Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 10/14/2010	Task #: 2008062316889801002	Request #: 20080623168898
Procedure: RNAV (GPS)-B ORIG		Airport ID: KAFN	Airport: JAFFREY AIRPORT-SILVER RANCH		Reimbursable #:
City: JAFFREY	ST: NH	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID:	Fac. Type: LNAV	Specialist: BRIAN SHAFFER			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/23/2012	03/22/2012	DONALD SMITH	P3
QA:	03/22/2012	03/27/2012	STEVEN SZUKALA	
Liaison:	03/27/2012		Alfonso	

Procedure Comments: ENROUTE **Remark Type:** INFORMATION PKS/.F3

JAFFREY, NH JAFFREY AIRPORT-SILVER RANCH (KAFN) RNAV (GPS)-B, ORIG ENROUTE-YES FC: 5.29.12 PUB: 7.26.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): BUDAC, ORIG; GARDNER (GDM) VDME, REV 18; QOSNU, ORIG; SCROB-INT, REV 3; UCAKE-INT, ORIG.

CONTACT: DON SMITH, AJV-352 LEAD, 405 954.1036:

JAFFREY, NEW HAMPSHIRE

AL-5335 (FAA)

PRE-FIG

RNAV (GPS)-B

JAFFREY AIRPORT-SILVER RANCH (AFN)

APP CRS	Rwy Idg	N/A
023°	TDZE	N/A
	Apt Elev	1040

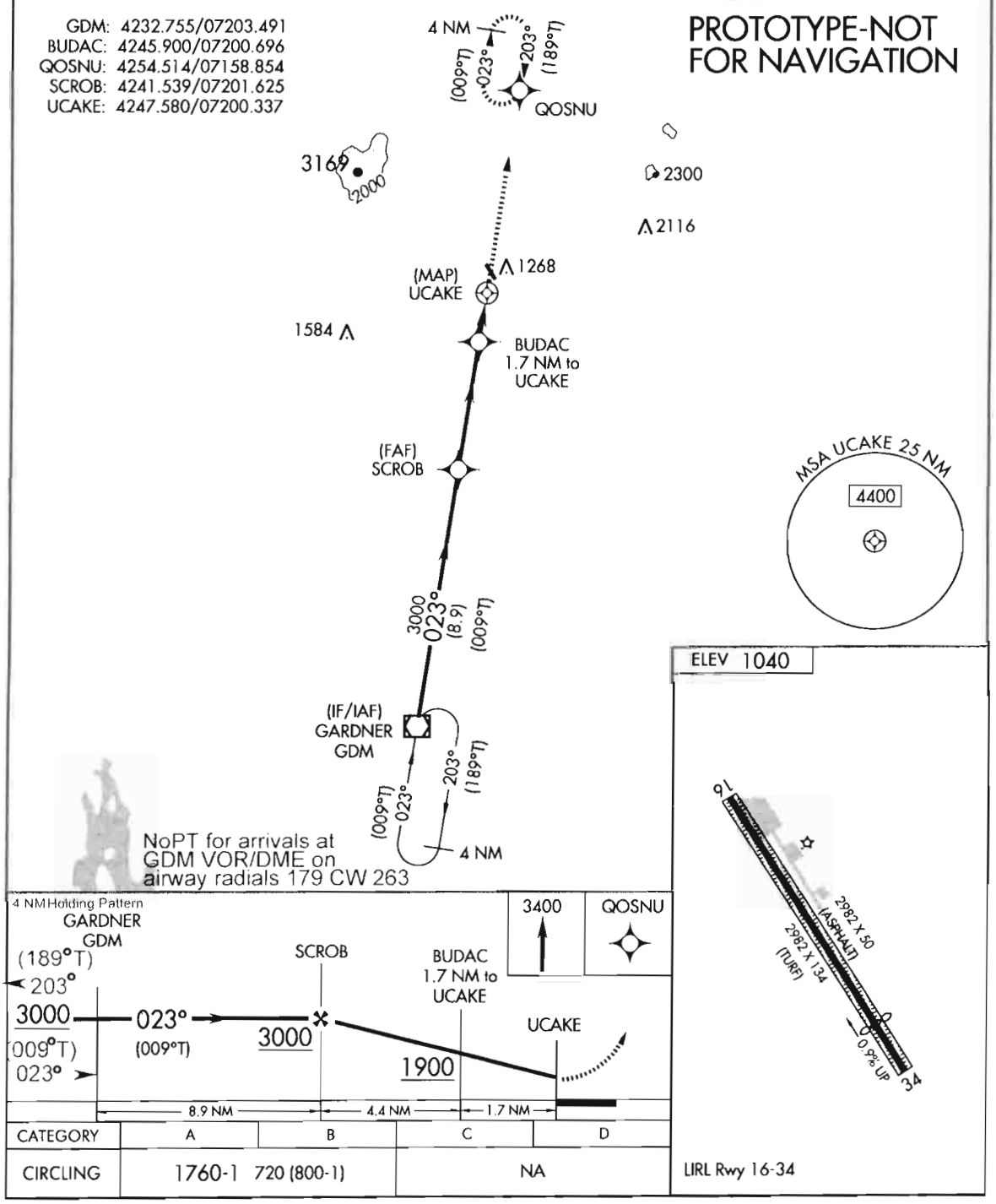
When local altimeter setting not received, use Keene altimeter setting and increase all MDAs 120 feet and all Cats visibility ¼ mile. DME/DME RNP-0.3 NA. Procedure NA at night. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3400 direct QOSNU and hold.

ASOS	BOSTON CENTER	UNICOM
135.875	123.75 338.2	122.8 (CTAF)

GDM: 4232.755/07203.491
BUDAC: 4245.900/07200.696
QOSNU: 4254.514/07158.854
SCROB: 4241.539/07201.625
UCAKE: 4247.580/07200.337

PROTOTYPE-NOT FOR NAVIGATION



CATEGORY	A	B	C	D
CIRCLING	1760-1 720 (800-1)		NA	

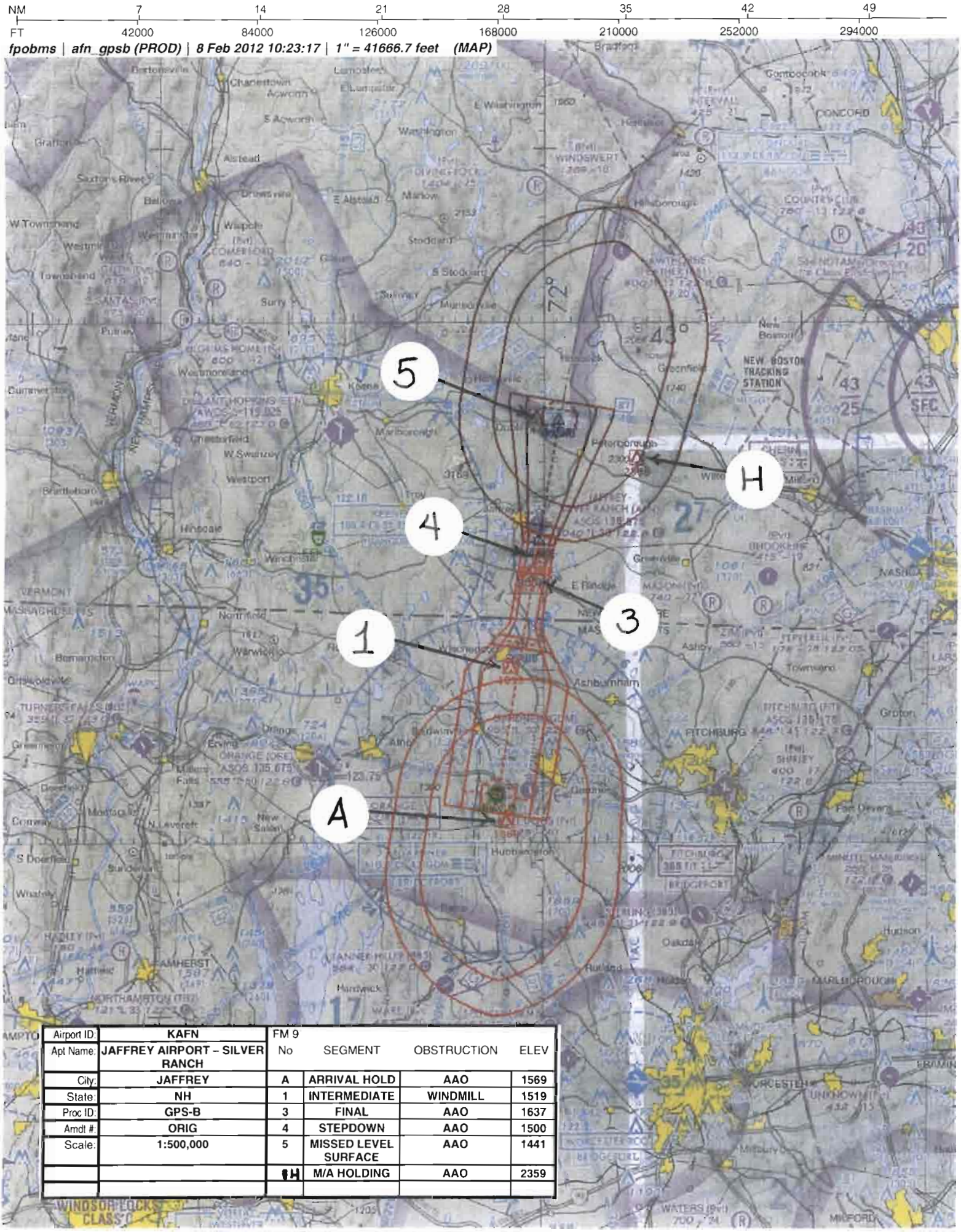
LIRL Rwy 16-34

JAFFREY, NEW HAMPSHIRE
Orig PRE-FIG

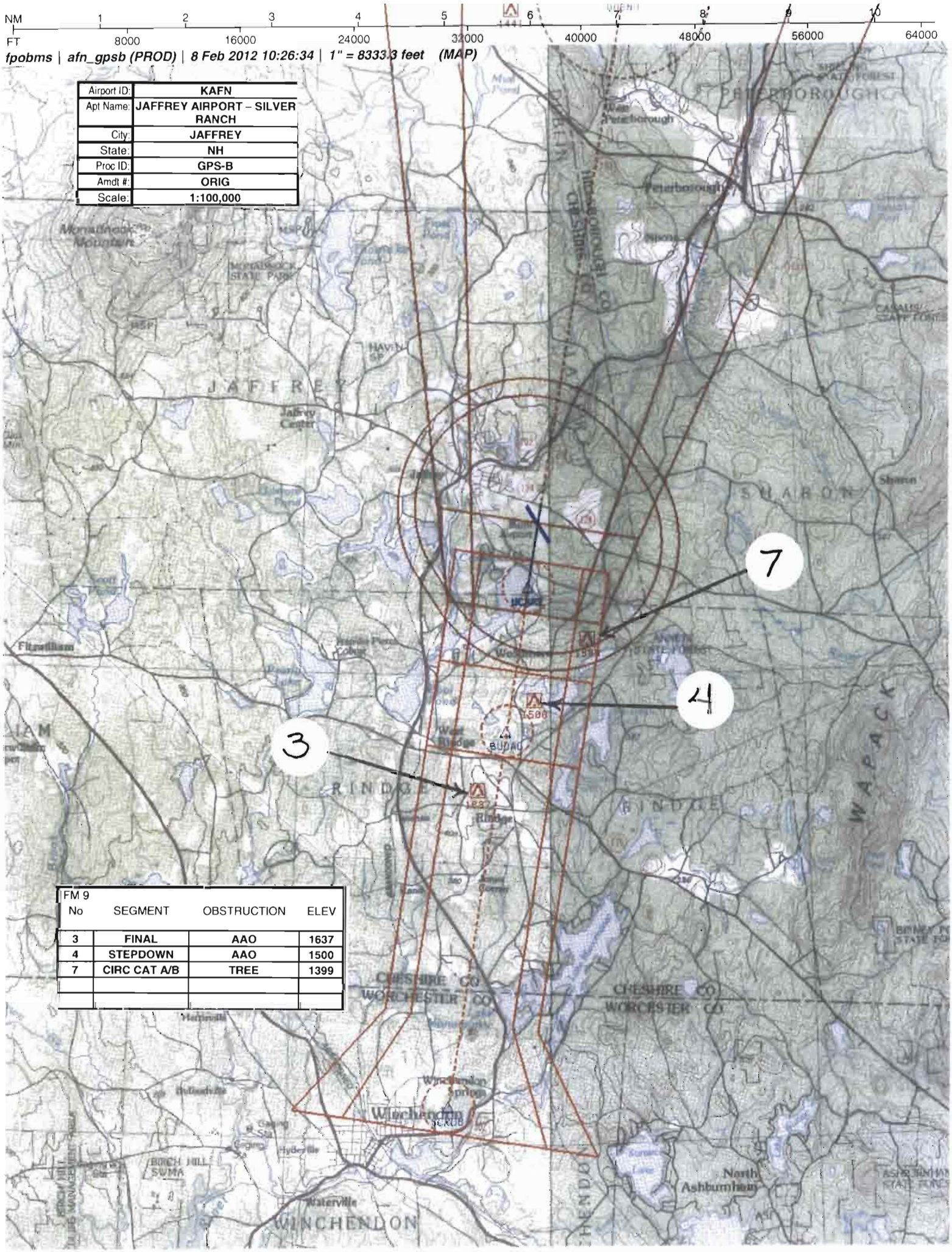
42°48'N-72°00'W

JAFFREY AIRPORT-SILVER RANCH (AFN)

RNAV (GPS)-B



Airport ID:	KAFN	FM 9 No	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	JAFFREY AIRPORT – SILVER RANCH				
City:	JAFFREY	A	ARRIVAL HOLD	AAO	1569
State:	NH	1	INTERMEDIATE	WINDMILL	1519
Proc ID:	GPS-B	3	FINAL	AAO	1637
Amdt #:	ORIG	4	STEPDOWN	AAO	1500
Scale:	1:500,000	5	MISSED LEVEL SURFACE	AAO	1441
		H	M/A HOLDING	AAO	2359


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpobms | afn_gpsb (PROD) | 8 Feb 2012 10:26:34 | 1" = 8333.3 feet (MAP)
Airport ID: KAFN
Apt Name: JAFFREY AIRPORT – SILVER RANCH
City: JAFFREY
State: NH
Proc ID: GPS-B
Amdt #: ORIG
Scale: 1:100,000
7
4
3
FM 9
No SEGMENT OBSTRUCTION ELEV
3 FINAL AAO 1637
4 STEPDOWN AAO 1500
7 CIRC CAT A/B TREE 1399
JAFFREY
RINDGE
SHARON
PETERBOROUGH
WINCHENDON
CHESHIRE CO
WORCESTER CO
WAPACK

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
GDM VOR/DME (IF/IAF)	SCROB (FB)	022.91 / 8.89	3000
SCROB (FAF)	BUDAC/1.70 NM TO UCAKE (FB)	022.93 / 4.41	1900
BUDAC/1.70 NM TO UCAKE	UCAKE (MAP) (FO)	022.94 / 1.70	
UCAKE (MAP)	1440 MSL	022.94	
1440 MSL	QOSNU (FO)		3400

MISSED APPROACH

LNAV: UCAKE

CLIMB TO 3400 DIRECT QOSNU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 202.95 INBOUND.
FAS OBST: 1500 AAO 424610N/0720015W
FAC CROSSES MID POINT OF RWY 16-34.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW GDM VOR/DME, RT, 022.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 022.93 FAF: SCROB DIST FAF TO MAP: 6.11 THLD: ____
4. MIN. ALT: GDM VOR/DME 3000, SCROB 3000, BUDAC/1.70 NM TO UCAKE 1900 *
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: UCAKE 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	1760	1	720	1760	1	720		NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEENE ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET AND ALL CATS VISIBILITY 1/4 MILE.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1040 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
JAFFREY, NH	JAFFREY AIRPORT-SILVER RANCH	RNAV	RNAV (GPS)-B, 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:	FIFO	DATE:
BRIAN M. SHAFFER	**AJV-352**	**02/03/2012**

APPROVED BY		
NAME:	FIFO	DATE:
DARRYEL ADAMS MANAGER	**AJV-352**	

CHANGES:

REASONS:

FPT REQUEST

PDF EDITS

8260-3:
ADDED "FAF" FOLLOWING SCROB FIX IN TERMINAL ROUTES FROM SECTION.
ADDED "022.94" COURSE TO UCAKE TO 1440 MSL SEGMENT IN TERMINAL ROUTES COURSE AND DISTANCE BLOCK.
ADDED * AT END OF LINE ON PROFILE VIEW LINE 4.
DELETED 1440 AND REPLACED WITH 3400 IN TERMINAL ROUTES 1440 MSL TO QOSNU SEGMENT IN ALTITUDE COLUMN.
REMOVED "NA" FROM PROFILE VIEW LINE 1.
8260-10:
ADDED * IN FRONT OF NOTE: 2020 WHEN USING KEENE ALTIMETER SETTING.
8260-10 ARINC:
DELETED "020" FROM MISSED APPROACH HOLD IN SEGMENTS SECTION.
SEE 8260-10

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
* 2020 WHEN USING KEENE ALTIMETER SETTING.
CHART PLANVIEW NOTE: NOPT FOR ARRIVALS AT GDM VOR/DME ON AIRWAY RADIALS 179 CW 263.

QUALITY 4 CHECKED

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

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

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:

REASONS CONT.
8260-10 FLIGHT INSPECTION SUMMARY:
DELETED RNP "2.0" FROM MISSED APPROCH QOSNU 060 SEQUENCE.

QUALITY 4 CHECKED

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)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GDM   K6011060VDL  N42324532W072032948    N42324532W072032948W0140011881     NARGARDNER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUDAC K60    W     N42455401W072004175                    W0147     NAR          BUDAC
        SUSAEAENRT   QOSNU K60    W     N42543081W071585123                    W0148     NAR          QOSNU
        SUSAEAENRT   SCROB K60    C     N42413236W072013752                    W0147     NAR          SCROB
        SUSAEAENRT   UCAKE K60    C     N42473480W072002023                    W0147     NAR          UCAKE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6AAFN     0     029YHN42481848W072001088W014001040        1800018000C    MNAR    JAFFREY AIRPORT-SILVER RANCH

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6FRNV-B AGDM   010GDM  K6D 0VE AR   HF                  02290040    + 03000     18000                B JC
        SUSAP KAFNK6FRNV-B R      010GDM  K6D 0V  I    IF                              + 03000     18000                B JC
        SUSAP KAFNK6FRNV-B R      020SCROBK6EA0E  F 051TF                  02290089    + 03000                  UCAKE K6EAB JC
        SUSAP KAFNK6FRNV-B R      021BUDACK6EA0E S  031TF                  02290044    + 01900                          B JC
        SUSAP KAFNK6FRNV-B R      030UCAKEK6EA0EY M 031TF                  02290017      01760            000           B JC
        SUSAP KAFNK6FRNV-B R      040          0  M     CA                 0229        + 01440                          B JC
        SUSAP KAFNK6FRNV-B R      050QOSNUK6EA0EY       DF                              + 03400                          B JC
        SUSAP KAFNK6FRNV-B R      060QOSNUK6EA0EE  L    HM                 20300040    + 03400                          B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAFNK6SUCAKEK6EA              0   18018004425                                                                    M
```

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)-B, ORIG**	AMDT: **NONE**
				DATED:

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

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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GDM	GDM	010	IAF	HF	R	FO		022.9(008.9T)	004.0	AA 03000	
		GDM	010	FACF	IF		FB				AA 03000	
		SCROB	020	FAF	TF		FB	0.5	022.9(008.9T)	008.9	AA 03000	
		BUDAC	021	SDF	TF		FB	0.3	022.9(008.9T)	004.4	AA 01900	
		UCAKE	030	MAP	TF		FO	0.3	022.9(008.9T)	001.7	AT 01760	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		022.9(008.9T)		AA 01440	
	QOSNU	050		DF		FO				AA 03400	
	QOSNU	060		HM	L	FO		203.0(189.0T)	004.0	AA 03400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GDM	N423245.32	W0720329.48	N4232.755	W07203.491
	BUDAC	N424554.01	W0720041.75	N4245.900	W07200.696
	QOSNU	N425430.81	W0715851.23	N4254.514	W07158.854
	SCROB	N424132.36	W0720137.52	N4241.539	W07201.625
	UCAKE	N424734.80	W0720020.23	N4247.580	W07200.337

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)-B, ORIG**	AMDT: **NONE**
				DATED:

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

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.
INTERMEDIATE: LNAV	GDM VOR/DME	SCROB	1. AAO	423948.00N/0720230.00W	1519 (4E)	500	AC125 AT856	3000
	(IF/IAF)		2. TERRAIN	423948.00N/0720230.00W	1319 (1300)		AS1000	2300
FINAL: LNAV	SCROB	BUDAC/1.70 NM TO	3. AAO	424508.00N/0720109.00W	1637 (2C)	250	XL6	1900
		UCAKE						
FINAL: LNAV STEPDOWN	BUDAC/1.70 NM TO	UCAKE	4. AAO	424610.13N/0720015.33W	1500 (2C)	250		1760
	UCAKE							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	UCAKE	QOSNU				ASC		3400
			5. AAO	425414.50N/0720037.32W	1441 (2C)	1000		2500
ELEV:	1660		6. TERRAIN	425414.50N/0720037.32W	1241 (1200)	1500		2700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	720	7. AAO	424653.07N/0715925.44W	1399 (2C)	300	SI	1760
CATEGORY B	1.5 NM	450	720	7. AAO	424653.07N/0715925.44W	1399 (2C)	300	SI	1760
CATEGORY C	1.7 NM	450							
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

QUALITY CHECKED

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: UCAKE

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	327/ 06.1	3369 (6C)	4400					

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

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
BGR FSS **ZBW ARTCC**	[ ] N W S OTHER: **ASOS** [ ] F A A [ ] A / C	SOURCE: **KAFN / KEEN** DISTANCE: **0 / 13.07** HOURS REMOTE OPERATION: **BACKUP**
SATISFACTORY ON: [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	
	HRS OPTN: 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: **02/03/2012**
TITLE: **AERONAUTICAL INFORMATION SPECIALIST**	OFFICE: **AJV-352**

PART C - REMARKS:

VDP NOT ESTABLISHED - CIRCLING PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

SEE ATTACHED AIRSPACE LETTER.

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 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BUDAC **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 424554.01N/0720041.75W **TYPE:** WP

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

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/02/2012 **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: GARDNER VOR/DME **STATE:** MA **COUNTRY:** US

LATITUDE/LONGITUDE: 423245.32N/0720329.48W **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	GARDNER	GDM	VOR/DME	L							17500

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	E	GDM	VOR/DME	111.96	291.96	R	1		3500	8000	4	8
2	NW	GDM	VOR/DME	298.00	118.00	L	1-1 1/2		4000	17500	4	16
3	W	GDM	VOR/DME	276.81	096.81	R	1		3000	6000	4	5
4	NW	GDM	VOR/DME	293.78	113.78	L	1-1 1/2		7000	29000	8	22
5	NW		WP	295.37	115.37	L		10	13000	18000	15	17
6	SW		WP	202.91	022.91	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	422933.00N/0715324.00W	2093	4E
2	200	AAO	423333.00N/0720909.00W	1595	4E
3	200	AAO	423333.00N/0720909.00W	1595	4E
3	310	AAO	422921.00N/0715312.00W	2215	4E
4	230	AAO	423333.00N/0720909.00W	1595	4E
5	265	AAO	422921.00N/0715312.00W	2215	4E
6	200	AAO	423057.00N/0720248.00W	1569	4E

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST
PAT 4 ATC REQUEST
PAT 5 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	VOR-A	KGDM	GARDNER	MA (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.
PAT 5-ATC REQUESTED 10NM LEG LENGTH.
CHART PAT 2 ENROUTE LOW.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRADLEY			KBDL	WINDSOR LOCKS	CT (US)
DP	TAKEOFF MINIMUMS			KORE	ORANGE	MA (US)
DP	TAKEOFF MINIMUMS			KAFN	JAFFREY	NH (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
EN ROUTE	V106					(US)
EN ROUTE	V14		2			(US)
EN ROUTE	V151					(US)
EN ROUTE	V2		2			(US)
EN ROUTE	V229					(US)
EN ROUTE	V39					(US)
EN ROUTE	V431					(US)
EN ROUTE	ZBW		2, 4			MA (US)
IAP	ILS OR LOC RWY 29			KBED	BEDFORD	MA (US)
IAP	NDB RWY 29			KBED	BEDFORD	MA (US)
IAP	ILS OR LOC RWY 27			KBOS	BOSTON	MA (US)
IAP	ILS OR LOC/DME RWY 15R			KBOS	BOSTON	MA (US)
IAP	RNAV (GPS) RWY 15R			KBOS	BOSTON	MA (US)
IAP	VOR/DME RWY 15R			KBOS	BOSTON	MA (US)
IAP	NDB RWY 20			KFIT	FITCHBURG	MA (US)
IAP	NDB-A			KFIT	FITCHBURG	MA (US)
IAP	RNAV (GPS) RWY 14			KFIT	FITCHBURG	MA (US)
IAP	RNAV (GPS) RWY 20			KFIT	FITCHBURG	MA (US)
IAP	VOR-A		3	KGDM	GARDNER	MA (US)
IAP	VOR OR GPS-A			K0B5	MONTAGUE	MA (US)
IAP	LOC RWY 35			KOWD	NORWOOD	MA (US)
IAP	NDB RWY 1		1	KORE	ORANGE	MA (US)
IAP	NDB RWY 32		1	KORE	ORANGE	MA (US)

QUALITY 4 CHECKED

IAP	VOR-A		KORE	ORANGE	MA (US)
IAP	VOR/DME-B		K3B0	SOUTHBRIDGE	MA (US)
IAP	RNAV (GPS) RWY 21		K6B6	STOW	MA (US)
IAP	VOR/DME RWY 21		K6B6	STOW	MA (US)
IAP	ILS OR LOC RWY 20		KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	ILS OR LOC RWY 11		KORH	WORCESTER	MA (US)
IAP	ILS OR LOC RWY 29		KORH	WORCESTER	MA (US)
IAP	RNAV (GPS) RWY 33		KORH	WORCESTER	MA (US)
IAP	VOR/DME RWY 33		KORH	WORCESTER	MA (US)
IAP	RNAV (GPS)- B	6	KAFN	JAFFREY	NH (US)
IAP	VOR-A		KAFN	JAFFREY	NH (US)
IAP	ILS OR LOC RWY 2		KEEN	KEENE	NH (US)
IAP	RNAV (GPS) RWY 2		KEEN	KEENE	NH (US)
IAP	VOR RWY 2		KEEN	KEENE	NH (US)
IAP	ILS OR LOC RWY 6		KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 6		KMHT	MANCHESTER	NH (US)
STAR	GRAYM		KBED	BEDFORD	MA (US)
STAR	GRAYM		KBVY	BEVERLY	MA (US)
STAR	GARDNER	4	KBOS	BOSTON	MA (US)
STAR	QUABN (RNAV)	5	KBOS	BOSTON	MA (US)
STAR	GRAYM		KFIT	FITCHBURG	MA (US)
STAR	GRAYM		KLWM	LAWRENCE	MA (US)
STAR	POPPP		KMHT	MANCHESTER	NH (US)
STAR	PONEE		KISP	NEW YORK	NY (US)
STAR	PONEE		KFOK	WESTHAMPTON BEACH	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FAC LOCATION DUE TO 3RD PARTY SURVEY (FAC MOVED 10.13 FT).
CHANGED HOLD PAT 1 CONTROLLING OBSTACLE FROM 2143 AAO TO 2094 AAO.
ADDED HOLDING PAT 6.

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

APPROVED BY: **DATE:** **OFFICE:** AJV-361 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY 1 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: 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 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UCAKE **STATE:** NH **COUNTRY:** US

LATITUDE/LONGITUDE: 424734.80N/0720020.23W **TYPE:** WP, DME

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

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	15.00	15.00		1680	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) - B			KAFN	JAFFREY	NH (US)
IAP	VOR A	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:** 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

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **JAFFREY** STATE: **NH**

AIRPORT NAME: **JAFFREY AIRPORT - SILVER RANCH** ID: **KAFN**

PROCEDURE: **RNAV (GPS) - B** AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **ARP** to 1000' point **4.85**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **008.93**
4. High Terrain in **FINAL** segment containing 1000' point **1437**
5. Distance from **ARP** to 1500' point **6.65**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.96**
7. True Course of **FINAL** segment containing 1500' point **008.93**
8. High Terrain in **FINAL** segment containing 1500' point **1437**
9. Threshold Coordinates (if straight-in) ... _____ / _____
10. ARP Coordinates ..... **424818.48N** / **0720010.88W**
11. Runway Approach End and distance furthest from ARP ..... RWY **16**
    Distance **0.25** NM
12. FAF Coordinates ..... **424132.36N** / **0720137.52W**

REMARKS: Approach/Drawing attached.