

**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 ID</u> 1B9	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MANSFIELD	<u>STATE</u> MA		
<u>AIRPORT ELEVATION</u> 123	<u>TDZE</u> 121	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 1 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
WOONS	IAF	FENIP		TF	FB	1.00	052.71	9.99	3000
WHYBE	IAF	FENIP		TF	FB	1.00	185.27	10.36	3000
HOTVU	IAF	FENIP		TF	FB	1.00	228.50	5.00	3000
FENIP	IF	STIME	PFAF	TF	FB	1.00	138.47	4.99	2000
STIME	FAF	JOMGO/1.28 NM TO RW14		TF	FB	0.30	138.53	2.89	
JOMGO/1.28 NM TO RW14		RW14	MAP	TF	FO	0.30	138.53	1.28	
RW14	MAP	700 MSL		CA			138.53		700
700 MSL		BURDY		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT BURDY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT FENIP

3. FAC:

138.53

PFAF: STIME

DIST PFAF TO MAP: 4.18

DIST PFAF TO THLD: 4.18

4. MIN ALT: FENIP 3000, STIME 2000, JOMGO/1.28 NM TO RW14 740

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

402 HAT: 0.78

GS ANT:

6. MIN GP INCPT:

2000

GP ALT AT PFAF :

STIME 2000

OM:

MM:

IM:

7. GP ANGLE:

4.10

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH: 60.0

8. MSA FROM: RW14 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE TAUNTON ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WHYBE ON V1 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART TAUNTON MUNI - KING FLD ASOS-3.
HOLD N, LT, 192.02 INBOUND.
CHART FAS OBST: 245 TREE (25-037723) 420059N/0711244W.
CHART 274 TOWER 420124N/0711308W.
492 AAO 420300N/0711542W.
WAAS CHANNEL # 90444
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 8 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	523	1 1/8	402	523	1 1/8	402		NA			NA				
LNAV MDA	540	1	419	540	1	419		NA			NA				
CIRCLING	600	1	477	640	1	517		NA			NA				

QUALITY
26
CHECKED

CHANGES - REASONS

ORIGINAL PROCEDURE

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BOS APP CON, BDR FSS, ARPT MGR*Digitally signed by***RAKE MCGRAW**

Oct 20, 2022

*Digitally signed by***RALPH DUMAR**

Aug 05, 2022

*Digitally signed by***RAKE MCGRAW**

Oct 20, 2022

FLIGHT CHECKED BY

JAMES D ARNOLD

OFFICE

FPO

DATE

09/23/2022

DEVELOPED BY

RALPH DUMAR

OFFICE

AJV-A423

DATE

05/10/2022

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

10/20/2022

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	1B9
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	420006.7055N
LTP/FTP LONGITUDE	0711201.4320W
LTP/FTP ELLIPSOIDAL HEIGHT	+00080
FPAP LATITUDE	415918.6870N
FPAP LONGITUDE	0711020.7605W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	04.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 384268A7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00368
FPAP ORTHOMETRIC HEIGHT	+00368