

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.						
TERMINAL ROUTES														MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: I-MNA 0.31 DME									
PURBL (IAF)				LYLAC (TF) (FB) (RNP 1.00)				022.58 / 6.08				3000		CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 DIRECT MHT VOR/DME AND HOLD.									
LYLAC				BLSSM (TF) (FB) (RNP 1.00)				090.13 / 4.22				3000											
BLSSM				BLUUM (TF) (FB) (RNP 1.00)				138.37 / 3.27				2500		ALTERNATE MA (DO NOT CHART): CLIMB TO 900 THEN CLIMBING LEFT TURN TO 4000 DIRECT CON VOR/DME AND HOLD.									
CON VOR/DME (IAF)				BLUUM/I-MNA 6.89 DME				177.80 / 10.61				2500		ADDITIONAL FLIGHT DATA: HOLD SE, LT, 337.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW CON VOR/DME, RT, 149.75 INBOUND. CHART FAS OBST: 397 TREE 425722N/0712710W CHART IN PLANVIEW: CON VOR/DME. CHART IN PROFILE: I-MNA DME ANTENNA. CHART CIRCLING ICON. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART MANDATORY 5000 AT PURBL.									
BLUUM/I-MNA 6.89 DME (IF)				ORDIE/I-MNA 3.75 DME				171.52 / 3.14 (I-MNA)				1600											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																							
2. PROFILE STARTS AT BLUUM																							
3. FAC: 171.52 FAF: ORDIE/I-MNA 3.75 DME DIST FAF TO MAP: _____ THLD: 4.05																							
4. MIN. ALT: BLUUM 2500, ORDIE 1600, SITLE/I-MNA 1.30 DME 800*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 825																							
6. MIN GS INCPT: 1600 GS ALT AT: ORDIE 1600 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.10 TCH: 49.1																							
8. MSA FROM: MHT VOR/DME 046-136 2600, 136-226 2000, 226-046 3500																							
MAG VAR: 15W EPOCH YEAR: 2020																							
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 17	429	1800	200	429	1800	200	429	1800	200	429	1800	200											
S-LOC 17	660	2400	431	660	2400	431	660	4500	431	660	4500	431											
CIRCLING	880	1	614	880	1	614	980	2	714	1100	2 3/4	834											
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. *LOC ONLY *840 WHEN USING NASHUA ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHUA ALTIMETER SETTING: INCREASE S-ILS (CONTINUED ON PAGE 2)																							
CITY AND STATE MANCHESTER, NH				ELEVATION: 266 TDZE: 229 AIRPORT NAME: MANCHESTER				FACILITY IDENTIFIER: I-MNA		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 17, AMDT 2C 17 AUGUST 2017						SUP: AMDT: 2B DATED 03/02/2017							



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

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**NOTES, (CONT.):**

17 DA TO 461; INCREASE ALL MDA 40 FEET AND S-LOC 17 CAT C/D VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.

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

CHART PLANVIEW NOTE AT PURBL: MAX 210 KIAS.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING NASHUA ALTIMETER SETTING, INCREASE S-LOC 17 CAT C/D VISIBILITY TO 1 3/8 SM.



CITY AND STATE

MANCHESTER, NH

**ELEVATION: 266****TDZE: 229**

AIRPORT NAME:

MANCHESTER

FACILITY  
IDENTIFIER:

I-MNA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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