

**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.

<b><u>AIRPORT ID</u></b> ORE	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 32	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG-C	<b><u>CITY</u></b> ORANGE	<b><u>STATE</u></b> MA
<b><u>AIRPORT ELEVATION</u></b> 556	<b><u>TDZE</u></b> 545	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 32	<b><u>ORIGINAL/AMENDMENT</u></b> ORIG-B	<b><u>DATED</u></b> 09/09/2021
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 21 MARCH 2024	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>MAG VAR</u></b> 15W
				<b><u>EPOCH YEAR</u></b> 2005
				<b><u>CANCEL/SUSPEND</u></b>

**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>
WARIC		HUTIN		TF	FO	1.00	132.78	20.54	3300
JOHNZ	IAF	HUTIN	NOPT	TF	FB	1.00	245.67	24.06	3300
BRONC	IAF	HUTIN	NOPT	TF	FB	1.00	275.61	17.04	3300
GLYDE	IAF	HUTIN	NOPT	TF	FB	1.00	328.12	17.61	3300
SPENO	IAF	HUTIN	NOPT	TF	FB	1.00	026.75	11.51	3300
HUTIN	IF/IAF	OMASS		TF	FB	1.00	322.22	5.00	2500
OMASS	FAF	ZUGEG/2.80 NM TO RW32		TF	FB	0.30	322.16	2.34	
ZUGEG/2.80 NM TO RW32		RW32	MAP	TF	FO	0.30	322.13	2.80	
RW32	MAP	873 MSL		CA			322.13		
873 MSL		CIGPA		DF	FB	1.00			
CIGPA		WARIC		TF	FO	1.00	298.82	8.29	3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT CIGPA AND ON TRACK 298.82 TO WARIC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE HUTIN, RT, 322.22 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	322.16	FAF:	OMASS	DIST FAF TO MAP:	5.14	DIST FAF TO THLD:	5.14							
4.	MIN ALT:	HUTIN 3300, OMASS 2500, ZUGEG/2.80 NM TO RW32 1600													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		328 HAT:	0.76	GS ANT:				
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	OMASS 2500					OM:		MM:			IM:	
7.	GP ANGLE:	3.50	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	45.0							
8.	MSA FROM:	RW32 4400													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: CIRCLING RWY 1,19 NA AT NIGHT.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING KEENE ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEENE ALTIMETER SETTING AND INCREASE LPV DA TO 928 AND ALL VISIBILITIES 1/8 SM, LNAV/VNAV DA TO 1343 AND ALL VISIBILTIES 1/2 SM, AND ALL MDAS 60 FEET AND LNAV VISIBILITY CAT B 1/4 SM, AND CIRCLING VISIBILITY CAT B 1/4 SM.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ATJOHNZ ON T314 EASTBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WARIC ON T295 SOUTHWEST BOUND AND T608 NORTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPENO ON V270 WESTBOUND AND T315 SOUTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLYDE ON V270, V292 AND T460 EASTBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRONC ON V431 AND T608 EASTBOUND.

ADDITIONAL FLIGHT DATA:

1447 AAO 423155N/0721042W  
CHART R-4102 A & B  
HOLD SE, RT, 299.00 INBOUND.  
CHART FAS OBST: 986 TREE 423306N/0721342W.  
CHART VDP AT 1.74 NM TO RW32.  
WAAS CHANNEL # 87027  
REFERENCE PATH ID: W32A  
LTP HAE: 138.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD; STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	873	1	328	873	1	328		NA			NA				
LNAV/VNAV DA	1288	2	743	1288	2	743		NA			NA				
LNAV MDA	1240	1	695	1240	1	695		NA			NA				
CIRCLING	1260	1	704	1320	1	764		NA			NA				



CHANGES - REASONS

1. INCORPORATED P-NOTAMS FROM AMDT ORIG-A AND ORIG-B INTO FORM – IAW 8260.19I, 8-3-4.C(3).
2. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19I, 8-6-7.B(2).
3. PROFILE LINE 4: REMOVED “\*” FROM “ZUGEG/2.80 NM TO RW32 1600\*” - NO LONGER REQUIRED PER CURRENT CRITERIA.
4. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
5. ADDED PBN REQUIREMENTS “RNP APCH – GPS”, DELETED “CHART NOTE: DME/DME RNP-0.3 NA”- IAW 8260.19I, 8-6-8.A(5)(B)(2).
6. NOTES: REFORMATTED ALTIMETER NOTE - 8260.19I, 8-6-11.N.(1)(A)2.
7. CHANGED CHART NOTE: "CIRCLING TO RWY 1-19 NA AT NIGHT" TO "CIRCLING RWY 1,19 NA AT NIGHT" - IAW 8260.19I 8-6-11.O(2)(G)
8. ADDED CHART NOTE: "RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 VISUAL SURFACE PENETRATIONS.
9. CHANGED CHART NOTE: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - IAW 8260.19I, PARA 8-6-9. R.
10. CHANGED PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT WARIC ON V93 SOUTHWEST BOUND AND V2-14 NORTHWEST BOUND” TO “PROCEDURE NA FOR ARRIVALS AT WARIC ON T295 SOUTHWEST BOUND AND T608 NORTHWEST BOUND” – V ROUTES REPLACED WITH T ROUTES PER MON NATL PROGRAM.
11. CHANGED PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT SPENO ON V229 SOUTHWEST BOUND AND V270 WESTBOUND” TO “PROCEDURE NA FOR ARRIVALS AT SPENO ON V270 WESTBOUND AND T315 SOUTHWEST BOUND” – V229 CANCELED PER MON NATL PROGRAM.
12. CHANGED PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT GLYDE ON V270 EASTBOUND” TO “PROCEDURE NA FOR ARRIVALS AT GLYDE ON V270, V292 AND T460 EASTBOUND” – PER MON NATL PROGRAM.
13. CHANGED PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT JOHNS ON V106 EASTBOUND” TO “PROCEDURE NA FOR ARRIVALS AT JOHNS ON T314 EASTBOUND” – V ROUTES REPLACED WITH T ROUTES PER MON NATL PROGRAM.
14. CHANGED PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT BRONC ON V431 EASTBOUND” TO “PROCEDURE NA FOR ARRIVALS AT BRONC ON V431 AND T608 EASTBOUND – T ROUTE ADDED PER MON NATL PROGRAM.
15. ADDITIONAL FLIGHT DATA: ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 1.75 NM TO RW32\*” TO “CHART VDP AT 1.74 NM TO RW32” - CURRENT AIRNAV DATA INCORPORATED, LTP/FTP LAT/LONG CHANGED.
16. LOWERED LNAV/VNAV VISIBILITY CATS A/B FROM "2 1/4 SM" TO "2 SM" - 8260.3E TABLE 3-3-1 APPLIED.
17. FAS DATA: CHANGED LPT/FTP LAT/LONG FROM “423412.5115N/ 0721700.3640W” TO “423412.5125N/0721700.3625W”, FPAP LATTITUDE FROM "423506.2600N" TO "423506.2650N", CRC REMAINDER FROM “27096420” TO “42EF471D” – CURRENT AIRNAV DATA INCORPORATED.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZBW ARTCC

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by

CASIMIR L TABAKA

Jan 10, 2024

OFFICE

FPO

DATE

01/08/2024

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Dec 21, 2023

OFFICE

AJV-A432

DATE

08/25/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Dec 21, 2023

OFFICE

AJV-A432

DATE

TITLE

MANAGER

AIRPORT ID  
ORE

PROCEDURE NAME  
RNAV (GPS) RWY 32

ORIGINAL/AMENDMENT  
ORIG-C

CITY  
ORANGE

STATE  
MA

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORE
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	423412.5125N
LTP/FTP LONGITUDE	0721700.3625W
LTP/FTP ELLIPSOIDAL HEIGHT	+01381
FPAP LATITUDE	423506.2650N
FPAP LONGITUDE	0721836.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	42EF471D
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01661
FPAP ORTHOMETRIC HEIGHT	+01661

QUALITY  
34  
CHECKED