

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33										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		LPV: DA LNAV/VNAV: DA LNAV: RW18R CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2500 DIRECT ELKOS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.00 INBOUND. CHART FAS OBST: 629 POLE 273315N/0992715W. CHART 653 TOWER 273533N/0992755W. DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.02 NM TO RW18R* *LNAV ONLY. WAAS CHANNEL # 82599 REFERENCE PATH ID: W18A CHART CIRCLING ICON. LTP HAE: 129.5 M											
KAHAN (IAF)				OVOSE (NOPT) (TF) (FB) (RNP 1.00)				250.32 / 6.85				3000													
OVOSE (IF/IAF)				JINSA (TF) (FB) (RNP 1.00)				177.56 / 5.84				2300													
JINSA (FAF)				ICANU/2.20 NM TO RW18R (TF) (FB) (RNP 0.30)				177.56 / 3.26																	
ICANU/2.20 NM TO RW18R				RW18R (MAP) (TF) (FO) (RNP 0.30)				177.56 / 2.20																	
RW18R (MAP)				1000 MSL (CA)				177.56				1000		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.00 INBOUND. CHART FAS OBST: 629 POLE 273315N/0992715W. CHART 653 TOWER 273533N/0992755W. DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.02 NM TO RW18R* *LNAV ONLY. WAAS CHANNEL # 82599 REFERENCE PATH ID: W18A CHART CIRCLING ICON. LTP HAE: 129.5 M											
1000 MSL				ELKOS (DF) (FO) (RNP 1.00)								2500													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N OVOSE, LT, 177.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 177.56 FAF: JINSA DIST FAF TO MAP: 5.46 THLD: 5.46 4. MIN. ALT: OVOSE 3000, JINSA 2300, ICANU/2.20 NM TO RW18R 1260* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2300 GS ALT AT: JINSA 2300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 56.5 34:1 IS CLEAR 8. MSA FROM: RW18R 2600																MAG VAR: 5E				EPOCH YEAR: 2020					
MINIMUMS																									
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		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										
LPV DA	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200										
LNAV/VNAV DA	810	1/2	306	810	1/2	306	810	1/2	306	810	1/2	306	810	1/2	306										
LNAV MDA	880	1/2	376	880	1/2	376	880	5/8	376	880	5/8	376	880	5/8	376										
CIRCLING	940	1	432	980	1	472	1100	1 1/2	592	1200	2 1/4	692	1200	2 1/2	692										
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4, CAT E 800-2 1/2 CHART NOTE: CIRCLING NA W OF RWYS 14 AND 36L. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KAHAN ON V17 NORTHBOUND. (CONTINUED ON PAGE 2)																									
CITY AND STATE LAREDO, TX				ELEVATION: 508 TDZE: 504				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18R, AMDT 2 1 FEBRUARY 2018				SUP: RNAV (GPS) RWY 17R									
				AIRPORT NAME: LAREDO INTL												AMDT: 1A									
																DATED 04/02/2015									



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

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

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO 3/4 SM, LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM, AND LNAV CATS C/D/E TO 1 SM.

QUALITY
25
CHECKED

CITY AND STATE

LAREDO, TX

ELEVATION: 508

TDZE: 504

AIRPORT NAME:

LAREDO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18R, AMDT 2

1 FEBRUARY 2018

SUP: RNAV (GPS) RWY
17R

AMDT: 1A

DATED: 04/02/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLRD
RUNWAY	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	273323.3680N
LTP/FTP LONGITUDE	0992744.7125W
LTP/FTP ELLIPSOIDAL HEIGHT	+01295
FPAP LATITUDE	273154.1100N
FPAP LONGITUDE	0992749.1895W
THRESHOLD CROSSING HEIGHT (TCH)	00056.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 F3DF2655

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01535
FPAP ORTHOMETRIC HEIGHT	+01535

QUALITY
25
CHECKED

CITY AND STATE LAREDO, TX	ELEVATION: 508 AIRPORT NAME: LAREDO INTL	TDZE: 504 LAREDO INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18R, AMDT 2 1 FEBRUARY 2018	SUP: RNAV (GPS) RWY 17R
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