

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> 1	<u>CITY</u> MANSFIELD	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 123	<u>TDZE</u> 121	<u>SUPERSEDED</u> COPTER RNAV (GPS) Y RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/01/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16W
				<u>EPOCH YEAR</u> 1995
				<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	480 MSL		CA			138.56		
480 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:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT ZODED
- FAC: 138.56 FAF: HASUM DIST FAF TO MAP: 2.21 DIST FAF TO THLD: 2.21
- MIN ALT: ZODED 2700, HASUM 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAS: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW14 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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: VDP NA WHEN USING OWD ALTIMETER SETTING.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOONS ON V3 AND T224 SOUTHWEST BOUND.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OWD ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MILIS ON V3 AND T224 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 192.02 INBOUND.
CHART FAS OBST: 274 TOWER (25-024612) 420124N/0711308W, 230 TREE (25-037795) 420031N/0711250W.
CHART 341 TOWER (25-076364) 420129N/0711423W.
CHART VDP AT 0.53 NM TO RW14.
WAAS CHANNEL # 50444
REFERENCE PATH ID: W14B
CHART AT OR ABOVE 2700 AT MILIS.
HASUM TO RW14: 5.70/40.
LTP HAE: 8 M

MINIMUMS:

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

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

CATEGORY:	COPTER														
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
LP MDA	480	1	359		NA			NA			NA				
LNAV MDA	540	1	419		NA			NA			NA				

CHANGES - REASONS

1. CHANGED 20:1 FROM "NOT CLEAR" TO "CLEAR" IN PROFILE LINE 7 -- AIRPORT HAS REMOVED 20:1 OBSTACLES.
2. DELETED "CHART NOTE: PROCEDURE NA AT NIGHT" -- AIRPORT HAS REMOVED 20:1 OBSTACLES.
3. DELETED "CHART NOTE: USE TAUNTON ALTIMETER SETTING" AND ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OWD ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET" -- AIRPORT HAS LOCAL ALTIMETER AND IS USING OWD AS SECONDARY ALTIMETER.
4. ADDED "CHART NOTE: VDP NA WHEN USING OWD ALTIMETER SETTING" -- FPT REQUEST TO PUBLISH ON PROCEDURE.
5. DELETED "CHART TAUNTON MUNI - KING FLD ASOS-3" IN ADDITIONAL FLIGHT DATA -- AIRPORT HAS LOCAL ALTIMETER.
6. CHANGED 7:1 OBSTACLES FROM "CHART 298 TOWER 415937N/0711539W, 251 TREE 420101N/0711346W" TO "CHART 341 TOWER (25-076364) 420129N/0711423W" -- NEW OBSTACLE EVALUATION; UPDATED IAW 8260.19J, 8-6-11.E(2).
7. ADDED "CHART VDP AT 0.53 NM TO RW14" IN ADDITIONAL FLIGHT DATA -- AIRPORT HAS REMOVED 20:1 OBSTACLES.
8. CHANGED CA LEG ALTITUDE FROM "520" TO "480" -- AIRPORT HAS LOCAL ALTIMETER; REMOVED FINAL RA ADJUSTMENT.
9. CHANGED LP MDA/HAT FROM "520/399" TO "480/359" AND LNAV MDA FROM "580/459" TO "540/319" -- AIRPORT HAS LOCAL ALTIMETER; REMOVED RA ADJUSTMENT.
10. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOONS ON V3 AND T224 SOUTHWEST BOUND" AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MILIS ON V3 AND T224 NORTHEAST BOUND" -- TURNS GREATER THAN 90 DEGREES IAW 8260.58C, 1-2-5.A(3).
11. ADDED "CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" -- 34:1 IS NOT CLEAR; IAW WITH 8260.19J, 8-6-12.K(2).
12. UNCHECKED ALTERNATE NA BOX AND ADDED "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" -- AIRPORT HAS LOCAL ALTIMETER.

4/9/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/5/24.
1. ADDED "CHART NOTE: PROCEDURE NA AT NIGHT" -- FAILED NIGHT EVALUATION.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

X

NBAA

X

OTHER:

ZBW, BOS APP CON, BDR FSS, AMGR

FLIGHT CHECKED BY

DAVIN CHRISTOPHER OBRIEN

Digitally signed by

ALLAN WILL

Apr 10, 2025

OFFICE

FIOG

DATE

03/19/2025

DEVELOPED BY

ALLAN WILL (DANIEL C JOHNSEN)

Digitally signed by

ALLAN WILL

Apr 10, 2025

OFFICE

AJV-A423

DATE

09/05/2024

APPROVED BY

ALLAN WILL

Digitally signed by

ALLAN WILL

Apr 10, 2025

OFFICE

AJV-A423

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
1B9
RW14
0
Y
0
W14B
420006.7055N
0711201.4320W
+00080
415918.6870N
0711020.7605W
00040.0
F
05.70
106.75
1840
40.0
00.0

CRC REMAINDER

A544363C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+00368
+00368



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
1B9	COPTER RNAV (GPS) Y RWY 14	1	MANSFIELD	MA	123	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM WOONS **TO** WAXAL

RNP 1.00 **DISTANCE** 8.41 **PAT** **MAP** **HAS** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (44-000006)	415943.33N/0712651.96W	792	100	20	3C	1000				AT1208	3000
TERRAIN	415942.00N/0712706.00W	551 (600)								AS1500	2100

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL

FROM WAXAL **TO** ZODED

RNP 1.00 **DISTANCE** 3.00 **PAT** **MAP** **HAS** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	420151.00N/0712221.00W	657	215	8	4B	1000				AT1043	2700
TERRAIN	420327.00N/0711903.00W	436 (400)								AS1500	1900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

QUALITY
39
CHECKED

INITIAL

FROM

MILIS

TO

ZODED

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAS</u>			<u>HMAS</u>		
1.00	3.44										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	420327.00N/0711903.00W	637	215	8	4B	1000				AT1063	2700
TERRAIN	420327.00N/0711903.00W	436 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

ZODED

TO

HASUM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAS</u>	<u>HMAS</u>			
1.00	3.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	420327.00N/0711903.00W	637	215	8	4B	500				AT363	1500
TERRAIN	420324.00N/0711721.00W	429 (400)								AS1000	1400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM

HASUM

TO

RW14

<u>RNP</u> 0.30	<u>DISTANCE</u> 2.21	<u>PAT</u>	<u>MAP</u> RW14	<u>HAS</u> 359	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (25-037795)	420030.57N/0711249.91W	230	20	3	1A	250					480

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

HASUM

TO

RW14

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAS</u>	<u>HMAS</u>			
0.30	2.21		RW14				419				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (25-024612)	420124.32N/0711307.70W	274	20	3	1A	250					540

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LP

FROM

RW14

TO

BURDY

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAS</u>	<u>HMAS</u> 420				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
AAO	415915.00N/0705736.00W	355	215	8	4B	1000					1400
TERRAIN	420051.00N/0710839.00W	183 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW14

TO

BURDY

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAS	HMAS 480			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	415915.00N/0705736.00W	355	215	8	4B	1000					1400
TERRAIN	420051.00N/0710839.00W	183 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED



MSA

CENTER

RW14

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (25-000622)	420310.71N/0714904.37W	293	27.8	1571	20	3	1A	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

BOS APP CON, BDR FSS, ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	1B9	24	1B9	0.08	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	OWD	24	OWD	11.43	Y	37

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K1B9 123, KOWD 49
RA = 36.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW22			
RW04			
RW14 - MIRL (PCL)		BSC-G	
RW32 - MIRL (PCL), PAPI-4L (PCL)		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
5.70	120.6	40.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	509
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
--------------	---------------	-----	---------

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LP AND LNAV		
34:1			
224 TREE (25-042514) 420017.48N/0711227.86W (42.56)	229 TREE (25-045696) 420022.32N/0711227.08W (41.26)		
222 TREE (25-047044) 420016.41N/0711228.51W (41.06)	222 TREE (25-037754) 420019.83N/0711226.94W (38.51)		
222 TREE (25-037755) 420019.00N/0711227.95W (37.95)	220 TREE (25-037753) 420020.72N/0711225.44W (37.89)		



<u>AIRPORT ID</u> 1B9	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) Y RWY 14	<u>AMDT NO.</u> 1	<u>CITY</u> MANSFIELD	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 123	<u>FACILITY</u> RNAV
225 TREE (25-037758) 420021.46N/0711228.12W (36.69)	222 TREE (25-037756) 420018.48N/0711229.99W (34.97)					
222 TREE (25-045695) 420020.51N/0711228.29W (34.9)	226 TREE (25-041139) 420021.83N/0711229.57W (34.38)					
224 TREE (25-045697) 420020.56N/0711229.90W (33.8)	219 TREE (25-044798) 420019.28N/0711228.59W (33.31)					
224 TREE (25-045967) 420019.31N/0711231.38W (33.04)	210 TREE (25-037789) 420015.56N/0711227.17W (32.93)					
219 TREE (25-037757) 420017.43N/0711230.99W (31.78)	198 TREE (25-041128) 420015.97N/0711221.56W (30.77)					
197 TREE (25-040151) 420018.27N/0711220.18W (28.66)	195 TREE (25-037786) 420016.78N/0711220.87W (27.76)					
192 TREE (25-037785) 420017.77N/0711218.91W (26.84)	219 TREE (25-044799) 420020.15N/0711231.68W (26.13)					
200 TREE (25-042518) 420015.50N/0711225.61W (25.94)	183 TREE (25-045737) 420017.23N/0711216.91W (22.45)					
217 TREE (25-044154) 420022.63N/0711230.57W (22.23)	222 TREE (25-041141) 420023.20N/0711233.73W (20.4)					
219 TREE (25-041140) 420022.14N/0711233.55W (19.44)	216 TREE (25-040198) 420022.22N/0711232.08W (19.06)					
213 TREE (25-037746) 420021.05N/0711231.94W (18.2)	215 TREE (25-037747) 420021.26N/0711232.85W (18.16)					
210 TREE (25-037745) 420023.28N/0711228.72W (17.65)	178 TREE (25-045969) 420016.70N/0711217.30W (17.57)					
179 TREE (25-037784) 420017.33N/0711217.61W (16.98)	181 TREE (25-050239) 420013.67N/0711221.83W (16.95)					
213 TREE (25-045698) 420023.44N/0711232.67W (13)	214 TREE (25-045656) 420022.92N/0711234.14W (12.09)					
220 TREE (25-037728) 420022.78N/0711238.40W (10.34)	220 TREE (25-045954) 420023.19N/0711239.15W (8.28)					
216 TREE (25-037775) 420022.35N/0711238.87W (6.15)	208 TREE (25-047045) 420019.73N/0711237.10W (5.66)					
206 TREE (25-043844) 420021.72N/0711234.95W (4.49)	208 TREE (25-037750) 420024.69N/0711233.56W (4.33)					
201 TREE (25-046578) 420021.07N/0711233.94W (2.43)	221 TREE (25-045646) 420025.77N/0711240.63W (2.37)					
163 TREE (25-046577) 420013.48N/0711220.97W (0.86)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VEGETATION HEIGHT 100 FEET PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 341 TOWER (25-076364) 420128.69N/0711422.82W.
ORDER 8260.3 CHAPTER 2 APPLIED TO 351 AAO 415915.00N/0711645.00W.



<u>AIRPORT ID</u> 1B9	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) Y RWY 14	<u>AMDT NO.</u> 1	<u>CITY</u> MANSFIELD	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 123	<u>FACILITY</u> RNAV
--------------------------	---	----------------------	--------------------------	--------------------	---------------------------------	-------------------------

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	1.71
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.67
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	122.56
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	3.61
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	3.44
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	122.62
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	400

THRESHOLD COORDINATES (IF STR-IN)

420006.71N/0711201.43W

ARP COORDINATES

420003.17N/0711152.95W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 32 DISTANCE 0.37 NM

FAF COORDINATES

420118.07N/0711431.22W

FIX NAME COORDINATES

IF ZODED 420255.24N/0711754.74W

REMARKS

THLD DISPLACED 509FT, ACTUAL COORDINATES: 420009.41N/0711207.12W

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ALLAN WILL (DANIEL C JOHNSEN)	AJV-A423	09/05/2024	AERONAUTICAL INFORMATION SPECIALIST

