

**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-CRQ 0.86 DME FIX
OCN VORTAC	HOMLY INT/OCN 17.59 DME	082.92 / 17.59	4500	CLIMB TO 3000 ON HEADING 245 AND ON OCN VORTAC R-145 TO OCN VORTAC AND HOLD.
HOMLY INT/OCN 17.59 DME (IAF)	ESCON INT/I-CRQ 10.38 DME	183.30 / 2.53 (MZB R-002)	3300	
JLI VORTAC (IAF)	GENTA INT/JLI 14.30 DME	257.70 / 14.30	7100	ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND (DO NOT CHART). CHART FAS OBST: 731 TREE 330809N/1171251W CHART VDP AT 2.68 DME* DISTANCE VDP TO THLD 1.83 NM. *LOC ONLY. CHART CIRCLING ICON.
GENTA INT/JLI 14.30 DME	RECCO INT/JLI 18.24 DME	257.70 / 3.94 (JLI R-258)	5200	
RECCO INT/JLI 18.24 DME	ZANIG INT/JLI 22.24 DME	257.70 / 4.00 (JLI R-258)	4300	
ZANIG INT/JLI 22.24 DME (SEE FORM 8260-10)	ESCON INT/I-CRQ 10.38 DME	257.70 / 3.00 (JLI R-258)	3300	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ESCON INT/I-CRQ 10.38 DME
3. FAC: 245.14 FAF: CIDRU/I-CRQ 6.51 DME DIST FAF TO MAP: THLD: 5.65
4. MIN. ALT: ESCON 3300, WUNUB 2600, CIDRU 2300, HUSET/4.16 DME 1640*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: **1063**
6. MIN GS INCPT: 2300 GS ALT AT: CIDRU 2300 OM: - MM: - IM: -
7. GS ANGLE: 3.20 TCH: 54.5
8. MSA FROM: OCN VORTAC 250-160 7000, 160-250 2100

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			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 24	527	4000	201	527	4000	201	576	4000	250		NA				
S-LOC 24	1000	4000	674	1000	4000	674	1000	1 1/2	674		NA				
CIRCLING	1000	1	669	1020	1	689	1260	2 3/4	929		NA				

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS RWY 24.
 CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 960.
 CHART NOTE: DME REQUIRED.
 CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
 (CONTINUED ON PAGE 2)

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT A 700-2, CAT B 700-2, CAT C 1000-2 3/4
 @ CAT C 1000-2 3/4



CITY AND STATE CARLSBAD, CA	ELEVATION: 331 TDZE: 326 AIRPORT NAME: MC CLELLAN-PALOMAR	FACILITY IDENTIFIER: I-CRQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 9D 10 NOVEMBER 2016	SUP: ILS OR LOC/DME RWY 24 AMDT: 9C DATED 10/16/2014
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
ESCON INT/I-CRQ 10.38 DME (IF)	WUNUB/I-CRQ 7.98 DME	245.14 / 2.40 (I-CRQ)	2600
WUNUB/I-CRQ 7.98 DME	CIDRU/I-CRQ 6.51 DME	245.14 / 1.47 (I-CRQ)	2300

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 24 CAT A/B VISIBILITY TO RVR 5500 AND CAT C VISIBILITY TO 1 7/8 SM.



CITY AND STATE CARLSBAD, CA	ELEVATION: 331 TDZE: 326 AIRPORT NAME: MC CLELLAN-PALOMAR	FACILITY IDENTIFIER: I-CRQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 9D 10 NOVEMBER 2016	SUP: ILS OR LOC/DME RWY 24
				AMDT: 9C
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