

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> ILS OR LOC 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SUPERSEDED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> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 05/16/2024
<u>FACILITY</u> I-MJE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 JULY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 15W
				<u>EPOCH YEAR</u> 2020
				<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>
GDM VOR/DME	IAF	PROES/GDM 12.98 DME					066.28	12.98	3100
PROES/GDM 12.98 DME		JAAZZ/GDM 25.45 DME					066.28	12.47	2800
TEETO	IAF	JAAZZ/GDM 25.45 DME		TF	FB	1.00	111.22	4.67	2800
JAAZZ/GDM 25.45 DME	IF	FITZY INT					057.42 (I-MJE)	5.32	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.80 NM AFTER FITZY INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 087.42 AND CON VOR/DME R-154 TO KHRIS/CON 21.30 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JAAZZ/GDM 25.45 DME					
3. FAC: 057.42	FAF: FITZY INT		DIST FAF TO MAP: 4.80	DIST FAF TO THLD: 4.80	
4. MIN ALT: JAAZZ/GDM 25.45 DME 2800, FITZY INT 1800					
5. DIST TO THLD FROM OM: MM: IM:			150 HAT:	GS ANT: 943	
6. MIN GS INCPT: 1800 GS ALT AT PFAF: FITZY INT 1800				OM:	MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1:			TCH: 50.3		
8. MSA FROM: CON VOR/DME 4200					



PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM TEETO.

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 339 CW 111.
CHART SPEED ICON IN PLANVIEW AT TEETO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 154.25 INBOUND.
FAS OBST: 591 AAO 425200N/0713242W.
CHART MANDATORY 5000 AT TEETO.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: 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
S-ILS 06	474	4000	250	474	4000	250	474	4000	250	474	4000	250			
S-LOC 06	860	5500	636	860	5500	636	860	1 3/4	636	860	1 3/4	636			
CIRCLING	900	1	634	900	1	634	940	2	674	1080	2 3/4	814			

CHANGES - REASONS

- ADDED INITIAL SEGMENT STEPDOWN FIX PROES BETWEEN GDM VOR/DME AND IF JAAZZ - TO ALLOW A LOWER IF ALTITUDE.
- CHANGED INITIAL SEGMENT GDM VOR/DME-JAAZZ DISTANCE FROM 25.45 NM TO GDM VOR/DME-PROES 12.98 NM AND PROES-JAAZZ 12.47 NM - STEPDOWN FIX PROES ADDED.
- LOWERED IF JAAZZ ALTITUDE FROM 3100 TO 2800 IN TERMINAL ROUTES AND PROFILE LINE 4 - TO ENSURE A COMPATIBLE CAPTURE FIX ALTITUDE FOR THE RNAV SEGMENT FROM IAF TEETO.
- MOVED PFAF 0.49 NM CLOSER TO RUNWAY, CHANGED NAME FROM FITZY LOM/INT TO FITSY INT, AND LOWERED PFAF ALTITUDE FROM 2100 TO 1800 IN TERMINAL ROUTES AND PROFILE LINE 4 - FITZY LOM SCHEDULED FOR DECOMMISSION, RELOCATION DUE TO ALTITUDE CHANGE ON A 3.00 DEGREE GLIDESLOPE.
- CHANGED DISTANCE OF INTERMEDIATE SEGMENT FROM 4.83 NM TO 5.32 NM IN TERMINAL ROUTES - RESULT OF PFAF RELOCATION.
- PROFILE LINE 3: CHANGED FAF FROM FITZY LOM/INT TO FITSY INT AND DIST FAF TO MAP AND TO THLD FROM 5.28 NM TO 4.80 NM.
- PROFILE LINE 5: REMOVED DIST TO THLD FROM OM INFORMATION - FITZY LOM SCHEDULED FOR DECOMMISSION.
- PROFILE LINE 6: CHANGED MIN GS INCPT FROM 2100 TO 1800 AND GS ALT AT PFAF FROM FITZY LOM/INT 2100 TO FITZY INT 1800 - DUE TO RELOCATION OF PFAF CLOSER TO RUNWAY ON THE 3.00 DEGREE GLIDESLOPE.
- PROFILE LINE 8: CHANGED MSA FROM FITZY LOM 026-206 2800, 206-026 4400 TO CON VOR/DME 4200 - FITZY LOM SCHEDULED FOR DECOMMISSION.
- CHANGED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 071 CW 111" TO "PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 339 CW 111" - VICTOR AIRWAY AT RADIAL 071 WAS CANCELED. TURN AT T315-393 EXCEEDS 90 DEGREES.
- CHANGED FAS OBST FROM 660 AAO 425149N/0713309W TO 591 AAO 425200N/0713242W IN ADDITIONAL FLIGHT DATA - NEW TARGETS SOFTWARE ASSESSMENT AND SHORTENED FINAL SEGMENT.
- REMOVED NOTE "CHART CIRCLING ICON" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
- LOWERED S-LOC 06 MDA/HAT FROM 920/696 TO 860/636 AND REDUCED CAT C/D VISIBILITY FROM 2 SM TO 1 3/4 SM - OE-AAA OBSTACLE ASSESSMENT COMPLETED PER LOWERING PROCEDURE MINIMUMS SOP AND PER FPT REQUEST. VISIBILITY PER 8260.3G TABLE 3-3-1.
- LOWERED CAT A/B CIRCLING MDA/HAA FROM 920/654 TO 900/634, CAT C CIRCLING MDA/HAA FROM 980/714 TO 940/674, AND CAT D CIRCLING MDA/HAA FROM 1100/834 TO 1080/814 - OE-AAA OBSTACLE ASSESSMENT COMPLETED PER LOWERING PROCEDURE MINIMUMS SOP AND PER FPT REQUEST.
- CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 ON HEADING 057.42 AND CON VOR/DME R-154 TO KHRIS/CON 21.30 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 087.42 AND CON VOR/DME R-154 TO KHRIS/CON 21.30 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - REQUESTED BY FPT/ATC AS A MORE DIRECT/EFFICIENT PATH TO CLEARANCE LIMIT.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZBW, BOS APP CON, MHT ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL W PENDERGRASS

Digitally signed by

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

