

**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> MHT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> MANCHESTER	<u>STATE</u> NH
<u>AIRPORT ELEVATION</u> 266	<u>TDZE</u> 224	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>DATED</u> 06/17/2021	<u>MAG VAR</u> 15W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 JULY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
			<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 327/30 CW 147/30		327/10 CW 147/10		4800
2. 327/10 CW 147/10	NOPT	JAAZZ	IF/IAF	3100
3. 147/30 CW 237/30		147/4 CW 237/4		4600
4. 147/4 CW 237/4		FOSAN	IAF	3100
5. 237/30 CW 327/30		HAKAM	IAF	3100

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>
HAKAM	IAF	JAAZZ	NOPT	TF	FB	1.00	327.40	7.00	3100
FOSAN	IAF	JAAZZ	NOPT	TF	FB	1.00	147.24	7.00	3100
JAAZZ	IF/IAF	FITZY		TF	FB	1.00	057.32	5.32	1800
FITZY	FAF	RW06	MAP	TF	FO	0.30	057.37	4.80	
RW06	MAP	474 MSL		CA			057.37		
474 MSL		CUXOV		DF	FB	1.00			
CUXOV		KHRIS		TF	FO	1.00	141.63	5.31	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CUXOV AND TRACK 141.63 TO KHRIS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
20
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SW JAAZZ, RT, 057.32 INBOUND, 3100 IN LIEU OF PT (IF/IAF), MAX 6000.														
3.	FAC:	057.37	FAF:	FITZY	DIST FAF TO MAP:	4.80	DIST FAF TO THLD:	4.80							
4.	MIN ALT:	JAAZZ 3100, FITZY 1800													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.63	GS ANT:				
6.	MIN GP INCPT:	1800	GP ALT AT PFAF:	FITZY 1800					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	50.3							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH-GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 154.25 INBOUND.
FAS OBST: 571 AAO 425239N/0713030W.
CHART VDP AT 1.78 NM TO RW06.
WAAS CHANNEL # 58214
REFERENCE PATH ID: W06A
LTP HAE: 40 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4

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	474	4000	250	474	4000	250	474	4000	250	474	4000	250			
LNAV/VNAV DA	840	1 3/4	616	840	1 3/4	616	840	1 3/4	616	840	1 3/4	616			
LNAV MDA	840	5500	616	840	5500	616	840	1 3/4	616	840	1 3/4	616			
CIRCLING	900	1	634	900	1	634	940	2	674	1080	2 3/4	814			



CHANGES - REASONS

1. MOVED IF/IAF 1.49 NM NORTHEAST AND CHANGED NAME FROM HEDGI TO JAAZZ AND RAISED ALTITUDE FROM 3000 TO 3100 - TO MATCH IF LOCATION AND NAME OF UNDERLYING ILS OR LOC RWY 6.
2. MOVED IAF HAKAM 1.51 NM NORTHEAST AND IAF FOSAN 1.52 NM NORTHEAST AND RAISED BOTH ALTITUDES FROM 3000 TO 3100 - TO ALIGN WITH NEW IF/IAF JAAZZ. FIX NAMES RETAINED FOR CONTROLLER CONVENIENCE.
3. REPLACED TAA STRAIGHT-IN AREA LINES 1-5 TO HEDGI WITH AREAS 327/30 CW 010/30 TO 327/10 CW 147/10 AND 327/10 TO JAAZZ AND CHANGED OUTER ALTITUDES FROM 3500/5400 TO 4600 AND INNER ALTITUDES FROM 3000 TO 3100 - TO SIMPLIFY TAA AND ADJUSTED FOR RELOCATED IF/IAF JAAZZ. OUTER ALTITUDE: SUBTRACTED 500 FT ROC FROM MOUNTAINOUS TERRAIN EVLEVATION PER 8260.3G PARA. 14-2-1B(1). INNER ALTITUDE: TO MATCH NEW IF/IAF ALTITUDE.
4. LOWERED TAA LEFT BASE OUTER AREA ALTITUDE FROM 5100 TO 4600 - SUBTRACTED 500 FT ROC FOR MOUNTAINOUS TERRAIN ELEVATION PER 8260.3G PARA. 14-2-1B(1).
5. CHANGED TAA LEFT BASE STEPDOWN FROM 147/7 CW 237/7 TO 147/4 CW 237/4 AND ALTITUDE FROM 3600 TO 3100 - TO ACHIEVE A LOWER ALTITUDE TO MATCH IAF FOSAN.
6. RAISED TAA RIGHT BASE ALTITUDE FROM 3000 TO 3100 - TO MATCH IAF HAKAM ALTITUDE.
7. CHANGED INITIAL SEGMENT FROM HAKAM-HEDGI TO HAKAM-JAAZZ, COURSE FROM 327.36 TO 327.40, DISTANCE FROM 6.70 TO 7.00, AND ALTITUDE FROM 3000 TO 3100 IN TERMINAL ROUTES - TO MAKE MORE EFFICIENT USE OF AIRSPACE AND ACCOMMODATE A 90 DEGREE TURN AT IF/IAF.
8. CHANGED INITIAL SEGMENT FROM FOSAN-HEDGI TO FOSAN-JAAZZ, COURSE FROM 147.21 TO 147.24, DISTANCE FROM 6.70 TO 7.00, AND ALTITUDE FROM 3000 TO 3100 IN TERMINAL ROUTES AND PROFILE LINE 4 - TO MAKE MORE EFFICIENT USE OF AIRSPACE AND ACCOMMODATE A 90 DEGREE TURN AT IF/IAF.
9. CHANGED INTERMEDIATE SEGMENT FROM HEDGI-CUTSA TO JAAZZ-FITZY, COURSE FROM 057.28 TO 057.32, DISTANCE FROM 6.17 TO 5.32 AND ALTITUDE FROM 2000 TO 1800 IN TERMINAL ROUTES AND PROFILE LINE 4 AND 6 - TO MAKE MORE EFFICIENT USE OF AIRSPACE AND MATCH UNDERLYING ILS OR LOC RWY 6 IF/PFAF CHANGES.
10. CHANGED FINAL SEGMENT FROM PFAF CUTSA TO FITZY, COURSE FROM 057.36 TO 057.37, DISTANCE FROM 5.43 TO 4.80 IN TERMINAL ROUTES AND PROFILE LINE 3 - RESULT OF PFAF RELOCATION AND TO MATCH UNDERLYING ILS OR LOC RWY 6.
11. CHANGED MISSED APPROACH CA LEG COURSE FROM 057.36 TO 057.37 IN TERMINAL ROUTES - MATCHES FINAL COURSE CHANGE.
12. MOVED MISSED APPROACH TURN WAYPOINT CUXOV 0.20 NM NORTHEAST AND CHANGED CUXOV-KHRIS TRACK FROM 139.45 TO 141.63 - REQUESTED BY FPT/ATC.
13. PROFILE LINE 2: CHANGED HOLD-IN-LIEU OF PT FROM "HOLD SW HEDGI, RT, 057.28 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD SW JAAZZ, RT, 057.32 INBOUND, 3100 IN LIEU OF PT (IF/IAF), MAX 6000" - COINCIDES WITH ALTITUDE AND NAME CHANGES TO IF/IAF AND INTERMEDIATE SEGMENT ALIGNMENT.
14. REMOVED "CHART CIRCLING ICON" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
15. CHANGED FAS OBST FROM 576 AAO 425237N/0713030W TO 571 AAO 425239N/0713030W IN ADDITIONAL FLIGHT DATA - NEW TARGETS SOFTWARE ASSESSMENT.
16. REMOVED PROFILE NOTE ""LNAV ONLY" AND ASSOCIATED ASTERISK FROM VDP AT 1.78 NM TO RW06 FROM PUBLISHED CHART - NO LONGER REQUIRED BY CRITERIA.
17. RAISED CIRCLING CAT A AND B MDA/HAA FROM 880/614 TO 900/634 - NEW CONTROLLING OBSTRUCTION.
18. LOWERED CIRCLING CAT C MDA/HAA FROM 980/714 TO 940/674 AND CIRCLING CAT D MDA/HAA FROM 1100/834 TO 1080/814 - OEAAA OBSTACLE ASSESSMENT COMPLETED PER LOWERING PROCEDURE MINIMUMS SOP AND PER FPT REQUEST.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☒

HAI

☐

NBAA

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OTHER:

ZBW, BOS APP CON, MHT ATCT, MHT AIRPORT MANAGER

Digitally signed by

FLIGHT CHECKED BY

MICHAEL W PENDERGRASS

CASEY D HILL

Jun 01, 2026

OFFICE

AJF

DATE

05/28/2026

DEVELOPED BY

RALPH DUMAR

Digitally signed by

CASEY D HILL

Jun 01, 2026

OFFICE

AJV-A422

DATE

01/07/2026

APPROVED BY

BEV L BORDY

Digitally signed by

CASEY D HILL

Jun 01, 2026

OFFICE

AJV-A43

DATE

TITLE

MANAGER



AIRPORT ID
MHT

PROCEDURE NAME
RNAV (GPS) RWY 6

ORIGINAL/AMENDMENT
4

CITY
MANCHESTER

STATE
NH

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMHT
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	425545.0715N
LTP/FTP LONGITUDE	0712652.6085W
LTP/FTP ELLIPSOIDAL HEIGHT	+00400
FPAP LATITUDE	425650.8585N
FPAP LONGITUDE	0712530.7775W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	70255A42
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00675
FPAP ORTHOMETRIC HEIGHT	+00675

