

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> GRIFFISS INTL	<u>AIRPORT ID</u> KRME	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> ROME	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 504	<u>TDZE</u> 498	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/10/2013	<u>MAG VAR</u> 13W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
VASTS		BOLTZ		TF	FO	2.00	102.63	15.60	3500
UCA VORTAC	IAF	BOLTZ	NOPT	TF	FB	1.00	355.17	3.21	3500
BOLTZ	IF/IAF	MARCY		TF	FB	1.00	327.21	6.39	2500
MARCY	FAF	JERDA/2.10 NM TO RW33		TF	FB	0.30	327.14	4.01	
JERDA/2.10 NM TO RW33		RW33	MAP	TF	FO	0.30	327.14	2.10	
RW33	MAP	784 MSL		CA			327.14		
784 MSL		TURYN		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT TURYN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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), MAX 6000.							
3. FAC:	327.14	FAF: MARCY	DIST FAF TO MAP: 6.11	DIST FAF TO 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:	286 HAT: 0.72	GS ANT:			
6. MIN GP INCPT: 2500	GP ALT AT FAF : MARCY 2500			OM:	MM:	IM:		
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 55.8					
8. MSA FROM:	RW33 3900							

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 15-33.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SYRACUSE ALTIMETER SETTING.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY TO 7/8 SM AND LNAV/VNAV VISIBILITY TO 1-3/8 SM AND LNAV CAT A/B VISIBILITY TO 1 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE LNAV CAT A/B VISIBILITY TO 1 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE INTL ALTIMETER SETTING: INCREASE LPV DA TO 869 FEET, LNAV/VNAV DA TO 1051 FEET; INCREASE ALL MDAS 100 FEET AND VISIBILITY LNAV CAT C/D AND CIRCLING CAT B/C VISIBILITY 1/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UCA VORTAC AIRWAY RADIALS 292 CW 039.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.52 NM TO RW33*
*LNAV ONLY
WAAS CHANNEL #42906
REFERENCE PATH ID: W33A
CHART FAS OBST: 679 TREE 431336N/0752308W.
880 AAO 430945N/0751603W.
HOLD NW, RT, 146.91 INBOUND
LTP HAE: 119.4 M



MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT C 900-2 3/4, CAT D 1200-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	784	3/4	286	784	3/4	286	784	3/4	286	784	3/4	286			
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	3/4	542	1040	3/4	542	1040	1 1/8	542	1040	1 1/8	542			
CIRCLING	1140	1	636	1260	1	756	1400	2 3/4	896	1640	3	1136			

CHANGES - REASONS

1. CHART TDZE 498; DELETE THRE 498 - THRE TO TDZE PER AFS MEMO DATED 1/18/14.
2. LPV DA 784/HAT 286 ALL CATS, VISIBILITY 3/4 - LPV HAT INCREASED TO 286 - NEW FINAL AND MISSED CONTROLLING OBSTACLE: 581 MSL TREE 36-075670 AT 431305.17N/0752255.51W, AC 1A. VIS 3/4 DUE TO 34:1 PENETRATIONS: 581 TREE (36-075670) 431305.17N/0752255.51W (5.18); 573 TREE (36-082580) 431304.93N/0752258.18W (0.86); 580 TREE (36-050278) 431303.98N/0752254.50W (0.13).
3. LNAV CAT A/B VISIBILITY 3/4 - LNAV VISIBILITY INCREASES TO 3/4 SM DUE TO 34:1 PENETRATIONS.
4. CIRCLING CAT B MDA 1260/HAA 756; CAT C 1400/HAA 896; CAT D 1640/HAA 1136. VISIBILITY CAT C 2-3/4, D 3, REF VOR/DME RWY 15 AMDT 1 EXPANDED CIRCLING RADII.
5. CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - ADD HELICOPTER NOTE DUE TO 34:1 PENS.
6. ADDED CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 15-33; DELETED NOTE: CIRCLING NA WEST OF RWY 15-33 - SHOULD BE SOUTHWEST.
7. ADDED PBN REQUIREMENTS NOTE: RNP APCH; DELETED NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H PARA 4-6-10E.
8. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY TO 7/8 SM AND LNAV/VNAV VISIBILITY TO 1-3/8 SM AND LNAV CAT A/B VISIBILITY TO 1 SM - INOP CHART/DELETE NOTES VIS INCREASES PER .3C TABLES AND FORMATTING IAW .19H.
9. DELETED 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 SM - INOP CHART/DELETE NOTES VIS INCREASES PER .3C TABLES AND FORMATTING IAW .19H.
10. ADDED CHART NOTE: FOR INOPERATIVE ALS WHEN USING SYRACUSE ALTIMETER SETTING, INCREASE LNAV CAT A/B VISIBILITY TO 1 SM - INOP CHART/DELETE NOTES VIS INCREASES PER .3C TABLES AND FORMATTING IAW .19H.
11. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE INTL ALTIMETER SETTING: INCREASE LPV DA TO 869 FEET, LNAV/VNAV DA TO 1051 FEET; INCREASE ALL MDAS 100 FEET AND VISIBILITY LNAV CAT C/D AND CIRCLING CAT B/C VISIBILITY 1/4 SM; DELETED NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SYRACUSE 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 SM; INCREASE CIRCLING CATS C/D VISIBILITY 1/2 MILE - INOP CHART/DELETE NOTES VIS INCREASES PER .3C TABLES AND FORMATTING IAW .19H.
12. CHANGED ALTERNATE MINIMUMS FROM STANDARD EXCEPT CAT D 800-2 1/2 TO STANDARD EXCEPT CAT C 900-2 3/4, CAT D 1200-3 AND REMOVED THE NOTE NA WHEN LOCAL WEATHER NOT AVAILABLE - THE CELING/VIS CHANGE REF REVISED HAA'S AND THE NOTE CHANGE AS IT'S NOT REQUIRED, ALTIMETER ON WMSCR.
13. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL ON UCA VORTAC AIRWAY RADIALS 256 CW 117 TO PROCEDURE NA FOR ARRIVAL ON UCA VORTAC RADIALS 292 CW 039 - NOTE INCORRECTLY EXLUDED RADIALS 086, 103, 117 AND 256 AS THEY ARE WITHIN THE 90 DEGREE TURN AT UCA VORTAC.
14. CHANGED FAS DATA BLOCK VAL FROM 35 TO 50, LTP LATITUDE FROM 431321.0845N TO 431321.0825N, FPAP FROM 431442.2700N/0752522.6700W TO 431442.2655N/0752522.6820W AND CRC REMAINDER FROM DE9CCC925 TO 349A0788 - VAL CHANGED REF HAT INCREASE FROM 200 TO 286, LTP CHANGED REV REVISED AIRNAV DATA AND FPAP CHANGED REF LTP CHANGE. THIS CAUSED THE CRC REMAINDER TO CHANGE.
15. CHANGED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR AND ADDED 20:1 IS CLEAR - FOR 34:1 CHANGE DUE TO 34:1 PENETRATIONS AND FOR 20:1 REF REVISED CRITERIA.
16. CHANGED JERDA TO RW33 COURSE FROM 327.09 TO 327.14, FIX DID NOT MOVE BUT THIS WAS ORIGINALLY INCORRECTLY DOCUMENTED.
17. CHANGED TERMINAL ROUTE SEGMENTS "RW33 TO 698 MSL AND COURSE 327.09" AND "698 MSL TO TURYN" TO "RW33 TO 784 AND COURSE 327.14" AND "784 MSL TO TURYN" REF LPV DA INCREASE AND ORIGINALLY INCORRECTLY DOCUMENTED.
18. ADDED MAX HOLDING ALTITUDE OF 6000 AT BOLTZ - REVISED CRITERIA.
19. CHANGED DIST TO THLD FROM 200 HATH 0.45 NM TO 286 HAT 0.72 NM - CHANGED THLD TO TDZE AND INCREASED HAT REF MA OBSTACLE.
20. ADDED CIRCLING ICON REF VOR/DME RWY 15, AMDT 1 PUB 9/14/18.
21. MODIFIED FOR UNCOMPENSATED BARO-VNAV SYSTEMS NOTE BY REMOVING THE HIGH AND LOW FAHRENHEIT TEMP REF REVISED CRITERIA.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, SYR APP CON, RME ATCT, AMGR

Digitally signed by

GEORGE E DAVIS

Dec 19, 2018

Digitally signed by

VINNY WILLIS

Oct 29, 2018

Digitally signed by

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Nov 13, 2018

FLIGHT CHECKED BY

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DATE

12/13/18

DEVELOPED BY

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OFFICE

AJV-5411

DATE

05/16/2018

APPROVED BY

BEV L BORDY

OFFICE

AJV-5410

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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	431321.0825N
LTP/FTP LONGITUDE	0752327.9410W
LTP/FTP ELLIPSOIDAL HEIGHT	+01194
FPAP LATITUDE	431442.2655N
FPAP LONGITUDE	0752522.6820W
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)	50.0
CRC REMAINDER	349A0788

ADDITIONAL PATH POINT RECORD INFORMATION

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

