

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 4.02 NM AFTER MNTIN INT/I-MHT 5.64 DME OR AT I-MHT 1.63 DME CLIMB TO 3500 ON HEADING 352.53 AND MHT VOR/DME R-340.00 TO SCOOP INT/MHT 12.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500. ALTERNATE MA (DO NOT CHART): CLIMB TO 3500 ON HEADING 352.53 AND ON CON VOR/DME R-175 TO FERNS INT/CON (SEE FORM 8260-10) ADDITIONAL FLIGHT DATA: HOLD N, LT, 160.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N FERNS INT/CON 12.00 DME, LT, 175.30 INBOUND. CHART FAS OBST: 463 TREE 425410N/0712447W CHART VDP AT 2.84 DME* DISTANCE VDP TO THLD 1.12 NM. *LOC ONLY. CHART IN PLANVIEW: FERNS INT/CON 12.00 DME. CHART MANDATORY 5000 AT SHOWZ. CHART CIRCLING ICON.					
LWM VOR/DME (IAF)		PELAN INT/I-MHT 12.42 DME		290.08 / 10.43				2500							
PELAN INT/I-MHT 12.42 DME		YOUULL INT/I-MHT 8.66 DME		352.53 / 3.76 (I-MHT)				2500							
SHOWZ (IAF)		IHOBBS (TF) (FB) (RNP 1.00)		153.98 / 6.24				3000							
IHOBBS		ELEEEE (TF) (FB) (RNP 1.00)		087.67 / 5.27				3000							
ELEEEE		YOUULL (TF) (FB) (RNP 1.00)		023.17 / 3.47				2500							
YOUULL INT/I-MHT 8.66 DME (IF)		MNTIN INT/I-MHT 5.64 DME		352.53 / 3.01 (I-MHT)				1600							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT YOUULL 3. FAC: <u>352.53</u> FAF: <u>MNTIN INT/I-MHT 5.64 DME</u> DIST FAF TO MAP: <u>4.02</u> THLD: <u>4.02</u> 4. MIN. ALT: <u>YOUULL 2500, MNTIN 1600, XOHWI/I-MHT 3.53 DME 880*</u> 5. DIST TO THLD FROM OM: _____ - _____ MM: <u>0.45</u> IM: <u>861</u> 150 HAT: <u>1815</u> 100 HAT: <u>861</u> GS ANT: <u>1222</u> 6. MIN GS INCPT: <u>1600</u> GS ALT AT: <u>MNTIN 1600</u> OM: _____ - _____ MM: <u>509</u> IM: <u>410</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.9</u> 8. MSA FROM: <u>MHT VOR/DME 046-136 2600, 136-226 2000, 226-046 3500</u>															
										MAG VAR: 16W EPOCH YEAR: 1995					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		ILS: #		LOC: STANDARD @			
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 35	465	1800	200	465	1800	200	465	1800	200	465	1800	200			
S-LOC 35	880	4000	615	880	4000	615	880	1 3/8	615	880	1 3/8	615			
CIRCLING	880	1	614	880	1	614	980	2	714	1100	2 3/4	834			
XOHWI FIX MINIMUMS (DME REQUIRED)															
S-LOC 35	720	4000	455	720	4000	455	720	4500	455	720	4500	455			
CIRCLING	880	1	614	880	1	614	980	2	714	1100	2 3/4	834			
NOTES: <u>SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35: CAT A, B, C, D, RA</u> 138, RVR 1400, HAT 150, DA 415 MSL. <u>CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35: CAT A, B, C, D, RA</u> 101, RVR 1200, HAT 100, DA 365 MSL. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 266 TDZE: 265		FACILITY IDENTIFIER: I-MHT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP:			
MANCHESTER, NH		AIRPORT NAME: MANCHESTER				ILS OR LOC RWY 35, AMDT 2A; ILS RWY 35 (SA CAT I), ILS RWY 35 (CAT II), ILS RWY 35 (CAT III)						AMDT: 2			
						2 MARCH 2017						DATED 01/08/2015			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):

12.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500, HOLD.

NOTES, (CONT.):

CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35: CAT III CAT A,B,C,D, RVR 700.

CHART SPEED ICON IN PLANVIEW AT LWM VOR/DME: MAX 210 KIAS.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

*920 WHEN USING NASHUA ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-LOC 35 AND XOHWI FIX MINIMUMS S-LOC 35 VISIBILITY TO RVR 5000.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHUA ALTIMETER SETTING: INCREASE S-ILS 35 DA TO 497 ALL CAT VISIBILITIES 1/4 MILE; INCREASE ALL MDA 40 FEET; INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE; INCREASE XOHWI FIX MINIMUMS S-LOC 35 CAT C/D VISIBILITY 1/8 MILE AND XOHWI FIX MINIMUMS CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: WHEN USING NASHUA ALTIMETER SETTING: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 35; FOR INOPERATIVE ALSF, INCREASE INCREASE S-LOC 35 AND XOHWI FIX MINIMUMS S-LOC 35 VISIBILITY TO RVR 5000.

CHART PLANVIEW NOTE ADJACENT SHOWZ (IAF): GPS REQUIRED.

CHART PLANVIEW NOTE ADJACENT LWM VOR/DME (IAF): RADAR REQUIRED FOR PROCEDURE ENTRY AT LWM VOR/DME.

CHART PLANVIEW NOTE AT LWM VOR/DME: MAX 210 KIAS.

CHART PLANVIEW NOTE AT SHOWZ: MAX 210 KIAS.

CHART PROFILE NOTE: USE I-MHT LOCALIZER DME WHEN ON LOC COURSE.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

SA CAT II AND CAT III NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED.

QUALITY
4

CHECKED

CITY AND STATE

MANCHESTER, NH

ELEVATION: 266

TDZE: 265

AIRPORT NAME:

MANCHESTER

FACILITY
IDENTIFIER:
I-MHT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 35, AMDT 2A; ILS RWY 35 (SA CAT I),
ILS RWY 35 (CAT II), ILS RWY 35 (CAT III)
2 MARCH 2017

SUP:

AMDT:

DATED: 01/08/2015

2