W CHART FAS OBST: 2936 TREE 375039N/1004315W CHART VDP AT 0.89 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 63103 REFERENCE PATH ID: W35A DISTANCE TO THLD FROM 250 HAT: 0.62 NM
ZILCH (IAF)	PIRIY (NOPT) (FB)	274.09 / 5.72	4800	
BOONS (IAF)	PIRIY (NOPT) (FB)	032.03 / 5.38	4800	
PIRIY (IF/IAF)	TEYOT (FB)	351.42 / 6.11	4700	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S PIRIY, RT, 351.42 INBOUND, 4800 FT. IN LIEU OF PT (IAF)
3. FAC: 351.42 FAF: TEYOT DIST FAF TO MAP: 5.45 THLD: 5.45
4. MIN. ALT: PIRIY 4800, TEYOT 4700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 4700 GS ALT AT: TEYOT OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 59.4 34:1 IS CLEAR
8. MSA FROM: RW35 4800

MAG VAR: 9E EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	STANDARD	X	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	3135	1/2	250	3135	1/2	250	3135	1/2	250	3135	1/2	250				
LNAV/VNAV DA	3169	1/2	284	3169	1/2	284	3169	1/2	284	3169	3/4	284				
LNAV MDA	3200	1/2	315	3200	1/2	315	3200	1/2	315	3200	1	315				
CIRCLING	3280	1	389	3360	1	469	3360	1 1/2	469	3460	2	569				

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1.
 CHART NOTE: BARO-VNAV NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2885 AIRPORT NAME: GARDEN CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 35, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

(109F).

CHART NOTE: DME/DME RNP-0.3 NA.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: VDP NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS 128 FEET, AND ALL MDAS 140 FEET.**

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 35, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGCK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	375509.1430N
LTP/FTP LONGITUDE	1004322.8150W
LTP/FTP ELLIPSOIDAL HEIGHT	+08512
FPAP LATITUDE	375629.1600N
FPAP LONGITUDE	1004322.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00059.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0240
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

128DFD8B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08768
FPAP ORTHOMETRIC HEIGHT	+08768

CITY AND STATE
GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885
AIRPORT NAME:
GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 35, ORIG
JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2885 AIRPORT NAME: GARDEN CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 35, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KGCKK3PR35	RW35 001	0000W35A0N3755091430W10043228150+085120300N3756291600W10043220800106750240000594F400500128DFD8B										
	SUSAP KGCKK3PR35	RW35 002	+08768+08768W35A	63103	000								

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KGCKK3SRW35 K3PG		0 25180048				M						

CITY AND STATE

GARDEN CITY, KS

ELEVATION: 2891 TDZE: 2885

AIRPORT NAME:

GARDEN CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 35, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOONS	BOONS	010	IAF	IF		FB				
	BOONS	PIRIY	020		TF		FB	1.0	032.0 (041T)	005.4	04800
	GCK	GCK	010		IF		FB				
	GCK	PIRIY	020	IAF	TF		FB	2.0	170.9 (180T)	011.6	04800
	GCK	PIRIY	030		HF	R	FB		351.4 (000T)	005.0	04800
	ZILCH	ZILCH	010	IAF	IF		FB				
	ZILCH	PIRIY	020		TF		FB	1.0	274.1 (283T)	005.7	04800
		PIRIY	010	FACF	IF		FB				04800
		TEYOT	020	FAF	TF		FB	0.5	351.4 (000T)	006.1	04700
		RW35	030	MAP	TF		FO	0.3	351.4 (000T)	005.5	02936

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WEMDI	040		DF		FO	1.0			04700
	WEMDI	050		HM	R	FO	2.0	171.4 (180T)	005.0	04700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GCK	N375508.59	W1004330.23	N3755.143	W10043.504
	BOONS	N373930.99	W1004756.42	N3739.517	W10047.940
	PIRIY	N374334.77	W1004329.23	N3743.580	W10043.487
	TEYOT	N374941.74	W1004325.85	N3749.696	W10043.431
	WEMDI	N380756.84	W1004315.69	N3807.947	W10043.262
	ZILCH	N374217.18	W1003628.13	N3742.286	W10036.469
	RW35	N375509.14	W1004322.82	N3755.152	W10043.380

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW35	02877		59

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2885	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 35, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: GARDEN CITY REGIONAL			AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: GCK VORTAC
				CLIMB TO 4000 THEN CLIMBING LEFT TURN TO 4500 DIRECT GCK VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 173.00 INBOUND. CHART FAS OBST: 3025 ELEV 375727N/1004449W CHART VDP AT 2.51 DME; DISTANCE VDP TO THLD 1.29 MILES. CHART AIRPORT ELEVATION: 2891 CHART TDZE: 2889 FAC CROSSES RWY C/L EXTENDED 2985 FROM THLD.

1. PT L SIDE OF COURSE 352.70 OUTBOUND 4500 FT WITHIN 10 MILES OF GCK VORTAC (IAF)
 2. _____
 3. FAC 172.70 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: GCK VORTAC 045-315 4800, 315-045 4400

MAG VAR: 11E EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	STANDARD	X	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	3340	1	451	3340	1	451	3340	1 1/4	451	3340	1 1/2	451			
CIRCLING	3340	1	449	3360	1	469	3360	1 1/2	469	3460	2	569			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET.
 CHART NOTE: VDP NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2889	FACILITY IDENTIFIER: GCK	PROCEDURE NO./AMDT NO.: VOR RWY 17, AMDT 11 JUL - 5 2007	SUP VOR OR GPS RWY 17
	AIRPORT NAME: GARDEN CITY REGIONAL			AMDT 10
				DATE 04/27/1990

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: NASLE/0.22 DME							
GCK VORTAC		IMCAR/5.50 DME		105.77 / 5.50				4600		CLIMB TO 4000 THEN CLIMBING LEFT TURN TO 4600 DIRECT GCK VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 285.00 INBOUND. CHART FAS OBST: 2926 TREE 375510N/1004301W CHART 3153 TOWER 375308N/1003640W. CHART 2989 TOWER 375328N/1004102W. CHART GCK R-182 AT YECUT. CHART GCK R-039 AT KUVVU. IMCAR TO RW30: 2.99/45 CHART AIRPORT ELEVATION: 2891 CHART TDZ ELEVATION: 2885 FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.							
KUVVU/12.00 DME CW (IAF)		JINRI/12.00 DME (NOPT)		12.00 DME ARC				4600									
YECUT/12.00 DME CCW (IAF)		JINRI/12.00 DME (NOPT)		12.00 DME ARC				4600									
JINRI/12.00 DME (IF)		IMCAR/5.50 DME		285.77 / 6.50 (GCK R-106)				4600									
1. PT <u>R</u> SIDE OF COURSE <u>105.77</u> OUTBOUND <u>4600</u> FT WITHIN <u>10</u> MILES OF <u>IMCAR/5.50 DME</u> (IAF) 2. _____ 3. FAC <u>285.77</u> FAF <u>IMCAR/5.50 DME</u> DIST FAF TO MAP _____ THLD <u>5.28</u> 4. MIN. ALT <u>JINRI 4600, IMCAR 4600, HEDES/1.82 DME 3440</u> 8. MSA FROM: <u>GCK VORTAC 045-315 4800, 315-045 4400</u>										MAG VAR: 11E EPOCH YEAR: 1965							
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: <u>NA</u> 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	3240	1	355	3240	1	355	3240	1	355	3240	1 1/4	355					
CIRCLING	3280	1	389	3360	1	469	3360	1 1/2	469	3460	2	569					
NOTES: CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.																	
CITY AND STATE GARDEN CITY, KS				ELEVATION: 2891 TDZE: 2885 AIRPORT NAME: GARDEN CITY REGIONAL				FACILITY IDENTIFIER: GCK				PROCEDURE NO./AMDT NO.: VOR/DME RWY 30, AMDT 1 JUL - 5 2007				SUP VOR/DME OR GPS RWY 30 AMDT ORIG-A DATE 05/19/2000	



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[illegible]

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-35 CAT D VISIBILITY.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET.
CHART NOTE: VDP NA WHEN USING DODGE CITY REGIONAL ALTIMETER SETTING.

CITY AND STATE GARDEN CITY, KS	ELEVATION: 2891 TDZE: 2885	FACILITY IDENTIFIER: GCK	PROCEDURE NO./ AMDT NO.:	SUP VOR/DME OR GPS
	AIRPORT NAME:		VOR/DME RWY 35, AMDT 2	RWY 35
	GARDEN CITY REGIONAL		JUL - 5 2007	AMDT 1A
				DATE 05/31/1990

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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.

(1) TAKEOFF MINIMUMS:

RWY 12, 17, 30, 35 STANDARD

(2) DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 12, MULTIPLE TREES BEGINNING 585' FROM DER, 431' LEFT OF CENTERLINE, UP TO 52' AGL/2926' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

GARDEN CITY, KS

(6) Airport

GARDEN CITY REGIONAL

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

ORIG



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.

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-5		1240	1	476	1240	1	476	1240	1 1/4	476	1240	1 1/2	476			
CIRCLING		1240	1	465	1260	1	485	1260	1 1/2	485	1360	2	585			

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: RADAR OR DME REQUIRED.

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E
APPROVED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 28, NA - OBSTACLES.

RWY 10, STANDARD WITH MINIMUM CLIMB OF 736 FEET PER NM TO 3500, OR 2500-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 10 - CLIMB VIA HEADING 102.65 TO 3500 BEFORE PROCEEDING ON COURSE.

RWY 10 - FOR CLIMB IN VISUAL CONDITIONS: CROSS MIDDLESBORO-BELL COUNTY AIRPORT AT OR ABOVE 3500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, ROAD AND VEHICLE 264 FEET FROM DER, ON CENTERLINE, 17 FEET AGL/1166 FEET MSL. TREES 52 FEET FROM DER, 223 FEET RIGHT OF CENTERLINE, 100 FEET AGL/1249 FEET MSL. TREES 617 FEET FROM DER, 100 FEET AGL/1249 FEET MSL. TOWER 5066 FEET FROM DER, 1033 FEET LEFT OF CENTERLINE, 198 FEET AGL/1335 FEET MSL. TREES 1.00 NM FROM DER, 1354 FEET RIGHT OF CENTERLINE, 100 FEET AGL/1379 FEET MSL. TREES 1.67 NM FROM DER, 1900 FEET LEFT OF CENTERLINE, 100 FEET AGL/1599 FEET MSL. NUMEROUS TREES BEGINNING 2.00 NM FROM DER, 3200 FEET LEFT AND RIGHT OF CENTERLINE, UPSLOPING ON CUMBERLAND MOUNTAIN, UP TO 100 FEET AGL/2499 MSL. 200 FOOT AAO 3.15 NM FROM DER, 1191 FEET LEFT OF CENTERLINE, 200 FEET AGL/2899 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 10: 2899 MSL TREES, 363621.00N/0833958.00W. 3223 MSL TOWER, 363830.00N/0834625.00W.

RWY 10 (VCOA): 3223 MSL TOWER, 363830.00N/0834625.00W.

(5) City, State

MIDDLESBORO, KY.

(6) Airport

MIDDLESBORO-BELL COUNTY

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
CLAMY INT/ACK 23.85 DME	MOVY VOR/DME	360.00 / 13.56	1800	ILS: DA LOC: 4.30 MILES AFTER BEPAY INT/I-MVY 5.29 DME OR AT I-MVY 0.99 DME FIX	
MOVY VOR/DME	CHOPY INT/I-MVY 11.60 DME (FB)	056.38 / 10.84	1800	CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2500 VIA MOVY VOR/DME R-180 TO CLAMY INT/ACK 23.85 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2500 VIA PVD VORTAC R-143 TO CLAMY INT/PVD 51.99 DME AND HOLD NW, LT, 142.79 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, LT, 090.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW CLAMY INT/PVD 51.99 DME, LT, 142.79 INBOUND. CHART FAS OBST: 179 TREES 412514N/0703519W CHART VDP AT 2.00 DME; DISTANCE VDP TO THLD 1.01 MILES. CHART TDZE: 62. CHART APT ELEV: 67. CHART MOVY VOR/DME R-056 AT CHOPY AND PEAKE.	
ACK VOR/DME (IAF)	CHOPY INT/I-MVY 11.60 DME (NOPT)	322.99 / 24.42	1700		
PEAKE/I-MVY 14.69 DME (IAF)	CHOPY INT/I-MVY 11.60 DME (NOPT)	235.61 / 3.10 (I-MVY)	1700		
CHOPY INT/I-MVY 11.60 DME (IF/IAF)	BEPAY INT/I-MVY 5.29 DME	235.61 / 6.31 (I-MVY)	1500		

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)

2. HOLD NE CHOPY, LT, 235.61 INBOUND, 1700 FT. IN LIEU OF PT (IAF)

3. FAC: 235.61 FAF: BEPAY INT/I-MVY 5.29 DME DIST FAF TO MAP: 4.30 THLD: 4.30

4. MIN. ALT: CHOPY 1700, BEPAY 1500

5. DIST TO THLD FROM OM: 4.30 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1010

6. MIN GS INCPT: 1500 GS ALT AT: BEPAY INT/I-MVY 5.29 DME 1500 OM: - MM: - IM: -

7. GS ANGLE: 3.00 TCH: 50.8

8. MSA FROM: MOVY VOR/DME 270-360 2100, 360-270 1600

MAG VAR: 15W EPOCH YEAR: 1980

MINIMUMS															
TAKEOFF:	STANDARD	X	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 24	262	2400	200	262	2400	200	262	2400	200	262	2400	200			
S-LOC 24	440	2400	378	440	2400	378	440	2400	378	440	4000	378			
CIRCLING	460	1	393	520	1	453	520	1 1/2	453	620	2	553			

NOTES:
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PEAKE VIA V167 SOUTHEAST BOUND.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET.

@ NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE VINEYARD HAVEN, MA	ELEVATION: 67 TDZE: 62 AIRPORT NAME: MARTHAS VINEYARD	FACILITY IDENTIFIER: I-MVY	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 24, AMDT 2 JUL - 5 2007	SUP: AMDT: 1A DATED 04/25/2006

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES										MISSED APPROACH						
FROM	TO			COURSE AND DISTANCE			ALTITUDE									
FALMA (40E)	COKBI (TF) (FB) (40E) (43A)			127.78 / 14.09			2100		LPV: DA LNAV / VNAV: DA LNAV: RW06 CLIMB TO 2000 DIRECT BORST AND VIA 325.62 TRACK TO URUCE AND VIA 235.69 TRACK TO DAYTN AND HOLD.							
MVY VOR/DME (40V)	HORAX (TF) (FB) (40E) (43C)			234.98 / 13.20			2100									
COKBI (IAF) (40E) (43A)	HORAX (NoPT) (TF) (FB) (40E) (41E)			145.43 / 5.00			2100		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 235.69 INBOUND. CHART FAS OBST:129 TREE 412322N / 0703754W CHART: R4105 A & B DISTANCE TO THLD FROM 265 HAT: 0.65 NM							
DEEPO (IAF) (40E) (43A)	HORAX (NoPT) (TF) (FB) (40E) (41E)			028.60 / 6.94			2100									
FIMOS (IAF) (40E) (43A)	HORAX (NoPT) (TF) (FB) (40E) (41E)			325.69 / 7.30			2100		ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: J ROUTE TYPE QUALIFIER 2: S WAAS CHANNEL # 42601 REFERENCE PATH ID: W06A CHART WAAS SYMBOL							
NEWBE (IAF) (40E) (43A)	HORAX (NoPT) (TF) (FB) (40E) (41E)			099.22 / 12.47			2100									
HORAX (IF / IAF) (40E) (43I)	LIBIY (TF) (FB) (40E) (43F)			055.49 / 6.70			2000		MAG VAR: 15W EPOCH YEAR: 80							
LIBIY (FAF) (40E) (43F)	RW06 (TF) (FO) (40G) (41Y) (43M)			055.55 / 5.82												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW HORAX, RT, 055.49 INBOUND, 2100 FT IN LIEU OF PT (IAF) (HF) (40E) (43C) 3. FAC: 055.55 FAF: LIBIY DIST FAF TO MAP: 5.82 THLD: 5.82 4. MIN. ALT: HORAX 2100, LIBIY 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 59.3 34:1 IS NOT CLEAR 8. MSA FROM: RW06 2100																
MINIMUMS																
TAKEOFF:	STANDARD	X	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	323	1	265	323	1	265	323	1	265	323	1	265				
LNAV/VNAV DA	399	1 1/4	341	399	1 1/4	341	399	1 1/4	341	399	1 1/4	341				
LNAV MDA	380	1	322	380	1	322	380	1	322	380	1	322				
CIRCLING	460	1	393	520	1	453	520	1 1/2	453	620	2	553				
NOTES: CHART NOTES: DME/ DME RNP-0.3 NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C @ NA WHEN LOCAL WEATHER NOT AVAILABLE. (5F) OR ABOVE 49C (120F). BARO-VNAV NA WHEN USING HYANNIS ALTIMETER SETTING. IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE ALL DAs/MDAs 60 FEET. VISIBILITY REDUCTION BY HELICOPTERS NA.																
CITY AND STATE			ELEVATION: 67 TDZE: 58			FACILITY IDENTIFIER:			PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:				
VINEYARD HAVEN, MA			AIRPORT NAME: MARTHAS VINEYARD			RNAV			JUL -5 2007 RNAV (GPS) RWY 6, ORIG			AMDT: NONE				
																DATE



STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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CONTINUATION OF KMOV 8260-3.

TERMINAL ROUTES

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW06 (MAP) (40G) (41Y) (43M)	323 MSL (CA) (42M)	055.55	
323 MSL	BORST (DF) (FB) (40E)		
BORST (40E)	URUCE (TF) (FB) (40E)	325.62 / 11.66	
URUCE (40E)	DAYTN (TF) (FO) (40E) (41E) (43H)	235.69 / 7.22	2000

CITY AND STATE

VINEYARD HAVEN, MA

ELEVATION:

67 TDZE:

58

AIRPORT NAME:

MARTHAS VINEYARD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

 JUL - 5 2007
 RNAV (GPS) RWY 6, ORIG

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMVY
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	412309.6835N
LTP/FTP LONGITUDE	0703712.1915W
LTP ELLIPSOIDAL HEIGHT	-00119
FPAP LATITUDE	412417.3500N
FPAP LONGITUDE	0703555.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00059.3
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	8D57818C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00170
FPAP ORTHOMETRIC HEIGHT	+00170

CITY AND STATE	ELEVATION: 67 TDZE: 58	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
VINEYARD HAVEN, MA	AIRPORT NAME: MARTHAS VINEYARD	RNAV	JUL -5 2007 RNAV (GPS) RWY 6, ORIG	AMDT: NONE
				DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
CLAMY	MVY VOR/DME (FB)	000.05 / 13.56	1800	LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 2500 DIRECT SILOC AND LEFT TURN VIA 161.42 TRACK TO CLAMY AND HOLD.	
MVY VOR/DME	CHOPY (FB)	056.38 / 10.84	1800		
ACK VOR/DME (IAF)	CHOPY (NOPT) (FB)	322.99 / 24.42	1700		
PEAKE (IAF)	CHOPY (NOPT) (FB)	235.84 / 3.10	1700		
CHOPY (IF/IAF)	BEPAY (FB)	235.71 / 6.31	1500	ADDITIONAL FLIGHT DATA: HOLD W, LT, 090.00 INBOUND. CHART FAS OBST: 127 TREE 412416N/0703557W CHART FAS OBST: 189 TREE 412520N/0703531W CHART VDP AT 1.03 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 48804 REFERENCE PATH ID: W24A CHART WAAS SYMBOL CHART APT ELEV: 67. CHART TDZE: 62. DISTANCE TO THLD FROM 279 HAT: 0.72 NM	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. **HOLD NE CHOPY, LT, 235.71 INBOUND, 1700 FT. IN LIEU OF PT (IAF)**

3. **FAC: 235.65 FAF: BEPAY** DIST FAF TO MAP: 4.30 THLD: 4.30

4. **MIN. ALT: CHOPY 1700, BEPAY 1500**

5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **100 HAT:** **GS ANT:**

6. **MIN GS INCPT: 1500 GS ALT AT:** **OM:** **MM:** **IM:**

7. **GS ANGLE: 3.00 TCH: 50.8 34:1 IS CLEAR**

8. **MSA FROM: RW24 2100**

MAG VAR: 15W EPOCH YEAR: 1980

MINIMUMS															
TAKEOFF:	STANDARD	X	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	341	2400	279	341	2400	279	341	2400	279	341	2400	279			
LNAV/VNAV DA	392	4000	330	392	4000	330	392	4000	330	392	4000	330			
LNAV MDA	440	2400	378	440	2400	378	440	2400	378	440	5000	378			
CIRCLING	460	1	393	520	1	453	520	1 1/2	453	620	2	553			

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000.
 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.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE VINEYARD HAVEN, MA	ELEVATION: 67 TDZE: 62 AIRPORT NAME: MARTHAS VINEYARD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 24, AMDT 1 JUL - 5 2007	SUP: AMDT: ORIG DATED 12/25/2003

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PEAKE VIA V167 SOUTHEAST BOUND.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE****ALL DAS/MDAS 60 FEET.****CHART NOTE: VDP AND BARO-VNAV NA WHEN USING HYANNIS ALTIMETER SETTING.**

CITY AND STATE

VINEYARD HAVEN, MA

ELEVATION: 67 TDZE: 62

AIRPORT NAME:

MARTHAS VINEYARD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 24, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG

DATED: 12/25/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMVY
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	412350.9645N
LTP/FTP LONGITUDE	0703625.1850W
LTP/FTP ELLIPSOIDAL HEIGHT	-00100
FPAP LATITUDE	412309.6835N
FPAP LONGITUDE	0703712.1915W
THRESHOLD CROSSING HEIGHT (TCH)	00050.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	95.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

26A69300

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00189
FPAP ORTHOMETRIC HEIGHT	+00189

CITY AND STATE
VINEYARD HAVEN, MA

ELEVATION: 67 TDZE: 62
AIRPORT NAME:
MARTHAS VINEYARD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 24, AMDT 1
JUL -5 2007

SUP:	
AMDT:	ORIG
DATED:	12-25-2003

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.

[illegible][illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890

SUSAP	KMVK6AMVY	0	055YHN412334	90W0703651	60W015000067			1800018000C	MNAR	MARTHAS VINEYARD			

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMVYK6FR24	AACK	010ACK	K6D 0V	A	IF				18000		A JS	
SUSAP	KMVYK6FR24	AACK	020CHOPYK6EA0EE		010TF		32300244	+	01700			A JS	
SUSAP	KMVYK6FR24	ACLAMY	010CLAMYK6EA0E		IF					18000		A JS	
SUSAP	KMVYK6FR24	ACLAMY	020MVY	K6D 0V		020TF	00010136	+	01800			A JS	
SUSAP	KMVYK6FR24	ACLAMY	030CHOPYK6EA0E		020TF		05640108	+	01800			A JS	
SUSAP	KMVYK6FR24	ACLAMY	040CHOPYK6EA0EE	CL	HF		23570040	+	01700			A JS	
SUSAP	KMVYK6FR24	APEAKE	010PEAKEK6EA0E	A	IF					18000		A JS	
SUSAP	KMVYK6FR24	APEAKE	020CHOPYK6EA0EE		010TF		23580031	+	01700			A JS	
SUSAP	KMVYK6FR24	R	010CHOPYK6EA0E	I	IF			+	01700	18000		A JS	
SUSAP	KMVYK6FR24	R	020BEPAYK6EA0E	F	051TF		23570063	+	01500		RW24	K6PGA	JS
SUSAP	KMVYK6FR24	R	030RW24	K6PGOG	M	031TF	23570043		00113	-300		A JS	
SUSAP	KMVYK6FR24	R	040SILOCK6EA0E		010DF							A JS	
SUSAP	KMVYK6FR24	R	050CLAMYK6EA0EY	L010TFY			1614	+	02500			A JS	
SUSAP	KMVYK6FR24	R	060CLAMYK6EA0EE	HL020HM			09000040	+	02500			A JS	

1	2	3	4	5	6	7	8	9	0	1	2	3

CITY AND STATE VINEYARD HAVEN, MA	ELEVATION: 67	TDZE: 62	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 24, AMDT 1 JUL - 5 2007	SUP:	
	AIRPORT NAME:				AMDT:	ORIG
	MARTHAS VINEYARD				DATED:	12-25-2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMVYK6GRW24 0055042356 N41235096W070362519-0100 00062000051100

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMVYK6PR24 RW24 001 0000W24A0N4123509645W07036251850-001000300N4123096835W07037121915095750000000508F40050026A69300
SUSAP KMVYK6PR24 RW24 002 +00189+00189W24A 48804 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMVYK6SRW24 K6PG 0 25180021 M

CITY AND STATE
VINEYARD HAVEN, MA

ELEVATION: 67 TDZE: 62
AIRPORT NAME:
MARTHAS VINEYARD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 24, AMDT 1

JUL - 5 2003

SUP:

AMDT:

DATED:

ORIG

12-28-2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ACK	ACK	010	IAF	IF		FB				
	ACK	CHOPY	020		TF		FB	1.0	323.0 (308T)	024.4	01700
	CLAMY	CLAMY	010		IF		FB				
	CLAMY	MVY	020		TF		FB	2.0	000.1 (345T)	013.6	01800
	CLAMY	CHOPY	030		TF		FB	2.0	056.4 (041T)	010.8	01800
	CLAMY	CHOPY	040		HF	L	FB		235.7 (221T)	004.0	01700
	PEAKE	PEAKE	010	IAF	IF		FB				
	PEAKE	CHOPY	020		TF		FB	1.0	235.8 (221T)	003.1	01700
		CHOPY	010	FACF	IF		FB				01700
		BEPAY	020	FAF	TF		FB	0.5	235.7 (221T)	006.3	01500
		RW24	030	MAP	TF		FB	0.3	235.7 (221T)	004.3	00113

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SILOC	040		DF		FB	1.0			
	CLAMY	050		TF	L	FO	1.0	161.4 (146T)		02500
	CLAMY	060		HM	L	FO	2.0	090.0 (075T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACK	N411654.70	W0700136.10	N4116.912	W07001.602
	MVY	N412346.36	W0703645.80	N4123.773	W07036.763
	BEPAY	N412706.91	W0703241.81	N4127.115	W07032.697
	CHOPY	N413154.12	W0702713.46	N4131.902	W07027.224
	CLAMY	N411040.00	W0703206.97	N4110.667	W07032.116
	PEAKE	N413414.87	W0702431.61	N4134.248	W07024.527
	SILOC	N412014.42	W0704031.49	N4120.240	W07040.525
	RW24	N412350.96	W0703625.19	N4123.849	W07036.420

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW24	00062	51

CITY AND STATE
VINEYARD HAVEN, MA

ELEVATION: 67 TDZE: 62
 AIRPORT NAME:
 MARTHAS VINEYARD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 24, AMDT 1

JUL - 5 2003

SUP:

AMDT: ORIG

DATED: 12-25-2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.23 MILES AFTER HULKA INT/5.06 DME/RADAR
BHOLD/I-DWC 17.40 DME/RADAR (IAF)	LUPAY/I-DWC 14.09 DME/RADAR	214.71 / 3.31 (I-DWC)	5000*	CLIMB TO 3000 DIRECT CRL VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT DM LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, HOLD E, RT, 275.00 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD S, RT, 016.00 INBOUND. CHART FAS OBST: 770 TOWER 421506N/0831941W CHART VDP AT 1.05 DME; DISTANCE VDP TO THLD 1.22 MILES. CHART IN PLANVIEW: DM LOM. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT DM LOM. CHART AIRPORT ELEV 645 CHART LOC RWY 21L.
LUPAY/14.09 DME/RADAR (IF)	OSKER/I-DWC 10.79 DME/RADAR	214.71 / 3.31 (I-DWC)	4000	
OSKER/10.79 DME/RADAR	ROUGE/I-DWC 7.47 DME/RADAR	214.71 / 3.31 (I-DWC)	3000	
ROUGE/7.47 DME/RADAR	HULKA INT/I-DWC 5.06 DME/RADAR	214.71 / 2.41 (I-DWC)	2300	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BHOLD/I-DWC 17.40 DME/RADAR
- FAC: 214.71 FAF: HULKA INT/I-DWC 5.06 DME/RADAR DIST FAF TO MAP: 5.23 THLD: 5.23
- MIN. ALT: BHOLD 6000*, LUPAY 5000*, OSKER 4000, ROUGE 3000, HULKA 2300
- DIST TO THLD FROM OM: 5.23 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1201
- MIN GS INCPT: 2300 GS ALT AT: HULKA 2300 OM: - MM: - IM: -
- GS ANGLE: 2.85 TCH: 57.0
- MSA FROM: CRL VORTAC 3100

MAG VAR: 6W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: ☒ STANDARD	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 22L	837	2400	200	837	2400	200	837	2400	200	837	2400	200			
S-LOC 22L	1080	2400	443	1080	2400	443	1080	4000	443	1080	5000	443			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 21L.
CHART PLANVIEW NOTE: RADAR REQUIRED
*4000 WHEN DIRECTED BY ATC.

CITY AND STATE DETROIT, MI	ELEVATION: 645 TDZE: 637 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	FACILITY IDENTIFIER: I-DWC	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 22L, AMDT 28 JUL -5 2007	SUP: ILS RWY 22L
				AMDT: 27
				DATED 08/08/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUZSU	JIBOG (FB)	278.97 / 8.23	3000
SPRINGFIELD VORTAC	OSOYE (FB)	356.51 / 25.96	3000
JIBOG (IAF)	OSOYE (NOPT) (FB)	269.27 / 5.00	3000
OLLII (IAF)	OSOYE (NOPT) (FB)	089.09 / 9.15	3000
OSOYE (IF/IAF)	CHIKE (FB)	179.21 / 6.10	2800

MISSED APPROACH

LNAV: RW18

CLIMBING LEFT TURN TO 3000 DIRECT OSOYE AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART ARRIVAL HOLDING AT SPRINGFIELD VORTAC:
HOLD SE, RT, 336.02 INBOUND, 3000.
CHART FAS OBST: 1269 TREE 373660N/0932111W
CHIKE TO RW18: 3.04/38

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N OSOYE, RT, 179.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 179.20 FAF: CHIKE DIST FAF TO MAP: 5.17 THLD: 5.17
- MIN. ALT: OSOYE 3000, CHIKE 2800, YUPUN/2.00 NM TO RW18 1760
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW18 3100

MAG VAR: 3E

EPOCH YEAR: 2000

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

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	1600	1	508	1600	1	508	1600	1 1/2	508		NA				
CIRCLING	1660	1	568	1660	1	568	1660	1 1/2	568		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: USE SPRINGFIELD-BRANSON NATIONAL ALTIMETER SETTING.

CHART PLANVIEW NOTE: HOLDING NOT REQUIRED FOR ARRIVALS ON SGF VORTAC AIRWAY RADIALS 075 CW 272.

CITY AND STATE

BOLIVAR, MO

ELEVATION: 1092 TDZE: 1092

AIRPORT NAME:

BOLIVAR MUNICIPAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 18, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KM17K3FP18	AOLLII	010OLLIK3EA0E	A	IF					18000		G	S
SUSAP	KM17K3FP18	AOLLII	020SOYEK3EA0EE		010TF		08910092	+	03000			G	S
SUSAP	KM17K3FP18	ARUZSU	010RUZSUK3EA0E		IF					18000		G	S
SUSAP	KM17K3FP18	ARUZSU	020JIBOGK3EA0E	A	020TF		27900082	+	03000			G	S
SUSAP	KM17K3FP18	ARUZSU	030SOYEK3EA0EE		010TF		26930050	+	03000			G	S
SUSAP	KM17K3FP18	ASPRIN	010SPRINK3EA0E		IF					18000		G	S
SUSAP	KM17K3FP18	ASPRIN	020SOYEK3EA0E	A	020TF		35650260	+	03000			G	S
SUSAP	KM17K3FP18	ASPRIN	030SOYEK3EA0EE	CR	HF		17920050	+	03000			G	S
SUSAP	KM17K3FP18	P	010SOYEK3EA0E	I	IF			+	03000	18000		G	S
SUSAP	KM17K3FP18	P	020CHIEK3EA0E	F	051TF		17920061	+	02800		RW18	K3PGG	S
SUSAP	KM17K3FP18	P	021YUPUNK3EA0E	S	031TF		17920032	V	0176001775		-304		G
SUSAP	KM17K3FP18	P	030RW18	K3PG0GY	M	031TF	17920020		01130		-304		G
SUSAP	KM17K3FP18	P	040		M	010CA	1792	+	01492				G
SUSAP	KM17K3FP18	P	050SOYEK3EA0EY	L010DF				+	03000				G
SUSAP	KM17K3FP18	P	060SOYEK3EA0EE	HR020HM			17920050	+	03000				G

[illegible]

CITY AND STATE BOLIVAR, MO	ELEVATION: 1092 TDZE: 1092 AIRPORT NAME: BOLIVAR MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED:



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[illegible]

SUP:	
AMDT:	NONE
DATED:	



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OLLII	OLLII	010	IAF	IF		FB				
	OLLII	OSOYE	020		TF		FB	1.0	089.1 (092T)	009.2	03000
	RUZSU	RUZSU	010		IF		FB				
	RUZSU	JIBOG	020	IAF	TF		FB	2.0	279.0 (282T)	008.2	03000
	RUZSU	OSOYE	030		TF		FB	1.0	269.3 (272T)	005.0	03000
	SPRIN	SPRIN	010		IF		FB				
	SPRIN	OSOYE	020	IAF	TF		FB	2.0	356.5 (360T)	026.0	03000
	SPRIN	OSOYE	030		HF	R	FB		179.2 (182T)	005.0	03000
		OSOYE	010	FACF	IF		FB				03000
		CHIKE	020	FAF	TF		FB	0.5	179.2 (182T)	006.1	02800
		YUPUN	021	SDF	TF		FB	0.3	179.2 (182T)	003.2	01760
		RW18	030	MAP	TF		FO	0.3	179.2 (182T)	002.0	01130

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	179.2 (182T)		01492
	OSOYE	050		DF	L	FO	1.0			03000
	OSOYE	060		HM	R	FO	2.0	179.2 (182T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHIKE	N374114.85	W0932037.00	N3741.248	W09320.617
	JIBOG	N374709.25	W0931401.10	N3747.154	W09314.018
	OLLII	N374741.63	W0933151.08	N3747.694	W09331.851
	OSOYE	N374721.00	W0932019.26	N3747.350	W09320.321
	RUZSU	N374527.15	W0930351.77	N3745.453	W09303.863
	SPRIN	N372121.41	W0932002.54	N3721.357	W09320.042
	YUPUN	N373804.83	W0932046.19	N3738.081	W09320.770
	RW18	N373604.78	W0932051.99	N3736.080	W09320.867

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01092	38

CITY AND STATE

BOLIVAR, MO

ELEVATION: 1092 TDZE: 1092

AIRPORT NAME:

BOLIVAR MUNICIPAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 18, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SPRINGFIELD VORTAC (IAF)	UNHIC (FB)	336.02 / 3.10	3000	LPV: DA LNAV: RW36
UNHIC (IF)	ZOXBV (FB)	359.20 / 6.00	2800	CLIMB TO 3000 DIRECT OSOYE AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 179.21 INBOUND. CHART ARRIVAL HOLDING AT SPRINGFIELD VORTAC: HOLD SE, RT, 336.02 INBOUND, 3000. CHART FAS OBST: 1249 TREE 373306N/0932150W WAAS CHANNEL # 78303 REFERENCE PATH ID: W36A DISTANCE TO THLD FROM 356 HAT: 0.99 NM

- PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- PROFILE STARTS AT UNHIC
- FAC: 359.20 FAF: ZOXBV DIST FAF TO MAP: 5.16 THLD: 5.16
- MIN. ALT: UNHIC 3000, ZOXBV 2800, CITSV2.10 NM TO RW36 1800*
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: 2800 GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW36 3600

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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	1448	1 1/4	356	1448	1 1/4	356	1448	1 1/4	356		NA					
LNAV MDA	1580	1	488	1580	1	488	1580	1 1/4	488		NA					
CIRCLING	1660	1	568	1660	1	568	1660	1 1/2	568		NA					

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON SGF VORTAC AIRWAY RADIALS 075 CW 236.
CHART PROFILE NOTE: VGS1 AND RNAV GLIDE PATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE BOLIVAR, MO	ELEVATION: 1092 TDZE: 1092 AIRPORT NAME: BOLIVAR MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.***LNAV ONLY****CHART NOTE: USE SPRINGFIELD-BRANSON NATIONAL ALTIMETER SETTING.**

CITY AND STATE

BOLIVAR, MO**ELEVATION: 1092 TDZE: 1092**

AIRPORT NAME:

BOLIVAR MUNICIPALFACILITY
IDENTIFIER:**RNAV**

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 36, ORIG**JUL - 5 2007**

SUP:

AMDT: **NONE**

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KM17
RW36
0

0
W36A
373525.2620N
0932053.8950W
+03027
373654.4000N
0932049.6000W
00040.0
F
03.00
106.75
1528
40.0
50.0

CRC REMAINDER

4CEA36DC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+03329
+03329

CITY AND STATE BOLIVAR, MO	ELEVATION: 1092 TDZE: 1092 AIRPORT NAME: BOLIVAR MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 36, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED:



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[illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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SUSAP KM17K3SRW36 K3PG

0 25180036

M

CITY AND STATE

BOLIVAR, MO

ELEVATION: 1092 TDZE: 1092

AIRPORT NAME:

BOLIVAR MUNICIPAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 36, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SPRIN	SPRIN	010	IAF	IF		FB				
	SPRIN	UNHIC	020		TF		FB	1.0	336.0 (339T)	003.1	03000
		UNHIC	010	FACF	IF		FB				03000
		ZOXB	020	FAF	TF		FB	0.5	359.2 (002T)	006.0	02800
		CITSI	021	SDF	TF		FB	0.3	359.2 (002T)	003.1	01800
		RW36	030	MAP	TF		FO	0.3	359.2 (002T)	002.1	01132

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OSOYE	040		DF		FO	1.0			03000
	OSOYE	050		HM	R	FO	2.0	179.2 (182T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CITSI	N373319.20	W0932059.98	N3733.320	W09321.000
	OSOYE	N374721.00	W0932019.26	N3747.350	W09320.321
	SPRIN	N372121.41	W0932002.54	N3721.357	W09320.042
	UNHIC	N372415.40	W0932126.16	N3724.257	W09321.436
	ZOXB	N373015.57	W0932108.83	N3730.260	W09321.147
	RW36	N373525.26	W0932053.90	N3735.421	W09320.898

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01092	40

CITY AND STATE
BOLIVAR, MO

ELEVATION: 1092 TDZE: 1092
 AIRPORT NAME:
 BOLIVAR MUNICIPAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 36, ORIG
 JUL - 5 2007

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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TERMINAL ROUTES				MISSED APPROACH																																																																																																																																	
FROM	TO	COURSE AND DISTANCE	ALTITUDE																																																																																																																																		
				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: _____																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF:</td> <td>STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> <td colspan="4"></td> </tr> <tr> <td>CATEGORY</td> <td colspan="3">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>								TAKEOFF:	STANDARD	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																																																																																
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CITY AND STATE BOLIVAR, MO		ELEVATION: 1092 TDZE: 1092 AIRPORT NAME: BOLIVAR MUNICIPAL		FACILITY IDENTIFIER: GPS		PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: GPS RWY 18, ORIG, 03/25/1999		SUP AMDT NONE DATE																																																																																																																													



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

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:		STANDARD		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		

NOTES:

PROCEDURE CANCELED EFFECTIVE JUL - 5 2007

CITY AND STATE BOLIVAR, MO	ELEVATION: 1092 TDZE: 1092 AIRPORT NAME: BOLIVAR MUNICIPAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: GPS RWY 36, ORIG, 03/25/1999	SUP NONE DATE



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 18, STANDARD.

RWY 36, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 252 FEET PER NM TO 1400.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, EAST-WEST ROAD+VEHICLE AND TRANSMISSION LINES AND POLES BEGINNING 627' FROM DER, UP TO 40' AGL/1138' MSL. MULTIPLE TREES BEGINNING 667' FROM DER, 6' LEFT OF CENTERLINE, UP TO 75' AGL/1148' MSL. SILO 1059' FROM DER, 677' LEFT OF CENTERLINE, 100' AGL/1200' MSL. MULTIPLE TREES BEGINNING 147' FROM DER, 39' RIGHT OF CENTERLINE, UP TO 75' AGL/1157' MSL.

NOTE: RWY 36, TRANSMISSION LINES AND POLES BEGINNING 1208' FROM DER, 189' LEFT OF CENTERLINE, UP TO 40' AGL/1137' MSL. EAST-WEST TRANSMISSION LINES AND POLES BEGINNING 1925' FROM DER, UP TO 50' AGL/1165' MSL. MULTIPLE TREES BEGINNING 659' FROM DER, 58' RIGHT OF CENTERLINE, UP TO 75' AGL/1201' MSL. TREE 5471' FROM DER, 1766' LEFT OF CENTERLINE, 100' AGL/1269' MSL.

(4) CONTROLLING OBSTACLES:

RWY 36: 1,269' MSL TREE 373659.50N/0932111.32W.

(5) City, State

BOLIVAR, MO

(6) Airport

BOLIVAR MUNICIPAL

(7) Effective Date

JUL - 5 2007

(8) Amdt. No.

ORIG



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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.																																																																																																																					
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NOTES: _____ JUL 5 2007 PROCEDURE CANCELED EFFECTIVE _____																																																																																																																										
CITY AND STATE COLUMBUS/W PT/STARKVILLE, MS		ELEVATION: 264 TDZE: 264 AIRPORT NAME: GOLDEN TRIANGLE REGIONAL			FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 18, ORIG-A, 07/15/1999					SUP AMDT ORIG DATE 02/23/1999																																																																																																														

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
CLOUT	ICOVU (FB)	042.62 / 13.29	2000	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 2400 DIRECT BAYAD AND RIGHT TURN VIA 299.42 TRACK TO CLOUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.65 INBOUND. CHART FAS OBST: 332 TREE 332736N/0883541W CHART VDP AT 1.08 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 63203 REFERENCE PATH ID: W18A DISTANCE TO THLD FROM 250 HAT: 0.62 NM											
IGB VORTAC	HUYKA (FB)	337.05 / 10.17	2000												
ICOVU (IAF)	HUYKA (NOPT) (FB)	089.41 / 5.00	2000												
HUYKA (IF/IAF)	KEKWO (FB)	179.47 / 6.41	1800												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N HUYKA, RT, 179.47 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 179.47 FAF: KEKWO DIST FAF TO MAP: <u>4.59</u> THLD: <u>4.59</u> 4. MIN. ALT: HUYKA 2000, KEKWO 1800 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: KEKWO OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.4</u> 34:1 IS CLEAR 8. MSA FROM: RW18 3400				MAG VAR: 1E EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	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	514	1/2	250	514	1/2	250	514	1/2	250	514	1/2	250			
LNAV/VNAV DA	582	1/2	318	582	1/2	318	582	1/2	318	582	3/4	318			
LNAV MDA	660	1/2	396	660	1/2	396	660	1/2	396	660	1	396			
CIRCLING	760	1	496	760	1	496	760	1 1/2	496	820	2	556			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 AND LNAV/VNAV CAT D VISIBILITY TO 1. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TUPELO REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 140 FEET. SEE 8260-10															
CITY AND STATE				ELEVATION: 264 TDZE: 264		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:				SUP:			
COLUMBUS/W PT/STARKVILLE, MS				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 18, ORIG				AMDT: NONE			
				GOLDEN TRIANGLE REGIONAL				JUL 5 2007				DATED			



RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

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 NOTE: BARO-VNAV AND VDP NA WHEN USING TUPELO REGIONAL ALTIMETER SETTING.

CITY AND STATE COLUMBUS/W PT/STARKVILLE, MS	ELEVATION: 264 TDZE: 264	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP:
	AIRPORT NAME: GOLDEN TRIANGLE REGIONAL			AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KGTR
RW18
0

0
W18A
332733.3470N
0883528.6195W
+00511
332619.2700N
0883529.3400W
00057.4
F
03.00
106.75
0304
40.0
50.0

CRC REMAINDER

6F32CF95

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+00793
+00793

CITY AND STATE COLUMBUS/W PT/STARKVILLE, MS	ELEVATION: 264 TDZE: 264 AIRPORT NAME: GOLDEN TRIANGLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

CITY AND STATE COLUMBUS/W PT/STARKVILLE, MS	ELEVATION: 264 TDZE: 264 AIRPORT NAME: GOLDEN TRIANGLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:



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CITY AND STATE COLUMBUS/W PT/STARKVILLE, MS	ELEVATION: 264 TDZE: 264 AIRPORT NAME: GOLDEN TRIANGLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 18, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLOUT	CLOUT	010		IF		FB				
	CLOUT	ICOVU	020	IAF	TF		FB	2.0	042.6 (044T)	013.3	02000
	CLOUT	HUYKA	030		TF		FB	1.0	089.4 (090T)	005.0	02000
	IGB	IGB	010		IF		FB				
	IGB	HUYKA	020		TF		FB	2.0	337.1 (338T)	010.2	02000
	IGB	HUYKA	030		HF	R	FB		179.5 (181T)	004.0	02000
		HUYKA	010	FACF	IF		FB				02000
		KEKWO	020	PAF	TF		FB	0.5	179.5 (181T)	006.4	01800
		RW18	030	MAP	TF		FO	0.3	179.5 (181T)	004.6	00317

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAYAD	040		DF		FB	1.0			
	CLOUT	050		TF	R	FO	1.0	299.4 (300T)		02400
	CLOUT	060		HM	R	FO	2.0	085.7 (087T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IGB	N332907.75	W0883048.93	N3329.129	W08830.816
	BAYAD	N332044.63	W0883532.62	N3320.744	W08835.544
	CLOUT	N332859.30	W0885220.20	N3328.988	W08852.337
	HUYKA	N333834.65	W0883522.13	N3338.578	W08835.369
	ICOVU	N333836.97	W0884121.46	N3338.616	W08841.358
	KEKWO	N333209.35	W0883525.92	N3332.156	W08835.432
	RW18	N332733.35	W0883528.62	N3327.556	W08835.477

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00260	57

CITY AND STATE
COLUMBUS/W PT/STARKVILLE, MS

ELEVATION: 264 TDZE: 264
 AIRPORT NAME:
 GOLDEN TRIANGLE REGIONAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
 RNAV (GPS) RWY 18, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
WIKZO	IVECO (FB)	055.67 / 15.42	3000	LPV: DA LNAV/VNAV: DA LNAV: RW13
RAKIN	YOKUT (FB)	134.65 / 32.22	3000	
IVECO (IAF)	FEMON (FB)	072.75 / 5.23	2000	CLIMB TO 2000 DIRECT GULCO AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 3000.
BAING (IAF)	FEMON (FB)	212.42 / 10.82	2000	
YOKUT (IAF)	FEMON (FB)	134.89 / 5.00	2000	
FEMON (IF)	EKLOW (FB)	134.75 / 6.10	2000	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 314.88 INBOUND. CHART FAS OBST: 326 TREE 314113N/0891116W CHART FAS OBST: 365 TREE 314039N/0891020W CHART 489 TREE 314357.31N/0891613.42W CHART VDP AT 1.14 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 45704 REFERENCE PATH ID: W13A DISTANCE TO THLD FROM 343 HAT: 0.98 NM

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT FEMON
- FAC: 134.79 FAF: EKLOW DIST FAF TO MAP: 5.35 THLD: 5.35
- MIN. ALT: FEMON 2000, EKLOW 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: FEMON OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM: RW13 2700

MAG VAR: 0E

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒									
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	581	1 1/4	343	581	1 1/4	343	581	1 1/4	343	581	1 1/4	343			
LNAV/VNAV DA	623	1 1/2	385	623	1 1/2	385	623	1 1/2	385	623	1 1/2	385			
LNAV MDA	620	1	382	620	1	382	620	1	382	620	1 1/4	382			
CIRCLING	680	1	442	700	1	462	700	1 1/2	462	800	2	562			

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING HATTIESBURG-LAUREL RGNL ALTIMETER SETTING.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HATTIESBURG-LAUREL RGNL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).

SEE 8260-10

CITY AND STATE LAUREL, MS	ELEVATION: 238 TDZE: 238 AIRPORT NAME: HESLER-NOBLE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 13, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING HATTIESBURG-LAUREL RGNL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BAING VIA V543 NORTHBOUND.

CITY AND STATE

LAUREL, MS

ELEVATION: 238

TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 13, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KLUL
RUNWAY RW13
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W13A
LTP/FTP LATITUDE 314042.1350N
LTP/FTP LONGITUDE 0891044.6895W
LTP/FTP ELLIPSOIDAL HEIGHT +00434
FPAP LATITUDE 313939.1800N
FPAP LONGITUDE 0890930.6500W
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 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

4E92A5D4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00697
FPAP ORTHOMETRIC HEIGHT +00697

CITY AND STATE

LAUREL, MS

ELEVATION: 238 TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 13, ORIG

JUL 5 2007

SUP:

AMDT: NONE 04

DATED: APPROVED

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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ARINC PACKET - 424-17[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLULK7FR13	ABAING	010BAINGK7EA0E	A	IF					18000			A JS	
SUSAP KLULK7FR13	ABAING	020FEMONK7EA0EE		010TF		21240108		+ 02000				A JS	
SUSAP KLULK7FR13	ARAKIN	010RAKINK7EA0E		IF					18000			A JS	
SUSAP KLULK7FR13	ARAKIN	020YOKUTK7EA0E	A	020TF		13470322		+ 03000				A JS	
SUSAP KLULK7FR13	ARAKIN	030FEMONK7EA0EE		010TF		13490050		+ 02000				A JS	
SUSAP KLULK7FR13	AWIKZO	010WIKZOK7EA0E		IF					18000			A JS	
SUSAP KLULK7FR13	AWIKZO	020IVECOK7EA0E	A	020TF		05570154		+ 03000				A JS	
SUSAP KLULK7FR13	AWIKZO	030FEMONK7EA0EE		010TF		07280052		+ 02000				A JS	
SUSAP KLULK7FR13	R	010FEMONK7EA0E	I	IF				+ 02000	18000			A JS	
SUSAP KLULK7FR13	R	020EKLOWK7EA0E	F	051TF		13480061		+ 02000			RW13	K7PGA JS	
SUSAP KLULK7FR13	R	030RW13 K7PGOGY	M	031TF		13480054		00269		-300		A JS	
SUSAP KLULK7FR13	R	040GULCOK7EA0EYM		010DF				+ 02000				A JS	
SUSAP KLULK7FR13	R	050GULCOK7EA0EE		HR020HM		31490040		+ 02000				A JS	

[illegible]

CITY AND STATE
LAUREL, MS

ELEVATION: 238 TDZE: 238
AIRPORT NAME:
HESLER-NOBLE FIELD

**FACILITY
IDENTIFIER:**
BNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 13, ORIG
JUL 5 2007

SUP:	
AMDT:	NONE
DATED:	

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CITY AND STATE LAUREL, MS	ELEVATION: 238 TDZE: 238 AIRPORT NAME: HESLER-NOBLE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 13, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED:

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)
PAGE 5 OF 6 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAING	BAING	010	IAF	IF		FB				
	BAING	FEMON	020		TF		FB	1.0	212.4 (212T)	010.8	02000
	RAKIN	RAKIN	010		IF		FB				
	RAKIN	YOKUT	020	IAF	TF		FB	2.0	134.7 (135T)	032.2	03000
	RAKIN	FEMON	030		TF		FB	1.0	134.9 (135T)	005.0	02000
	WIKZO	WIKZO	010		IF		FB				
	WIKZO	IVECO	020	IAF	TF		FB	2.0	055.7 (056T)	015.4	03000
	WIKZO	FEMON	030		TF		FB	1.0	072.8 (073T)	005.2	02000
		FEMON	010	FACF	IF		FB				02000
		EKLOW	020	FAF	TF		FB	0.5	134.8 (135T)	006.1	02000
		RW13	030	MAP	TF		FO	0.3	134.8 (135T)	005.4	00269

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GULCO	040		DF		FO	1.0			02000
	GULCO	050		HM	R	FO	2.0	314.9 (315T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAING	N315756.35	W0891328.22	N3157.939	W08913.470
	EKLOW	N314429.00	W0891511.83	N3144.483	W08915.197
	FEMON	N314847.16	W0892016.48	N3148.786	W08920.275
	GULCO	N313630.29	W0890548.80	N3136.505	W08905.813
	IVECO	N314714.12	W0892607.86	N3147.235	W08926.131
	RAKIN	N321503.82	W0895121.00	N3215.064	W08951.350
	WIKZO	N313832.19	W0894104.20	N3138.537	W08941.070
	YOKUT	N315219.47	W0892425.99	N3152.325	W08924.433
	RW13	N314042.14	W0891044.69	N3140.702	W08910.745

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13	00229		40

CITY AND STATE
LAUREL, MS

ELEVATION: 238 TDZE: 238
 AIRPORT NAME:
 HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 13, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LBV VORTAC	MEVQO (FB)	075.00 / 13.61	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31
JANES	KEXTE (FB)	248.77 / 27.97	2400	
KEXTE (IAF)	LUJUZ (FB)	224.88 / 5.00	2400	CLIMB TO 3000 DIRECT FEMON AND HOLD.
MEVQO (IAF)	LUJUZ (FB)	044.80 / 5.00	2400	
PICAN (IAF)	LUJUZ (FB)	312.15 / 9.37	2400	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.79 INBOUND. CHART FAS OBST: 368 TOWER 313929N/0891013W CHART VDP AT 1.13 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 86404 REFERENCE PATH ID: W31A DISTANCE TO THLD FROM 343 HAT: 0.96 NM
LUJUZ (IF)	GULCO (FB)	314.92 / 6.10	1900	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT LUJUZ
3. FAC: 314.88 FAF: GULCO DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: LUJUZ 2400, GULCO 1900
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1900 GS ALT AT: GULCO OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW31 2700

MAG VAR: 0E

EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	STANDARD	X	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	581	1 1/4	343	581	1 1/4	343	581	1 1/4	343	581	1 1/4	343				
LNAV/VNAV DA	638	1 1/2	400	638	1 1/2	400	638	1 1/2	400	638	1 1/2	400				
LNAV MDA	620	1	382	620	1	382	620	1	382	620	1 1/4	382				
CIRCLING	680	1	442	700	1	462	700	1 1/2	462	800	2	562				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING HATTIESBURG-LAUREL RGNL ALTIMETER SETTING.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HATTIESBURG-LAUREL RGNL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
SEE 8260-10

CITY AND STATE LAUREL, MS	ELEVATION: 238 TDZE: 238 AIRPORT NAME: HESLER-NOBLE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 31, ORIG JUL 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LBY VORTAC VIA V455 SOUTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING HATTIESBURG-LAUREL RGNL ALTIMETER SETTING.

CITY AND STATE

LAUREL, MS

ELEVATION: 238 TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 31, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KLUL
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W31A
REFERENCE PATH IDENTIFIER (APPROACH ID) 314003.6660N
LTP/FTP LATITUDE 0890959.4500W
LTP/FTP LONGITUDE +00451
LTP/FTP ELLIPSOIDAL HEIGHT 314106.6300N
FPAP LATITUDE 0891113.4900W
FPAP LONGITUDE 00040.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1072
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

1311D0D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00714
FPAP ORTHOMETRIC HEIGHT +00714

CITY AND STATE

LAUREL, MS

ELEVATION: 238 TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 31, ORIG

JUL 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLULK7FR31	AJANES	010JANESK7EA0E	IF						18000		A JS	
SUSAP	KLULK7FR31	AJANES	020KEXTEK7EA0E	A 020TF		24880280		+ 02400				A JS	
SUSAP	KLULK7FR31	AJANES	030LUJUZK7EA0EE	010TF		22490050		+ 02400				A JS	
SUSAP	KLULK7FR31	ALBY	010LBY K7D 0V	IF						18000		A JS	
SUSAP	KLULK7FR31	ALBY	020MEVQOK7EA0E	A 020TF		07500136		+ 03000				A JS	
SUSAP	KLULK7FR31	ALBY	030LUJUZK7EA0EE	010TF		04480050		+ 02400				A JS	
SUSAP	KLULK7FR31	APICAN	010PICANK7EA0E	A IF						18000		A JS	
SUSAP	KLULK7FR31	APICAN	020LUJUZK7EA0EE	010TF		31220094		+ 02400				A JS	
SUSAP	KLULK7FR31	R	010LUJUZK7EA0E	I IF				+ 02400		18000		A JS	
SUSAP	KLULK7FR31	R	020GULCOK7EA0E	F 051TF		31490061		+ 01900			RW31	K7PGA JS	
SUSAP	KLULK7FR31	R	030RW31 K7PGOGY	M 031TF		31490050		00274		-300		A JS	
SUSAP	KLULK7FR31	R	040FEMONK7EA0EYM	010DF				+ 03000				A JS	
SUSAP	KLULK7FR31	R	050FEMONK7EA0EE	HR020HM		13480040		+ 03000				A JS	

1	2	3	4	5	6	7	8	9	0	1	2	3

CITY AND STATE LAUREL, MS	ELEVATION: 238 TDZE: 238 AIRPORT NAME: HESLER-NOBLE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 31, ORIG JUL 5 2007	SUP:
				AMDT: NONE
				DATED: 

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KLULK7GRW31 0055133148 N31400367W089095945-0100 00234000040150

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KLULK7PR31 RW31 001 0000W31A0N3140036660W08909594500+004510300N3141066300W08911134900106751072000400F4005001311D0D3

SUSAP KLULK7PR31 RW31 002 +00714+00714W31A 86404 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KLULK7SRW31 K7PG 0 25180027 M

CITY AND STATE
LAUREL, MS

ELEVATION: 238 TDZE: 238
AIRPORT NAME:
HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 31, ORIG
JUL 5 2007

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JANES	JANES	010		IF		FB				
	JANES	KEXTE	020	IAF	TF		FB	2.0	248.8 (249T)	028.0	02400
	JANES	LUJUZ	030		TF		FB	1.0	224.9 (225T)	005.0	02400
	LBY	LBY	010		IF		FB				
	LBY	MEVQO	020	IAF	TF		FB	2.0	075.0 (075T)	013.6	03000
	LBY	LUJUZ	030		TF		FB	1.0	044.8 (045T)	005.0	02400
	PICAN	PICAN	010	IAF	IF		FB				
	PICAN	LUJUZ	020		TF		FB	1.0	312.2 (312T)	009.4	02400
		LUJUZ	010	FACF	IF		FB				02400
		GULCO	020	FAF	TF		FB	0.5	314.9 (315T)	006.1	01900
		RW31	030	MAP	TF		FO	0.3	314.9 (315T)	005.0	00274

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FEMON	040		DF		FO	1.0			03000
	FEMON	050		HM	R	FO	2.0	134.8 (135T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBY	N312507.26	W0892015.37	N3125.121	W08920.256
	FEMON	N314847.16	W0892016.48	N3148.786	W08920.275
	GULCO	N313630.29	W0890548.80	N3136.505	W08905.813
	JANES	N314557.15	W0882606.08	N3145.953	W08826.101
	KEXTE	N313544.55	W0885637.70	N3135.743	W08856.628
	LUJUZ	N313211.43	W0890045.38	N3132.191	W08900.756
	MEVQO	N312838.18	W0890452.75	N3128.636	W08904.879
	PICAN	N312553.78	W0885237.84	N3125.896	W08852.631
	RW31	N314003.67	W0890959.45	N3140.061	W08909.991

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW31	00234	40

CITY AND STATE
LAUREL, MS

ELEVATION: 238 TDZE: 238
 AIRPORT NAME:
 HESLER-NOBLE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 31, ORIG
 JUL 5 2007

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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: _____ STANDARD _____ 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

NOTES:

JUL 5 2007

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE

LAUREL, MS

ELEVATION: 238

TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY

IDENTIFIER:

GPS

PROCEDURE NO./AMDT NO.:

GPS RWY 13, ORIG, 9 SEP 99

SUP

AMDT

NONE

DATE



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

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: _____ STANDARD _____ 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

NOTES:

JUL 5 2007

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE

LAUREL, MS

ELEVATION: 238

TDZE: 238

AIRPORT NAME:

HESLER-NOBLE FIELD

FACILITY

IDENTIFIER:

GPS

PROCEDURE NO./AMDT NO.:

GPS RWY 31, ORIG, 9 SEP 99

SUP

AMDT

NONE

DATE



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 5.07 MILES AFTER SOUER/I-STF LOC 6.08 DME/RADAR OR AT I-STF 1.01 DME FIX CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2400 VIA HEADING 300 AND IGB R-266 TO NEEON/IGB 30.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2400 DIRECT STF NDB AND HOLD N, RT, 161.00 INBOUND. ADF REQUIRED. ADDITIONAL FLIGHT DATA: HOLD E, RT, 265.65 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N STF NDB, RT, 161.00 INBOUND. CHART FAS OBST: 464 TWR 332438N/0885048W CHART R-4404 A, B, C. CHART IN PLANVIEW: STF NDB. SOUER TO RW36: 3.04/40							
FEXIS/I-STF LOC 12.17 DME/RADAR (IF/IAF)		SOUER/I-STF LOC 6.08 DME/RADAR		359.56 / 6.10 (I-STF)				2000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S FEXIS, LT, 359.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC 359.56 FAF SOUER/I-STF LOC 6.08 DME/RADAR DIST FAF TO MAP _____ - THLD 5.07 4. MIN. ALT FEXIS 3000, SOUER 2000 8. MSA FROM: STF NDB 045-225 2100, 225-045 3400														MAG VAR: 1W		EPOCH YEAR: 2005	
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-36		720	1	394	720	1	394	720	1	394	720	1 1/4	394				
CIRCLING		920	1	587	920	1	587	920	1 1/2	587	920	2	587				
NOTES: CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOLDEN TRIANGLE REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: DME REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED.																	
CITY AND STATE				ELEVATION: 333 TDZE: 326				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO.:				SUP	
STARKVILLE, MS				AIRPORT NAME:				I-STF				LOC/DME RWY 36, ORIG				AMDT NONE	
				GEORGE M BRYAN								JUL 5 2007				DATE	



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 4, STANDARD WITH MINIMUM CLIMB OF 417 FT PER NM TO 9,000, OR 2800-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 16, STANDARD WITH MINIMUM CLIMB OF 321 FT PER NM TO 10,200, OR 2800-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 22, NA - OBSTACLES

RWY 34, STANDARD WITH MINIMUM CLIMB OF 369 FT PER NM TO 9,100, OR 2800-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 4, 34 - CLIMBING RIGHT TURN TO 10,200 VIA HEADING 130 AND CPN VOR/DME R-340 TO CPN VOR/DME, CONTINUE CLIMB-IN-HOLD TO 10,200 (N, LT, 166.00 INBOUND), OR FOR CLIMB IN VISUAL CONDITIONS, CROSS BOWMAN FIELD AIRPORT AT OR ABOVE 7,700 THEN PROCEED VIA CPN R-309 TO CPN VOR/DME, CONTINUE CLIMB-IN-HOLD TO 10,200 (N, LT, 166.00 INBOUND).

RWY 16 - CLIMBING LEFT TURN TO 10,200 VIA HEADING 100 AND CPN VOR/DME R-335 TO CPN VOR/DME, CONTINUE CLIMB-IN-HOLD TO 10,200 (N, LT, 166.00 INBOUND), OR FOR CLIMB IN VISUAL CONDITIONS, CROSS BOWMAN FIELD AIRPORT AT OR ABOVE 7,700 THEN PROCEED VIA CPN R-309 TO CPN VOR/DME, CONTINUE CLIMB-IN-HOLD TO 10,200 (N, LT, 166.00 INBOUND).

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16: MULTIPLE TREES BEGINNING 865' FROM DER, 243' LEFT OF CENTERLINE, UP TO 70' AGL/5,097' MSL. ROD ON HANGER 570' FROM DER, 278' LEFT OF CENTERLINE 54' AGL/5,054' MSL. MULTIPLE TREES BEGINNING 787' FROM DER, 165' RIGHT OF CENTERLINE, UP TO 70' AGL/5,098' MSL. MULTIPLE TRMSN LINES BEGINNING 4602' FROM DER, 1664' RIGHT OF CENTERLINE 80' AGL/5159' MSL.

NOTE: RWY 34: MULTIPLE TRMSN LINES BEGINNING 2242' FROM DER, 964' LEFT OF CENTERLINE UP TO 80' AGL/5159' MSL.

(4) CONTROLLING OBSTACLES:

RWY 4: 7,439 MSL AAO 461215.00N/1125703.00W, 7,089 MSL AAO 460632.82N/1124229.26W, 9,109 MSL AAO 455707.70N/1125600.00W.

RWY 16: 10,807 MSL AAO 460514.20N/1130548.80W, 9,109 MSL AAO 455707.70N/1125600.00W.

RWY 34: 7,439 MSL AAO 461215.00N/1125703.00W, 7,089 MSL AAO 460632.82N/1124229.26W, 9,109 MSL AAO 455707.70N/1125600.00W.

(5) City, State

ANACONDA, MT

(6) Airport

BOWMAN FIELD

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

1



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 5000 DIRECT AQIMU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 314.75 INBOUND. CHART FAS OBST: 3507 ELEV 403045N/1013840W CHART FAS OBST: 3622 TOWER 403152N/1013957W CHART VDP AT 1.59 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 66003 REFERENCE PATH ID: W13A DISTANCE TO THLD FROM 275 HAT: 0.74 NM							
HOLYO		HEXAP (FB)		060.73 / 13.92				5300									
HEXAP (IAF)		AXPUX (NOPT) (FB)		044.49 / 5.00				5100									
UYOGI (IAF)		AXPUX (NOPT) (FB)		230.86 / 5.09				5100									
AXPUX (IF/IAF)		JIKOS (FB)		134.55 / 6.18				5100									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW AXPUX, RT, 134.55 INBOUND, 5100 FT. IN LIEU OF PT (IAF) 3. FAC: 134.60 FAF: JIKOS _____ DIST FAF TO MAP: 5.52 THLD: 5.52 4. MIN. ALT: AXPUX 5100, JIKOS 5100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5100 GS ALT AT: JIKOS _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS NOT CLEAR 8. MSA FROM: RW13 5100										MAG VAR: 9E		EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF:		STANDARD		X		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	3548	1	275	3548	1	275		NA			NA						
LNAV/VNAV DA	3752	1 3/4	479	3752	1 3/4	479		NA			NA						
LNAV MDA	3820	1	547	3820	1	547		NA			NA						
CIRCLING	3860	1	585	3860	1	585		NA			NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 3275 TDZE: 3273				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO.:				SUP:	
IMPERIAL, NE				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 13, ORIG				AMDT: NONE	
				IMPERIAL MUNI								JUL - 5 2007				DATED	

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE OGALLALA ALTIMETER SETTING AND INCREASE ALL DAS 86 FEET AND ALL MDAS 100 FEET. VDP AND BARO-VNAV NA WHEN USING OGALLALA ALTIMETER SETTING.

CITY AND STATE

IMPERIAL, NE

ELEVATION: 3275 TDZE: 3273

AIRPORT NAME:

IMPERIAL MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 13, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIML
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	403053.4360N
LTP/FTP LONGITUDE	1013733.1220W
LTP/FTP ELLIPSOIDAL HEIGHT	+09753
FPAP LATITUDE	402941.6200N
FPAP LONGITUDE	1013623.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1216
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

43FB90E1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09975
FPAP ORTHOMETRIC HEIGHT	+09975

CITY AND STATE

IMPERIAL, NE

ELEVATION: 3275 TDZE: 3273

AIRPORT NAME:

IMPERIAL MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 13, ORIG

JUL - 5 2007

SUP:

AMDT:

NONE

DATED:

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIMLK3FR13	AHOLYO	010HOLYOK2EA0E	IF						18000		A JS	
SUSAP	KIMLK3FR13	AHOLYO	020HEXAPK3EA0E	A 020TF		06070139		+ 05300				A JS	
SUSAP	KIMLK3FR13	AHOLYO	030AXPUXK3EA0EE	L010TFY		04450050		+ 05100				A JS	
SUSAP	KIMLK3FR13	AUYOGI	010UYOGIK3EA0E	A IF						18000		A JS	
SUSAP	KIMLK3FR13	AUYOGI	020AXPUXK3EA0EE	010TF		23090051		+ 05100				A JS	
SUSAP	KIMLK3FR13	AAXPUX	010AXPUXK3EA0EE	CR HF		13460050		+ 05100		18000		A JS	
SUSAP	KIMLK3FR13	R	010AXPUXK3EA0E	I IF				+ 05100		18000		A JS	
SUSAP	KIMLK3FR13	R	020JIKOSK3EA0E	F 051TF		13460062		+ 05100			RW13	K3PGA	JS
SUSAP	KIMLK3FR13	R	030RW13	K3PGOGY M 031TF		13460055		03314		-300		A JS	
SUSAP	KIMLK3FR13	R	040AQIMUK3EA0EYM	010DF				+ 05000				A JS	
SUSAP	KIMLK3FR13	R	050AQIMUK3EA0EE	HR020HM		31480050		+ 05000				A JS	

[illegible][illegible]

CITY AND STATE
IMPERIAL, NE

ELEVATION: 3275 TDZE: 3273
AIRPORT NAME:
IMPERIAL MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 13, ORIG
JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOLYO	HOLYO	010		IF		FB				
	HOLYO	HEXAP	020	IAF	TF		FB	2.0	060.7 (070T)	013.9	05300
	HOLYO	AXPUX	030		TF	L	FB	1.0	044.5 (054T)	005.0	05100
	UYOGI	UYOGI	010	IAF	IF		FB				
	UYOGI	AXPUX	020		TF		FB	1.0	230.9 (240T)	005.1	05100
	AXPUX	AXPUX	010		HF	R	FB		134.6 (144T)	005.0	05100
		AXPUX	010	FACF	IF		FB				05100
		JIKOS	020	FAF	TF		FB	0.5	134.6 (144T)	006.2	05100
		RW13	030	MAP	TF		FO	0.3	134.6 (144T)	005.5	03314

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AQIMU	040		DF		FO	1.0			05000
	AQIMU	050		HM	R	FO	2.0	314.8 (324T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AQIMU	N402059.92	W1012802.46	N4020.999	W10128.041
	AXPUX	N404018.86	W1014639.96	N4040.314	W10146.666
	HEXAP	N403720.39	W1015156.87	N4037.340	W10151.948
	HOLYO	N403232.25	W1020905.43	N4032.538	W10209.091
	JIKOS	N403520.33	W1014150.84	N4035.339	W10141.847
	UYOGI	N404252.38	W1014053.08	N4042.873	W10140.885
	RW13	N403053.44	W1013733.12	N4030.891	W10137.552

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	03273	41

CITY AND STATE
IMPERIAL, NE

ELEVATION: 3275 TDZE: 3273
AIRPORT NAME:
IMPERIAL MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 13, ORIG
JUL - 5 2007

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
MCJEF	VIZQE (FB)	049.07 / 24.37	5100	LPV: DA LNAV/VNAV: DA LNAV: RW31	
SIJVI (IAF)	AQIMU (NOPT) (FB)	224.80 / 4.77	5000	CLIMB TO 5100 DIRECT AXPUX AND HOLD.	
VIZQE (IAF)	AQIMU (NOPT) (FB)	044.69 / 5.00	5000		
AQIMU (IF/IAF)	BENJU (FB)	314.75 / 6.20	5000		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.55 INBOUND. CHART FAS OBST: 3379 TREE 402934N/1013709W CHART VDP AT 1.05 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 72903 REFERENCE PATH ID: W31A CHART AIRPORT ELEVATION 3275 CHART TDZE 3270 DISTANCE TO THLD FROM 250 HAT: 0.67 NM	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE AQIMU, RT, 314.75 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: 314.69 FAF: BENJU DIST FAF TO MAP: 5.24 THLD: 5.24 4. MIN. ALT: AQIMU 5000, BENJU 5000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5000 GS ALT AT: BENJU OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS NOT CLEAR 8. MSA FROM: RW31 5100					
				MAG VAR: 9E EPOCH YEAR: 2000	

MINIMUMS															
TAKEOFF:	STANDARD	X	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	3520	1	250	3520	1	250		NA			NA				
LNAV/VNAV DA	3649	1 1/4	379	3649	1 1/4	379		NA			NA				
LNAV MDA	3640	1	370	3640	1	370		NA			NA				
CIRCLING	3860	1	585	3860	1	585		NA			NA				

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING OGALLALA ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE IMPERIAL, NE	ELEVATION: 3275 TDZE: 3270 AIRPORT NAME: IMPERIAL MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 31, AMDT 1 JUL - 5 2007	SUP: AMDT: ORIG-A DATED 07/06/2006

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MCJEF VIA V220 WESTBOUND.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SIJVI VIA V8 EASTBOUND.****CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE OGALLALA ALTIMETER SETTING AND INCREASE ALL DAS 86 FEET AND ALL MDAS 100 FEET. VDP NA WHEN USING OGALLALA ALTIMETER SETTING.**

CITY AND STATE

IMPERIAL, NE

ELEVATION: 3275 TDZE: 3270

AIRPORT NAME:

IMPERIAL MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 31, AMDT 1**JUL - 5 2007**

SUP:

AMDT: **ORIG-A**DATED: **07/06/2006**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KIML
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 403013.4755N
LTP/FTP LONGITUDE 1013654.5860W
LTP/FTP ELLIPSOIDAL HEIGHT +09728
FPAP LATITUDE 403125.2800N
FPAP LONGITUDE 1013803.8400W
THRESHOLD CROSSING HEIGHT (TCH) 00041.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1216
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

4B7F5C71

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +09951
FPAP ORTHOMETRIC HEIGHT +09951

CITY AND STATE
IMPERIAL, NE

ELEVATION: 3275 TDZE: 3270
AIRPORT NAME:
IMPERIAL MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 31, AMDT 1
JUL - 5 2007

SUP:
AMDT: ORIG-A
DATED: 07-06-2006

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIMLK3FR31	AMCJEF	010MCJEPK3EA0E	IF						18000		A JS	
SUSAP	KIMLK3FR31	AMCJEF	020VIZQEK3EA0E	A 020TF		04910244		+ 05100				A JS	
SUSAP	KIMLK3FR31	AMCJEF	030AQIMUK3EA0EE	L010TFY		04470050		+ 05000				A JS	
SUSAP	KIMLK3FR31	ASIJVI	010SIJVIK3EA0E	A IF						18000		A JS	
SUSAP	KIMLK3FR31	ASIJVI	020AQIMUK3EA0EE	010TF		22480048		+ 05000				A JS	
SUSAP	KIMLK3FR31	AAQIMU	010AQIMUK3EA0EE	CR HF		31480050		+ 05000		18000		A JS	
SUSAP	KIMLK3FR31	R	010AQIMUK3EA0E	I IF				+ 05000		18000		A JS	
SUSAP	KIMLK3FR31	R	020BENJUK3EA0E	F 051TF		31480062		+ 05000			RW31	K3PGA	JS
SUSAP	KIMLK3FR31	R	030RW31	K3PGOGY M 031TF		31470052		03306		-300		A JS	
SUSAP	KIMLK3FR31	R	040AXPUXK3EA0EYM	010DF				+ 05100				A JS	
SUSAP	KIMLK3FR31	R	050AXPUXK3EA0EE	HR020HM		13460050		+ 05100				A JS	

[illegible][illegible]

CITY AND STATE IMPERIAL, NE	ELEVATION: 3275 TDZE: 3270 AIRPORT NAME: IMPERIAL MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 31, AMDT 1 JUL - 5 2007	SUP:
				AMDT: ORIG-A
				DATED: 07-06-2006

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.

[illegible]

SUP:	
AMDT:	ORIG-A
DATED:	07-06-2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MCJEF	MCJEF	010		IF		FB				
	MCJEF	VIZQE	020	IAF	TF		FB	2.0	049.1 (058T)	024.4	05100
	MCJEF	AQIMU	030		TF	L	FB	1.0	044.7 (054T)	005.0	05000
	SIJVI	SIJVI	010	IAF	IF		FB				
	SIJVI	AQIMU	020		TF		FB	1.0	224.8 (234T)	004.8	05000
	AQIMU	AQIMU	010		HF	R	FB		314.8 (324T)	005.0	05000
		AQIMU	010	FACF	IF		FB				05000
		BENJU	020	FAF	TF		FB	0.5	314.8 (324T)	006.2	05000
		RW31	030	MAP	TF		FO	0.3	314.7 (324T)	005.2	03306

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AXPUX	040		DF		FO	1.0			05100
	AXPUX	050		HM	R	FO	2.0	134.6 (144T)	005.0	05100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AQIMU	N402059.92	W1012802.46	N4020.999	W10128.041
	AXPUX	N404018.86	W1014639.96	N4040.314	W10146.666
	BENJU	N402559.99	W1013250.52	N4026.000	W10132.842
	MCJEF	N400511.67	W1020020.47	N4005.195	W10200.341
	SIJVI	N402349.31	W1012300.11	N4023.822	W10123.002
	VIZQE	N401802.28	W1013318.67	N4018.038	W10133.311
	RW31	N403013.48	W1013654.59	N4030.225	W10136.910

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	03265	41

CITY AND STATE

IMPERIAL, NE

ELEVATION: 3275 TDZE: 3270

AIRPORT NAME:

IMPERIAL MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 31, AMDT 1

JUL - 5 2007

SUP:

AMDT: ORIG-A

DATED: 07-06-2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HEVNU (IF)	CUBMO (FB)	218.91 / 4.07	3000	LPV: DA LNAV: RW22L
CUBMO	OSUSE (FB)	218.91 / 1.93	2500	CLIMB TO 3000 DIRECT FEDEX AND VIA 236.03 TRACK TO KILMA AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD 4000.
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 072.00 INBOUND. CHART FAS OBST: 485 TOWER 404404N/0740956W CHART VDP AT 1.54 MILES TO RW22L *LNAV ONLY. WAAS CHANNEL # 70324 REFERENCE PATH ID: W22A DISTANCE TO THLD FROM 358 HAT: 0.97 NM

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HEVNU
- FAC: 218.88 FAF: OSUSE DIST FAF TO MAP: 7.50 THLD: 7.50
- MIN. ALT: HEVNU 3000, CUBMO 3000, OSUSE 2500, JINLA/3.00 NM TO RW22L 1020
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: OSUSE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
- MSA FROM: RW22L 2700

MAG VAR: 13W

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	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	368	4000	358	368	4000	358	368	4000	358	368	4000	358			
LNAV MDA	560	2400	550	560	2400	550	560	5000	550	560	6000	550			
CIRCLING	660	1	642	660	1	642	660	1 3/4	642	900	3	882			

NOTES:
CHART NOTE: CIRCLING TO RWY 29 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY TO RVR 6000 ALL CATS..
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
SEE 8260-10

@ CAT D 900-3

CITY AND STATE NEWARK, NJ	ELEVATION: 18 TDZE: 10 AIRPORT NAME: NEWARK LIBERTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Z RWY 22L, AMDT 1B JUL - 5 2007	SUP: AMDT: 1A DATED 04/13/2006



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.**

CITY AND STATE

NEWARK, NJ

ELEVATION: 18 TDZE: 10
AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) Z RWY 22L, AMDT 1B

JUL -5 2007

SUP:

AMDT: 1A

DATED: 04/13/2006



RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KEWR
RW22L
0
Z
0
W22A
404152.2890N
0740940.8780W
-00292
404037.8400N
0741028.2100W
00050.0
F
03.00
106.50
0048
40.0
50.0

CRC REMAINDER

185205D4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00031
+00031

CITY AND STATE

NEWARK, NJ

ELEVATION: 18 TDZE: 10

AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) Z RWY 22L, AMDT 1B

JUL - 5 2007

SUP:

AMDT: 1A

DATED: 04-13-2006



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[illegible]

CITY AND STATE NEWARK, NJ	ELEVATION: 18 TDZE: 10 AIRPORT NAME: NEWARK LIBERTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Z RWY 22L, AMDT 1B JUL -5 2007	SUP:
				AMDT: 1A
				DATED: 04-13-2006



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KEWRK6SRW22LK6PG 0 25180027 M

CITY AND STATE NEWARK, NJ	ELEVATION: 18 TDZE: 10 AIRPORT NAME: NEWARK LIBERTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO.: RNAV (GPS) Z RWY 22L, AMDT 1B JUL - 5 2007	SUP:
				AMDT: 1A
				DATED: 04-13-2006



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		HEVNU	010	FACF	IF		FB				
		CUBMO	011	SDF	TF		FB	0.5	218.9 (206T)	004.1	03000
		OSUSE	020	FAF	TF		FB	0.5	218.9 (206T)	001.9	02500
		JINLA	021	SDF	TF		FB	0.3	218.9 (206T)	004.5	01020
		RW22L	030	MAP	TF		FO	0.3	218.9 (206T)	003.0	00060

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FEKEG	040		DF		FB	1.0			
	KILMA	050		TF		FO	1.0	236.0 (223T)		03000
	KILMA	060		HM	R	FO	2.0	072.0 (059T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUBMO	N405022.06	W0740415.89	N4050.368	W07404.265
	FEKEG	N404004.23	W0741049.58	N4040.071	W07410.826
	HEVNU	N405401.85	W0740155.35	N4054.031	W07401.923
	JINLA	N404434.43	W0740757.69	N4044.574	W07407.962
	KILMA	N402909.70	W0742408.82	N4029.162	W07424.147
	OSUSE	N404837.78	W0740522.50	N4048.630	W07405.375
	RW22L	N404152.29	W0740940.88	N4041.872	W07409.681

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00010	43

CITY AND STATE

NEWARK, NJ

ELEVATION: 18 TDZE: 10
AIRPORT NAME:

NEWARK LIBERTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Z RWY 22L, AMDT 1B

JUL - 5 2007

SUP:

AMDT: 1A

DATED: 04-13-2006



**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- TITLE 14 CFR PART 97.31**

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.

Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES (Sectors and distances measured from radar antenna)												MISSED APPROACH
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP: RWY 1, 19, 5, 23: THLD
												SEE PAGE 2 FOR MISSED APPROACH INSTRUCTIONS.
AS ESTABLISHED BY THE CURRENT AKRON -CANTON MINIMUM VECTORING ALTITUDE CHART												

MINIMUMS

TAKEOFF:		STANDARD	X	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
S-1		1580	2400	371	1580	2400	371	1580	2400	371	1580	5000	371			
S-5		1580	1	378	1580	1	378	1580	1	378	1580	1 1/4	378			
S-19		1580	2400	362	1580	2400	362	1580	2400	362	1580	5000	362			
S-23		1620	2400	392	1620	2400	392	1620	2400	392	1620	5000	392			
CIRCLING		1660	1	432	1680	1	452	1680	1 1/2	452	1780	2	552			

NOTES:

RWY 1: FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3000, MINIMUM ALTITUDE 3 MILE FIX 2100, FINAL APPROACH COURSE 010. RECOMMENDED ALTITUDE 5 MILES 2720, 4 MILES 2420, 3 MILES 2100, 2 MILES 1820.

RWY 19: FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3000, FINAL APPROACH COURSE 190. RECOMMENDED ALTITUDE 5 MILES 2720, 4 MILES 2420, 3 MILES 2140, 2 MILES 1840.

RWY 5: FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3000, FINAL APPROACH COURSE 055. RECOMMENDED ALTITUDE 5 MILES 2700, 4 MILES 2420, 3 MILES 2120, 2 MILES 1820.

RWY 23: FAF 6 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3000, MINIMUM ALTITUDE 3 MILE FIX 2100, FINAL APPROACH COURSE 236. RECOMMENDED ALTITUDE 5 MILES 2720, 4 MILES 2420, 3 MILES 2100, 2 MILES 1820.

CONTINUED ON PAGE 2.

LOST COMMUNICATIONS (ALL RWYS): AS DIRECTED BY ATC ON INTIAL CONTACT.

ADDITIONAL FLIGHT DATA

TDZE: 1209	RWY: 1	TDZE: 1218	RWY: 19
TDZE: 1202	RWY: 5	TDZE: 1228	RWY: 23

FAS OBST:

RWY 1: 1330 TOWER 405229N/0812549W
RWY 5: 1330 TOWER 405248N/0813154W
RWY 19: 1316 TREE 405609N/0812638W
RWY 23: 1356 TREE 405455N/0812449W

MAG VAR: 8W

EPOCH YEAR: 05

CITY AND STATE	ELEVATION: 1228	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
AKRON, OH	AIRPORT NAME: AKRON-CANTON RGNL	CAK ASR	JUL -5 2007 RADAR 1, AMDT 23	AMDT: 22
				DATED: 11/7/96



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RADAR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES

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MISSED APPROACH INSTRUCTIONS:

RWY 1: CLIMB TO 3000 THEN RIGHT TURN DIRECT ACO VOR/DME AND HOLD E, RT, 272.00 INBOUND.

RWY 5: CLIMB TO 3000 DIRECT ACO VOR/DME AND HOLD E, RT, 272.00 INBOUND.

RWY 19: CLIMB TO 3000 DIRECT BSV VOR/DME AND HOLD S, RT, 008.00 INBOUND.

RWY 23: CLIMB TO 2700 THEN CLIMBING LEFT TURN TO 3000 DIRECT BSV VOR/DME AND HOLD S, RT, 008.00 INBOUND.

NOTES CONTINUED:

CHART NOTES: PROCEDURE NA WHEN AKRON-CANTON APPROACH CONTROL CLOSED. FOR INOPERATIVE MALSR, INCREASE S-1 CAT D VISIBILITY TO RVR 6000, S-19 CAT D VISIBILITY TO RVR TO 6000, AND S-23 CAT D VISIBILITY TO RVR 6000.

ALTERNATE MINIMUMS CONTINUED:

@ NA WHEN AKRON APPROACH CONTROL CLOSED.

CITY AND STATE	ELEVATION: 1228 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AKRON, OH	AIRPORT NAME: AKRON-CANTON RGNL	CAK ASR	JUL -5 2007 RADAR 1, AMDT 23	AMDT: 22
				DATED: 11/07/96

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.70 MILES AFTER LOTKE INT/I-SLE 6.81 DME OR AT I-SLE 1.11 DME FIX
UBG VOR/DME	LOTKE INT/I-SLE 6.81 DME	155.28 / 32.02	3500	CLIMB TO 4000 VIA I-SLE LOC NORTHWEST COURSE TO ARTTY FM/INT/ I-SLE 5.61 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.
CVO VOR/DME	LOTKE INT/I-SLE 6.81 DME	020.85 / 24.79	3500	
ARTTY FM/INT/I-SLE 5.61 DME	LOTKE INT/I-SLE 6.81 DME	133.09 / 12.41 (I-SLE)	3200	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 133.09 INBOUND. CHART FAS OBST: 673 TREE 445146N/1225819W CHART TURNO LOM SUBDUED. CHART VDP AT 3.28 DME; DISTANCE VDP TO THLD 2.18 MILES. CHART: AIRPORT ELEV 214 CHART: TDZE 214
JAIME INT/I-SLE 34.59 DME (IAF)	GLORR INT/I-SLE 18.53 DME (NOPT)	313.09 / 16.06 (I-SLE)	5600	
GLORR INT/I-SLE 18.53 DME (IF/IAF)	SCIOS INT/I-SLE 11.25 DME	313.09 / 7.28 (I-SLE)	3500	
SCIOS INT/I-SLE 11.25 DME	LOTKE INT/I-SLE 6.81 DME	313.09 / 4.44 (I-SLE)	2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE LOTKE, RT, 313.09 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
- FAC: 313.09 FAF: LOTKE INT/I-SLE 6.81 DME DIST FAF TO MAP: 5.70 THLD: 5.70
- MIN. ALT: LOTKE 2100
- DIST TO THLD FROM OM: 5.70 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 867
- MIN GS INCPT: 2100 GS ALT AT: LOTKE 2100 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 41.7
- MSA FROM: SL LOM 020-140 6300, 140-290 4800, 290-020 3100

MAG VAR: 17E EPOCH YEAR: 2005

MINIMUMS																
TAKEOFF:	STANDARD	X	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 31	414	2400	200	414	2400	200	414	2400	200	414	2400	200				
S-LOC 31	960	2400	746	960	4000	746	960	1 3/4	746	960	2	746				
CIRCLING	960	1	746	960	1 1/4	746	960	2 1/4	746	1000	2 1/2	786				

SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED																
S-ILS 31**	414	1800	200	414	1800	200	414	1800	200	414	1800	200				

NOTES:
CHART NOTE:** USE OF FLIGHT DIRECTOR OR AUTOPILOT OR HGS REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JAIME VIA V536 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLORR VIA V448 SOUTHBOUND.
CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MC MINNVILLE ALTIMETER SETTING AND
CONTINUED ON PAGE 2

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

CITY AND STATE SALEM, OR	ELEVATION: 214 TDZE: 214 AIRPORT NAME: MCNARY FLD	FACILITY IDENTIFIER: I-SLE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 28 JUL 5 2007	SUP: ILS RWY 31 AMDT: 27B DATED 08/30/1999

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

INCREASE ALL DAS 50 FEET, AND ALL MDAS 60 FEET. VDP NA WHEN USING MCMINNVILLE ALTIMETER SETTING.

**CHART NOTE: NA WHEN USING MCMINNVILLE ALTIMETER SETTING.

CITY AND STATE SALEM, OR	ELEVATION: 214 TDZE: 214	FACILITY IDENTIFIER: I-SLE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 28 JUL 5 2007	SUP: ILS RWY 31
	AIRPORT NAME: MCNARY FLD			AMDT: 27B
	DATED: 08/30/1999			

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 8.32 MILES AFTER ZINTA INT CLIMB TO 3100 THEN CLIMBING LEFT TURN TO 5000 DIRECT IHD VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT AGC VOR/DME AND HOLD SW, RT, 056.00 INBOUND. ADDITIONAL FLIGHT DATA: HOLD E, RT, 278.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW AGC VOR/DME, RT, 056.00 INBOUND. CHART FAS OBST: 1419 TREE 401839N/0792045W CHART IN PLANVIEW: AGC VOR/DME. CHART AIRPORT ELEVATION 1199, TDZE 1145	
AGC VOR/DME	UDUSE INT	070.50 / 33.04	4200		
UDUSE INT	IGOCI INT	123.23 / 11.97 (JST R-303)	4200		
JST VORTAC (IAF)	IGOCI INT (NOPT)	303.23 / 17.45	4200		
REC VOR/DME (IAF)	IGOCI INT (NOPT)	262.52 / 20.34	4200		
IGOCI INT (IF/IAF)	ZINTA INT	232.78 / 6.32 (I-LBE)	3900		

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD NE IGOCI, RT, 232.78 INBOUND, 4200 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>232.78</u> FAF: <u>ZINTA INT</u>	DIST FAF TO MAP: <u>8.32</u> THLD: <u>8.32</u>
4. MIN. ALT: IGOCI 4200, ZINTA 3900, POSER OM 2380 * *LOC ONLY	
5. DIST TO THLD FROM OM: <u>8.32</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1002</u>	
6. MIN GS INCPT: <u>3900</u> GS ALT AT: <u>ZINTA 3900</u> OM: <u>2541</u> MM: <u>-</u> IM: <u>-</u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>55.2</u>	
8. MSA FROM: IHD VORTAC 4500	

MINIMUMS															
TAKEOFF:	STANDARD	X	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	1 1/4	1235	2380	1 1/4	1235	2380	2 1/2	1235	2380	2 1/2	1235			
CIRCLING	2380	1 1/4	1181	2380	1 1/2	1181	2380	3	1181	2380	3	1181			

POSER OM MINIMUMS															
S-LOC 23	1680	1/2	535	1680	1/2	535	1680	1	535	1680	1 1/4	535			
CIRCLING	1720	1	521	1720	1	521	1780	1 1/2	581	1780	2	581			

NOTES:

CHART NOTE: CIRCLING TO RWY 3 NA AT NIGHT.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 23 CAT A.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 23 CAT B VISIBILITY TO 1 1/2.

CHART NOTE: CIRCLING NA SE OF RWY 3-21.

SEE 8260-10

CAT A, B 1200-2, CAT C, D 1200-3

@ CAT A, B 1200-2, CAT C, D 1200-3

@ NA WHEN CONTROL TOWER CLOSED.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1199 TDZE: 1145	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS RWY 23
LATROBE, PA	AIRPORT NAME:	I-LBE	ILS OR LOC RWY 23, AMDT 16	AMDT: 15B
	ARNOLD PALMER REGIONAL		JUL -5 2007	DATED 04/20/2000

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT REC VOR/DME VIA V10-210 SOUTHEAST BOUND, AND FOR ARRIVALS AT JST VORTAC ON AIRWAY RADIALS 266 CW 326.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLEGHENY COUNTY ALTIMETER SETTING AND INCREASE ILS DA TO 1409 FEET, AND ALL MDAS 80 FEET.

CHART PLANVIEW NOTE: TRANSITION TO IGOCI MAY REQUIRE USE OF JST R-303 AND REC R-263 TO IDENTIFY INTERSECTION.

CITY AND STATE

LATROBE, PA

ELEVATION: 1199 TDZE: 1145

AIRPORT NAME:

ARNOLD PALMER REGIONAL

FACILITY
IDENTIFIER:
I-LBE

PROCEDURE NO./AMDT NO.:

ILS OR LOC RWY 23, AMDT 16

JUL -5 2007

SUP: ILS RWY 23

AMDT: 15B

DATED: 04/20/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW05 CLIMBING LEFT TURN TO 4000 DIRECT PLEEZ AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1418 TREE 401524N/0792705W ILUDY TO RW05: 3.04/45.
NIDGY (IAF)	PLEEZ (NOPT) (FB)	315.92 / 5.00	4000	
NESTO (IAF)	PLEEZ (NOPT) (FB)	135.75 / 6.39	4000	
PLEEZ (IF/IAF)	ILUDY (FB)	052.80 / 7.32	2700	

- PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- HOLD SW PLEEZ, RT, 052.80 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 052.71 FAF: ILUDY DIST FAF TO MAP: 4.51 THLD: 4.51
- MIN. ALT: PLEEZ 4000, ILUDY 2700
- DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
- MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
- GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW05 4300

MAG VAR: 7W

EPOCH YEAR: 1980

MINIMUMS																
TAKEOFF:	STANDARD	X	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	1680	1	481	1680	1	481	1680	1 1/4	481	1680	1 1/2	481				
CIRCLING	1720	1	521	1720	1	521	1780	1 1/2	581	1780	2	581				

NOTES:
CHART NOTE: CIRCLING TO RWY 3 NA AT NIGHT.

CHART NOTE: CIRCLING NA SE OF RWY 3-21.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLEGHENY COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LATROBE, PA	ELEVATION: 1199 TDZE: 1199 AIRPORT NAME: ARNOLD PALMER REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 5, ORIG JUL -5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NESTO VIA V469 WESTBOUND.**

CITY AND STATE

LATROBE, PA

ELEVATION: 1199 TDZE: 1199

AIRPORT NAME:

ARNOLD PALMER REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 5, ORIG

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLBEK6FP05	ANESTO	010NESTOK6EA0E	A	IF					18000		G	S
SUSAP	KLBEK6FP05	ANESTO	020PLEEZK6EA0EE		010TF		13580064	+	04000			G	S
SUSAP	KLBEK6FP05	ANIDGY	010NIDGYK6EA0E	A	IF					18000		G	S
SUSAP	KLBEK6FP05	ANIDGY	020PLEEZK6EA0EE		010TF		31590050	+	04000			G	S
SUSAP	KLBEK6FP05	APLEEZ	010PLEEZK6EA0EE	CR	HF		05280050	+	04000	18000		G	S
SUSAP	KLBEK6FP05	P	010PLEEZK6EA0E	I	IF			+	04000	18000		G	S
SUSAP	KLBEK6FP05	P	020ILUDYK6EA0E	F	051TF		05280073	+	02700		RW05	K6PGG	S
SUSAP	KLBEK6FP05	P	030RW05	K6PGOGY	M 031TF		05270045		01244	-304		G	S
SUSAP	KLBEK6FP05	P	040		0 M 010CA		0527	+	01599			G	S
SUSAP	KLBEK6FP05	P	050PLEEZK6EA0EY		L010DF			+	04000			G	S
SUSAP	KLBEK6FP05	P	060PLEEZK6EA0EE		HR020HM		05280050	+	04000			G	S

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NESTO	NESTO	010	IAF	IF		FB				
	NESTO	PLEEZ	020		TF		FB	1.0	135.8 (129T)	006.4	04000
	NIDGY	NIDGY	010	IAF	IF		FB				
	NIDGY	PLEEZ	020		TF		FB	1.0	315.9 (309T)	005.0	04000
	PLEEZ	PLEEZ	010		HF	R	FB		052.8 (046T)	005.0	04000
		PLEEZ	010	FACF	IF		FB				04000
		ILUDY	020	FAF	TF		FB	0.5	052.8 (046T)	007.3	02700
		RW05	030	MAP	TF		FO	0.3	052.7 (046T)	004.5	01244

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	052.7 (046T)		01599
	PLEEZ	050		DF	L	FO	1.0			04000
	PLEEZ	060		HM	R	FO	2.0	052.8 (046T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILUDY	N401245.72	W0792928.37	N4012.762	W07929.473
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	NIDGY	N400430.99	W0793115.11	N4004.517	W07931.252
	PLEEZ	N400739.51	W0793619.40	N4007.659	W07936.323
	RW05	N401554.82	W0792515.19	N4015.914	W07925.253

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW05	01199		45

CITY AND STATE
LATROBE, PA

ELEVATION: 1199 TDZE: 1199
 AIRPORT NAME:
 ARNOLD PALMER REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) RWY 5, ORIG
 JUL -5 2007

SUP:
 AMDT: NONE
 DATED:



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23						
AGC VOR/DME		UDUSE (FB)		068.50 / 33.04			4200		CLIMB TO 5000 DIRECT NEVAE AND VIA 153.68 TRACK TO IHD VORTAC AND HOLD.						
UDUSE		IGOCI (FB)		123.86 / 11.97			4200								
JST VORTAC (IAF)		IGOCI (NOPT) (FB)		304.23 / 17.45			4200								
REC VOR/DME (IAF)		IGOCI (NOPT) (FB)		260.52 / 20.34			4200								
IGOCI (IF/IAF)		ZINTA (FB)		232.93 / 6.32			3900		ADDITIONAL FLIGHT DATA: HOLD E, RT, 281.00 INBOUND. CHART FAS OBST: 1240 TREE 401731N/0792324W CHART FAS OBST: 1459 TREE 401832N/0792037W CHART 2359 TREE 402056N/0791448W CHART VDP AT 1.68 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 70499 REFERENCE PATH ID: W23A DISTANCE TO THLD FROM 275 HAT: 0.74 NM						
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: 232.86 FAF: ZINTA DIST FAF TO MAP: 8.32 THLD: 8.32															
4. MIN. ALT: IGOCI 4200, ZINTA 3900, POSER/4.20 NM TO RW23 2380*										MAG VAR: 7W EPOCH YEAR: 1980					
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 3900 GS ALT AT: ZINTA OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 55.2 34:1 IS CLEAR															
8. MSA FROM: RW23 4300															
MINIMUMS															
TAKEOFF:		STANDARD		X		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		DH/MDA VIS HAT/HAA			
LPV DA		1420 1/2 275		1420 1/2 275		1420 1/2 275		1420 1/2 275		1420 1/2 275					
LNAV/VNAV DA		1544 1 399		1544 1 399		1544 1 399		1544 1 399		1544 1 399					
LNAV MDA		1720 1/2 575		1720 1/2 575		1720 1/2 575		1720 1 575		1720 1 1/4 575					
CIRCLING		1720 1 521		1720 1 521		1780 1 1/2 581		1780 2 581							
NOTES: CHART NOTE: CIRCLING TO RWY 3 NA AT NIGHT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1. CHART NOTE: CIRCLING NA SE OF RWY 3-21. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F). SEE 8260-10															
CITY AND STATE		ELEVATION: 1199 TDZE: 1145		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP:							
LATROBE, PA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, ORIG		AMDT: NONE							
		ARNOLD PALMER REGIONAL				JUL -5 2007		DATED							
FAA FORM 8260 - 3 / December 2002 (computer generated)															
PAGE 1 OF 6 PAGES															

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**CHART NOTE: DME/DME RNP-0.3 NA.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT REC VOR/DME VIA V10-210 SOUTH EASTBOUND , AND AT JST VORTAC ON AIRWAY RADIALS 266 CW 326.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLEGHENY COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1484 FEET, LNAV/VNAV DA TO 1608 FEET, AND ALL MDAS 80 FEET.****CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALLEGHENY COUNTY ALTIMETER SETTING*****LNAV ONLY**

CITY AND STATE

LATROBE, PA

ELEVATION: 1199 TDZE: 1145

AIRPORT NAME:

ARNOLD PALMER REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 23, ORIG

JUL -5 2007

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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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	401645.6460N
LTP/FTP LONGITUDE	0792407.0150W
LTP/FTP ELLIPSOIDAL HEIGHT	+03117
FPAP LATITUDE	401554.4800N
FPAP LONGITUDE	0792515.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

078E77BE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03444
FPAP ORTHOMETRIC HEIGHT	+03444

CITY AND STATE

LATROBE, PA

ELEVATION: 1199 TDZE: 1145

AIRPORT NAME:

ARNOLD PALMER REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 23, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLBEK6FR23	AAGC	010AGC	K6D 0V	IF					18000		A JS	
SUSAP	KLBEK6FR23	AAGC	020DUSEK6EA0E	020TF		06850330		+ 04200				A JS	
SUSAP	KLBEK6FR23	AAGC	030IGOCIK6EA0EE	A 020TF		12390120		+ 04200				A JS	
SUSAP	KLBEK6FR23	AJST	010JST	K6D 0V	A IF					18000		A JS	
SUSAP	KLBEK6FR23	AJST	020IGOCIK6EA0EE	010TF		30420175		+ 04200				A JS	
SUSAP	KLBEK6FR23	AREC	010REC	K6D 0V	A IF					18000		A JS	
SUSAP	KLBEK6FR23	AREC	020IGOCIK6EA0EE	010TF		26050203		+ 04200				A JS	
SUSAP	KLBEK6FR23	AIGOCI	010IGOCIK6EA0EE	CR HF		23290050		+ 04200		18000		A JS	
SUSAP	KLBEK6FR23	R	010IGOCIK6EA0E	I IF				+ 04200		18000		A JS	
SUSAP	KLBEK6FR23	R	020ZINTAK6EA0E	F 051TF		23290063		+ 03900			RW23	K6PGA JS	
SUSAP	KLBEK6FR23	R	021POSERK6EA0E	S 031TF		23290041		V 0238002541		-300		A JS	
SUSAP	KLBEK6FR23	R	030RW23	K6PGOGY M 031TF		23290042		01185		-300		A JS	
SUSAP	KLBEK6FR23	R	040NEVAEK6EA0E	010DF								A JS	
SUSAP	KLBEK6FR23	R	050IHD	K6D 0VY	010TF	1537		+ 05000				A JS	

CITY AND STATE LATROBE, PA	ELEVATION: 1199 TDZE: 1145 AIRPORT NAME: ARNOLD PALMER REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 23, ORIG JUL - 5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

A JS

SUSAP KLBEK6GRW23 0073732328 N40164565W079240702+0800 01130085155100

SUSAP	KLBEK6PR23	RW23	001	0000W23A0N4016456460W07924070150+031170300N4015544800W07925156500106750016000552F400500078E77BE
SUSAP	KLBEK6PR23	RW23	002	+03444+03444W23A 70499 000

SUSAP KLBEK6SRW23 K6PG 0 25180043 M

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AGC	AGC	010		IF		FB				
	AGC	UDUSE	020		TF		FB	2.0	068.5 (062T)	033.0	04200
	AGC	IGOCI	030	IAF	TF		FB	2.0	123.9 (117T)	012.0	04200
	JST	JST	010	IAF	IF		FB				
	JST	IGOCI	020		TF		FB	1.0	304.2 (297T)	017.5	04200
	REC	REC	010	IAF	IF		FB				
	REC	IGOCI	020		TF		FB	1.0	260.5 (254T)	020.3	04200
	IGOCI	IGOCI	010		HF	R	FB		232.9 (226T)	005.0	04200
		IGOCI	010	FACF	IF		FB				04200
		ZINTA	020	FAF	TF		FB	0.5	232.9 (226T)	006.3	03900
		POSER	021	SDF	TF		FB	0.3	232.9 (226T)	004.1	02380
		RW23	030	MAP	TF		FO	0.3	232.9 (226T)	004.2	01185

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NEVAE	040		DF		FB	1.0			
	IHD	050		TF		FO	1.0	153.7 (147T)		05000
	IHD	060		HM	R	FO	2.0	281.0 (274T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGC	N401643.15	W0800227.09	N4016.719	W08002.452
	IHD	N395827.27	W0792130.12	N3958.455	W07921.502
	JST	N401900.22	W0785003.00	N4019.004	W07850.050
	REC	N403247.25	W0784449.28	N4032.788	W07844.821
	IGOCI	N402657.88	W0791022.42	N4026.965	W07910.374
	NEVAE	N401049.44	W0793203.89	N4010.824	W07932.065
	POSER	N401941.66	W0792010.60	N4019.694	W07920.177
	UDUSE	N403223.44	W0792421.79	N4032.391	W07924.363
	ZINTA	N402233.95	W0791618.68	N4022.566	W07916.311
	RW23	N401645.65	W0792407.02	N4016.761	W07924.117

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW23	01130		55

CITY AND STATE LATROBE, PA	ELEVATION: 1199 TDZE: 1145	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 23, ORIG JUL - 5 2007	SUP:
	AIRPORT NAME: ARNOLD PALMER REGIONAL			AMDT: NONE
				DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE								
										ADDITIONAL FLIGHT DATA:						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: _____ EPOCH YEAR: _____		
2. _____																
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																
4. MIN. ALT _____																
8. MSA FROM: _____																
TAKEOFF:		STANDARD		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	
NOTES: PROCEDURE CANCELED EFFECTIVE <u> JUL -5 2007 </u>																
CITY AND STATE LATROBE, PA				ELEVATION: 1185 TDZE: 1185 AIRPORT NAME: ARNOLD PALMER REGIONAL				FACILITY IDENTIFIER: GPS		PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: GPS RWY 05, ORIG, 10/08/1998				SUP AMDT NONE DATE		

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 7, STANDARD WITH MINIMUM CLIMB OF 414' PER NM TO 1,300, OR 600 - 3 WITH MINIMUM CLIMB OF 241' PER NM TO 1,300, OR 1,300 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 25, STANDARD WITH MINIMUM CLIMB OF 288' PER NM TO 1,600 OR 1,300 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 7 - CLIMB HEADING 076.11 TO 1,300 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS POTTSTOWN MUNI AIRPORT AT OR ABOVE 1,400 MSL BEFORE PROCEEDING ON COURSE.

RWY 25 - CLIMB HEADING 256.12 TO 1,100 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS POTTSTOWN MUNI AIRPORT AT OR ABOVE 1,400 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, TERRAIN 2,761' FROM DER, 124' RIGHT OF CENTERLINE, 0' AGL/319' MSL. MULTIPLE TREES BEGINNING 5,919' FROM DER, 854' LEFT OF CENTERLINE, UP TO 100' AGL/559' MSL. MULTIPLE TREES AND ASSUMED TOWERS BEGINNING 1.3 NM FROM DER, 616' RIGHT OF CENTERLINE, UP TO 200' AGL/759' MSL.

NOTE: RWY 25, TREE 400' FROM DER, ON CENTERLINE, 35' AGL/295' MSL. TERRAIN 10' FROM DER, 246 LEFT OF CENTERLINE, 0' AGL/279' MSL. TREE 399' FROM DER, ON CENTERLINE, UP TO 100' AGL/295' MSL. MULTIPLE TREES BEGINNING 1.0 NM FROM DER, 2,009' RIGHT OF CENTERLINE. UP TO 100' AGL/519' MSL. ASSUMED TOWER 1.7 NM FROM DER, 3051' RIGHT OF CENTERLINE, 200' AGL/539' MSL.

(4) CONTROLLING OBSTACLES:

RWY 7: 759' MSL AAO 401643.30N/0753815.55W.

RWY 25: 1,179' MSL AAO 401314.94N/0754511.82W, 1,202' MSL AAO 401310.07N/0754523.21W, 1,299' MSL AAO 401930.98N/0754216.07W.

RWY 7, 25 (VCOA): 1,299' MSL AAO 401930.98WN/0754216.07W, 759' MSL AAO 401652.41N/0753814.19W.

(5) City, State

POTTSTOWN, PA

(6) Airport

POTTSTOWN MUNI

(7) Effective Date

JUL -5 2007

(8) Amdt. No.

1

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2000 DIRECT LOTY AND VIA 195.37 TRACK TO LARDS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 082.31 INBOUND. CHART FAS OBST: 309 TREE 342744N/0795235W CHART FAS OBST: 398 TOWER 342852N/0795136W WAAS CHANNEL # 86904 REFERENCE PATH ID: W23A DISTANCE TO THLD FROM 294 HAT: 0.80 NM								
CTF VOR/DME	WIGAS (FB)	096.89 / 23.52	2100									
WIGAS (IAF)	JUDUX (FB)	139.70 / 5.00	2000									
TESYU (IAF)	JUDUX (FB)	203.83 / 18.65	2000									
DUNGY (IAF)	JUDUX (FB)	314.29 / 5.70	2000									
JUDUX (IF)	ZIGUP (FB)	229.74 / 6.12	1800									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT JUDUX 3. FAC: <u>229.69</u> FAF: <u>ZIGUP</u> DIST FAF TO MAP: <u>4.88</u> THLD: <u>4.88</u> 4. MIN. ALT: <u>JUDUX 2000, ZIGUP 1800</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>ZIGUP</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW23 3200</u>				MAG VAR: <u>6W</u> EPOCH YEAR: <u>1985</u>								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	#	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
LPV DA	479	1	294	479	1	294	479	1	294	479	1	294
LNAV/VNAV DA	579	1 1/2	394	579	1 1/2	394	579	1 1/2	394	579	1 1/2	394
LNAV MDA	700	1	515	700	1	515	700	1 1/2	515	700	1 3/4	515
CIRCLING	700	1	508	700	1	508	700	1 1/2	508	760	2	568
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING FLORENCE 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 NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 192 TDZE: 185		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP:				
DARLINGTON, SC		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, ORIG		AMDT:		NONE		
		DARLINGTON COUNTY JETPORT				JUL 5 2007		DATED				

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CTF VOR/DME VIA AIRWAY RADIALS 048 CW 132.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLORENCE ALTIMETER SETTING AND INCREASE

LPV DA TO 527 FEET; LNAV/VNAV DA TO 627 FEET; INCREASE ALL MDAS 60 FEET.

CITY AND STATE

DARLINGTON, SC

ELEVATION: 192 TDZE: 185

AIRPORT NAME:

DARLINGTON COUNTY JETPORT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 23, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUDG
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	342710.6445N
LTP/FTP LONGITUDE	0795248.4630W
LTP/FTP ELLIPSOIDAL HEIGHT	+00240
FPAP LATITUDE	342606.0500N
FPAP LONGITUDE	0795402.8100W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4ED13F9E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00558
FPAP ORTHOMETRIC HEIGHT	+00558

CITY AND STATE

DARLINGTON, SC

ELEVATION: 192 TDZE: 185

AIRPORT NAME:

DARLINGTON COUNTY JETPORT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 23, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR 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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KUDGK7FR23	ACTF	010CTF	K7D 0V	IF					18000		A	JS
SUSAP	KUDGK7FR23	ACTF	020WIGASK7EA0E	A	020TF		09690235	+	02100			A	JS
SUSAP	KUDGK7FR23	ACTF	030JUDUXK7EA0EE		010TF		13970050	+	02000			A	JS
SUSAP	KUDGK7FR23	ADUNGY	010DUNGYK7EA0E	A	IF					18000		A	JS
SUSAP	KUDGK7FR23	ADUNGY	020JUDUXK7EA0EE		010TF		31430057	+	02000			A	JS
SUSAP	KUDGK7FR23	ATESYU	010TESYUK7EA0E	A	IF					18000		A	JS
SUSAP	KUDGK7FR23	ATESYU	020JUDUXK7EA0EE		010TF		20380187	+	02000			A	JS
SUSAP	KUDGK7FR23	R	010JUDUXK7EA0E	I	IF			+	02000	18000		A	JS
SUSAP	KUDGK7FR23	R	020ZIGUPK7EA0E	F	051TF		22970061	+	01800		RW23	K7PGA	JS
SUSAP	KUDGK7FR23	R	030RW23	K7PGOGY	M	031TF	22370049		00223	-300		A	JS
SUSAP	KUDGK7FR23	R	040LOTIYK7EA0E		010DF							A	JS
SUSAP	KUDGK7FR23	R	050LARDSK7EA0EY		010TF		1954	+	02000			A	JS
SUSAP	KUDGK7FR23	R	060LARDSK7EA0EE	HR020HM			08230040	+	02000			A	JS

1	2	3	4	5	6	7	8	9	0	1	2	3

ELEVATION: 192 TDZE: 185
AIRPORT NAME:
DARLINGTON COUNTY JETPORT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 23, ORIG
JUL 5 2007

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KUDGK7GRW23 0055002297 N34271064W079524846+0100 00183000040100

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KUDGK7PR23 RW23 001 0000W23A0N3427106445W07952484630+002400300N3426060500W07954028100106751072000400F4005004ED13F9E

SUSAP KUDGK7PR23 RW23 002 +00558+00558W23A 86904 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KUDGK7SRW23 K7PG 0 25180032 M

CITY AND STATE
DARLINGTON, SC

ELEVATION: 192 TDZE: 185
AIRPORT NAME:
DARLINGTON COUNTY JETPORT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 23, ORIG
JUL 5 2007

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CTF	CTF	010		IF		FB				
	CTF	WIGAS	020	IAF	TF		FB	2.0	096.9 (091T)	023.5	02100
	CTF	JUDUX	030		TF		FB	1.0	139.7 (134T)	005.0	02000
	DUNGY	DUNGY	010	IAF	IF		FB				
	DUNGY	JUDUX	020		TF		FB	1.0	314.3 (308T)	005.7	02000
	TESYU	TESYU	010	IAF	IF		FB				
	TESYU	JUDUX	020		TF		FB	1.0	203.8 (198T)	018.7	02000
		JUDUX	010	FACF	IF		FB				02000
		ZIGUP	020	FAF	TF		FB	0.5	229.7 (224T)	006.1	01800
		RW23	030	MAP	TF		FO	0.3	223.7 (218T)	004.9	00223

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LOTIY	040		DF		FB	1.0			
	LARDS	050		TF		FO	1.0	195.4 (189T)		02000
	LARDS	060		HM	R	FO	2.0	082.3 (076T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CTF	N343901.66	W0801629.74	N3439.028	W08016.496
	DUNGY	N343136.56	W0793811.67	N3431.609	W07938.195
	JUDUX	N343508.66	W0794336.69	N3435.144	W07943.612
	LARDS	N340902.66	W0795808.04	N3409.044	W07958.134
	LOTIY	N342521.90	W0795453.62	N3425.365	W07954.894
	TESYU	N345255.81	W0793641.74	N3452.930	W07936.696
	WIGAS	N343836.35	W0794759.39	N3438.606	W07947.990
	ZIGUP	N343042.88	W0794843.79	N3430.715	W07948.730
	RW23	N342710.64	W0795248.46	N3427.177	W07952.808

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW23	00183	40

CITY AND STATE
DARLINGTON, SC

ELEVATION: 192 TDZE: 185
 AIRPORT NAME:
DARLINGTON COUNTY JETPORT

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO.:
RNAV (GPS) RWY 23, ORIG
JUL 5 2007

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FLO VORTAC	UDG NDB	320.82 / 17.02	2000
CTF VOR/DME	UDG NDB	125.76 / 22.87	2100
TOWEY INT	UDG NDB	232.16 / 17.80	2000

MAP: UDG NDB

CLIMBING RIGHT TURN TO 2000 IN UDG NDB HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 222.00 INBOUND.
CHART FAS OBST: 398 TOWER 342852N/0795136W
FAC CROSSES RWY C/L EXTENDED 2394 FROM THLD.

1. PT R SIDE OF COURSE 042.00 OUTBOUND 2000 FT WITHIN 10 MILES OF UDG NDB (IAF)
2. _____
3. FAC 222.00 FAF _____ DIST FAF TO MAP _____ THLD _____
4. MIN. ALT _____
8. MSA FROM: UDG NDB 3200

MAG VAR: 6W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	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-23	800	1	615	800	1	615	800	1 3/4	615	800	2	615				
CIRCLING	800	1	608	800	1	608	800	1 3/4	608	800	2	608				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLORENCE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

CITY AND STATE
DARLINGTON, SC

ELEVATION: 192 TDZE: 185
AIRPORT NAME:
DARLINGTON COUNTY JETPORT

FACILITY
IDENTIFIER:
UDG

PROCEDURE NO./AMD T NO.:
NDB RWY 23, AMDT 1
JUL 5 2007

SUP NDB OR GPS RWY
23
AMDT ORIG-A
DATE 08/08/1996

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 5, 10, 16, 23, 28, 34 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 34 - CLIMB HEADING 342.66 TO 900 FEET BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, MULTIPLE TREES BEGINNING 11' FROM DER, 241' LEFT OF CENTERLINE UP TO 97' AGL/246' MSL. MULTIPLE TREES BEGINNING 72' FROM DER, 29' RIGHT OF CENTERLINE UP TO 97' AGL/236' MSL.

NOTE: RWY 10, MULTIPLE TREES BEGINNING 20' FROM DER, 358' LEFT OF CENTERLINE UP TO 74' AGL/243' MSL. MULTIPLE TREES BEGINNING 1526' FROM DER, 46' RIGHT OF CENTERLINE UP TO 100' AGL/289' MSL.

NOTE: RWY 16, MULTIPLE TREES BEGINNING 70' FROM DER, 258' RIGHT OF CENTERLINE UP TO 113' AGL/292' MSL. TREE 1295' FROM DER, 135' LEFT OF CENTERLINE, 70' AGL/256' MSL.

CONTINUED ON PAGE 2

(4) CONTROLLING OBSTACLES:

RWY 34 - 680 MSL TOWER 343019.00N-0795417.00W

(5) City, State

DARLINGTON, SC

(6) Airport

DARLINGTON COUNTY JETPORT

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

ORIG



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, 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 unless otherwise indicated, except visibilities which are in
statute miles or in feet RVR.

(3) TAKEOFF OBSTACLE NOTES:

(CONTINUED FROM PAGE 1)

NOTE: RWY 23, ANTENNA 18' FROM DER, 263' LEFT OF CENTERLINE 9' AGL/194' MSL. TREES BEGINNING 241' FROM DER, 394' LEFT OF CENTERLINE UP TO 70' AGL/ 249' MSL. TREE
732' FROM DER, 427' RIGHT OF CENTERLINE 33' AGL/212' MSL.

NOTE: RWY 28, MULTIPLE TREES BEGINNING 405' FROM DER, 214' LEFT OF CENTERLINE UP TO 100' AGL/299' MSL. TREE 2840' FROM DER, 46' RIGHT OF CENTERLINE, 100' AGL/309'
MSL.

NOTE: RWY 34, TREE 2008' FROM DER, 273' RIGHT OF CENTERLINE 87' AGL/277' MSL.

City, State DARLINGTON, SC		Airport DARLINGTON COUNTY JETPORT			Effective Date JUL 5 2007	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FLO VORTAC (IAF)	OVERT/5.90 DME	320.00 / 5.90	2000	MAP: WUDUK/17.10 DME
OVERT/5.90 DME (IF)	JEERS/12.00 DME	320.00 / 6.10	1900	CLIMBING LEFT TURN TO 2000 DIRECT TO FLO VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA:
				CHART ARRIVAL HOLDING AT FLO VORTAC: HOLD SE, RT, 320.00 INBOUND, 2000. CHART FAS OBST: 292 TREE 342620N/0795332W FAC CROSSES THRESHOLD RWY 5

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT OVERT
 3. FAC 320.00 FAF JEERS/12.00 DME DIST FAF TO MAP - THLD
 4. MIN. ALT OVERT 2000, JEERS 1900
 8. MSA FROM: FLO VORTAC 045-135 3200, 135-045 2000

MAG VAR: 3W EPOCH YEAR: 1965

MINIMUMS																
TAKEOFF:	STANDARD	X	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	620	1	428	660	1	468	660	1 1/2	468		760	2	568			

NOTES:

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON FLO VORTAC AIRWAY RADIALS 043 CW 255.
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLORENCE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE DARLINGTON, SC	ELEVATION: 192 TDZE:	FACILITY IDENTIFIER: FLO	PROCEDURE NO./AMDT NO.: VOR/DME-A, AMDT 7 JUL 5 2007	SUP VOR/DME OR GPS-
	AIRPORT NAME:			A
	DARLINGTON COUNTY JETPORT			6A
				DATE 08/08/1996

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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.

(1) TAKEOFF MINIMUMS:

RWY 6, NA - OBSTACLES,
RWY 24, 600 - 2 WITH MINIMUM CLIMB OF 380 FEET PER NM TO 7,000 OR 3,500 - 3 FOR CLIMB IN VISUAL CONDITIONS.

(2) DEPARTURE PROCEDURE:

RWY 24 - CLIMB HEADING 244 TO 3,300 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS CROSS ELIZABETHTON MUNI AIRPORT AT OR ABOVE 4,900 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 24, NUMEROUS TREES BEGINNING 1,655' FROM DER, 931' RIGHT OF CENTERLINE, UP TO 100' AGL/2,099' MSL. NUMEROUS TREES 1.36 NM FROM DER, 2,353' LEFT OF CENTERLINE, UP TO 100' AGL/2,179' MSL. POWER LINE 5,898' FROM DER, 973' LEFT OF CENTERLINE, UP TO 200' AGL/1,759' MSL. POWER LINE 1.13 NM DER, 584' RIGHT OF CENTERLINE, UP TO 200' AGL/1,849' MSL.

(4) CONTROLLING OBSTACLES:

RWY 24 (VCOA): 4,159' MSL AAO 362512.11N-0820832.72W, 6,519 MSL AAO 360616.25N-0820720.65W.
RWY 24: 2,305 MSL TOWER 362006.00N-0821256.00W, 6,519 MSL AAO 360616.25N-0820720.65W, 4,424 MSL TOWER 362603.00N-0820802.00W.

(5) City, State

ELIZABETHTON, TN

(6) Airport

ELIZABETHTON MUNI

(7) Effective Date

JUL 5 2007

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
SYI VOR/DME	ATKNS INT/I-UQU 15.29 DME/RADAR	323.10 / 25.11 (BNA LR-187)	2800	LOC: 4.80 MILES AFTER SKAGS/I-UQU 6.21 DME/RADAR OR AT I-UQU 1.41 DME FIX ILS: DA	
ATKNS INT/I-UQU 15.29 DME/RADAR (IAF)	LOUDN/I-UQU 12.22 DME/RADAR	019.99 / 3.07 (I-UQU)	2800*	CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 VIA BNA R-072 TO LENON INT/BNA 25.13 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SYI VOR/DME AND HOLD S, LT, 016.00 INBOUND.	
LOUDN/I-UQU 12.22 DME/RADAR (IF)	UNIVE/I-UQU 8.81 DME/RADAR	019.99 / 3.41 (I-UQU)	2500*		
UNIVE/I-UQU 8.81 DME/RADAR	SKAGS/I-UQU 6.21 DME/RADAR	019.99 / 2.60 (I-UQU)	2200		
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 251.53 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S SYI VOR/DME, LT, 016.00 INBOUND. CHART FAS OBST: 819 TREE 360256N/0864202W CHART 979 TREE, 360157N/0864126W. CHART ASR CHART IN PLANVIEW: BNA R-195 AT ATKNS CHART LOC RWY 2C. CHART VDP AT 2.71 DME; DISTANCE VDP TO THLD 1.29 MILES. CHART IN PLANVIEW: SYI VOR/DME. CHART SYI VOR/DME 25.11 DME AT ATKNS CHART LOC RWY 2L	
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ATKNS 3. FAC: <u>019.99</u> FAF: <u>SKAGS/I-UQU 6.21 DME/RADAR</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u> 4. MIN. ALT: <u>ATKNS 2800, LOUDN 2800*, UNIVE 2500*, SKAGS 2200</u> 5. DIST TO THLD FROM OM: <u>4.80</u> MM: <u>0.45</u> IM: <u>858</u> 150 HAT: <u>-</u> 100 HAT: <u>780</u> GS ANT: <u>1208</u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>GS INTCP</u> OM: <u>-</u> MM: <u>789</u> IM: <u>690</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.4</u> 8. MSA FROM: <u>BNA VORTAC 3100</u>					
				MAG VAR: 2W EPOCH YEAR: 1995	

MINIMUMS															
TAKEOFF:	STANDARD	X	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 2R	790	1800	200	790	1800	200	790	1800	200	790	1800	200			
S-LOC 2R	1080	2400	490	1080	2400	490	1080	4000	490	1080	5000	490			
CIRCLING	1080	1	481	1080	1	481	1120	1 1/2	521	1160	2	561			

NOTES:
 CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 2R: DA 690 MSL, 116 RA, RVR 1200, HAT 100; CAT A, B, C, D.
 CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 2R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
 SEE 8260-10

CITY AND STATE NASHVILLE, TN	ELEVATION: 599 TDZE: 590 AIRPORT NAME: NASHVILLE INTL	FACILITY IDENTIFIER: I-UQU	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 2R, AMDT 6 ILS RWY 2R (CAT II), ILS RWY 2R (CAT III)	SUP: ILS RWY 2R AMDT: 5B DATED 12/14/1999

JUL 5 2007



**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29**

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NOTES CONT.**CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 2L.****CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.****CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.****CHART PLANVIEW AND PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT LOUDN, 4000 OR UNIVE, 3000. CHART PROFILE NOTE: USE I-UQU DME WHEN ON THE LOCALIZER COURSE.**

CITY AND STATE

NASHVILLE, TN

ELEVATION: 599 TDZE: 590

AIRPORT NAME:

NASHVILLE INTL

FACILITY
IDENTIFIER:

I-UQU

PROCEDURE NO./AMDT NO.:

ILS OR LOC RWY 2R, AMDT 6
ILS RWY 2R (CAT II), ILS RWY 2R (CAT III)

JUL 5 2007

SUP: ILS RWY 2R

AMDT: 5B

DATED: 12/14/1999

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
BNA VORTAC	ONUGE/BNA 13.31 DME/RADAR	136.02 / 13.31	4000*	ILS: DA LOC: 6.08 MILES AFTER HOLER/BNA 7.22 DME/RADAR	
SYI VOR/DME (IAF)	ONUGE/BNA 13.31 DME/RADAR (NOPT)	355.59 / 25.30 (BNA LR-145)	4000*	CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA BNA R-270 TO BEVEE INT/BNA 22.36 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA GHM R-060 TO VOLUY INT/GHM 24.51 DME AND HOLD NE, RT, 240.00 INBOUND.	
ONUGE/BNA 13.31 DME/RADAR (IF/IAF)	HOLER/BNA 7.22 DME/RADAR	315.32 / 6.09 (I-PNO)	2600		
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 089.61 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE VOLUY INT/GHM 24.51 DME, RT, 240.00 INBOUND. CHART FAS OBST: 752 TREE 360555N/0863824W CHART AYERS OM SUBDUED. CHART SMYRNA MM, OM AND SWZ NDB SUBDUED. CHART SMYRNA AIRPORT. CHART ASR CHART IN PLANVIEW: VOLUY INT/GHM 24.51 DME. CHART IN PLANVIEW: BNA R-136 AT ONUGE CHART TDZE 577 CHART SYI VOR/DME 25.30 DME AT ONUGE	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE ONUGE, RT, 316.02 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 315.32 FAF: HOLER/BNA 7.22 DME/RADAR DIST FAF TO MAP: 6.08 THLD: 6.08 4. MIN. ALT: ONUGE 4000*, HOLER 2600 5. DIST TO THLD FROM OM: 6.08 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1050 6. MIN GS INCPT: 2600 GS ALT AT: HOLER 2600 OM: - MM: - IM: - 7. GS ANGLE: 3.00 TCH: 52.1 8. MSA FROM: BNA VORTAC 3100				MAG VAR: 2W EPOCH YEAR: 1995	

MINIMUMS

TAKEOFF:		STANDARD	X	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	777	3/4	200	777	3/4	200	777	3/4	200	777	3/4	200				
S-LOC 31	1020	1	443	1020	1	443	1020	1 1/4	443	1020	1 1/2	443				
CIRCLING	1080	1	481	1080	1	481	1120	1 1/2	521	1160	2	561				

NOTES:
 CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
 CHART PLANVIEW NOTE: SMYRNA AIRPORT OM AND MM FOR RWY 32 MAY BE RECEIVED PRIOR TO HOLER.
 CHART PLANVIEW AND PROFILE NOTE: *3000 WHEN ASSIGNED BY ATC.
 CHART PROFILE NOTE: USE I-PNO DME WHEN ON THE LOCALIZER COURSE.

CITY AND STATE NASHVILLE, TN	ELEVATION: 599 TDZE: 577	FACILITY IDENTIFIER: I-PNO	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 31, AMDT 8	SUP: ILS RWY 31
	AIRPORT NAME: NASHVILLE INTL			AMDT: 7A
				DATED 11/16/1989

JUL 5 2007



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.95 MILES AFTER CONIS OM/I-LVF ILS 4.82 DME											
MYLES/I-LVF 14.90 DME (IF)	CONIS OM/I-LVF 4.82 DME	309.63 / 10.08 (I-LVF)	2200	CLIMBING RIGHT TURN TO 5000 VIA CVE VOR/DME R-046 TO FINGR/CVE 36.40 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMBING RIGHT TURN TO 5000 VIA TTT VOR/DME R-050 TO FINGR/TTT 42.74 DME AND HOLD SW, LT, 050.29 INBOUND. ADDITIONAL FLIGHT DATA: HOLD S, LT, 010.99 INBOUND. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT FINGER. CHART FAS OBST: 790 TOWER 324745N/0964838W CHART PLANVIEW NOTE: RADAR REQUIRED. CHART VDP AT 1.66 DME; DISTANCE VDP TO THLD 1.78 MILES.											
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT MYLES/I-LVF 14.90 DME 3. FAC: <u>309.63</u> FAF: <u>CONIS OM/I-LVF 4.82 DME</u> DIST FAF TO MAP: <u>4.95</u> THLD: <u>4.95</u> 4. MIN. ALT: <u>MYLES 2500, CONIS OM 2200, ENTRA/I-LVF 2.84 DME 1520*</u> 5. DIST TO THLD FROM OM: <u>4.95</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1191</u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2185</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.08</u> TCH: <u>67.9</u> 8. MSA FROM: <u>CVE VOR/DME 090-270 3600, 270-090 2700</u>															
				MAG VAR: 6E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: <u> </u>	STANDARD <u>X</u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	ILS: # <u> </u>	LOC: @ <u> </u>										
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 31L	676	1800	200	676	1800	200	676	1800	200	676	1800	200			
S-LOC 31L	1520	4000	1044	1520	5000	1044	1520	2 1/2	1044	1520	2 1/2	1044			
CIRCLING	1520	1 1/4	1033	1520	1 1/2	1033	1520	3	1033	1520	3	1033			
ENTRA FIX MINIMUMS															
S-LOC 31L	1140	2400	664	1140	2400	664	1140	6000	664	1140	1 1/2	664			
CIRCLING	1140	1	653	1140	1	653	1140	1 3/4	653	1160	2 1/4	673			
NOTES: *LOC ONLY															
# CAT A, B 1100-2, CAT C, D 1100-3 @ CAT A, B 1100-2, CAT C, D 1100-3															
CITY AND STATE DALLAS, TX		ELEVATION: 487 TDZE: 476 AIRPORT NAME: DALLAS LOVE FIELD		FACILITY IDENTIFIER: I-LVF		PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 31L, AMDT 20 JUL - 5 2007				SUP: ILS RWY 31L AMDT: 19E DATED 08/29/2003					



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SLANT	APAKE (FB)	246.49 / 20.50	2600	LNAV: RW13L CLIMB TO 5000 DIRECT FAVKU AND VIA 112.37 TRACK TO DUMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 298.00 INBOUND. CHART FAS OBST: 610 BRIDGE 325425N/0965346W CHART 666 T-L TWR 325440N/0965441W. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART VDP AT 1.20 MILES TO RW13L. CAMSO TO RW13L: 3.05/55.
APAKE (IAF)	BINAY (FB)	224.24 / 5.86	2300	
BINAY (IF)	CAMSO (FB)	161.59 / 6.00	2000	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BINAY
- FAC: 131.61 FAF: CAMSO DIST FAF TO MAP: 4.54 THLD: 4.54
- MIN. ALT: BINAY 2300, CAMSO 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW13L 3600

MAG VAR: 6E

EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	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	920	2400	435	920	2400	435	920	4000	435	920	5000	435			
CIRCLING	1020	1	533	1020	1	533	1020	1 1/2	533	1160	2 1/4	673			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.

@ CAT D 800-2 1/4

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 485 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 13L, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33

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[illegible][illegible][illegible][illegible][illegible]

ELEVATION: 487 TDZE: 485
AIRPORT NAME:
DALLAS LOVE FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) Y RWY 13L, ORIG
JUL - 5 2007

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SLANT	SLANT	010		IF		FB				
	SLANT	APAKE	020	IAF	TF		FB	2.0	246.5 (253T)	020.5	02600
	SLANT	BINAY	030		TF		FB	1.0	224.2 (230T)	005.9	02300
		BINAY	010	FACF	IF		FB				02300
		CAMSO	020	FAF	TF		FB	0.5	161.6 (168T)	006.0	02000
		RW13L	030	MAP	TF		FO	0.3	131.6 (138T)	004.5	00532

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	131.6 (138T)		00887
	FAVKU	050		DF		FB	1.0			
	DUMPY	060		TF		FO	1.0	112.4 (118T)		05000
	DUMPY	070		HM	R	FO	2.0	298.0 (304T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APAKE	N330425.62	W0965112.99	N3304.427	W09651.217
	BINAY	N330040.15	W0965634.50	N3300.669	W09656.575
	CAMSO	N325447.87	W0965502.57	N3254.798	W09655.043
	DUMPY	N323943.90	W0963018.92	N3239.732	W09630.315
	FAVKU	N324723.60	W0964702.73	N3247.393	W09647.046
	SLANT	N331038.65	W0962757.01	N3310.644	W09627.950
	RW13L	N325126.19	W0965124.48	N3251.437	W09651.408

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13L	00477	56

CITY AND STATE

DALLAS, TX

ELEVATION: 487 TDZE: 485
AIRPORT NAME:

DALLAS LOVE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) Y RWY 13L, ORIG

JUL - 5 2007

SUP:

AMDT:

NONE

DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
SLANT	APAKE (FB)	246.49 / 20.50	2600	LNAV: DESPE	
APAKE (IAF)	BINAY (FB)	224.24 / 5.86	2300	CLIMB TO 5000 DIRECT ECOTO AND VIA 108.52 TRACK TO DUMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.	
BINAY (IF)	CAMSO (FB)	161.59 / 6.00	2000		
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 298.00 INBOUND. CHART FAS OBST: 610 BRIDGE 325425N/0965346W CHART 666 T-L TWR 325440N/0965441W. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART VDP AT 0.74 MILES TO DESPE. CAMSO TO RW13R: 2.96/53. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)

2. PROFILE STARTS AT BINAY

3. FAC: 138.50 FAF: CAMSO DIST FAF TO MAP: 4.20 THLD: 4.68

4. MIN. ALT: BINAY 2300, CAMSO 2000

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: DESPE 3600

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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	920	1	442	920	1	442	920	1 1/4	442	920	1 1/2	442			
CIRCLING	1020	1	533	1020	1	533	1020	1 1/2	533	1160	2 1/4	673			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

@ CAT D 800-2 1/4

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 478 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) Y RWY 13R, ORIG JUL - 5 2007	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 airport elevation. Distances are in nautical miles unless otherwise indicated except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 478 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) Y RWY 13R, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SLANT	SLANT	010		IF		FB				
	SLANT	APAKE	020	IAF	TF		FB	2.0	246.5 (253T)	020.5	02600
	SLANT	BINAY	030		TF		FB	1.0	224.2 (230T)	005.9	02300
		BINAY	010	FACF	IF		FB				02300
		CAMSO	020	FAF	TF		FB	0.5	161.6 (168T)	006.0	02000
		DESPE	030	MAP	TF		FO	0.3	138.5 (145T)	004.2	00686

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	138.5 (145T)		00887
	ECOTO	050		DF		FB	1.0			
	DUMPY	060		TF		FO	1.0	108.5 (115T)		05000
	DUMPY	070		HM	R	FO	2.0	298.0 (304T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APAKE	N330425.62	W0965112.99	N3304.427	W09651.217
	BINAY	N330040.15	W0965634.50	N3300.669	W09656.575
	CAMSO	N325447.87	W0965502.57	N3254.798	W09655.043
	DESPE	N325122.49	W0965209.01	N3251.375	W09652.150
	DUMPY	N323943.90	W0963018.92	N3239.732	W09630.315
	ECOTO	N324638.25	W0964809.32	N3246.638	W09648.155
	SLANT	N331038.65	W0962757.01	N3310.644	W09627.950
	RW13R	N325101.28	W0965144.41	N3251.021	W09651.740

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW13R	00476	52

CITY AND STATE
DALLAS, TXELEVATION: 487 TDZE: 478
AIRPORT NAME:
DALLAS LOVE FIELDFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO.:
RNAV (GPS) Y RWY 13R, ORIG
JUL - 5 2007SUP:
AMDT: NONE
DATED: 

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
WADES (IF)	LOVSY (FB)	129.52 / 8.71	1900	LNAV/VNAV: DA LNAV: RW13L CLIMB TO 5000 DIRECT DATLE AND VIA 111.90 TRACK TO DUMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 298.00 INBOUND. CHART FAS OBST: 605 TOWER 325150N/0965238W CHART 666 T-L TWR 325440N/0965441W. CHART FAS OBST: 610 BRIDGE 325425N/0965346W CHART PLANVIEW NOTE: RADAR REQUIRED CHART VDP AT 1.24 MILES TO RW13L* *LNAV ONLY. REFERENCE PATH ID: W13A DISTANCE TO THLD FROM 461 HAT: 1.32 NM											
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WADES 3. FAC: <u>129.61</u> FAF: <u>LOVSY</u> DIST FAF TO MAP: <u>4.24</u> THLD: <u>4.24</u> 4. MIN. ALT: <u>WADES 2500, LOVSY 1900</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1900</u> GS ALT AT: <u>LOVSY</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW13L 3600</u>				MAG VAR: 6E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X 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/VNAV DA	946	6000	461	946	6000	461	946	6000	461	946	6000	461			
LNAV MDA	920	2400	435	920	2400	435	920	4000	435	920	5000	435			
CIRCLING	1020	1 1/2	533	1020	1 1/2	533	1020	1 1/2	533	1160	2 1/4	673			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 47C (116F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 487 TDZE: 485		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:				SUP: RNAV (GPS) RWY					
DALLAS, TX		AIRPORT NAME:		RNAV		RNAV (GPS) Z RWY 13L, ORIG-A				13L					
		DALLAS LOVE FIELD				JUL - 5 2007				AMDT: ORIG					
										DATED 03/22/2001					



**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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[illegible]

CITY AND STATE
DALLAS, TX

ELEVATION: 487 TDZE: 485
AIRPORT NAME:
DALLAS LOVE FIELD

**FACILITY
IDENTIFIER:**
BNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) Z RWY 13L, ORIG-A

JUL - 5 2007

SUP:	RNAV (GPS) RWY 13L
AMDT:	ORIG
DATED:	03-22-2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
			010		HF		FB				
		WADES	010	FACF	IF		FB				
		LOVSY	020	FAF	TF		FB	0.5	129.5 (136T)	008.7	01900
		RW13L	030	MAP	TF		FO	0.3	129.6 (136T)	004.2	00527

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	129.6 (136T)		00887
	DATLE	050		DF		FB	1.0			
	DUMPY	060		TF		FO	1.0	111.9 (118T)		05000
	DUMPY	070		HM	R	FO	2.0	298.0 (304T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DATLE	N324646.87	W0964601.26	N3246.781	W09646.021
	DUMPY	N323943.90	W0963018.92	N3239.732	W09630.315
	LOVSY	N325428.43	W0965455.80	N3254.474	W09654.930
	WADES	N330042.42	W0970210.88	N3300.707	W09702.181
	RW13L	N325126.19	W0965124.48	N3251.437	W09651.408

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13L	00477		56

CITY AND STATE
DALLAS, TX

ELEVATION: 487 TDZE: 485
AIRPORT NAME:
DALLAS LOVE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) Z RWY 13L, ORIG-A
JUL - 5 2007

SUP: RNAV (GPS) RWY
13L
AMDT: ORIG
DATED: 03-22-2001

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV/VNAV: DA LNAV: RW13R CLIMB TO 5000 DIRECT ENAVE AND VIA 110.66 TRACK TO DUMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 298.00 INBOUND. CHART FAS OBST: 605 TOWER 325150N/0965238W CHART FAS OBST: 1049 TOWER 325216N/0965523W CHART PLANVIEW NOTE: RADAR REQUIRED. CHART VDP AT 2.30 MILES TO RW13R* *LNAV ONLY. REFERENCE PATH ID: W13A DISTANCE TO THLD FROM 468 HAT: 1.31 NM											
LIPPI (IF)	GRMPE (FB)	129.52 / 5.84	1900												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT LIPPI 3. FAC: <u>129.59</u> FAF: <u>GRMPE</u> DIST FAF TO MAP: <u>4.25</u> THLD: <u>4.25</u> 4. MIN. ALT: <u>LIPPI 2500, GRMPE 1900</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1900</u> GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>53.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW13R 3600</u>				MAG VAR: 6E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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/VNAV DA	946	1 3/4	468	946	1 3/4	468	946	1 3/4	468	946	1 3/4	468			
LNAV MDA	1260	1	782	1260	1 1/4	782	1260	2 1/4	782	1260	2 1/2	782			
CIRCLING	1260	1 1/2	773	1260	1 1/2	773	1260	2 1/4	773	1260	2 1/2	773			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 47C (116F). @ CAT C 800-2 1/4, CAT D 800-2 1/2 CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 487 TDZE: 478		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:		SUP: RNAV (GPS) RWY 13R							
DALLAS, TX		AIRPORT NAME: DALLAS LOVE FIELD		RNAV		RNAV (GPS) Z RWY 13R, ORIG-A JUL - 5 2007		AMDT: ORIG							
								DATED 03/22/2001							



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PAGE 2 OF 3 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		LIPPI	010	FACF	IF		FB				
		GRMPE	020	FAF	TF		FB	0.5	129.5 (136T)	005.8	01900
		RW13R	030	MAP	TF		FO	0.3	129.6 (136T)	004.3	00529

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ENAVE	040		DF		FB	1.0			
	DUMPY	050		TF		FO	1.0	110.7 (117T)		05000
	DUMPY	060		HM	R	FO	2.0	298.0 (304T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUMPY	N323943.90	W0963018.92	N3239.732	W09630.315
	ENAVE	N324644.77	W0964647.38	N3246.746	W09646.790
	GRMPE	N325403.87	W0965516.28	N3254.065	W09655.271
	LIPPI	N325814.32	W0970007.70	N3258.239	W09700.128
	RW13R	N325101.28	W0965144.41	N3251.021	W09651.740

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13R	00476	52

CITY AND STATE
DALLAS, TX

ELEVATION: 487 TDZE: 478
 AIRPORT NAME:
 DALLAS LOVE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
 RNAV (GPS) Z RWY 13R, ORIG-A
 JUL - 5 2007

SUP: RNAV (GPS) RWY 13R
 AMDT: ORIG
 DATED: 03-22-2007

APPROVED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

(1) TAKEOFF MINIMUMS:

RWY 28, NA - OBSTACLE.

RWY 10, 1100 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 10 - FOR CLIMB IN VISUAL CONDITIONS: CROSS FALWELL AIRPORT AT OR ABOVE 1,900 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, MULTIPLE TREES 9' FROM DER, 87' RIGHT OF CENTERLINE, UP TO 100' AGL/899' MSL. MULTIPLE POWER LINES 2896' FROM DER, 1192' RIGHT OF CENTERLINE, UP TO 149' AGL/968' MSL.

(4) CONTROLLING OBSTACLES:

RWY 10 (VCOA): 1,599 MSL AAO 372057.13N/0791004.36W.

(5) City, State

LYNCHBURG, VA

(6) Airport

FALWELL

(7) Effective Date

JUL -5 2007

(8) Amdt. No.

1



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 2, 7, 25 STANDARD.

RWY 20, 300-1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 255 FEET PER NM TO 300.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, BUSH 295' FROM DER, 291' RIGHT OF CENTERLINE 22' AGL/62' MSL. TREE 937' FROM DER, 603' LEFT OF CENTERLINE 81' AGL/131' MSL. POLE 1221' FROM DER, 487' RIGHT OF CENTERLINE 31' AGL/81' MSL. TREE 1275' FROM DER, 517' LEFT OF CENTERLINE 79' AGL/132' MSL. MULTIPLE TREES BEGINNING 1554' FROM DER, 298' LEFT OF CENTERLINE UP TO 88' AGL/141' MSL. TREE 1686' FROM DER, 428' RIGHT OF CENTERLINE 61' AGL/114' MSL. TREE 1849' FROM DER, 598' RIGHT OF CENTERLINE 72' AGL/125' MSL. T-L TOWER 3351' FROM DER, 1008' LEFT OF CENTERLINE 109' AGL/161' MSL. NOTE: RWY 7, TREE 371' FROM DER, 588' LEFT OF CENTERLINE 36' AGL/73' MSL. T-L TOWER 4120' FROM DER, 1324' RIGHT OF CENTERLINE 93' AGL/116' MSL. T-L TOWER 5625' FROM DER, 1345' LEFT OF CENTERLINE 133' AGL/191' MSL. (CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 20: 227 MSL STACK 370629.00N/0763007.00W

(5) City, State NEWPORT NEWS, VA	(6) Airport WILLIAMSBURG INTL	(7) Effective Date AUG 30 2007	(8) Amdt. No. ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: VECON
HILTO	HODNU (FB)	305.18 / 14.43	6000	CLIMBING LEFT TURN TO 6400 DIRECT RISTE AND HOLD.
RISTE (IAF)	TOYOR (FB)	151.61 / 19.18	5300	
HODNU (IAF)	TOYOR (FB)	336.32 / 5.00	5300	
TOYOR (IF)	SOCLE (FB)	066.29 / 6.62	4500	
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 140.01 INBOUND. CHART: 3411 TREE 365529N/0823703W CHART FAS OBST: 2955 TOWER 365757N/0823517W SOCLE TO RW06: 3.34/34. CHART APT ELEV 2684 FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT TOYOR
- FAC: 066.36 FAF: SOCLE DIST FAF TO MAP: 4.58 THLD: 5.07
- MIN. ALT: TOYOR 5300, SOCLE 4500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: VECON 5500

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	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		3260	1	589	3260	1	589	3260	1 1/2	589	3260	1 3/4	589				
CIRCLING		3260	1	576	3260	1	576	3260	1 1/2	576	3360	2 1/4	676				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VIRGINIA HIGHLANDS ALTIMETER SETTING AND
CONTINUED ON PAGE 2

@ CAT D 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE WISE, VA	ELEVATION: 2684 TDZE: 2671 AIRPORT NAME: LONESOME PINE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG JUL -5 2007	SUP: AMD'T: NONE DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**INCREASE ALL MDAS 160 FEET.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HILTO VIA V466-519 NORTHEAST BOUND.**

CITY AND STATE

WISE, VA

ELEVATION: 2684

TDZE: 2671

AIRPORT NAME:

LONESOME PINE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HILTO	HILTO	010		IF		FB				
	HILTO	HODNU	020	IAF	TF		FB	2.0	305.2 (299T)	014.4	06000
	HILTO	TOYOR	030		TF		FB	1.0	336.3 (330T)	005.0	05300
	RISTE	RISTE	010	IAF	IF		FB				
	RISTE	TOYOR	020		TF		FB	1.0	151.6 (146T)	019.2	05300
		TOYOR	010	FACF	IF		FB				05300
		SOCLE	020	FAF	TF		FB	0.5	066.3 (060T)	006.6	04500
		VECON	030	MAP	TF		FO	0.3	066.4 (060T)	004.6	02704

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	066.4 (060T)		03084
	RISTE	050		DF	L	FO	1.0			06400
	RISTE	060		HM	R	FO	2.0	140.0 (134T)	007.0	06400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HILTO	N364148.46	W0822607.44	N3641.808	W08226.124
	HODNU	N364850.19	W0824148.99	N3648.837	W08241.817
	RISTE	N370902.92	W0825824.38	N3709.049	W08258.406
	SOCLE	N365628.01	W0823743.93	N3656.467	W08237.732
	TOYOR	N365311.13	W0824454.15	N3653.186	W08244.903
	VECON	N365844.01	W0823245.73	N3658.734	W08232.762
	RW06	N365900.53	W0823215.02	N3659.009	W08232.250

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	02670	34

CITY AND STATE
WISE, VA

ELEVATION: 2684 TDZE: 2671
 AIRPORT NAME:
 LONESOME PINE

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:
 RNAV (GPS) RWY 6, ORIG
 JUL - 5 2007

SUP:
 AMDT: NONE
 DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
PSC VOR/DME	DUNEZ LOM	023.76 / 6.23	3000	ILS: DA LOC: 5.88 MILES AFTER DUNEZ LOM OR AT PSC VOR/DME 0.49 DME FIX CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3200 VIA HEADING 050 AND PSC VOR/DME R-087 TO CITYS INT/PSC 14.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DUNEZ LOM AND HOLD NE, RT, 205.74 INBOUND. ADF REQUIRED.			
ALW VOR/DME (IAF)	RYENS INT/PSC VOR/DME 14.00 DME (NOPT)	290.25 / 31.82	3200				
SMITT INT/PSC VOR/DME 17.00 DME (IAF)	RYENS INT/PSC VOR/DME 14.00 DME (NOPT)	136.00 / 3.15 (HDG) & 205.74 / 1.62	3200	ADDITIONAL FLIGHT DATA: HOLD E, RT, 266.81 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE DUNEZ LOM, RT, 205.74 INBOUND. CHART FAS OBST: 629 POWER LINES 461743N/1190429W CHART PSC R-087 AT CITYS. CHART PSC R-301 AT EXODE. CHART PSC R-269 AT GUSSE. CHART (POCIC) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. CHART 829 TREE 462034N/1190115W CHART PSC VOR/DME R-025 AT RYENS			
GUSSE/PSC VOR/DME 14.00 DME CW (IAF)	EXODE/PSC VOR/DME 14.00 DME	14.00 DME ARC	3500				
EXODE/PSC VOR/DME 14.00 DME CW (IAF)	RYENS INT/PSC VOR/DME 14.00 DME (NOPT)	14.00 DME ARC (PSC LR-016)	3200				
SEE 8260-10							

1. PT <u>L</u> SIDE OF COURSE <u>025.74</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>DUNEZ LOM</u> (IAF)							
2. _____							
3. FAC: <u>205.74</u> FAF: <u>DUNEZ LOM</u> DIST FAF TO MAP: <u>5.88</u> THLD: <u>5.88</u>							
4. MIN. ALT: <u>DUNEZ LOM 2400, SUYOK/PSC VOR/DME 2.36 DME 1080*</u>							
5. DIST TO THLD FROM OM: <u>5.88</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1010</u>							
6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2360</u> MM: <u>-</u> IM: <u>-</u>							
7. GS ANGLE: <u>3.00</u> TCH: <u>54.5</u>							
8. MSA FROM: <u>PS LOM 100-190 3500, 190-280 4800, 280-100 3300</u>							
				MAG VAR: 20E EPOCH YEAR: 1980			

MINIMUMS															
TAKEOFF:	STANDARD	X	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 21R	604	2400	200	604	2400	200	604	2400	200	604	2400	200			
S-LOC 21R	1080	2400	676	1080	2400	676	1080	1 1/2	676	1080	1 3/4	676			
CIRCLING	1080	1	670	1080	1	670	1080	2	670	1080	2 1/4	670			

SUYOK DME MINIMUMS															
	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-LOC 21R	880	2400	476	880	2400	476	880	4000	476	880	5000	476			
CIRCLING	880	1	470	880	1	470	880	1 1/2	470	1040	2	630			

NOTES:
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 100 FEET.
CHART NOTE: DME FROM PSC VOR/DME. SIMULTANEOUS RECEPTION OF I-PSC AND PSC VOR/ DME REQUIRED.
***LOC ONLY**
SEE 8260-10

CAT A, B, C 700-2, CAT D 700-2 1/4
 @ CAT D 800-2 1/4
 # @ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE PASCO, WA	ELEVATION: 410 TDZE: 404	FACILITY IDENTIFIER: I-PSC	PROCEDURE NO./AMDT NO.: ILS OR LOC RWY 21R, AMDT 11	SUP: ILS RWY 21R
	AIRPORT NAME: TRI-CITIES		JUL 5 2007	AMDT: 10D
				DATED 12/22/2005



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CITYS INT/PSC VOR/DME 14.00 DME CCW (IAF)	RYENS INT/PSC VOR/DME 14.00 DME (NOPT)	14.00 DME ARC (PSC LR-034)	3200
RYENS INT/PSC VOR/DME 14.00 DME (IF)	DUNEZ LOM	205.74 / 7.78	2400

NOTES CONT.

*1180 WHEN USING HERMISTON ALTIMETER SETTING.

CHART NOTE:**USE OF FLIGHT DIRECTOR OR AUTOPILOT OR HGS REQUIRED.

SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED:

**S-ILS 21R: DA 604, RVR 1800, HAT 200, CAT A, B, C, D

CITY AND STATE

PASCO, WA

ELEVATION: 410 TDZE: 404

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

I-PSC

PROCEDURE NO./AMDT NO.:

ILS OR LOC RWY 21R, AMDT 11

JUL 5 2007

SUP: ILS RWY 21R

AMDT: 10D

DATED: 12/22/2005



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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										MISSED APPROACH						
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW21R CLIMB TO 5200 DIRECT TUPTE AND VIA 282.04 TRACK TO PAIDS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200. ADDITIONAL FLIGHT DATA: HOLD W, RT, 089.00 INBOUND. CHART FAS OBST: 523 ROD ON TOWER 461613N/1190610W CHART 629 POWERLINE 461744N/1190430W WAAS CHANNEL # 40303 REFERENCE PATH ID: W21A CHART VDP AT 1.02 MILES TO RW21R* *LNAV ONLY DISTANCE TO THLD FROM 269 HAT: 0.68 NM												
PSC VOR/DME	RYENS (FO)	024.86 / 14.00	3200													
OLFUS (IAF)	RYENS (NOPT) (FB)	107.73 / 16.11	3200													
WATSY (IAF)	RYENS (NOPT) (FB)	183.64 / 11.91	3200													
BACUN (IAF)	RYENS (NOPT) (FB)	275.13 / 18.07	3200													
RYENS (IF/IAF)	JIVDO (FB)	205.91 / 7.65	2400													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE RYENS, RT, 205.91 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 205.82 FAF: JIVDO DIST FAF TO MAP: 6.00 THLD: 6.00 4. MIN. ALT: RYENS 3200, JIVDO 2400, SUYOK/2.00 NM TO RW21R 1080* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: JIVDO OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 54.5 34:1 IS CLEAR 8. MSA FROM: RW21R 4800										MAG VAR: 20E		EPOCH YEAR: 1980				
MINIMUMS																
TAKEOFF:		STANDARD		X		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	673	2400	269	673	2400	269	673	2400	269	673	2400	269				
LNAV/VNAV DA	779	4000	375	779	4000	375	779	4000	375	779	4000	375				
LNAV MDA	780	2400	376	780	2400	376	780	2400	376	780	5000	376				
CIRCLING	880	1	470	880	1	470	880	1 1/2	470	1040	2	630				
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 100 FEET . SEE 8260-10																
CITY AND STATE				ELEVATION: 410 TDZE: 404		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:				SUP:				
PASCO, WA				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 21R, ORIG				AMDT: NONE				
				TRI-CITIES				JUL 5 2007				DATED				



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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NOTES CONT.**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.*****LNAV ONLY****CHART NOTE: VDP AND BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING.*****1180 WHEN USING HERMISTON ALTIMETER SETTING.**

CITY AND STATE

PASCO, WA

ELEVATION: 410 TDZE: 404

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO.:

RNAV (GPS) RWY 21R, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPSC
RUNWAY	RW21R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	461610.4435N
LTP/FTP LONGITUDE	1190648.1040W
LTP/FTP ELLIPSOIDAL HEIGHT	+01006
FPAP LATITUDE	461521.3800N
FPAP LONGITUDE	1190800.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00054.5
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)	50.0

CRC REMAINDER

AF3D7B54

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01224
FPAP ORTHOMETRIC HEIGHT	+01224

CITY AND STATE

PASCO, WA

ELEVATION: 410 TDZE: 404

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO.:

RNAV (GPS) RWY 21R, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



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[illegible][illegible][illegible][illegible]

CITY AND STATE PASCO, WA	ELEVATION: 410 TDZE: 404 AIRPORT NAME: TRI-CITIES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 21R, ORIG JIII 5 2007	SUP:
				AMDT: NONE
				DATED:



**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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SUSAP KPSCCK1FR21R R 050PAIDSK1EA0EY 010TF
SUSAP KPSCCK1FR21R R 060PAIDSK1EA0EE HR020HM

2820	+ 05200
08900050	+ 05200

A JS
A JS

[illegible]

SUSAP KPSCCK1GRW21R 0071112057 N46161044W119064810+0100 00402060055150

[illegible]

SUSAP	KPSCCK1PR21R	RW21R001	0000W21A0N4616104435W11906481040+010060300N4615213800W11908006600106750000000545F400500AF3D7B54
SUSAP	KPSCCK1PR21R	RW21R002	+01224+01224W21A 40303 000

[illegible]

SUSAP KPSCCK1SRW21RK1PG 0 25180048 M

ELEVATION: 410 TDZE: 404
AIRPORT NAME:
TRI-CITIES

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 21R, ORIG

JUL 5 2007

SUP:	
AMDT:	NONE
DATED:	



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BACUN	BACUN	010	IAF	IF		FB				
	BACUN	RYENS	020		TF		FB	1.0	275.1(295T)	018.1	03200
	OLFUS	OLFUS	010	IAF	IF		FB				
	OLFUS	RYENS	020		TF		FB	1.0	107.7(128T)	016.1	03200
	PSC	PSC	010		IF		FO				
	PSC	RYENS	020	IAF	TF		FB	2.0	024.9(045T)	014.0	03200
	PSC	RYENS	030		HF	R	FB		205.9(226T)	005.0	03200
	WATSY	WATSY	010	IAF	IF		FB				
	WATSY	RYENS	020		TF		FB	1.0	183.6(204T)	011.9	03200
		RYENS	010	FACF	IF		FB				03200
		JIVDO	020	FAF	TF		FB	0.5	205.9(226T)	007.7	02400
		SUYOK	021	SDF	TF		FB	0.3	205.7(226T)	004.0	01080
		RW21R	030	MAP	TF		FO	0.3	205.7(226T)	002.0	00457

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TUPTE	040		DF		FB	1.0			
	PAIDS	050		TF		FO	1.0	282.0(302T)		05200
	PAIDS	060		HM	R	FO	2.0	089.0(109T)	005.0	05200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PSC	N461546.74	W1190656.58	N4615.779	W11906.943
	BACUN	N461803.22	W1182900.91	N4618.054	W11829.015
	JIVDO	N462021.61	W1190035.71	N4620.360	W11900.595
	OLFUS	N463533.93	W1191105.62	N4635.566	W11911.094
	PAIDS	N462037.37	W1192725.12	N4620.623	W11927.419
	RYENS	N462541.05	W1185240.04	N4625.684	W11852.667
	SUYOK	N461734.14	W1190444.16	N4617.569	W11904.736
	TUPTE	N461327.05	W1191049.56	N4613.451	W11910.826
	WATSY	N463635.50	W1184545.89	N4636.592	W11845.765
	RW21R	N461610.44	W1190648.10	N4616.174	W11906.802

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW21R	00402		55

CITY AND STATE

PASCO, WA

ELEVATION: 410 TDZE: 404

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 21R, ORIG

JUL 5 2007

SUP:

AMDT: NONE

DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH													
FROM	TO	COURSE AND DISTANCE	ALTITUDE														
CIDUG INT/SEA VORTAC 25.84 DME (IAF)	LORIE/I-TUC 17.00 DME/RADAR	026.00 / 3.96 (HDG) & 341.34 / 5.89 (I-TUC)	5000	ILS: DA LOC: 5.61 MILES AFTER TIFYS/5.98 DME/RADAR OR AT VATTU/I-TUC 0.37 DME FIX													
LORIE/I-TUC 17.00 DME/RADAR (IF)	TIFYS/I-TUC 5.98 DME/RADAR	341.34 / 11.02	2400	CLIMB VIA HEADING 341 TO CROSS NESOE/SEA 3.81 DME AT OR BELOW 2000 THEN CLIMB TO 5000 VIA SEA VORTAC R-341 TO ANVIL/SEA 11.01 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB VIA HEADING 341 TO CROSS NESOE/PAE 25.31 DME AT OR BELOW 2000 THEN CLIMB TO 5000 DIRECT PAE VOR/DME AND HOLD NW, RT, 149.04 INBOUND.													
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 161.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW PAE VOR/DME, RT, 149.04 INBOUND. CHART FAS OBST: 485 TREE 472528N/1221851W CHART IN PLANVIEW: PAE VOR/DME. CHART (DIYVE) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE													
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT LORIE 3. FAC: <u>341.34</u> FAF: <u>TIFYS/I-TUC 5.98 DME/RADAR</u> DIST FAF TO MAP: <u>5.61</u> THLD: <u>6.11</u> 4. MIN. ALT: <u>LORIE 5000, TIFYS 2400, RYBKA/I-TUC 1.37 DME 900</u> 5. DIST TO THLD FROM OM: <u>6.11</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>1305</u> GS ANT: <u>900</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>TIFYS/5.98 DME/RADAR 2400</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.7</u> 8. MSA FROM: <u>SEA VORTAC 010-160 6400, 160-250 2200, 250-010 3400</u>																	
				MAG VAR: 19E EPOCH YEAR: 2000													
MINIMUMS																	
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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 34C	587	2400	200	587	2400	200	587	2400	200	587	2400	200					
S-LOC 34C	760	2400	373	760	2400	373	760	2400	373	760	4000	373					
SIDESTEP 34R	760	5000	388	760	5000	388	760	6000	388	760	1 3/4	388					
CIRCLING	1000	1	567	1000	1	567	1000	1 1/2	567	1000	2	567					
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 34C: DA 487 MSL, 112 RA, RVR 1200, HAT 100; CATS A, B, C, D. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE SIDESTEP RWY 34R CATS A, B VISIBILITY TO RVR 6000. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CIDUG VIA V495 SOUTHBOUND. SEE 8260-10																	
CITY AND STATE SEATTLE, WA				ELEVATION: 433 AIRPORT NAME: SEATTLE-TACOMA INTL		TDZE: 34C 387 TDZE: 34R 372		FACILITY IDENTIFIER: I-TUC				PROCEDURE NO./AMDT NO.: ILS OR LOC/DME RWY 34C, AMDT 1 ILS RWY 34C (CAT II) JUL 5 2007				SUP: ILS OR LOC RWY 34C AMDT: ORIG-D DATED 09/28/2006	



ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: PROCEDURE DOES NOT MEET ICAO STANDARD FOR ALSF/TDZ/CL LIGHTING SYSTEMS. AUTHORIZATION TO CONDUCT THIS APPROACH REQUIRES SPECIFIC OPSSPEC APPROVAL OR LOA FOR THIS RUNWAY.

CITY AND STATE

SEATTLE, WA

ELEVATION: 433

TDZE: 34C 387

AIRPORT NAME:

TDZE: 34R 372

SEATTLE-TACOMA INTL

FACILITY
IDENTIFIER:
I-TUC

PROCEDURE NO./AMDT NO.:

ILS OR LOC/DME RWY 34C, AMDT 1
ILS RWY 34C (CAT II)

JUL 5 2007

SUP: ILS OR LOC RWY
34C

AMDT: ORIG-D

DATED: 09/28/2006



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
IWD VORTAC	DINER (FB)	118.39 / 44.00	5000	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 3500 DIRECT ZODOM AND VIA 201.31 TRACK TO RHI VORTAC AND HOLD.								
IMT VOR/DME	CINOP (FB)	299.84 / 35.52	5000									
DINER (IAF)	KAVPE (FB)	148.89 / 9.14	3500	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 025.29 INBOUND. CHART FAS OBST: 1740 TREE 455641N/0891503W CHART FAS OBST: 1751 TREE 455636N/0891501W CHART: 1862 TREE 460045N/0891051W WAAS CHANNEL # 99304 REFERENCE PATH ID: W22A DISTANCE TO THLD FROM 370 HAT: 1.05 NM								
CINOP (IAF)	KAVPE (FB)	265.80 / 8.24	3500									
KAVPE (IF)	NOLYI (FB)	227.52 / 6.20	3500									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KAVPE 3. FAC: <u>227.44</u> FAF: <u>NOLYI</u> DIST FAF TO MAP: <u>5.63</u> THLD: <u>5.63</u> 4. MIN. ALT: <u>KAVPE 3500, NOLYI 3500</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>3500</u> GS ALT AT: <u>NOLYI</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW22 4400</u>				MAG VAR: 2W EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF:	STANDARD	X	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
LPV DA	2012	1 1/4	370	2012	1 1/4	370	2012	1 1/4	370	2012	1 1/4	370
LNAV/VNAV DA	2038	1 1/2	396	2038	1 1/2	396	2038	1 1/2	396	2038	1 1/2	396
LNAV MDA	2040	1	398	2040	1	398	2040	1	398	2040	1 1/4	398
CIRCLING	2120	1	478	2120	1	478	2120	1 1/2	478	2200	2	558

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING MINOCQUA-WOODRUFF ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE EAGLE RIVER, WI	ELEVATION: 1642 TDZE: 1642 AIRPORT NAME: EAGLE RIVER UNION	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 22, ORIG JUL - 5 2007	SUP: AMDT: NONE DATED



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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.

NOTES CONT.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.****CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS ON IWD VORTAC AIRWAY RADIALS 059 CW 151.****PROCEDURE NA FOR ARRIVALS ON IMT VOR/DME AIRWAY RADIALS 262 CW 351.****CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINOCQUA-WOODRUFF ALTIMETER SETTING AND INCREASE ALL DAS 47 FEET AND ALL MDAS 60 FEET.**

CITY AND STATE

EAGLE RIVER, WI

ELEVATION: 1642 TDZE: 1642

AIRPORT NAME:

EAGLE RIVER UNION

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

JUL - 5 2007

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KEGV
RUNWAY RW22
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W22A
REFERENCE PATH IDENTIFIER (APPROACH ID) 455611.8200N
LTP/FTP LATITUDE 0891543.4470W
LTP/FTP LONGITUDE +04674
LTP/FTP ELLIPSOIDAL HEIGHT 455509.2300N
FPAP LATITUDE 0891714.2800W
FPAP LONGITUDE 00040.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1224
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

C63BB8C3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +04991
FPAP ORTHOMETRIC HEIGHT +04991

CITY AND STATE

EAGLE RIVER, WI

ELEVATION: 1642 TDZE: 1642

AIRPORT NAME:

EAGLE RIVER UNION

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

JUL - 5 2007

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE EAGLE RIVER, WI	ELEVATION: 1642 TDZE: 1642 AIRPORT NAME: EAGLE RIVER UNION	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 22, ORIG JUL - 5 2007	SUP:
				AMDT: NONE
				DATED: 7

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.

01637000040076

SUSAP	KEGVK5PR22	RW22	001	0000W22A0N4556118200W08915434470+046740300N4555092300W08917142800106751224000400F400500C63BB8C3
SUSAP	KEGVK5PR22	RW22	002	+04991+04991W22A 99304 000

SUSAP KEGVK5SRW22 K5PG 0 25180044 M

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IMT	IMT	010		IF		FB				
	IMT	CINOP	020	IAF	TF		FB	2.0	299.8 (298T)	035.5	05000
	IMT	KAVPE	030		TF	L	FB	1.0	265.8 (264T)	008.2	03500
	IWD	IWD	010		IF		FB				
	IWD	DINER	020	IAF	TF		FB	2.0	118.4 (116T)	044.0	05000
	IWD	KAVPE	030		TF	R	FB	1.0	148.9 (147T)	009.1	03500
		KAVPE	010	FACF	IF		FB				03500
		NOLYI	020	FAF	TF		FB	0.5	227.5 (226T)	006.2	03500
		RW22	030	MAP	TF		FO	0.3	227.4 (225T)	005.6	01677

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZODOM	040		DF		FB	1.0			
	RHI	050		TF		FO	1.0	201.3 (199T)		03500
	RHI	060		HM	R	FO	2.0	025.3 (023T)	005.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IMT	N454857.75	W0880643.69	N4548.963	W08806.728
	IWD	N463156.11	W0900733.03	N4631.935	W09007.551
	RHI	N453801.59	W0892728.04	N4538.027	W08927.467
	CINOP	N460523.71	W0885151.56	N4605.395	W08851.859
	DINER	N461209.22	W0891048.30	N4612.154	W08910.805
	KAVPE	N460429.69	W0890337.86	N4604.495	W08903.631
	NOLYI	N460008.97	W0890958.52	N4600.150	W08909.975
	ZODOM	N455323.43	W0891947.62	N4553.391	W08919.794
	RW22	N455611.82	W0891543.45	N4556.197	W08915.724

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW22	01637	40

CITY AND STATE
EAGLE RIVER, WIELEVATION: 1642 TDZE: 1642
AIRPORT NAME:
EAGLE RIVER UNIONFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO.:
RNAV (GPS) RWY 22, ORIG
JUL - 5 2007

SUP:

AMDT:

DATED:

NONE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: EGV NDB
RHI VORTAC	EGV NDB	022.42 / 19.71	3400	CLIMB TO 3400 THEN RIGHT TURN DIRECT EGV NDB AND HOLD.
DINER INT	EGV NDB	194.07 / 16.56	3400	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 216.50 INBOUND. CHART FAS OBST: 2053 TOWER 460223N/0890543W FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.

1. PT L SIDE OF COURSE 036.50 OUTBOUND 3400 FT WITHIN 10 MILES OF EGV NDB (IAF)
 2. _____
 3. FAC 216.50 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: EGV NDB 090-270 4400, 270-090 3300

MAG VAR: 2W

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	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-22		2420	1	778	2420	1 1/4	778	2420	2 1/4	778	2420	2 1/2	778			
CIRCLING		2420	1	778	2420	1 1/4	778	2420	2 1/4	778	2420	2 1/2	778			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINOCQUA-WOODRUFF ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

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

CITY AND STATE EAGLE RIVER, WI	ELEVATION: 1642 TDZE: 1642	FACILITY IDENTIFIER: EGV	PROCEDURE NO./AMDT NO.: NDB RWY 22, AMDT 6 JUL - 5 2007	SUP NDB OR GPS RWY	
	AIRPORT NAME: EAGLE RIVER UNION			22	
				AMDT	5A
				DATE	06/16/1997



[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30552; Amdt. No. 3220]

Standard Instrument Approach Procedures;

Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT

ACTION: Final rule

SUMMARY: This amendment amends Standard Instrument Approach Procedures (SIAPs) for operations at certain airports. These regulatory actions are needed because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, addition of new obstacles, or changes in 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 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. FAA Rules Docket, FAA Headquarters Building, 800 Independence Ave, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which affected airport is located; or
3. The National Flight Procedures Office, 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.

For Purchase- Individual SIAP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the affected airport is located.

By Subscription- Copies of all SIAPs, mailed once every 2 weeks, are for sale by the Superintendent of Documents, US Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs 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 amendment to Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) amends Standard Instrument Approach Procedures (SIAPs). The complete regulatory description of each SIAP is contained in the appropriate FAA Form 8260, as modified by the the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), which is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and § 97.20 of the Code of Federal Regulations. Materials incorporated by reference are available for examination or purchase as stated above.

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 in FAA form documents is unnecessary. The provisions of this amendment state the affected CFR sections, with the types and effective dates of the SIAPs. This amendment also identifies the airport, its location, the procedure identification and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-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 chart changes to SIAPs, the TERPS criteria were applied to only these 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 which created the need for all these SIAP amendments requires making them effective in less than 30 days.

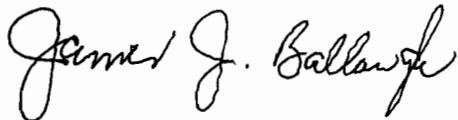
Further, the SIAPs contained in this amendment are based on the criteria contained in TERPS. Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

CONCLUSION

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, and Navigation (Air).

Issued in Washington, DC on May 18, 2007

A handwritten signature in black ink, reading "James J. Ballough". The signature is written in a cursive style with a large, stylized initial "J".

James J. Ballough
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, 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(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

[illegible]

FDC 7/0469 2Q3 FI/P YOLO COUNTY-DAVIS/WOODLAND/WINTERS, DAVIS WOODLAND WINTERS, CA. VOR RWY 34, ORIG...MSA FROM TZZ VOR 060-150 3100, 150-330 4900, 330-060 1700. THIS IS VOR RWY 34, ORIG-A.

FDC 7/0925 KKA FI/P KOYUK ALFRED ADAMS, KOYUK, AK. NDB/DME RWY 1, AMDT 1...TERMINAL ROUTE FROM MOSES POINT (MOS) VOR/DME TO ERRON COURSE 071.84 DISTANCE 15.69 NM. TERMINAL ROUTE FROM NORTON BAY (OAY) NDB TO ERRON COURSE 071.72 DISTANCE 15.47 NM. ADDITIONAL FLIGHT DATA: DELETE: OAY BRG 126 AT DEXHU. DELETE: OAY BRG 067 AT JAYQE. CHART: OAY BRG 129 AT DEXHU. CHART: OAY BRG 070 AT JAYQE. THIS IS NDB/DME RWY 1, AMDT 1A.

FDC 7/0930 KKA FI/P KOYUK ALFRED ADAMS, KOYUK, AK. NDB RWY 1, AMDT 1... TERMINAL ROUTE FROM MOSES POINT (MOS) VOR/DME TO KOYUK (KKA) NDB COURSE 042.01 DISTANCE 27.58 NM. TERMINAL ROUTE FROM NORTON BAY (OAY) NDB TO KOYUK (KKA) NDB COURSE 041.72 DISTANCE 27.41 NM. THIS IS NDB RWY 1, AMDT 1A.