

**FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 COPTER RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
 TITLE 14 CFR PART 97.35**

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> COPTER RNAV (GPS) Y 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SUPERSEDED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**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WOONS		WAXAL		TF	FB	1.00	082.42	8.41	3000
WAXAL	IAF	ZODED		TF	FB	1.00	048.60	3.00	2700
MILIS	IAF	ZODED		TF	FB	1.00	186.25	3.44	2700
ZODED	IF	HASUM		TF	FB	1.00	138.62	3.00	1500
HASUM	FAF	RW14	MAP	TF	FO	0.30	138.56	2.21	
RW14	MAP	520 MSL		CA			138.56		
520 MSL		BURDY		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LP: RW14  
 LNAV: RW14

**MISSED APPROACH INSTRUCTIONS:**

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 ZODED

3. FAC: 138.56                                FAF: HASUM                                DIST FAF TO MAP: 2.21                                DIST FAF TO THLD: 2.21

4. MIN ALT: ZODED 2700, HASUM 1500

5. DIST TO THLD FROM OM:            MM:            IM:            150 HAT:            GS ANT:

6. MIN GP INCPT:            GP ALT AT FAF :            OM:            MM:            IM:

7. GP ANGLE:            34:1: IS NOT CLEAR            20:1: IS NOT CLEAR            TCH:

8. MSA FROM: RW14 2600

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: PROCEDURE NA AT NIGHT.  
 CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.  
 CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE; MAINTAIN 90 KIAS WHILE IN HOLDING.  
 CHART NOTE: USE TAUNTON ALTIMETER SETTING.

**ADDITIONAL FLIGHT DATA:**

CHART TAUNTON MUNI - KING FLD ASOS-3.  
 HASUM TO RW14: 5.70/40.  
 HOLD N, LT, 192.02 INBOUND.  
 CHART FAS OBST: 274 TOWER (25-024612) 420124N/0711308W, 230 TREE (25-037795) 420031N/0711250W.  
 CHART 298 TOWER 415937N/0711539W, 251 TREE 420101N/0711346W.  
 WAAS CHANNEL # 50444  
 REFERENCE PATH ID: W14B  
 CHART AT OR ABOVE 2700 AT MILIS.  
 LTP HAE: 8 M

**MINIMUMS:**

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

**ALTERNATE:** NA

<b>CATEGORY:</b>	<b>COPTER</b>															
	<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LP MDA	520	1	399		NA			NA			NA					
LNAV MDA	580	1	459		NA			NA			NA					

**CHANGES - REASONS**

ORIGINAL PROCEDURE



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZBW, BOS APP CON, BDR FSS, ARPT MGR

**FLIGHT CHECKED BY**

JAMES D ARNOLD

*Digitally signed by*

**RAKE MCGRAW**

Oct 20, 2022

**OFFICE**

FPO

**DATE**

09/23/2022

**DEVELOPED BY**

RALPH DUMAR

*Digitally signed by*

**RALPH DUMAR**

Jul 29, 2022

**OFFICE**

AJV-A423

**DATE**

05/10/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**RAKE MCGRAW**

Oct 20, 2022

**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	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14B
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)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	05.70
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	A544363C

ADDITIONAL PATH POINT RECORD INFORMATION

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

