

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
LRD	ILS OR LOC RWY 18R	12A	LAREDO	TX		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
508	18R 504	ILS OR LOC RWY 18R	12	02/01/2018	5E	2020
	18L 499					
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-LRD		10 JULY 2025	ROUTINE			

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
LRD VORTAC		JINSA/I-LRD 7.00 DME	FAF/IAF				339.05	10.33	2300
IRICI/LRD 17.00 DME CCW	IAF	HEPRI/I-LRD 14.00 DME	NOPT				17.00 DME ARC (LRD LR-352)		2300
SAROY/LRD 17.00 DME CW	IAF	HEPRI/I-LRD 14.00 DME	NOPT				17.00 DME ARC (LRD LR-338)		2300
HEPRI/I-LRD 14.00 DME	IF	JINSA/I-LRD 7.00 DME					177.56 (I-LRD)	7.00	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-LRD 1.54 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2500 DIRECT LRD VORTAC AND ON LRD VORTAC R-132 TO ELKOS/LRD 15.00 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT R SIDE OF COURSE 357.56 OUTBOUND 2300 FT WITHIN 10 MILES OF JINSA/I-LRD 7.00 DME (IAF)
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- FAC: 177.56 FAF: JINSA/I-LRD 7.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.46
- MIN ALT: JINSA/I-LRD 7.00 DME 2300, ICANU/I-LRD 3.74 DME 1260
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1080
- MIN GS INCPT: 2300 GS ALT AT PFAF: JINSA/I-LRD 7.00 DME 2300 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 56.5
- MSA FROM: LRD VORTAC 2600



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: CIRCLING NA SW OF RWY 14 AND W OF RWY 36L.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C, D, AND E VISIBILITY TO 1 1/8 SM.

CHART PROFILE NOTE: USE I-LRD DME WHEN ON THE LOCALIZER COURSE.

CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E.

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 312.00 INBOUND.

CHART FAS OBST: 653 TOWER (48-029701) 273533N/0992755W, 623 TREE (48-046442) 273555N/0992747W.

CHART 1142 TOWER (48-007960) 273907N/0992740W.

CHART VDP AT 2.68 DME.

DISTANCE VDP TO THLD 1.15 NM.

CHART LRD R-006 AT IRICI.

CHART LRD R-320 AT SAROY.

CHART CIRCLING ICON.

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2, NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 18R	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200
S-LOC 18R	920	1/2	416	920	1/2	416	920	3/4	416	920	3/4	416	920	3/4	416
SIDESTEP 18L	920	1	421	920	1	421	920	1 1/2	421	920	2	421	920	2	421
CIRCLING	940	1	432	980	1	472	1100	1 1/2	592	1200	2 1/4	692	1200	2 1/2	692

**CHANGES - REASONS**

1. PROFILE LINE 1: CHANGED PROCEDURE TURN FT WITHIN FROM "15" TO "10" - PER FPT.

2. PROFILE LINE 4: REMOVED "" FROM "1260" - NO LONGER REQUIRED PER CURRENT CRITERIA.

3. NOTES: DELETED CHART NOTE "DME REQUIRED" - IAW 8260.19J, 8-6-9.A(2)A.

4. NOTES: UPDATED FROM "FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C/D/E VISIBILITY TO 1 1/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R CAT C, D, AND E VISIBILITY TO 1 1/8 SM" - IAW 8260.19J, 8-6-12.N(1)A(3).

5. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E" - PROCEDURE TURN CHANGED FROM 15 NM TO 10 NM PER FPT.

6. ADDITIONAL FLIGHT DATA: DELETED CHART PLANVIEW NOTE "DME REQUIRED" AND ADDED TO EQUIPMENT REQUIREMENTS NOTES - IAW 8260.19J, 8-6-9.A(2)A.

7. ADDITIONAL FLIGHT DATA: REMOVED ""LOC ONLY" - NO LONGER REQUIRED.

8. ADDITIONAL FLIGHT DATA: REMOVED "" FROM "CHART VDP AT 2.68 DME\*" - IAW 8260.19J, 8-6-10.M.

9. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE 1142 TOWER LAT/LONG FROM "273916N/0992745W" TO "273907N/0992740W" - IAW 8260.19J, PARA 8-6-11.C &amp; NEW OBSTACLE SURVEY DATA.



