Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/06/2012	Task #: 2012051026453702002	Request #: 20120510264537
Procedure: RNAV (GPS) RWY 33 AMDT 2		Airport ID: KRME	Airport: GRIFFISS INTL		Reimbursable #:
City: ROME	ST: NY	GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID:	Fac. Type: LPV-200 HAT		Specialist: DAN POWELL		

LPV

Procedure Review

P3

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/10/2012	08/22/2012	MARLON ROBINSON	
QA:	08/22/2012	09/04/2012	STEVEN SZUKALA	
Liaison:	09/04/2012		Spurlin	

Procedure Comments:

Remark Type: INFORMATION

pkg 1 of 2

ROME, NY GRIFFISS INTL (KRME) RNAV (GPS) RWY 33, AMDT 2 (LPV) ENROUTE-NO FC: 11.27.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): BOLTZ-INT, REV 3; JERDA-INT, REV 2; MARCY-INT, REV 3; TURYN, REV 3; UTICA (UCA) VTAC, REV 9; VASTS-INT, REV 5.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

- NEW -

ROME, NEW YORK | AL-9515 (FAA) | FIG

WAAS	APP CRS	Rwy Idg	11820
CH 42906	327°	THRE	498
W33A		Apt Elev	504

RNAV (GPS) RWY 33

ROME/GRIFFISS INTL (RME)

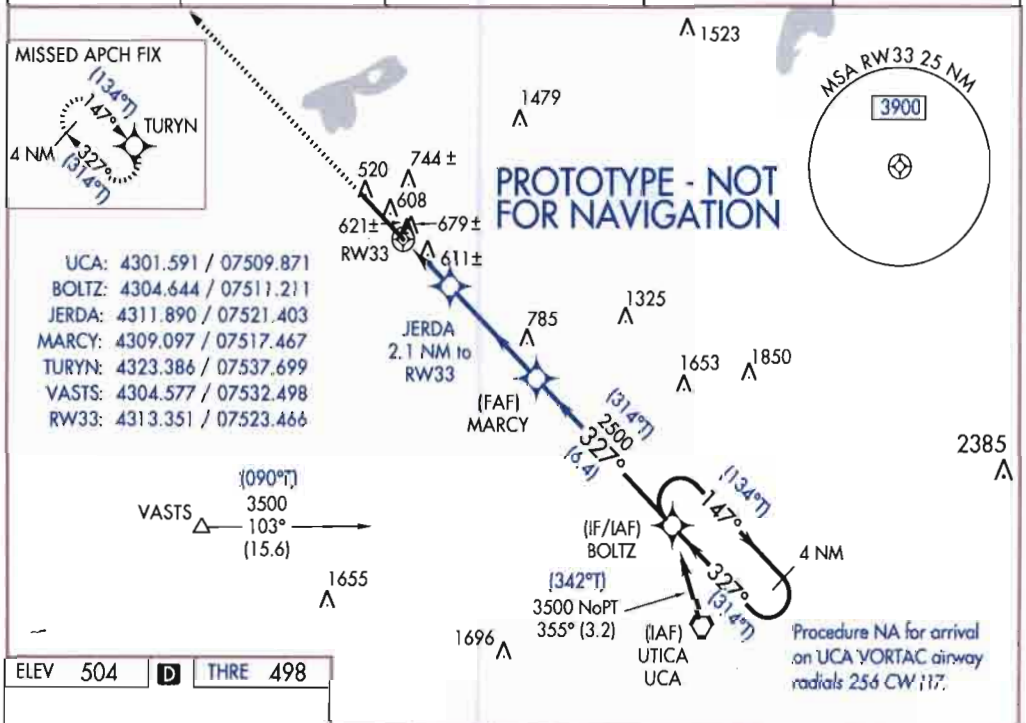
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C (9°F) or above 54°C (130°F). Circling NA west of Rwy 15-33. DME/DME RNP-0.3 NA.

A WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE ALTIMETER SETTING AND INCREASE ALL DA 85 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE; INCREASE LNAV CATS C/D VISIBILITY 1/4 MILE; INCREASE CIRCLING CATS C/D VISIBILITY 1/2 MILE. FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILE AND INCREASE LNAV CATS C/D VISIBILITY TO 1 5/8 MILE. FOR INOPERATIVE MALSR WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY TO 1 7/8 MILE. BARO-VNAV AND VDP NA WHEN USING SYRACUSE ALTIMETER SETTING. PROCEDURE NA FOR ARRIVAL ON UCA VORTAC AIRWAY RADIALS 256 CW 117.

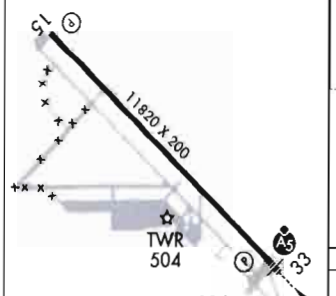
MALSR

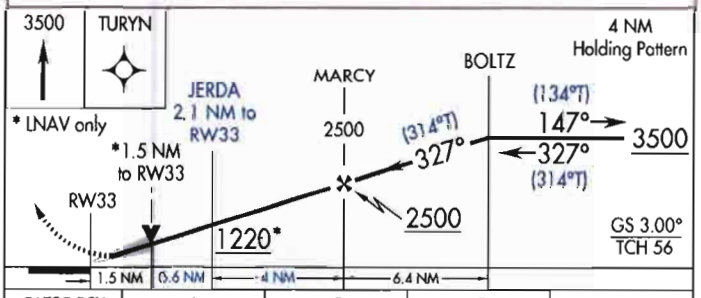
MISSED APPROACH: Climb to 3500 direct TURYN and hold.

ATIS	SYRACUSE APP CON	GRIFFISS TOWER *	GND CON	UNICOM
118.7	127.425 290.45	118.1 (CTAF) L 291.7	121.9	122.95



ELEV 504 | D | THRE 498





CATEGORY	A	B	C	D
LPV DA	698-½ 200 (200-½)			
LNAV/VNAV DA	966-1¼ 468 (500-1¼)			
LNAV MDA	1040-½ 542 (600-½)		1040-1⅛ 542 (600-1⅛)	
CIRCLING	1140-1 636 (700-1)	1200-1 696 (700-1)	1220-2 716 (800-2)	1300-2½ 796 (800-2½)

REIL Rwy 15 L
HIRL Rwy 15-33 L

ROME, NEW YORK
Amdt 2 FIG

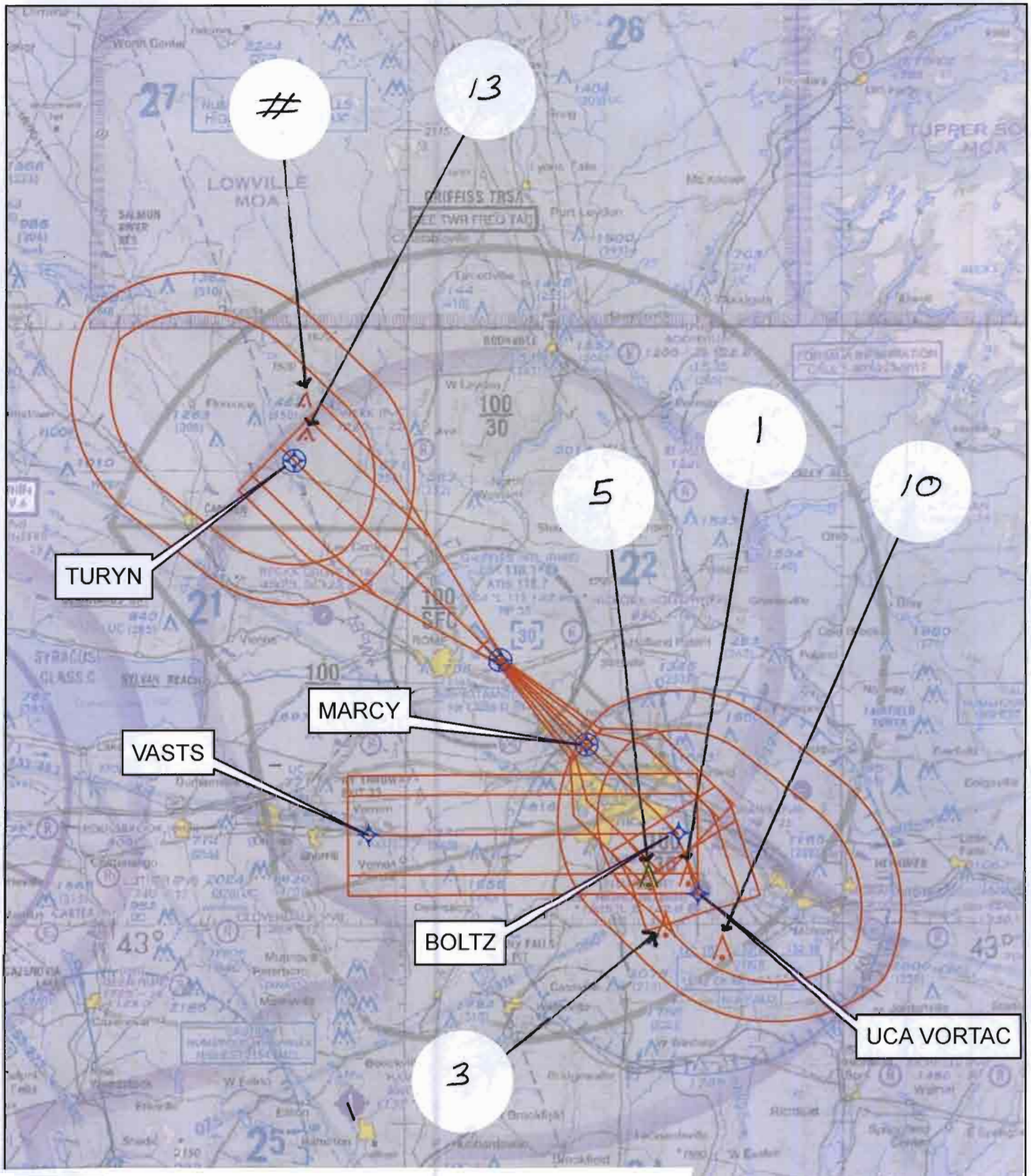
43°14'N-75°24'W

ROME/GRIFFISS INTL (RME)

RNAV (GPS) RWY 33

AUTOMATED AL-9515 RNAV (GPS) RWY 33

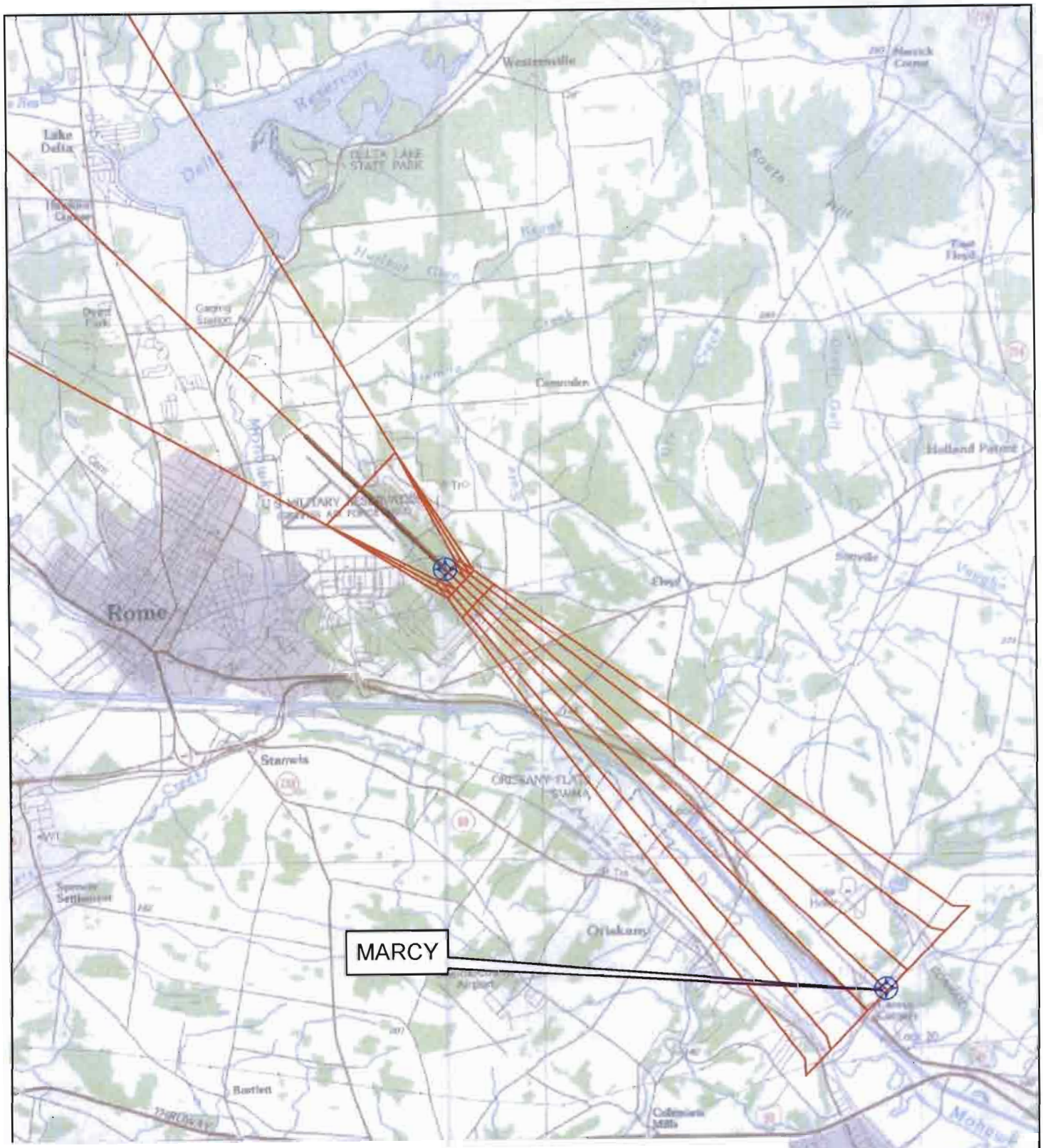
NE-2
8/16/12
COMPILER: RM
REVIEWER:
DBL CHKR:
EFF: FIG
UID#: 23896



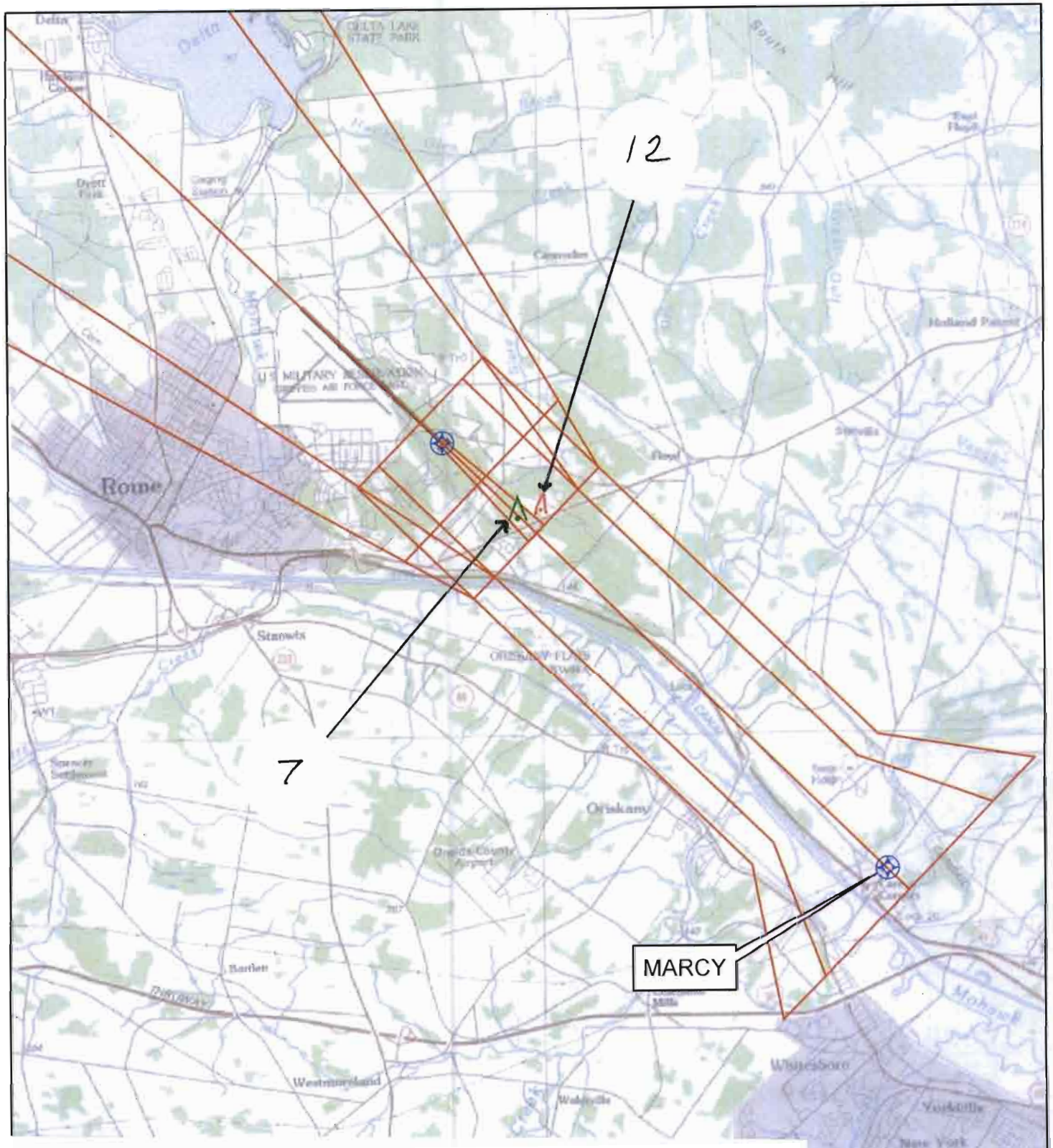
Airport ID	KRME
Apt Name	ROME/GRIFFISS INTL
City	ROME
State	NY
Scale	1:500,000
Proc ID	RNAV (GPS) RWY 33
Amdt #	2
LPV	

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
1	FEEDER (VASTS)	AAO	1598
3	INITIAL (UCA VORTAC)	AAO	1752
10	HOLD-IN-LIEU	AAO	1939
	FINAL: LPV	ASC	
13	MISSED APPROACH	AAO	1638
#	HOLDING	AAO	1752

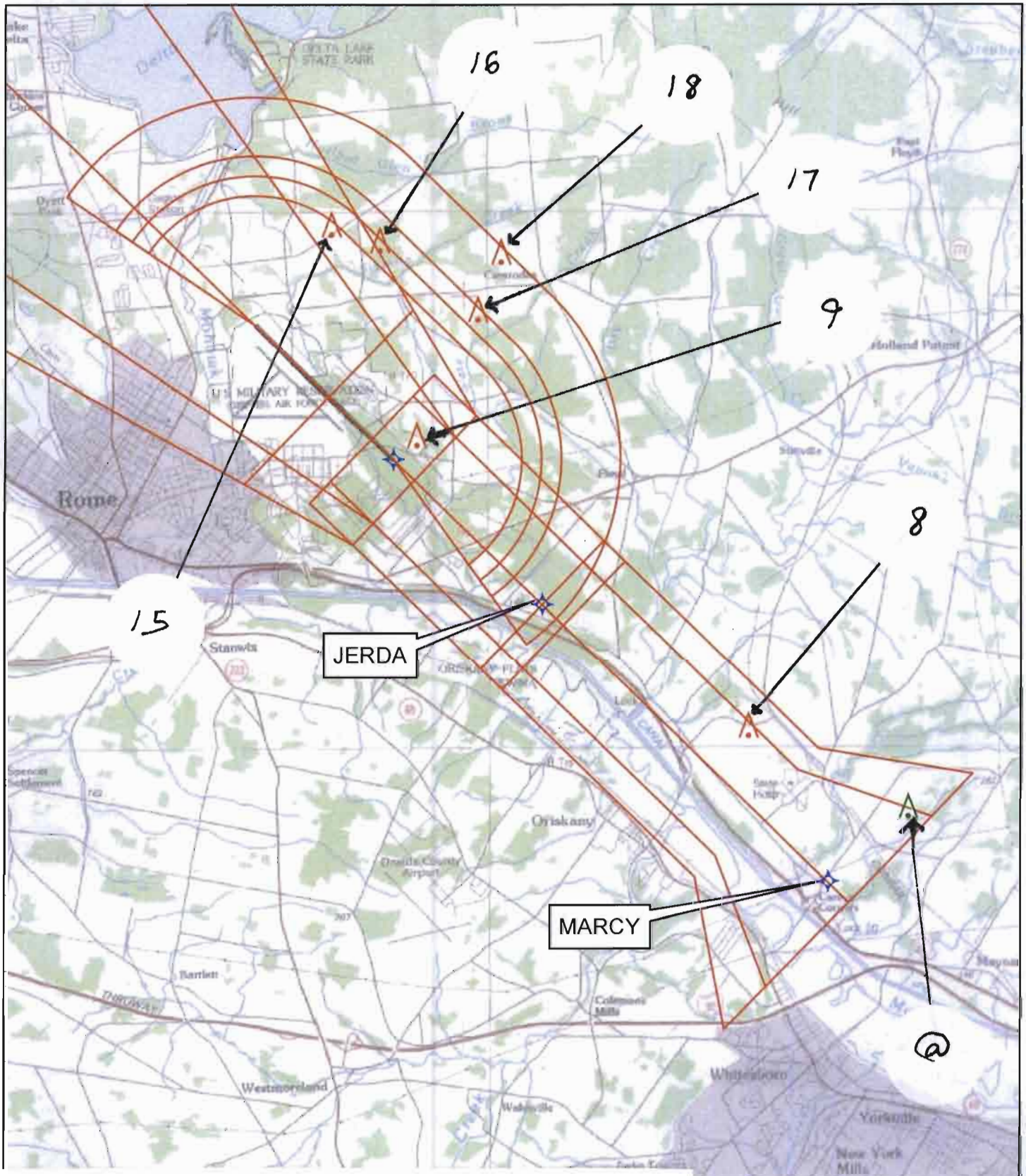


Airport ID	KRME	FM 9			
Apt Name:	ROME/GRIFFISS INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ROME		**FINAL: LPV**	**ASC**	
State:	NY				
Scale:	1:100,000				
Proc ID:	RNAV (GPS) RWY 33				
Amdt #:	2				
LPV					



Airport ID	KRME
Apt Name:	ROME/GRIFFISS INTL
City:	ROME
State:	NY
Scale:	1:100,000
Proc ID:	RNAV (GPS) RWY 33
Amdt #:	2
LNAV/VNAV	

FM 9 No	SEGMENT	OBSTRUCTION	ELEV
7	FINAL: LNAV/VNAV	TREE (36-023980)	611
12	MISSED (PENETRATION)	TREE	639



Airport ID	KRME
Apt Name:	ROME/GRIFFISS INTL
City:	ROME
State:	NY
Scale:	1:100,000
Proc ID:	RNAV (GPS) RWY 33
Amdt #:	2
LNAV	

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
@	FINAL: LNAV 7:1	AAO	880
8	FINAL: LNAV	AAO	840
9	FINAL: LNAV STEPDOWN	TREE	679
15	CIRCLING: CAT A	TREE	839
16	CIRCLING: CAT B	TREE	899
17	CIRCLING: CAT C	TREE	909
18	CIRCLING: CAT D	TREE	999

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
VASTS	BOLTZ (FO)	102.63 / 15.60	3500
UCA VORTAC (IAF)	BOLTZ (NOPT) (FB)	355.17 / 3.21	3500
BOLTZ (IF/IAF)	MARCY (FB)	327.21 / 6.39	2500
MARCY (FAF)	JERDA/2.10 NM TO RW33 (FB)	327.14 / 4.01	
JERDA/2.10 NM TO RW33	RW33 (MAP) (FO)	327.09 / 2.10	
RW33 (MAP)	698 MSL	327.09	
698 MSL	TURYN (FO)		3500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

CLIMB TO 3500 DIRECT TURYN AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE BOLTZ, RT, 327.21 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 327.14 FAF: MARCY DIST FAF TO MAP: 6.11 THLD: 6.11
4. MIN. ALT: BOLTZ 3500, MARCY 2500, JERDA/2.10 NM TO RW33 1220*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: MARCY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.8 34:1 IS CLEAR
8. MSA FROM: RW33 3900

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 146.91 INBOUND.
CHART FAS OBST: 611 TREE 431242N/0752228W
CHART FAS OBST: 679 TREE 431336N/0752308W
880 AAO 430945N/0751603W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.52 MILES TO RW33*
*LNAV ONLY.
WAAS CHANNEL # 42906
REFERENCE PATH ID: W33A
LTP HAE: 119.4 M

MAG VAR: 13W EPOCH YEAR: 2010

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	698	1/2	200	698	1/2	200	698	1/2	200	698	1/2	200			
LNAV/VNAV DA	966	1 1/4	468	966	1 1/4	468	966	1 1/4	468	966	1 1/4	468			
LNAV MDA	1040	1/2	542	1040	1/2	542	1040	1 1/8	542	1040	1 1/8	542			
CIRCLING	1140	1	636	1200	1	696	1220	2	716	1300	2 1/2	796			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA WEST OF RWY 15-33.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT D 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 504 THRE: 498 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ROME, NY	GRIFFISS INTL	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED 06/03/2010

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] **ZBW, SYR APP CON, RME ATCT, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DAN POWELL	**AJV-352**	**08/07/2012**

APPROVED BY

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

CHANGES:

1. BOLTZ TO MARCY DISTANCE CHANGED FROM 6.49 TO 6.39.
2. JERDA SDF MOVED FROM 3 NM TO THLD TO 2.1 NM TO THLD; CROSSING ALTITUDE CHANGED FROM 1500 TO 1220.
3. VDP CHANGED FROM 1.53 MILES TO RW33 TO 1.52 MILES TO RW33.
4. LNAV/VNAV DA/HAT ALL CATS CHANGED FROM 1011/513 TO 966/468 (HATH).
5. LNAV CAT C VISIBILITY CHANGED FROM 1 TO 1 1/4.
6. CIRCLING MDA/HAA CAT A CHANGED FROM 1120/616 TO 1140/636; CAT B FROM 1160/656 TO 1200/696.
7. MSA ALTITUDE RAISED FROM 3800 TO 3900.
8. UNCOMPENSATED BARO-VNAV NOTE MIN/MAX TEMPS CHANGED FROM -16C (4F) / 48C (118F) TO -23C (-9F) / 54C (130F).
9. UPDATED SECONDARY ALTIMETER SETTING ADJUSTMENT NOTE.
10. UPDATED INOP MALSR NOTE.
11. UPDATED PROCEDURE NA FOR ARRIVAL AT UCA NOTE FROM VIA V145 SOUTHEAST BOUND TO AIRWAY RADIALS 256 CW 117.

REASONS:

1. BOLTZ MOVED TO NEW PFAF LOCATION IAW 8260.54A FORMULA 2-16B.
2. FIX LOCATION TO COINCIDE WITH ILS OR LOC RWY 33 PROCEDURE / UTILIZE OPTIMUM DG.
3. NEW CALCULATION (IPDS).
4. NEW CONTROLLING OBSTACLE / APPLIED LOW TEMP LIMITATION FOR OCS IAW 8260.54A 4.3.1.
5. IAW 8260.3B, CHG 20, CH 3.
6, 7. NEW CONTROLLING OBSTACLE.
8. MIN TEMPS CALCULATED USING AVG 3 YR TEMP HISTORY; MAX TEMPS CALCULATED WITH AFS-400 CALCULATOR.
9. IAW 8260.19E, 8-55F(5).
10. IAW 8260.19E, 8-54(M)(H)3.
11. MAXIMUM TURNS 90 DEGREES AND MINIMUM SEGMENT LENGTHS.

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE ALTIMETER SETTING AND INCREASE ALL DA 85 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE; INCREASE LNAV CATS C/D VISIBILITY 1/4 MILE; INCREASE CIRCLING CATS C/D VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILE AND INCREASE LNAV CATS C/D VISIBILITY TO 1 5/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY TO 1 7/8 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SYRACUSE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UCA VORTAC AIRWAY RADIALS 256 CW 117.

CITY AND STATE	ELEVATION: 504 THRE: 498	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ROME, NY	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
	GRIFFISS INTL			DATED: 06/03/2010

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:

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRME
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	431321.0845N
LTP/FTP LONGITUDE	0752327.9410W
LTP/FTP ELLIPSOIDAL HEIGHT	+01194
FPAP LATITUDE	431442.2700N
FPAP LONGITUDE	0752522.6700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.8
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)	35.0
CRC REMAINDER	DE9CC925

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01518
FPAP ORTHOMETRIC HEIGHT	+01518

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        UCA   K6011120VTL  N43013545W075095228    N43013545W075095228W0120014201     NARUTICA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOLTZ K60    C     N43043866W075111267                      W0131     NAR           BOLTZ
        SUSAEAENRT   JERDA K60    C     N43115341W075212417                      W0130     NAR           JERDA
        SUSAEAENRT   MARCY K60    C     N43090582W075172801                      W0131     NAR           MARCY
        SUSAEAENRT   TURYN K60    W     N43232317W075374195                      W0129     NAR           TURYN
        SUSAEAENRT   VASTS K60    C   L N43043462W075322989                      W0129     NAR           VASTS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRMEK6ARME     0     118YHN43140170W075242530W013000504         1800018000C    MNAR    GRIFFISS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRMEK6FR33   AUCA   010UCA  K6D 0V  A    IF                                                18000                A JS
        SUSAP KRMEK6FR33   AUCA   020BOLTZK6EA0EE B 010TF                     35520032    + 03500                            A JS
        SUSAP KRMEK6FR33   AVASTS 010VASTSK6EA0E       IF                                                18000                A JS
        SUSAP KRMEK6FR33   AVASTS 020BOLTZK6EA0EY   020TF                     10260156    + 03500                            A JS
        SUSAP KRMEK6FR33   AVASTS 030BOLTZK6EA0EE AR   HF                     32720040    + 03500                            A JS
        SUSAP KRMEK6FR33   R      010BOLTZK6EA0E  I    IF                                 + 03500     18000                  A JS
        SUSAP KRMEK6FR33   R      020MARCYK6EA1E  F 051TF                     32720064    + 02500                  RW33  K6PGA JS
        SUSAP KRMEK6FR33   R      020MARCYK6EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KRMEK6FR33   R      021JERDAK6EA0E S  031TF                     32710040    V 0122001222        -300           A JS
        SUSAP KRMEK6FR33   R      030RW33 K6PG0GY M 031TF                     32710021      00554             -300           A JS
        SUSAP KRMEK6FR33   R      040         0  M     CA                     3271        + 00698                            A JS
        SUSAP KRMEK6FR33   R      050TURYNK6EA0EY      DF                                 + 03500                            A JS
        SUSAP KRMEK6FR33   R      060TURYNK6EA0EE  R   HM                     14690040    + 03500                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRMEK6GRW33    0118203271 N43132108W075232794+0000    +0119400498000056200I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 504 THRE: 498	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ROME, NY	AIRPORT NAME: GRIFFISS INTL	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED: 06/03/2010

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:

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 KRMEK6PR33   RW33 001 0000W33A0N4313210845W07523279410+011940300N4314422700W07525226700106750000000558F400350DE9CC925
SUSAP KRMEK6PR33   RW33 002E      +01518+01518LPV      42906

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRMEK6SRW33 K6PG              0   18018003925                                                                  M
```

CITY AND STATE	ELEVATION: 504 THRE: 498	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ROME, NY	AIRPORT NAME: GRIFFISS INTL	RNAV	RNAV (GPS) RWY 33, AMDT 2	AMDT: 1
				DATED: 06/03/2010

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**

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
	UCA	UCA	010	IAF	IF		FB					
	UCA	BOLTZ	020		TF		FB	1.0	355.2(342.2T)	003.2	AA 03500	
	VASTS	VASTS	010		IF		FB					
	VASTS	BOLTZ	020		TF		FO	2.0	102.6(089.6T)	015.6	AA 03500	
	VASTS	BOLTZ	030	IAF	HF	R	FO		327.2(314.2T)	004.0	AA 03500	
		BOLTZ	010	FACF	IF		FB				AA 03500	
		MARCY	020	FAF	TF		FB	0.5	327.2(314.2T)	006.4	AA 02500	
		JERDA	021	SDF	TF		FB	0.3	327.1(314.1T)	004.0	AA 01220 GS 01222	
		RW33	030	MAP	TF		FO	0.3	327.1(314.1T)	002.1	AT 00554	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		327.1(314.1T)		AA 00698	
	TURYN	050		DF		FO				AA 03500	
	TURYN	060		HM	R	FO		146.9(133.9T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	UCA	N430135.45	W0750952.28	N4301.591	W07509.871
	BOLTZ	N430438.66	W0751112.67	N4304.644	W07511.211
	JERDA	N431153.41	W0752124.17	N4311.890	W07521.403
	MARCY	N430905.82	W0751728.01	N4309.097	W07517.467
	TURYN	N432323.17	W0753741.95	N4323.386	W07537.699
	VASTS	N430434.62	W0753229.89	N4304.577	W07532.498
	RW33	N431321.08	W0752327.94	N4313.351	W07523.466

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00498	56

CITY AND STATE	ELEVATION: **504** THRE: **498**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ROME, NY	AIRPORT NAME: **GRIFFISS INTL**	**RNAV**	**RNAV (GPS) RWY 33, AMDT 2**	AMDT: **1**
				DATED: **06/03/2010**

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.
FEEDER	VASTS	BOLTZ	1. AAO	430242.00N/0751027.00W	1598 (4E)	1000	AT902	3500
			2. TERRAIN	430242.00N/0751027.00W	1398 (1400)		AS1500	2900
INITIAL	UCA VORTAC	BOLTZ	3. AAO	430003.00N/0751200.00W	1752 (4E)	1000	AT748	3500
			4. TERRAIN	430003.00N/0751200.00W	1552 (1600)		AS1500	3100
INTERMEDIATE	BOLTZ (IF/IAF)	MARCY	5. AAO	430233.00N/0751315.00W	1493 (4E)	500	AC73 SA-25 AT459	2500
			6. TERRAIN	430236.00N/0751312.00W	1263 (1300)		AS1000	2300
FINAL: LPV	MARCY	RW33				ASC		698/200
FINAL: LNAV/VNAV	MARCY	RW33	7. TREE (36-023980)	431242.23N/0752227.55W	611 (1A)	24.23:1	MA83	966/468
FINAL: LNAV	MARCY	JERDA/2.10 NM TO RW33	8. AAO	431040.90N/0751833.02W	840 (2C)	250	RA85 XL6 DG39	1220
FINAL: LNAV STEPDOWN	JERDA/2.10 NM TO RW33	RW33	9. TREE	431336.31N/0752307.84W	679 (2C)	250	XP111	1040
2. HOLD-IN-LIEU-OF-PT	BOLTZ	P-5	10. AAO	425854.00N/0750809.00W	1939 (4E)	1000	AT561	3500
			11. TERRAIN	425854.00N/0750809.00W	1739 (1700)		AS1500	3200
3. MISSED APPROACH MAP:	DA / DA / RW33	TURYN	12. TREE	431250.04N/0752208.71W	639 (2C)	ASC	AC20	3500
			13. AAO	432530.00N/0753645.00W	1638 (4E)	1000		2700
ELEV:	530/805/940		14. TERRAIN	432530.00N/0753645.00W	1438 (1400)		AS1500	2900
15. TREE	431543.72N/0752418.87W	839 (2C)	300		1140			
16. TREE	431533.95N/0752338.76W	899 (2C)	300		1200			
17. TREE	431452.76N/0752217.51W	909 (2C)	300		1220			
18. TREE	431527.00N/0752158.00W	999 (2C)	300		1300			

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	636
CATEGORY B	1.5 NM	450	696
CATEGORY C	1.7 NM	450	716
CATEGORY D	2.3 NM	550	796
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: **RW33**

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	070/ 28.6	2822 (4E)	3900					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ROME, NY	ELEVATION: 504 AIRPORT NAME: GRIFFISS INTL	RNAV	RNAV (GPS) RWY 33, AMDT 2	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SYR APP CON RME TOWER ZBW ARTCC	N W S / F A A / A / C — OTHER: ASOS	SOURCE: KRME / KSYR DISTANCE: 0 / 31.57 HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:		
X V H F X U H F H F	LOCATION: KRME	ADJUSTMENT: 0 / 85

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
X	MALSR 33
X	HIRL 33 (PCL), 15 (PCL)
	MIRL
X	REIL 15
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 33, 15

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 33, 15
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 497.9
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.8

9. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DAN POWELL	DATE: 08/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 880 AAO 430945N/0751603W

KRME ASOS ON SERVICE A.
KSYR ASOS ON SERVICE A.

VGSI DATA: 3.00/55.8

RASS PRESSURE PATTERNS SAME
KRME 503.6, KSYR 421.0
RA = 84.2.
SEE ATTACHED AIRSPACE LETTER.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 24.233:1
ACT: -23C
AHT: 33C
ARPT ISA: 14C
ISA DEV: -37C
AVERAGE COLD TEMPERATURE BASED ON 3-YEAR HISTORY (2008-2010).
HIGH TEMPERATURE LIMIT DERIVED FROM AFS-400 CALCULATOR.

TAA NOT DEVELOPED PER ATC REQUEST.

CIRCLING WEST OF RWY 15/33 NA FOR NOISE ABATEMENT.

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPO.

USED 1000 FEET AIRSPACE IN INTERMEDIATE SEGMENT.

CONTROLLING OBSTRUCTIONS AND TERRAIN SAME FOR ALL INTERMEDIATE SEGMENTS.

AAO WITH 4E AC USED DTED VALUES WHICH WERE DERIVED FROM IPDS.

OBSTACLE #5 IS 366 FEET INTO THE SECONDARY AREA.

OBSTACLE # 36-023974 (579 MSL TREE) CONFIRMED REMOVED PER FPT; ORS DELETING FROM DATABASE.

SDF JERDA UTILIZED 1220 MSL CROSSING ALTITUDE TO ACHIEVE NEAR OPTIMUM DESCENT GRADIENT.

TURBULENT AIR IN IPDS HOLDING PATTERNS NOT UTILIZED AS TURBULENT CONDITIONS ARE NOT FORECAST TO EXIST AND UNDERLYING TERRAIN IS NOT PRECIPITOUS OR RUGGED.

VISIBILITY VALUES WERE DERIVED FROM IPDS AND CONVERTED FROM RVR VALUES TO SM USING THE COMPARABLE VALUES OF RVR AND VISIBILITY TABLE; INOP MALSR VISIBILITY ADJUSTMENT NOTES EVALUATED BY COMPARING NO-LIGHT MINIMA (NALS) AND FULL LIGHT CREDIT (FALS) FROM 8260.3B, TABLES 3-5A, 3-6, 3-7.

XP: PROTECT OEAAA SURFACE AND TO MATCH CURRENT MINIMUMS.

RADIO FIX AND HOLDING DATA RECORD

NAME: BOLTZ **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 430438.66N/0751112.67W **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	ROME	I-RME	LOC		147.07	134.07	14.68	14.69		3500	4900
2	UTICA	UCA	VORTAC	L	354.17	342.17		3.21		3500	4900

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	SE		WP	147.21	327.21	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	425854.00N/0750809.00W	1939	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ROME (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITIOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 33	1, 2		KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 15		1	KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33		1	KRME	ROME	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
FAC 1 TRUE BRG CHANGED FROM 135.07 TO 134.07.
FAC 1/2 MRA CHANGED FROM 3000 TO 3500.
FAC 2 MAA CHANGED FROM 17500 TO 4900.
HOLD PAT 1 CONTROLLING OBSTACLE CHANGED FROM 1899 MSL AAO TO 1939 MSL AAO (IPDS DERIVED VALUE).

DEVELOPED BY: **DATE:** 08/01/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: SYR APP CON, RME ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JERDA **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 431153.41N/0752124.17W **TYPE:** WP, 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	ROME	I-RME	LOC/DME		147.07	134.07	4.28	4.29		1000	4900

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 33	1		KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33			KRME	ROME	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
REMOVED RADAR FROM FIX TYPE PER ATC REQUEST.
FIX MOVED 5468.59 FEET TO THE NORTHWEST; COORDINATES UPDATED.
FAC 1 DME CHANGED FROM 5.18 TO 4.28; DIST FROM FAC CHANGED FROM 5.19 TO 4.29; MRA CHANGED FROM 1400 TO 1000; MAA CHANGED FROM 4500 TO 4900.

DEVELOPED BY: **DATE:** 08/01/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: SYR APP CON, RME ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MARCY **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 430905.82N/0751728.01W **TYPE:** WP, RADAR, 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	ROME	I-RME	LOC		147.07	134.07	8.29	8.31	50469	2500	4900

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

REMARKS:
USED 8260.54A FORMULA 2-16B TO ESTABLISH PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 33	1		KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33			KRME	ROME	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
FIX MOVED 609.83 FEET TO THE SOUTHEAST; COORDINATES UPDATED.
FAC 1 DME CHANGED FROM 8.19 TO 8.29; DIST FROM FAC CHANGED FROM 8.21 NM/49779 FEET TO 8.31 NM/50469 FEET.
ADDED PFAF ESTABLISHMENT REMARK.

DEVELOPED BY: **DATE:** 08/01/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: SYR APP CON, RME ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TURYN **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 432323.17N/0753741.95W **TYPE:** WP

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

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	NW		WP	326.91	146.91	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	432715.00N/0753718.00W	1752	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITIOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15		1	KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33		1	KRME	ROME	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
HOLD PAT 1 CONTROLLING OBSTACLE CHANGED FROM 1739 MSL AAO TO 1752 MSL AAO (IPDS DERIVED VALUE).

DEVELOPED BY: **DATE:** 08/01/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: UTICA VORTAC **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 430135.45N/0750952.28W **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	UTICA	UCA	VORTAC	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	SE	UCA	VORTAC	152.00	332.00	R	1		3500	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	425709.00N/0750224.00W	1969	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V145					(US)
EN ROUTE	V196					(US)
EN ROUTE	V2					(US)
EN ROUTE	V249					(US)
EN ROUTE	V428					(US)
EN ROUTE	V490					(US)
EN ROUTE	V496					(US)
IAP	ILS OR LOC RWY 33			KFZY	FULTON	NY (US)
IAP	ILS OR LOC RWY 33		1	KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 15			KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33			KRME	ROME	NY (US)
IAP	VOR/DME RWY 15			KRME	ROME	NY (US)
IAP	VOR/DME RWY 33		1	KRME	ROME	NY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
HOLD PAT 1 CONTROLLING OBSTACLE CHANGED FROM 1919 MSL AAO TO 1969 MSL AAO.
REMOVED ESV R-331 DATA.
REMOVED DP FROM REQUIRED CHARTING.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/02/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: VASTS **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 430434.62N/0753229.89W **TYPE:** WP, INT, DME

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	UTICA	UCA	VORTAC	L	292.33	280.33	16.86	16.86		3000	17500
2	GEORGETOWN	GGT	VORTAC	L	047.00	036.00	21.33	21.33		3000	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	W	UCA	VORTAC	292.33	112.33	R	1-1 1/2		3000	17500	5	17
2	NE	GGT	VORTAC	047.00	227.00	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	430021.00N/0754218.00W	1775	4E
2	200	AAO	430139.00N/0753312.00W	1585	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
UTICA (FAC 1) USED TO ESTABLISH FIX COORDINATES
HOLDING PATTERN 1 AND 2 PER ATC REQUEST.
PRECIPITIOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V2	1, 2	1			(US)
IAP	RNAV (GPS) Z RWY 17			KVGC	HAMILTON	NY (US)
IAP	ILS OR LOC RWY 33	2	2	KRME	ROME	NY (US)
IAP	RNAV (GPS) RWY 33			KRME	ROME	NY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 12/13/2012

REASON FOR REVISION:
HOLD PAT 2 CONTROLLING OBSTACLE CHANGED FROM 1620 MSL TWR (36-001968) TO 1585 MSL AAO (DERIVED USING MIN TEMPLATE 4); LEG LENGTH CHANGED FROM 4 DME TO 1 MIN.
ADDED REMARK FAC 1 USED TO ESTABLISH FIX COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/01/2012 **OFFICE:** AJV-352 **NAME:** DAN POWELL

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

SIGNATURE:

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

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ROME** STATE: **NY**

AIRPORT NAME: **GRIFFISS INTL** ID: **KRME**

PROCEDURE: **RNAV (GPS) RWY 33** AMDT: **2**

DOCKET # :
(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 **THLD** to 1000' point **3.60**
   (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 **314.14**
4. High Terrain in **FINAL** segment containing 1000' point **680**
5. Distance from **THLD** to 1500' point **11.10**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **4.0**
7. True Course of **INTERMEDIATE** segment containing 1500' point **314.21**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1263**
9. Threshold Coordinates (if straight-in) ... **431321.08N / 0752327.94W**
10. ARP Coordinates ..... **431401.70N / 0752425.30W**
11. Runway Approach End and distance furthest from ARP.....RWY **33**
    Distance **.97** NM
12. FAF Coordinates ..... **430905.82N / 0751728.01W**
    (Click to Select)

REMARKS: Approach/Drawing attached.