

|                                                                                                                                                                                                                                                                                                                   |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|---------|---------------------------------------------|-----|---------|----------------------------------------------------------------------------|-------|-------------------------------|--------|------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|--|--|--|--|
| US DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION                                                                                                                                                                                                                                                |        |     |         |                                             |     |         | ILS - STANDARD<br>INSTRUMENT APPROACH PROCEDURE<br>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<br>LOC: I-LRD 1.54 DME                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| LRD VORTAC                                                                                                                                                                                                                                                                                                        |        |     |         | JINSA/I-LRD 7.00 DME                        |     |         | 339.05 / 10.33                                                             |       |                               |        | 2300                                                                                     |         | 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.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD SE, RT, 312.00 INBOUND.<br>CHART FAS OBST: 653 TOWER 273533N/0992755W, 623 TREE 273555N/0992747W.<br>CHART 1142 TOWER 273916N/0992745W.<br>CHART VDP AT 2.68 DME*<br>DISTANCE VDP TO THLD 1.15 NM.<br>*LOC ONLY.<br>CHART LRD R-006 AT IRICI.<br>CHART LRD R-320 AT SAROY.<br>CHART CIRCLING ICON.<br>CHART PLANVIEW NOTE: DME REQUIRED. |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 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 / 7.00 (I-LRD)                                                      |       |                               |        | 2300                                                                                     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 1. PT <u>R</u> SIDE OF COURSE <u>357.56</u> OUTBOUND <u>2300</u> FT WITHIN <u>15</u> MILES OF <u>JINSA</u> (IAF)                                                                                                                                                                                                  |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAG VAR: 5E EPOCH YEAR: 2020                                                                                                                                                                                                                                                                                                                                         |                                                                 |  |  |  |  |  |
| 2. _____                                                                                                                                                                                                                                                                                                          |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 3. FAC: <u>177.56</u> FAF: <u>JINSA/I-LRD 7.00 DME</u> DIST FAF TO MAP: _____ THLD: <u>5.46</u>                                                                                                                                                                                                                   |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 4. MIN. ALT: <u>JINSA 2300, ICANU/I-LRD 3.74 DME 1260*</u>                                                                                                                                                                                                                                                        |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>1080</u>                                                                                                                                                                                                              |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 6. MIN GS INCPT: <u>2300</u> GS ALT AT: <u>JINSA 2300</u> OM: _____ MM: _____ IM: _____                                                                                                                                                                                                                           |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 7. GS ANGLE: <u>3.00</u> TCH: <u>56.5</u>                                                                                                                                                                                                                                                                         |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 8. MSA FROM: <u>LRD VORTAC 2600</u>                                                                                                                                                                                                                                                                               |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| 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 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                                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                   |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                   |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| NOTES:<br>CHART NOTE: CIRCLING NA W OF RWYS 14 AND 36L.<br>CHART NOTE: DME REQUIRED.<br>CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).<br>CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 18R CAT E VISIBILITY TO 3/4 SM AND INCREASE S-LOC 18R (CONTINUED ON PAGE 2) |        |     |         |                                             |     |         |                                                                            |       |                               |        |                                                                                          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |  |  |  |  |  |
| CITY AND STATE<br>LAREDO, TX                                                                                                                                                                                                                                                                                      |        |     |         | ELEVATION: 508<br>AIRPORT NAME: LAREDO INTL |     |         | TDZE: 18R 504<br>TDZE: 18L 499                                             |       | FACILITY IDENTIFIER:<br>I-LRD |        | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>ILS OR LOC RWY 18R, AMDT 12<br>1 FEBRUARY 2018 |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      | SUP: ILS OR LOC/DME<br>RWY 17R<br>AMDT: 11A<br>DATED 04/02/2015 |  |  |  |  |  |

QUALITY  
25  
CHECKED

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.

NOTES, (CONT.):  
CAT C/D/E VISIBILITY TO 1 1/8 SM.  
CHART PROFILE NOTE: USE I-LRD DME WHEN ON THE LOCALIZER COURSE.

QUALITY  
25  
CHECKED

|                              |                                                |                                |                                  |                                                                                          |                                |
|------------------------------|------------------------------------------------|--------------------------------|----------------------------------|------------------------------------------------------------------------------------------|--------------------------------|
| CITY AND STATE<br>LAREDO, TX | ELEVATION: 508<br>AIRPORT NAME:<br>LAREDO INTL | TDZE: 18R 504<br>TDZE: 18L 499 | FACILITY<br>IDENTIFIER:<br>I-LRD | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>ILS OR LOC RWY 18R, AMDT 12<br>1 FEBRUARY 2018 | SUP: ILS OR LOC/DME<br>RWY 17R |
|                              |                                                |                                |                                  |                                                                                          | AMDT: 11A                      |
|                              |                                                |                                |                                  |                                                                                          | DATED: 04/02/2015              |