Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: IAP	Date Open: 07/13/2012	Task #: 2012071327367001003	Request #: 20120713273670
Procedure: RNAV (GPS) RWY 25 AMDT 0-A		Airport ID: KSFM	Airport: SANFORD SEACOAST RGNL		Reimbursable #:
City: SANFORD	ST: ME	GPS #:		Estimated Chart Date: 03/07/2013	FICO #:
Fac ID:	Fac. Type:	Specialist: SEAN BARBEE			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:				
QA:				WILSON 10-25-2012
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

ATTACHED FORMS: 8260-3, 8260-9, 8260-10.
CONTACT: DONALD SMITH, 405.954.1036.

FIG not required

NOV 05 2012

FAS PACK SAT

ARI SAVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CON VORTAC	GUNTY (FO)	087.81 / 50.26	3000
MHT VOR/DME	GUNTY (FO)	062.74 / 53.71	2400
SAPPE (IAF)	GUNTY (NOPT) (FB)	263.81 / 20.75	2400
GUNTY (IF/IAF)	ZIRMU (FB)	255.51 / 6.10	1800
ZIRMU (FAF)	RW25 (MAP) (FO)	255.43 / 4.76	
RW25 (MAP)	1000 MSL	255.43	1000
1000 MSL	GUNTY (FO)		2400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2400 DIRECT GUNTY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E GUNTY, RT, 255.51 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC: 255.43 FAF: ZIRMU DIST FAF TO MAP: 4.76 THLD: 4.76
4. MIN. ALT: GUNTY 2400, ZIRMU 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: ZIRMU 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
8. MSA FROM: RW25 3600

ADDITIONAL FLIGHT DATA:
FAS OBST: 419 AAO 432541N/0703815W
DISTANCE TO THLD FROM 263 HATH: 0.66 NM.
CHART VDP AT 1.26 MILES TO RW25*
*LNAV ONLY.
WAAS CHANNEL # 53521
REFERENCE PATH ID: W25A
LTP HAE: 44.4 M

MAG VAR: 17W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	496	1	263	496	1	263	496	1	263	496	1	263			
LNAV/VNAV DA	675	1 3/8	442	675	1 3/8	442	675	1 3/8	442	675	1 3/8	442			
LNAV MDA	680	1	447	680	1	447	680	1 1/8	447	680	1 1/8	447			
CIRCLING	760	1	516	760	1	516	760	1 1/2	516	860	2	616			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV OR LNAV CATS A/B.
CHART NOTE: BARO-VNAV NA WHEN USING ROCHESTER, NH ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: FOR INOPERATIVE ODALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 AND LNAV CATS (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 244 THRE: 233 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SANFORD, ME	SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	AMDT: ORIG
				DATED 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZBW, BOS APP CON, PWM APP CON, AMGR

FLIGHT CHECKED BY		
NAME: MICHAEL EDWARD WILSON	FIFO FIOG	DATE: 03/15/2011
DEVELOPED BY		
NAME: SEAN BARBEE	FIFO AJV-352	DATE: 10/12/2012
APPROVED BY		
NAME: SUSAN CRUMB MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. CHANGED AIRPORT NAME FROM SANFORD RGNL TO SANFORD SEACOAST RGNL.
2. CHANGED HELICOPTER VISIBILITY REDUCTION NOTE FROM: VISIBILITY REDUCTION BY HELICOPTERS NA.
3. DELETED NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 25 PROCEDURE NA AT NIGHT.
4. ADDED TO ADDITIONAL FLIGHT DATA: CHART VDP AT 1.26 NM TO RW 25.
5. UPDATED HIGH TEMP WITHIN THE UNCOMPENSATED BARO-VNAV NOTE FROM 42C (107F).

REASONS:

1. CHANGE REQUESTED BY SANFORD TOWN COUNCIL AND AIRPORT MANAGER.
2. IAW 8260.19E, CHANGE 2, PARA 8-54I(3), WHEN VISUAL SURFACE PENETRATIONS ARE IDENTIFIED, A NOTE IS REQUIRED TO PREVENT HELICOPTERS FROM APPLYING 14 CFR PART 97.3.
3. EVALUATION OF NEW SURVEY DATA SHOWS RWY 25 STRAIGHT-IN VISUAL SURFACE AREA FREE OF 20:1 PENETRATIONS.
4. IAW 8260.3B, CHANGE 2, PARA 8-57R(1) AND 8260.3B, PARA 252, PUBLISH A VDP FOR ALL STRAIGHT-IN NON-PRECISION APPROACHES IF ABLE.
5. LATEST AFS BARO-VNAV TEMPERATURE CALCULATOR.

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NOTES, (CONT.):
C/D VISIBILITY TO 1 3/8.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MHT VOR/DME ON V106 SOUTHWEST BOUND AND AT SAPPE ON V268 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCHESTER, NH ALTIMETER SETTING: INCREASE LPV DA TO 534; INCREASE LNAV/VNAV DA TO 713 AND VISIBILITY ALL CATS 1/8 MILE; INCREASE ALL MDA 40 FEET AND LNAV CATS C/D VISIBILITY 1/8 MILE; FOR INOPERATIVE ODALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 AND LNAV CATS C/D VISIBILITY TO 1 3/8.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

CITY AND STATE	ELEVATION: 244 THRE: 233	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SANFORD, ME	AIRPORT NAME: SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	AMDT: ORIG
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSFM
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	432343.0920N
LTP/FTP LONGITUDE	0704201.8975W
LTP/FTP ELLIPSOIDAL HEIGHT	+00444
FPAP LATITUDE	432256.3400N
FPAP LONGITUDE	0704345.9300W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2696DE8A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00710
FPAP ORTHOMETRIC HEIGHT	+00710

CITY AND STATE	ELEVATION: 244 THRE: 233	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SANFORD, ME	AIRPORT NAME: SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	AMDT: ORIG
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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---------------------------------------------------------------------------------------------------------------------------
SUSAP KSFMK6PR25   RW25 001 0000W25A0N4323430920W07042018975+004440300N4322563400W070434593001067509200005 20F4005002696DE8A
SUSAP KSFMK6PR25   RW25 002E      +00710+00710LPV       53521
```

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
---------------------------------------------------------------------------------------------------------------------------
SUSAP KSFMK6SRW25 K6PG               0   18018003625                                                                    M
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CITY AND STATE	ELEVATION: 244 THRE: 233	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SANFORD, ME	AIRPORT NAME: SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	AMDT: ORIG
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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

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ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CON   K6011290VTLA N43131123W071343163    N43131123W071343163W0150007151     NARCONCORD
        SUSAD        MHT   K6011440VDL  N42520670W071221031    N42520670W071221031W0150004711     NARMANCHESTER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GUNTY K60    W     N43292430W070291948                      W0156     NAR           GUNTY
        SUSAEAENRT   SAPPE K60    C   L N43373755W070030743                      W0159     NAR           SAPPE
        SUSAEAENRT   ZIRMU K60    W     N43261273W070362821                      W0156     NAR           ZIRMU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFMK6ASFM     0     063YHN43233770W070422880W017000244         1800018000C    MNAR    SANFORD SEACOAST RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFMK6FR25   ACON   010CON  K6D 0V       IF                                                18000                A JS
        SUSAP KSFMK6FR25   ACON   020GUNTYK6EA0EY   020TF                    08780503    + 03000                            A JS
        SUSAP KSFMK6FR25   ACON   030GUNTYK6EA0EE AR   HF                    25550040    + 02400                            A JS
        SUSAP KSFMK6FR25   AMHT   010MHT  K6D 0V       IF                                                18000                A JS
        SUSAP KSFMK6FR25   AMHT   020GUNTYK6EA0EY   020TF                    06270537    + 02400                            A JS
        SUSAP KSFMK6FR25   AMHT   030GUNTYK6EA0EE AR   HF                    25550040    + 02400                            A JS
        SUSAP KSFMK6FR25   ASAPPE 010SAPPEK6EA0E  A    IF                                                18000                A JS
        SUSAP KSFMK6FR25   ASAPPE 020GUNTYK6EA0EE B 010TF                    26380208    + 02400                            A JS
        SUSAP KSFMK6FR25   R      010GUNTYK6EA0E  I    IF                                 + 02400     18000                A JS
        SUSAP KSFMK6FR25   R      020ZIRMUK6EA1E  F 051TF                    25550061    + 01800                 RW25  K6PGA JS
        SUSAP KSFMK6FR25   R      020ZIRMUK6EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KSFMK6FR25   R      030RW25 K6PG0GY M 031TF                    25540048      00285             -300          A JS
        SUSAP KSFMK6FR25   R      040         0  M     CA                    2554        + 01000                            A JS
        SUSAP KSFMK6FR25   R      050GUNTYK6EA0EY  L   DF                                 + 02400                            A JS
        SUSAP KSFMK6FR25   R      060GUNTYK6EA0EE  R   HM                    25550040    + 02400                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFMK6GRW25    0063892554 N43234309W070420190+0100    +0044400233038852100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 244 THRE: 233	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SANFORD, ME	AIRPORT NAME: SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	AMDT: ORIG
				DATED: 05/05/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CON	CON	010		IF		FB					
	CON	GUNTY	020		TF		FO	2.0	087.8(070.8T)	050.3	AA 03000	
	CON	GUNTY	030	IAF	HF	R	FO		255.5(238.5T)	004.0	AA 02400	
	MHT	MHT	010		IF		FB					
	MHT	GUNTY	020		TF		FO	2.0	062.7(045.7T)	053.7	AA 02400	
	MHT	GUNTY	030	IAF	HF	R	FO		255.5(238.5T)	004.0	AA 02400	
	SAPPE	SAPPE	010	IAF	IF		FB					
	SAPPE	GUNTY	020		TF		FB	1.0	263.8(246.8T)	020.8	AA 02400	
		GUNTY	010	FACF	IF		FB				AA 02400	
		ZIRMU	020	FAF	TF		FB	0.5	255.5(238.5T)	006.1	AA 01800	
		RW25	030	MAP	TF		FO	0.3	255.4(238.4T)	004.8	AT 00285	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		255.4(238.4T)		AA 01000	
	GUNTY	050		DF	L	FO				AA 02400	
	GUNTY	060		HM	R	FO		255.5(238.5T)	004.0	AA 02400	

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CON	N431311.23	W0713431.63	N4313.187	W07134.527
MHT	N425206.70	W0712210.31	N4252.112	W07122.172
GUNTY	N432924.30	W0702919.48	N4329.405	W07029,325
SAPPE	N433737.55	W0700307.43	N4337.626	W07003.124
ZIRMU	N432612.73	W0703628.21	N4326.212	W07036.470
RW25	N432343.09	W0704201.90	N4323.718	W07042.032

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW25	00233	52

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 244 THRE: 233	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SANFORD, ME	AIRPORT NAME: **SANFORD SEACOAST RGNL**	**RNAV**	**RNAV (GPS) RWY 25, ORIG-A**	AMDT: **ORIG**
				DATED: **05/05/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	CON VORTAC	GUNTY	1. TERR+TREES	431954.00N/0710657.00W	1460 (4E)	2000	MT-460	3000
			2. TERRAIN	431954.00N/0710657.00W	1360 (1400)		AS1500	2900
FEEDER	MHT VOR/DME	GUNTY	3. TOWER (33-000099)	425705.00N/0711605.00W	983 (3C)	1000	AT417	2400
			4. TERRAIN	425703.00N/0711754.00W	644 (600)		AS1500	2100
INITIAL	SAPPE	GUNTY	5. TOWER (23-000296)	433239.00N/0702414.00W	582 (2C)	1000	AT818	2400
			6. TERRAIN	432906.00N/0702657.00W	197 (200)		AS1500	1700
INTERMEDIATE	GUNTY (IF/IAF)	ZIRMU	7. TOWER (23-000082)	433030.00N/0703018.00W	545 (5E)	500	AC125	1200
			8. TERRAIN	432915.00N/0703133.00W	292 (300)		AS1500	1800
FINAL: LPV	ZIRMU	RW25	9. TREE (KSFM0033)	432348.45N/0704202.56W	276 (1A)	34:1	MA13	496/263
FINAL: LNAV/VNAV	ZIRMU	RW25	10. TREES	432441.85N/0704118.20W	369 (2C)	23.44:1	AC20	675/442
FINAL: LNAV	ZIRMU	RW25	11. AAO	432540.60N/0703814.80W	419 (2C)	250		680
2. HOLD-IN-LIEU-OF-PT	GUNTY	P-5	5. TOWER (23-000296)	433239.00N/0702414.00W	582 (2C)	1000	AT818	2400
			12. TERRAIN	433021.00N/0703612.00W	296 (300)		AS1500	1800
3. MISSED APPROACH — MAP:	DA / DA / RW25	GUNTY	13. TREE (KSFMT1158)	432351.86N/0704130.45W	307 (1A)	ASC		2400
			14. TREES	422302.80N/0704704.80W	979 (2C)	1000		2000
ELEV:	302/514/580		15. TERRAIN	422302.80N/0704704.80W	879 (900)		AS1500	2400
			16. TREES	432354.84N/0704308.33W	459 (2C)	300		760
			16. TREES	432354.84N/0704308.33W	459 (2C)	300		760
			16. TREES	432354.84N/0704308.33W	459 (2C)	300		760
			17. TREE (KSFM0061)	432155.55N/0704528.50W	545 (1A)	300		860

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	516
CATEGORY B	1.5 NM	450	516
CATEGORY C	1.7 NM	450	516
CATEGORY D	2.3 NM	550	616
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW25

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (23-000419)	011/ 27.1	2549 (4D)	3600					

CITY AND STATE	ELEVATION: 244 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SANFORD, ME	SANFORD SEACOAST RGNL	RNAV	RNAV (GPS) RWY 25, ORIG-A	ANE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZBW ARTCC PWM APP CON BOS APP CON BGR FSS		N W S	OTHER: AWOS-3	SOURCE: KSFM / KDAW
	X	F A A		DISTANCE: 0 / 11.71
		A / C		HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KSFM			ADJUSTMENT: 0 / 38

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
	X	HIRL 25 (PCL), 07 (PCL)
	X	MIRL 14 (PCL), 32 (PCL)
	X	REIL 07 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) ODALS 25 (PCL) PAPI-4L 25 (PCL), 07 (PCL), 14, 32
6. RUNWAY MARKINGS	BASIC	BSC-G 14, 32
	ALL WEATHER	PIR-G 07
	INSTRUMENT	NPI-G 25
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 232.5
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 52.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: SEAN BARBEE	DATE: 10/12/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

THRESHOLD DISPLACED 388.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO ADDITIONAL AIRSPACE REQUIRED.

KSFM AWOS AND KDAW ASOS ON SERVICE A.

VGSI DATA: 3.00/47.0

RASS PRESSURE PATTERNS SAME
KSFM 244, KDAW 322
RA = 37.8.

100 FOOT TREES USED PER EASTERN FPT.

MANUAL EVALUATION OF TERRAIN ACCOMPLISHED IN FINAL, CIRCLING, AND MISSED APPROACH SEGMENTS FOR CONTROLLING OBSTACLE AND AIRSPACE EVALUATIONS DUE TO DTED INACCURACY WHEN COMPARED AGAINST QUAD MAP

52 FT TCH WAS ORIGINALLY SELECTED VICE PUBLISHED VGSI TCH TO MITIGATE GQS PENETRATIONS. OBSTACLES IDENTIFIED AS GQS PENETRATIONS ARE NOT A FACTOR PER THIRD PARTY SURVEY DATED 03/08/2011. TCH MAY BE CHANGED TO MATCH VGSI AT NEXT MAJOR AMENDMENT.

STEPDOWN FIX NOT ESTABLISHED IN LNAV FINAL. A 60 FOOT MDA REDUCTION COULD NOT BE ACHIEVED DUE TO MISSED APPROACH PENETRATIONS.

EASTERN MOUNTAINOUS TERRAIN REDUCTION APPLIED TO OBST #1 IN CON VORTAC FEEDER SEGMENT IAW TERPS PARA 1720.

LPV, LNAV/VNAV AND LNAV INTERMEDIATE SEGMENTS HAVE SAME CONTROLLING OBSTACLE.

4D ACCURACY APPLIED TO 2549 MSL TOWER (23-000419) IN MSA PER 1998-ANE-62-OE.

LPV OCS SURFACE = 34:1
LNAV/VNAV OCS SURFACE = 23.44:1
LNAV/VNAV STANDARD ISA DEVIATION -30C.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
34:1
307 TREE (KSFMT1158) 432351.86N/0704130.45W (8.56)
311 TREE (KSFMT1196) 432351.04N/0704127.07W (7.59)
300 TREE (KSFMT1129) 432355.40N/0704135.31W (5.02)
298 TREE (KSFMT1119) 432352.71N/0704133.85W (4.52)
296 TREE (KSFMT1105) 432353.18N/0704134.78W (3.51)
298 TREE (KSFMT1150) 432349.66N/0704129.67W (1.55)
289 TREE (KSFMT1059) 432354.95N/0704138.81W (1.19)