Flight Procedure Tracking Form	Action: AMENDMENT	Task Type: IAP	Date Open: 07/13/2012	Task #: 2012071327367001005	Request #: 20120713273670
Procedure: VOR RWY 7 AMDT 4B		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 10-26-2012 Correction Required
Liaison:				

Procedure Comments:

Remark Type: INFORMATION

ATTACHED FORMS: 8260-5, 8260-9.
CONTACT: DONALD SMITH, 405.954.1036.

FLG not required

NOV 05 2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ENE VORTAC	BYREN INT/ENE 11.20 DME	260.31 / 11.20	2400
MHT VOR/DME (IAF)	SLEPY INT/ENE 21.00 DME (NOPT)	045.96 / 27.95	2700
SLEPY INT/ENE 21.00 DME (IF)	BYREN INT/ENE 11.20 DME	080.31 / 9.80 (ENE R-260)	2200

MISSED APPROACH

MAP: 6.00 MILES AFTER BYREN INT/ENE 11.20 DME OR AT ENE 5.20 DME FIX

CLIMB TO 2400 DIRECT ENE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 262.00 INBOUND.
CHART FAS OBST: 979 TREES 432303N/0704705W
CHART VDP AT 8.18 DME;
DISTANCE VDP TO THLD 2.98 MILES.
BYREN TO RW07: 3.00/53.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W BYREN, RT, 080.31 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC 080.31 FAF BYREN INT/ENE 11.20 DME DIST FAF TO MAP 6.00 THLD 6.00
4. MIN. ALT BYREN 2200
8. MSA FROM: ENE VORTAC 055-235 1900, 235-325 3100, 325-055 3600

MAG VAR: 17W EPOCH YEAR:1970

MINIMUMS

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

ALTERNATE: N A

STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-7	1240	1 1/4	999	1240	1 1/2	999	1240	3	999	1240	3	999			
CIRCLING	1240	1 1/4	996	1240	1 1/2	996	1240	3	996	1240	3	996			

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MHT VOR/DME ON V141 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTTING NOT RECEIVED, USE ROCHESTER, NH ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

@ CAT A, B 1000-2, CAT C, D 1000-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 244 THRE: 241	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SANFORD, ME	AIRPORT NAME: SANFORD SEACOAST RGNL	ENE	VOR RWY 7, AMDT 4B	AMDT 4A
				DATE 06/30/2011

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

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: GREGORY JOHN MARINO	FIFO FIOG	DATE: 02/16/2011
DEVELOPED BY		
NAME: SEAN BARBEE	FIFO AJV-352	DATE: 10/18/2012
APPROVED BY		
NAME: SUSAN CRUMB MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. MSA SECTOR 325 TO 055 ALTITUDE UPDATED TO 3600.
2. CHANGED AIRPORT NAME FROM SANFORD RGNL TO SANFORD SEACOAST RGNL.
3. CHANGED HELICOPTER VISIBILITY REDUCTION NOTE FROM: VISIBILITY REDUCTION BY HELICOPTERS NA.
4. UPDATED HATH TO 999.

REASONS:

1. PNOTAM 1/0969 - CORRECT TYPO.
2. CHANGE REQUESTED BY SANFORD TOWN COUNCIL AND AIRPORT MANAGER.
3. 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.
4. THRESHOLD ELEVATION UPDATED TO 241.

QUALITY 5 CHECKED

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	ENE VORTAC	BYREN INT/ENE	1. TOWER (23-000093)	432500.30N/0704815.20W	1165 (5E)	1000		2200
		11.20 DME	2. TERRAIN	432302.80N/0704704.80W	879 (900)		AS1500	2400
INITIAL	MHT VOR/DME	SLEPY INT/ENE	3. TOWER (33-000021)	431033.29N/0711227.22W	1548 (5E)	1000		2600
		21.00 DME	4. TERRAIN	431045.00N/0711203.00W	1155 (1200)		AS1500	2700
INTERMEDIATE	SLEPY INT/ENE	BYREN INT/ENE	5. TOWER (33-000162)	431954.00N/0710657.00W	1540 (4D)	500		2100
	21.00 DME	11.20 DME	6. TERRAIN	431945.00N/0710418.00W	722 (700)		AS1500	2200
FINAL	BYREN INT/ENE	6.00 MILES AFTER	7. TREES	432302.80N/0704704.80W	979 (2C)	250		1240
	11.20 DME	BYREN INT/ENE						
		11.20 DME OR AT						
		ENE 5.20 DME						
		FIX						
2. HOLD-IN-LIEU-OF-PT	BYREN	P-5	7. TREES	432302.80N/0704704.80W	979 (2C)	1000		2000
			2. TERRAIN	432302.80N/0704704.80W	879 (900)		AS1500	2400
3. MISSED APPROACH — MAP:	6.00 MILES AFTER	ENE VORTAC				ASC		2400
	BYREN INT/ENE		8. AAO	432812.00N/0703842.00W	525 (4E)	1000		1600
ELEV:	990		9. TERRAIN	432812.00N/0703842.00W	325 (300)		AS1500	1800

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	996		10. TREES	432354.48N/0704308.33W	459 (2C)	300	SI	1240
CATEGORY B	1.5 NM	450	996		10. TREES	432354.48N/0704308.33W	459 (2C)	300	SI	1240
CATEGORY C	1.7 NM	450	996		10. TREES	432354.48N/0704308.33W	459 (2C)	300	SI	1240
CATEGORY D	2.3 NM	550	996		11. TREES (KSFM0061)	432155.55N/0704528.50W	545 (1A)	300	SI	1240
CATEGORY E	4.5 NM	550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ENE VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
055-235	TWR (23-000346)	049/ 22.7	871 (5E)	1900	325-055	TWR (23-000419)	003/ 26.0	2549 (2C)	3600
235-325	AAO	303/ 23.0	2068 (6C)	3100					

CITY AND STATE	ELEVATION: 244 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
SANFORD, ME	SANFORD SEACOAST RGNL	ENE	VOR RWY 7, AMDT 4B	ANE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZBW ARTCC BOS APP CON PWM 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: ENE VORTAC	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		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: 239.9
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 53.0

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: 10/18/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO ADDITIONAL AIRSPACE REQUIRED.

KSFM AWOS AND KDAW ASOS ON SERVICE A.

VGSI DATA: 3.00/52.5

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

100 FOOT TREES USED PER EASTERN FPT.

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

4D ACCURACY APPLIED TO OBS #5 (1540 TOWER, 33-000163) IN INTERMEDIATE SEGMENT. SECONDARY REDUCTION NOT NEEDED, FULL ROC APPLIED.

4D ACCURACY APPLIED TO 2549 MSL TOWER (23-000419) IN MSA SECTOR R-325 CW R-055 PER 1998-ANE-62-OE.

TERPS 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
34:1
321 TREE (KSFMT0689) 432304.80N/0704348.22W (7.08)
289 TREE (KSFMT0443) 432258.72N/0704327.25W (4.34)

FPT AND AIRPORT MANAGER REPORT THE FOLLWING OBSTACLES HAVE BEEN REMOVED. FPT HAS ALSO NOTIFIED ORS TEAM TO REMOVE THESE OBSTACLES FROM THE DATABASE:
293 MSL TREE (23-021551) 432306.02N/0704324.25W
292 MSL TREE (23-021552) 432307.18N/0704326.96W
296 MSL TREE (23-021549) 432305.94N/0704312.93W
299 MSL TREE (23-021550) 432302.86N/0704320.70W
303 MSL TREE (23-021553) 432309.74N/0704329.11W
289 MSL TREE (23-021555) 432312.91N/0704322.24W
313 MSL TREE (23-021554) 432312.05N/0704326.39W
302 MSL TREE (KSFMT1259) 432300.54N/0704334.67W
294 MSL TREE (KSFMT1591) 432259.55N/0704331.14W
289 MSL TREE (KSFMT1590) 432259.68N/0704329.10W