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.

PROCEDURE NAME ORIGINAL/AMENDMENT CITY STATE AIRPORT ID RNAV (GPS) RWY 24 2 MANCHESTER NH **KMHT**

AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR 266 242 RNAV (GPS) RWY 24 1C 11/07/2019 15W 2020

REQUIRED EFFECTIVE DATE **FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** CANCEL/SUSPEND

RNAV ROUTINE 22 APRIL 2021

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 147/30 CW 328/30	NOPT	147/10 CW 328/10		5100
2. 147/10 CW 328/10		WAVBO	IF/IAF	2900
3. 328/30 CW 058/30		FABIG	IAF	2900
4. 058/30 CW 147/30		058/7 CW 147/7		5100
5. 058/7 CW 147/7		PUTRE	IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE
FABIG	IAF	WAVBO	NOPT	TF	FB	1.00	327.61	6.00	2900
PUTRE	IAF	WAVBO	NOPT	TF	FB	1.00	147.47	6.00	2900
WAVBO	IF/IAF	ONGEE		TF	FB	1.00	237.54	6.03	1800
ONGEE	FAF	RW24	MAP	TF	FO	0.30	237.48	4.74	
RW24	MAP	666 MSL		CA			237.48		
666 MSL		CON VOR/DME		DF	FO	1.00			5000



AIRPORT ID	PROCED	URE NAME	<u>C</u>	DRIGINAL/AMENDMENT	<u>CITY</u>	<u>STATE</u>	
KMHT	RNAV (G	PS) RWY 24		2	MANCHESTER	NH	
							_
MISSED APPROACH							
MAP:							
LNAV: RW24							
MISSED APPROACH INSTRUCTION	ONS:						
CLIMBING RIGHT TURN TO 5000	DIRECT CON VOR/DME AI	ND HOLD. COM	NTINUE CLIMB-IN-HOLI	D TO 5000.			
ALTERNATE MISSED APPROACH	HINSTRUCTIONS:						
PROFILE:							
1. PT SIDE OF COURSE	TUO	BOUND	FT WITHIN	MILES OF	(IAF)		
2. HOLD NE WAVBO, RT, 237.54	INBOUND, 2900 FT. IN LIEU	J OF PT (IF/IAF	F), MAX 6000.				
3. FAC : 237.48	FAF: ONGE		DIST FAF	F TO MAP: 4.74	DIST FAF TO THLD: 4.74		
4. MIN ALT: WAVBO 2900, ON	IGEE 1800						
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 C	CLEAR TCH:				
8. MSA FROM:							
PBN REQUIREMENTS NOTE:							
RNP APCH.							

PBN

NOTES:

CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 4000 NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

ONGEE TO RW24: 3.00/50. HOLD NW, RT, 149.75 INBOUND. FAS OBST: 598 AAO 425933N/0712251W. CHART VDP AT 1.78 NM TO RW24.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:	A		В		С			D			E				
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA												
LNAV MDA	860	5500	618	860	5500	618	860	1 3/4	618	860	1 3/4	618		NAL/7L	

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AIRPORT IDPROCEDURE NAMEORIGINAL/AMENDMENTCITYSTATEKMHTRNAV (GPS) RWY 242MANCHESTERNH

CHANGES - REASONS

- 1. INCORPORATED ALL CHANGES FROM P-NOTAM AMDT 1C INTO THIS PROCEDURE 8260.19H.
- 2. ADDED TAA PER FPT REQUEST.
- 3. DELETED ALL FEEDER ROUTES AND INITIAL ROUTE FROM ENE VOR/DME REPLACED WITH TAA PER FPT REQUEST.
- 4. CHANGED INITIAL ROUTE PUTRE TO WAVBO COURSE /DISTANCE/ALTITUDE FROM "148.37/5.00/2800" TO "147.47/6.00/2900" FIX MOVED 1 NM NORTHWEST PER FPT REQUEST; MINIMUM ALTITUDE INCREASED DUE TO NEW OBSTACLE EVALUATION.
- 5. CHANGED INITIAL ROUTE FROM FABIG TO WAVBO COURSE/DISTANCE/ALTITUDE FROM "328.49/5.00/2800" TO "327.61/6.00/2900" FIX MOVED 1 NM SOUTHEAST PER FPT REQUEST; MINIMUM ALTITUDE INCREASED DUE TO NEW OBSTACLE EVALUATION.
- 6. CHANGED INTERMEDIATE ROUTE FROM WAVBO TO ONGEE FIX TYPE FROM "IF" TO "IF/IAF" AND DISTANCE FROM "6.10" TO "6.03" FAF ONGEE MOVED 384.70 FT NORTHEAST TO ALIGN WITH 3.00 GPA; ADDED HILPT TO FIX WAVBO FOR TAA PER FPT.
- 7. CHANGED FINAL ROUTE ONGEE TO RW24 DISTANCE FROM "4.67" TO "4.74" FAF ONGEE MOVED 384.70 FT NORTHEAST TO ALIGN WITH 3.00 GPA.
- 8. CHANGED PROFILE LINE 2 FROM "PROFILE STARTS AT WAVBO" TO "HOLD NE WAVBO, RT, 237.54 INBOUND, 2900 FT, IN LIEU OF PT (IF/IAF), MAX 6000" TAA ESTABLISHED PER FPT.
- 9. CHANGED PROFILE LINE 3 DIST FAF TO MAP AND DIST FAF TO THLD FROM "4.67" TO "4.74" ONGEE MOVED 384.70 FT NORTHEAST.
- 10. CHANGED PROFILE LINE 4 FROM "WAVBO 2800, ONGEE 1800" TO "WAVBO 2900, ONGEE 1800" INCREASED MINIMUM ALTITUDE DUE TO NEW OBSTACLE EVALUATION.
- 11. ADDED "IS CLEAR" TO PROFILE LINE 7 20:1 IAW 8260.19H.

AOPA X

- 12. DELETED MSA FROM PROFILE LINE 8 MSA REPLACED WITH TAA PER FPT REQUEST.
- 13. DELETED PLANVIEW NOTE: "RADAR REQUIRED FOR ARRIVALS AT LWM VOR/DME" AND "PROCEDURE NA FOR ARRIVALS AT ENE VOR/DME AIRWAY RADIALS 197 CW 300 AND ARRIVALS AT CON VOR/DME ON V141 NORTHBOUND" FEEDER AND INITIAL SEGMENTS DELETED PER FPT REQUEST.
- 14. CHANGED CHART NOTE FROM "RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 5000 RVR NOT AUTHORIZED" TO "RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 4000 RVR NOT AUTHORIZED" 20:1 VISIUAL SURFACE IS CLEAR.

OTHER: ZBW, BOS APP CON, MHT ATCT

15. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "ONGEE TO RW24: 3.04/50" TO "ONGEE TO RW24: 3.00/50" - MOVED FAF TO ALIGN WITH 3.00 GPA.

NBAA X

- 16. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 669 TREE 425923N/0712013W" TO "FAS OBST: 589 AAO 425933N/0712251W" NEW CONTROLLING OBSTACLE.
- 17. ADDED VDP TO ADDITIONAL FLIGHT DATA 20:1 VISIUAL SURFACE IS CLEAR.
- 18. INCREASED LNAV CAT A/B VISIBILITY FROM "5000" TO "5500" NEW VIS CHECK RESULTS.

APA 🛛

COORDINATED WITH:

ALPA X

A4A X

FLIGHT CHECKED BY OFFICE DATE Digitally signed by FICO DANIEL KIRBY 01/20/2021 **DONALD H LANIER** Jan 26, 2021 **DEVELOPED BY OFFICE DATE** DONALD H. LANIER (DEXTER SWEETING) AJV-A431 09/16/2020 Digitally signed by **DONALD H LANIER OFFICE** DATE TITLE APPROVED BY Jan 26, 2021 LONNIE EVERHART AJV-A430 **MANAGER**

Digitally signed by

DONALD H LANIER

Jan 26, 2021

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