

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										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		MAP: LRD 4.00 DME FIX								
NELEE INT/LRD 25.57 DME (IAF)			HEVUM/LRD 10.00 DME (NOPT)			311.75 / 15.57 (LRD R-132)			2500		CLIMB TO 2600 ON LRD VORTAC R-319 TO BLAME/LRD 18.00 DME AND HOLD.								
HEVUM/10.00 DME (IF)			LRD VORTAC			311.75 / 10.00			1800										
										ADDITIONAL FLIGHT DATA: HOLD NW, LT, 139.26 INBOUND. CHART FAS OBST: 660 COM TWR 272935N/0992604W 776 AAO 272907N/0992507W CHART VDP AT 2.76 DME DISTANCE VDP TO THLD 1.24 NM. CHART CIRCLING ICON. LRD VORTAC TO RW32: 3.01/55.									
1. PT <u>L</u> SIDE OF COURSE <u>131.75</u> OUTBOUND <u>2500</u> FT WITHIN <u>15</u> MILES OF <u>LRD VORTAC</u> (IAF)																			
2.																			
3. FAC <u>319.51</u> FAF <u>LRD VORTAC</u> DIST FAF TO MAP THLD <u>4.00</u>																			
4. MIN. ALT <u>LRD VORTAC 1800</u>																			
8. MSA FROM: <u>LRD VORTAC 2600</u>										MAG VAR: <u>9E</u> EPOCH YEAR: <u>1965</u>									
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: <u>N A</u>					STANDARD @									
CATEGORY =====>		A			B			C			D			E					
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-32		920	1	426	920	1	426	920	1 1/4	426	920	1 1/4	426	920	1 1/4	426			
CIRCLING		960	1	452	980	1	472	1100	1 1/2	592	1200	2 1/4	692	1240	2 1/2	732			
NOTES: CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHARTNOTE: DME REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HEBRONVILLE (CONTINUED ON PAGE 2)																			
CITY AND STATE LAREDO, TX		ELEVATION: 508 TDZE: 494 AIRPORT NAME:  LAREDO INTL			FACILITY IDENTIFIER: LRD		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN RWY 32, AMDT 11					SUP AMDT DATE 04/10/2008							

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>ZHU, AMGR, LRD ATCT</div>					
FLIGHT CHECKED BY					
NAME: <div>Digitally signed by THOMAS L KIRKPATRICK Jul 08, 2016</div> <div>ALBERT CARL OESTERLE</div>				FIFO FIOG	DATE: 06/14/2016
DEVELOPED BY					
NAME: <div>Digitally signed by THOMAS L KIRKPATRICK Jul 08, 2016</div> <div>JACOB A. POWERS (WILLIAM MORGAN)</div>				FIFO AJV-5421	DATE: 03/02/2016
APPROVED BY					
NAME: <div>Digitally signed by THOMAS L KIRKPATRICK Jul 08, 2016</div> <div>GEORGE GONZALEZ</div> <div>MANAGER</div>				FIFO AJV-5420	DATE:
CHANGES:					
<div>1. CHANGED MAP FROM 4.00 MILES AFTER LRD TO LRD 4.00 DME FIX. 2. REMOVED NDB MAP INSTRUCTIONS. AND ADF REQUIRED PLANVIEW NOTE. 3. INCREASED S-32 MDA/HAT FROM 900/406 TO 920/426 ALL CATS. 4. ADDED NEW CONTROLLING OBSTACLE FOR FINAL. 5. ADDED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 6. CHANGED MISSED APPROACH CLEARANCE LIMIT FOR VOR AIRCRAFT FROM AGH NDB TO BLAME/18.00 DME. 7. ADDED VDP INFORMATION. 8. ADDED CIRCLING ICON. 9. CHANGED HELICOPTER NOTE FROM: "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. " 10. ADDED CHART NOTE DME REQUIRED. 11. CHANGED CIRCLING CAT C MDA/HAA FROM 960/472 TO 1100//592. 12. CHANGED CIRCLING CAT D MDA/HAA FROM 1060/552 TO 1200/692 AND VIS FROM 2 TO 2 1/4. 13. UPDATED BACKUP ALTIMETER NOTE.</div>					
REASONS:					
<div>1. TO REFLECT NEW CURRENT CRITERIA. 2, 6, 10. CANCELED ARDYTH NDB DUE TO DECOMMISSIONING. 3. NEW FINAL CONTROLLING OBSTACLE. 4. ADD NEW CONTROLLING OBSTACLE CHANGED FROM PLOES 630 MSL TO COMM TWR 660 MSL. 5. DUE TO 34:1 PENETRATION 489 POLE 273201.90N/0992717.66W (0.62). 6. PER ATC REQUEST. 7. 20:1 OBSTACLES REMOVED. 8, 11, 12. NEW CIRCLING CRITERIA APPLIED. 9. 34:1 OBSTACLES PRESENT. 13. UPDATED PROCEDURE EVALUATION.</div> <div>6/13/2016: THIS IS A UPDATED COPY OF THE FORM DEVELOPED ON 03/03/2016. UPDATED ARINC CODING.</div> <div>(SEE FORM 8260-10)</div>					



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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.):

ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-32 AND CIRCLING CATS C/D/E VISIBILITY  
1/2 MILE.

CHARTNOTE: CIRCLING NA W OF RWY 14 AND 35L.

CITY AND STATE

LAREDO, TX

ELEVATION: 508

TDZE: 494

AIRPORT NAME:

LAREDO INTL

FACILITY  
IDENTIFIER:

LRD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR OR TACAN RWY 32, AMDT 11

SUP:

AMDT:

DATED:

QUALITY  
4

CHECKED

10A

04/10/2008

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					
<div>REASONS CONT.</div> <div>07/06/2016: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/16/2016.</div> <div>CHANGED NELEE INT/LRD 10.00 DME TO NELEE INT/LRD 25.57 DME.</div>					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.							
INITIAL		NELEE INT/LRD		HEVUM/LRD 10.00		1. TOWER (44-8149)		272118.11N/0991353.21W		1064 (1A)		1000		AT436		2500							
		25.57 DME		DME		2. TERRAIN		271600.00N/0990815.00W		575 (600)				AS1500		2100							
INTERMEDIATE		HEVUM/10.00 DME		LRD VORTAC		3. TOWER (44-8419)		272716.26N/0992516.95W		997 (1A)		500		AT303		1800							
						4. TERRAIN		272727.00N/0992512.00W		668 (700)				AS1000		1700							
INTERMEDIATE: PT		15 NM		LRD VORTAC		3. TOWER (48-008419)		272716.26N/0992516.95W		997 (1A)		500		AT303		1800							
						4. TERRAIN		272727.00N/0992512.00W		668 (700)				AS1000		1700							
FINAL		LRD VORTAC		LRD 4.00 DME FIX		5. COM TWR		272935.23N/0992604.46W		660 (1B)		250				920							
						(KLRDT001147)																	
2. PROCEDURE TURN		LRD VORTAC		15 NM		1. TOWER (44-8149)		272118.11N/0991353.21W		1064 (1A)		1000		AT436		2500							
						6. TERRAIN		271630.00N/0990327.00W		670 (700)				AS1500		2200							
3. MISSED APPROACH	MAP:		LRD 4.00 DME FIX		BLAME/LRD 18.00						ASC				2600								
					DME		7. TOWER (48-011356)		273928.00N/0993511.00W		1162 (5D)		1000		2200								
	ELEV:		670				8. TERRAIN		274415.00N/0993118.00W		676 (700)				AS1500								
4. CIRCLING AREA		DISTANCE				HT. ABV. ARPT.																	
CATEGORY A		1.3 NM		REQUIRED	350		ACTUAL	452		9. POLE (48-031148)		273315.41N/0992715.19W		629 (2C)		300		XP20		960			
CATEGORY B		1.5 NM			450			472		10. TANK (48-001664)		273417.28N/0992857.42W		667 (1A)		300				980			
CATEGORY C		1.7 NM			450			592		11. TOWER (48-008354)		273313.00N/0992418.00W		747 (5D)		300		AC50		1100			
CATEGORY D		2.3 NM			550			692		12. AAO		273702.00N/0992711.40W		884 (2C)		300				1200			
CATEGORY E		4.5 NM			550			732		12. AAO		273702.00N/0992711.40W		884 (2C)		300		XP40		1240			
5. MINIMUM SAFE ALTITUDES																		PRIMARY NAVAID: LRD VORTAC					
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A					
360-360		TWR (48-002487)		303/17.6		1550 (5D)		2600															
CITY AND STATE				ELEVATION: 508				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION							
LAREDO, TX				AIRPORT NAME: LAREDO INTL				LRD VORTAC				VOR OR TACAN RWY 32, AMDT 11				4 CHECKED ASW							

