

DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICE - FAR PART 97. 23

Bearings, headings, courses and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALT	MAP: MHT R-210/25.1 DME
MHT VORTAC (IAF)	WANTS 10 DME	210/10	2000	Climbing left turn to 2000 via MHT R-210 to EGORE 20 DME and hold.
WANTS 10 DME	EGORE MHT 20 DME (NoPT)	210/10 (MHT R-210)	2000	
GDM VORTAC (IAF)	GDM R-104/ 13 DME	104/13	3100	ADDITIONAL FLIGHT DATA Hold NE, RT, 210 inbound. FAS Obst: 692 tree 423057/713300 Chart R-4102 FAC is a flight check value
GDM R-104/13 DME	EGORE MHT 20 DME	104/12.3 (GDM R-104)	2000	

- PT NA SIDE OF CRS _____ OUTBND _____ FT WITHIN _____ MI. OF _____ (IAF)
- Hold NE EGORE 20 DME, RT, 210 inbound 2000 ft. in lieu of PT (IAF)
- FAC 210 FAF EGORE 20 DME DIST FAF TO: MAP - THLD 5.1
- MIN ALT EGORE 20 DME 2000
- MSA FROM MHT VORTAC 360-090 2800, 090-180 2000, 180-270 5000, 270-360 3400

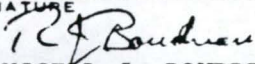
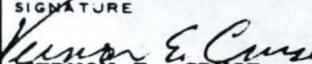
VAR 15W YR 80

MINIMUMS															
TAKEOFF: <input type="checkbox"/> STD <input checked="" type="checkbox"/> SEE FAA FORM 8260-15 FOR THIS AIRPORT				ALTERNATE: <input checked="" type="checkbox"/> NA											
CAT. →	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-21	980	1	712	980	1 1/4	712		NA			NA				
Circling	980	1	712	980	1 1/4	712		NA			NA				

NOTES
 Use Bedford altimeter setting; when Bedford control zone not in effect, use Boston altimeter setting and increase all MDAs 60'.

Procedure not authorized at night after 0300Z except by prior arrangement for RWY lights.

CITY AND STATE <u>Stow, MA</u>	ELEVATION AIRPORT <u>268</u> Minute Man Airfield	TUZE <u>268</u>	FACILITY IDENT. <u>MHT</u>	PROC. NO.-AMDT. NO.-EFFECTIVE DATE <u>7 MAY 87</u> VOR/DME RWY 21, Amdt. 3	SUP. AMDT. <u>2</u> DATED <u>13 MAY 82</u>
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ALL AFFECTED PROCEDURES REVIEWED*		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Routine	
COORDINATED WITH					
ATA <input checked="" type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	ADPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (Specify) <input checked="" type="checkbox"/> ANE-220, AVN-220, ZBW, BOS ATCT, BDR FSS, ARPT MGR
FLIGHT CHECKED BY					
NAME N. McCalmont				DATE 12/10/86	
DEVELOPED BY (GAH)				APPROVED BY	
SIGNATURE  RUSSELL J. BOUDREAU		DATE JAN 9 1987		SIGNATURE  VERNON E. CRUSE	
		ACY FIFO		MANAGER. ACY FIFO	
CHANGES					
<ol style="list-style-type: none"> 1. FAC: 210 vice 211 Terminal route: MHT to WANTS 210/10 vice 211/10 MHT to EGORE 210/20 vice 211/20 Holding: Radial 210 vice 211 2. MAP R-210/25.1 3. MSA 360-090 2800', 090-180 2000' 					
REASONS					
<ol style="list-style-type: none"> 1 & 2. R-210: Flight check value 3. Latest study 					
THIS CANCELS FDC 6/3455					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

Reports Identification Symbol
FS-8260-7

PART A - OBSTRUCTION DATA

1. APP. SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJ.	MIN. ALT.
INITIAL	GDM VORTAC(IAF)	GDM R104/13DME	4.TWR 8.3SE GDM	422921/715315	2090 2C	1000	+10	3100
		(NoPT)	T/T 8.3SE GDM	422921/715315	2006+80 2C			
INITIAL	GDM R104/13DME	GDM R104/25.3	5.T/T 14E GDM	423516/714431	670+80 2C	1000	+250	2000
			TWR 4.8SW EGO	423016/713331	709 2C			
INITIAL	MHT VORTAC(IAF)	WANTS/10DME	1.T/T 3.1NE WANTS	424449/712131	575+80 2C	1000		
			TWR 3.1NE WANTS	424406/712337	989 2C	1000	+11	2000
INTERMEDIATE	WANTS/10DME	EGORE/20 DME	2.TWR 6.0SE WANTS	424640/712810	650 2C	500	+850	2000
		(NoPT)	T/T 2.5SE WANTS	424242/712212	467+80 2C	500		
FINAL	EGORE/20 DME	R-210/25.1DME	3.T/T 4.0SW EGO	423057/713300	612+80 2C	240 (SEC)	+18+30RA	980*
			TWR 4.8SW EGO	423016/713331	709 2C	190 (SEC)		
NOTE: VDP-Close in Penetrations exceeds 400 ft/NM descent								
HOLDING PATTERN			6.TWR 4.8SW EGO	423016/713331	709 2C	1000	+291	2000
XXXXXXXXXX	EGORE 20 DME	10NM NE	T/T 4.0SW EGO	423057/713300	612+80 2C	1000		
3. MISSED APPROACH	MAP: 25.1 DME							
	ELEV: 710		40:1 Clear					
4. CIRCLING AREA	DISTANCE	HT. ABV. APT.						
CATEGORY A	1.3 MI.	REQUIRED 350	712	7.T/T 0.8E RWY 21	422754/713001	460+80 2C	300	+30RA+110MDA 980*
CATEGORY B	1.5 MI.	450	712	T/T 0.8E RWY 21	422754/713001	460+80 2C	300	+30RA+110MDA 980*
CATEGORY C	1.7 MI.	450						
CATEGORY D	2.3 MI.	550						
CATEGORY E	4.5 MI.	550						
5. MINIMUM SAFE ALTITUDES	PRIMARY NAVAID: MHT VORTAC							
SECTOR	OBSTRUCTION	BRG/DIST	ELEV. MSL	MSA	SECTOR	OBSTRUCTION	BRG/DIST	ELEV. MSL
360-090	Tower	021/20	1712	2800	180-270	Restricted area	225/24	3999
090-180	Tower	200/8	989	2000	270-360	Terrain	283/23	2310
CITY AND STATE	AIRPORT AND ELEVATION	268	FACILITY	TYPE PROCEDURE AND AMENDMENT NO.				REGION
Stow, MA	Minute Man Airport		MHT	VOR/DME RWY 21, Amdt. 3				ANE