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
LEB VOR/DME	OGIPE (FB)	191.54 / 37.97	5000
CON VORTAC	NOMBE (FB)	221.91 / 14.86	3600
NOMBE (IAF)	PETAE (NOPT) (FB)	292.12 / 9.90	3600
OGIPE (IAF)	PETAE (NOPT) (FB)	111.82 / 9.90	3600
PETAE (IF/IAF)	QOSNU (FB)	202.97 / 7.00	3100
QOSNU (FAF)	RIGLE (MAP) (FO)	202.95 / 5.53	
RIGLE (MAP)	1440 MSL	202.95	
1440 MSL	SCROB (FO)		3000

MISSED APPROACH

LNAV: RIGLE

CLIMB TO 3000 DIRECT SCROB AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 022.91 INBOUND.
FAS OBST: 1401 AAO 425134N/0715959W
FAC CROSSES MID POINT OF RWY 16-34.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE PETAE, RT, 202.97 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 202.95 FAF: QOSNU DIST FAF TO MAP: 5.53 THLD:
4. MIN. ALT: PETAE 3600, QOSNU 3100
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: RIGLE 4400

MAG VAR: 14W EPOCH YEAR: 1970

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
CIRCLING	1700	1	660	1700	1	660		NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEENE ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1040 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
JAFFREY, NH	AIRPORT NAME: JAFFREY AIRPORT-SILVER RANCH	RNAV	RNAV (GPS)-C, ORIG	AMDT: NONE
				DATED

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 ARTCC, AIRPORT MANAGER.**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **BRIAN M. SHAFFER**	FIFO **AJV-352**	DATE: **02/08/2012**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

REASONS:

FPT REQUEST

PDF EDITS

8260-3:
ADDED "FAF" FOLLOWING QOSNU FIX IN TERMINAL ROUTES FROM SECTION.
ADDED "202.95" COURSE TO RIGLE TO 1440 MSL SEGMENT IN TERMINAL ROUTES COURSE AND DISTANCE BLOCK.
CHANGED TERMINAL ROUTES 1440 MSL TO SCROB SEGMENT ALTITUDE FROM 1440 TO 3000 IN ALTITUDE COLUMN.
8260-10:
DELETED "020" FROM MISSED APPROACH HOLD SEGMENT.
8260-10 FLIGHT INSPECTION SUMMARY:
DELETED RNP "2.0" FROM MISSED APPROACH SCROB 060 SEQUENCE.

QUALITY A CHECKED

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

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CON VORTAC AIRWAY RADIALS 172 CW 246.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LEB VOR/DME AIRWAY RADIALS 117 CW 267.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1040 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JAFFREY, NH	AIRPORT NAME: JAFFREY AIRPORT-SILVER RANCH	RNAV	RNAV (GPS)-C, ORIG	AMDT: NONE
				DATED:

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CON   K6011290VTLA N43131123W071343163    N43131123W071343163W0150007151     NARCONCORD
        SUSAD        LEB   K6011370VDL  N43404388W072125787    N43404388W072125787W0150014431     NARLEBANON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   NOMBE K60    W     N43000284W071440041                      W0149     NAR           NOMBE
        SUSAEAENRT   OGIPE K60    W     N43024760W072104434                      W0147     NAR           OGIPE
        SUSAEAENRT   PETAE K60    W     N43012600W071572208                      W0148     NAR           PETAE
        SUSAEAENRT   QOSNU K60    W     N42543081W071585123                      W0148     NAR           QOSNU
        SUSAEAENRT   RIGLE K60    W     N42490317W072000135                      W0147     NAR           RIGLE
        SUSAEAENRT   SCROB K60    C     N42413236W072013752                      W0147     NAR           SCROB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6AAFN     0     029YHN42481848W072001088W014001040         1800018000C    MNAR    JAFFREY AIRPORT-SILVER RANCH

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6FRNV-C ACON   010CON  K6D 0V       IF                                                18000                 B JC
        SUSAP KAFNK6FRNV-C ACON   020NOMBEK6EA0E  A 020TF                     22190149    + 03600                             B JC
        SUSAP KAFNK6FRNV-C ACON   030PETAEK6EA0EE B 010TF                     29210099    + 03600                             B JC
        SUSAP KAFNK6FRNV-C ALEB   010LEB  K6D 0V       IF                                                18000                 B JC
        SUSAP KAFNK6FRNV-C ALEB   020OGIPEK6EA0E  A 020TF                     19150380    + 05000                             B JC
        SUSAP KAFNK6FRNV-C ALEB   030PETAEK6EA0EE B 010TF                     11180099    + 03600                             B JC
        SUSAP KAFNK6FRNV-C APETAE 010PETAEK6EA0EE AR   HF                     20300040    + 03600     18000                   B JC
        SUSAP KAFNK6FRNV-C R      010PETAEK6EA0E  I    IF                                 + 03600     18000                   B JC
        SUSAP KAFNK6FRNV-C R      020QOSNUK6EA0E  F 051TF                     20300070    + 03100                 RIGLE K6EAB JC
        SUSAP KAFNK6FRNV-C R      030RIGLEK6EA0EY M 031TF                     20300055      01700              000            B JC
        SUSAP KAFNK6FRNV-C R      040         0  M     CA                     2030        + 01440                             B JC
        SUSAP KAFNK6FRNV-C R      050SCROBK6EA0EY      DF                                 + 03000                             B JC
        SUSAP KAFNK6FRNV-C R      060SCROBK6EA0EE  L   HM                     02290040    + 03000                             B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6SRIGLEK6EA               0   18018004425                                                                    M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1040 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
JAFFREY, NH	AIRPORT NAME: **JAFFREY AIRPORT-SILVER RANCH**	**RNAV**	**RNAV (GPS)-C, ORIG**	AMDT: **NONE**
				DATED:

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**

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

ARINC SUMMARY - 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	NOMBE	020	IAF	TF		FB	2.0	221.9(207.9T)	014.9	AA 03600	
	CON	PETAE	030		TF		FB	1.0	292.1(278.1T)	009.9	AA 03600	
	LEB	LEB	010		IF		FB					
	LEB	OGIPE	020	IAF	TF		FB	2.0	191.5(177.5T)	038.0	AA 05000	
	LEB	PETAE	030		TF		FB	1.0	111.8(097.8T)	009.9	AA 03600	
	PETAE	PETAE	010	IAF	HF	R	FO		203.0(189.0T)	004.0	AA 03600	
		PETAE	010	FACF	IF		FB				AA 03600	
		QOSNU	020	FAF	TF		FB	0.5	203.0(189.0T)	007.0	AA 03100	
		RIGLE	030	MAP	TF		FO	0.3	203.0(189.0T)	005.5	AT 01700	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		203.0(189.0T)		AA 01440	
	SCROB	050		DF		FO				AA 03000	
	SCROB	060		HM	L	FO		022.9(008.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CON	N431311.23	W0713431.63	N4313.187	W07134.527
	LEB	N434043.88	W0721257.87	N4340.731	W07212.965
	NOMBE	N430002.84	W0714400.41	N4300.047	W07144.007
	OGIPE	N430247.60	W0721044.34	N4302.793	W07210.739
	PETAE	N430126.00	W0715722.08	N4301.433	W07157.368
	QOSNU	N425430.81	W0715851.23	N4254.514	W07158.854
	RIGLE	N424903.17	W0720001.35	N4249.053	W07200.023
	SCROB	N424132.36	W0720137.52	N4241.539	W07201.625

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1040 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
JAFFREY, NH	AIRPORT NAME: **JAFFREY AIRPORT-SILVER RANCH**	**RNAV**	**RNAV (GPS)-C, ORIG**	AMDT: **NONE**
				DATED:

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	LEB VOR/DME	OGIPE	1. AAO	432919.40N/0721257.60W	2976 (6C)	2000	AT24	5000
			2. TERRAIN	432919.40N/0721257.60W	2776 (2800)		AS1500	4300
FEEDER	CON VORTAC	NOMBE	3. AAO	430348.00N/0714409.00W	1428 (4E)	2000	AT172	3600
			4. TERRAIN	430348.00N/0714409.00W	1228 (1200)		AS1500	2700
INITIAL	NOMBE	PETAE	5. AAO	425952.10N/0715226.60W	2266 (6C)	1000	AT234	3500
			6. TERRAIN	425952.10N/0715226.60W	2066 (2100)		AS1500	3600
INITIAL	OGIPE	PETAE	7. AAO	430552.40N/0720752.20W	2353 (6C)	1000	AT247	3600
			8. TERRAIN	430121.00N/0720157.00W	2031 (2000)		AS1500	3500
INTERMEDIATE	PETAE (IF/IAF)	QOSNU	9. AAO	430100.00N/0720012.00W	1821 (4E)	500	AC125	2500
			10. TERRAIN	430100.00N/0720012.00W	1621 (1600)		AS1500	3100
FINAL: LNAV	QOSNU	RIGLE	11. AAO	425134.02N/0715959.21W	1401 (2C)	250		1660
2. HOLD-IN-LIEU-OF-PT	PETAE	P-5	12. AAO	430121.00N/0720157.00W	2231 (4E)	1000	AT369	3600
			13. TERRAIN	430121.00N/0720157.00W	2031 (2000)		AS1500	3500
3. MISSED APPROACH — MAP:	RIGLE	SCROB				ASC		3000
			14. AAO	424508.00N/0720109.00W	1637 (2C)	1000		2700
ELEV:	1600		15. TERRAIN	424508.00N/0720109.00W	1437 (1400)		AS1000	2400
			16. TREE	424653.07N/0715925.44W	1399 (2C)	300		1700
			16. TREE	424653.07N/0715925.44W	1399 (2C)	300		1700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	660
CATEGORY B	1.5 NM	450	660
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RIGLE

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	MSA
360-360	AAO	314/ 05.4	3369 (6C)	4400					

HAZITY 4 CHECKED

CITY AND STATE	ELEVATION: 1040 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
JAFFREY, NH	JAFFREY AIRPORT-SILVER RANCH	RNAV	RNAV (GPS)-C, ORIG	ANE

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZBW ARTCC BGR FSS	N W S	OTHER: ASOS	SOURCE: KAFN / KEEN
	F A A		DISTANCE: 0 / 13.07
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: BACKUP
X V H F X U H F H F	LOCATION: KAFN		ADJUSTMENT: 0 / 0

4. MONITOR STATUS	PRIMARY NAVAID:		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS	
		(S) SALS	
		MALS	
		HIRL	
		MIRL	
		REIL	
		TDZ	
		C/LINE	
	X	OTHER (SPECIFY) LIRL 16, 34	
6. RUNWAY MARKINGS	BASIC BSC-G 16, 34		
	ALL WEATHER		
	INSTRUMENT		
7. RUNWAY VISUAL RANGE	APPROACH		
	MIDFIELD		
	ROLL OUT		
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:	
	DISTANCE FROM RWY:	ELEV GP ANTENNA:	
		THRESHOLD CROSSING HEIGHT:	
9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD	FT. FROM THRESHOLD
		ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: BRIAN M. SHAFFER	DATE: 02/08/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL IS CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BLOCK 3: ALTIMETER SETTING
SOURCE: KAFN/KEEN
DISTANCE: ON AIRPORT/13.07
KAFN AND KEEN ON SERVICE A.

RASS PRESSURE PATTERNS SAME
KAFN 1039.5, KEEN 488
RA = 108.

FPT REQUESTED CIRCLING ONLY DUE TO VISUAL BASIC RWY MARKINGS.

DESIGN PER FPT & ATC REQUEST.

100' TREE HEIGHT USED PER FPO.

CIRCLING ONLY APPROACH NOT MEETING SI ALIGNMENT CRITERIA.

20:1 & 34:1 VISUAL SURFACE PENETRATIONS ASSUMED DUE TO NO SURVEY.

FINAL COURSE ALIGNED WITH THE MIDPOINT OF RWY 16-34.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEBANON VOR/DME **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 434043.88N/0721257.87W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LEBANON	LEB	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	LEB	VOR/DME	066.39	246.39	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	434406.00N/0720824.00W	2517	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	TAKEOFF MINIMUMS			K5B9	HAVERHILL	NH (US)
DP	WHITE RIVER			KLEB	LEBANON	NH (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	V141					(US)
EN ROUTE	V151					(US)
EN ROUTE	V496					(US)
EN ROUTE	V72					(US)
IAP	NDB-A			KCNH	CLAREMONT	NH (US)
IAP	RNAV (GPS) RWY 12			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 17			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)
IAP	ILS OR LOC RWY 8			KLCI	LACONIA	NH (US)
IAP	ILS OR LOC RWY 18			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 18			KLEB	LEBANON	NH (US)
IAP	VOR RWY 25		1	KLEB	LEBANON	NH (US)
IAP	VOR/DME RWY 7		1	KLEB	LEBANON	NH (US)
IAP	LOC/NDB RWY 10			KHIE	WHITEFIELD	NH (US)
IAP	RNAV (GPS) RWY 35			KMPV	BARRE/MONTPELIER	VT (US)
IAP	VOR RWY 35			KMPV	BARRE/MONTPELIER	VT (US)
IAP	VOR/DME RWY 19			KMPV	BARRE/MONTPELIER	VT (US)
IAP	LOC Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	LOC Z RWY 19			KRUT	RUTLAND	VT (US)
IAP	VOR/DME RWY 1			KRUT	RUTLAND	VT (US)
IAP	VOR/DME RWY 19			KRUT	RUTLAND	VT (US)
IAP	LOC/DME RWY 5			KVSF	SPRINGFIELD	VT (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
CHANGED FAC COORDINATES DUE TO 3RD PARTY SURVEY (FAC COORDINATES MOVED 2.43 FEET).
DELETED HOLD PAT 2.
DELETED HOLD PAT REMARK: NO CHANGE TO PUBLISHED HOLDING ALTITUDES.
DELETED HOLD PAT 2 REMARK FROM: PATTERN 2 CONTROLLING OBSTACLE LIES 6124.72' INTO SECONDARY. PRIMARY EQUIVALENT ELEVATION IS 2667.
CHANGED HOLD PAT 1 OBSTACLE FROM 200' AAO TO AAO.
ADDED DP TO REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 03/20/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

QUALITY 4 CHECKED

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZBW
ATC FACILITY: LEB
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: NOMBE **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 430002.84N/0714400.41W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: OGIPE **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 430247.60N/0721044.34W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PETAE **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 430126.00N/0715722.08W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE		WP	022.97	202.97	R		4	3600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	430121.00N/0720157.00W	2231	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-C		1	KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: QOSNU **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 425430.81N/0715851.23W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE		WP	022.95	202.95	L		4	3400	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	425151.00N/0715248.00W	2359	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST/TERRAIN

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - B		1	KAFN	JAFFREY	NH (US)
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RIGLE **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 424903.17N/0720001.35W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/06/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SCROB **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 424132.36N/0720137.52W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GARDNER	GDM	VOR/DME	L	022.91	008.91	8.89		54009	3000	6000
2	KEENE	EEN	VORTAC	L	131.50	117.50		13.20		3000	6000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	GDM	VORTAC	022.91	022.91	L	1		3000	6000	4	5
2	SW		WP	022.91	022.91	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	424508.00N/0720109.00W	1637	2C
2	200	AAO	424508.00N/0720109.00W	1637	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST/TERRAIN
PAT 2 ATC REQUEST/TERRAIN

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
8260.19D, LNAV/VNAV PFAF FORMULA 2-16B USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - B			KAFN	JAFFREY	NH (US)
IAP	RNAV (GPS) - C		2	KAFN	JAFFREY	NH (US)
IAP	VOR-A	1, 2	1	KAFN	JAFFREY	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED WP TO FIX MAKEUP.
MOVED FIX 1.11 NM SOUTH.
CHANGED FAC 1 DME FROM 10.00 TO 8.89 NM, MRA FROM 10000 TO 6000, AND ADDED DISTANCE FROM FAC DATA.
CHANGED FAC 2 RADIAL FROM 126.81M/112.81T TO 131.5M/117.5T, ADDED DISTANCE FROM FAC DATA, AND LOWERED MRA FROM 10000 TO 6000.
CHANGED HOLD PAT 1 TURNS FROM RIGHT TO LEFT, MAX ALTITUDE FROM 8000 TO 6000, AND MAX TEMPLATE FROM 3 TO 5.
CHANGED HOLD PAT 1 CONTROLLING OBSTRUCTION.
ADDED HOLD PAT 2 DATA.
ADDED FACS USED TO ESTABLISH FIX COORDINATES IN REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/30/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY:
OTHER: AFN AIRPORT MANAGER

QUALITY CHECKED 4

INFO ONLY

Publishing 4/5/12

RADIO FIX AND HOLDING DATA RECORD

NAME: CONCORD VORTAC **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 431311.23N/0713431.63W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CONCORD	CON	VORTAC	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	CON	VORTAC	329.75	149.75	R	1		4000	10000	4	9
2	NW	CON	VORTAC	298.54	118.54	R	1		3500	14000	4	10
3	NW		WP	330.75	150.75	R		5	5000	10000	6	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	431903.00N/0714236.00W	1080	4E
2	200	AAO	431333.00N/0714803.00W	1257	4E
2	310	AAO	432253.00N/0715127.20W	3140	6A
3	200	AAO	431427.00N/0714724.00W	1132	4E
3	310	AAO	432253.00N/0715127.20W	3140	6A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	VOR-A	KCON	CONCORD	NH (US)
3	RNAV (GPS) RWY 24	KMHT	MANCHESTER	NH (US)

REMARKS:
HOLD PAT 2 310 KNOT AIRSPEED: OBSTACLE IS 11,138.85 FEET INTO THE SECONDARY AREA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CASCO			KPWM	PORTLAND	ME (US)
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	WHITE RIVER			KLEB	LEBANON	NH (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
DP	TAKE-OFF MINIMUMS			KDAW	ROCHESTER	NH (US)
EN ROUTE	V141		1			(US)
EN ROUTE	V322					(US)
EN ROUTE	V39					(US)
EN ROUTE	V93					(US)
IAP	ILS OR LOC RWY 11			KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (CAT II)			KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (CAT III)			KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (SA CAT I)			KPWM	PORTLAND	ME (US)
IAP	ILS OR LOC RWY 7			KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 25			KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 7			KSFM	SANFORD	ME (US)
IAP	GPS RWY 29			KCNH	CLAREMONT	NH (US)
IAP	NDB-A			KCNH	CLAREMONT	NH (US)
IAP	ILS OR LOC RWY 35			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 12			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 17			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 35			KCON	CONCORD	NH (US)
IAP	VOR-A		2	KCON	CONCORD	NH (US)
IAP	RNAV (GPS) - C			KAFN	JAFFREY	NH (US)
IAP	ILS OR LOC RWY 8			KLCI	LACONIA	NH (US)
IAP	NDB RWY 8			KLCI	LACONIA	NH (US)
IAP	RNAV (GPS) RWY 26			KLCI	LACONIA	NH (US)
IAP	RNAV (GPS) RWY 25			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 36			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 7			KLEB	LEBANON	NH (US)
IAP	ILS OR LOC RWY 35			KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 6			KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC/DME RWY 17			KMHT	MANCHESTER	NH (US)
IAP	ILS RWY 35 (CAT II)			KMHT	MANCHESTER	NH (US)
IAP	ILS RWY 35 (CAT III)			KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) RWY 24		3	KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) RWY 6			KMHT	MANCHESTER	NH (US)

QUALITY CHECKED 4

IAP	RNAV (GPS) Y RWY 17		KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) Z RWY 17		KMHT	MANCHESTER	NH (US)
IAP	VOR RWY 35		KMHT	MANCHESTER	NH (US)
IAP	VOR/DME RWY 17		KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 16		KPSM	PORTSMOUTH	NH (US)
IAP	ILS OR LOC RWY 34		KPSM	PORTSMOUTH	NH (US)
IAP	NDB RWY 33		KDAW	ROCHESTER	NH (US)
IAP	VOR/DME-A	2	KDAW	ROCHESTER	NH (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
1. UPDATED FAC 1 FROM HISTORY TO ACTIVE NAVAID.

DEVELOPED BY: **DATE:** 08/11/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (DAVID SAUER)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZBW
ATC FACILITY: BOS APP CON, PWM APP CON
OTHER:

QUALITY 4 CHECKED