

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: RW36L CLIMB TO 3000 DIRECT OVOSE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 177.56 INBOUND. CHART FAS OBST: 671 ANTENNA 273211N/0992818W. DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.27 NM TO RW36L* *LNAV ONLY. WAAS CHANNEL # 77933 REFERENCE PATH ID: W36A CHART CIRCLING ICON. LTP HAE: 123.7 M												
KAHAN				HUWLA (TF) (FB) (RNP 2.00)				161.96 / 21.70				3000														
HUWLA (IAF)				WUGRO (TF) (FB) (RNP 1.00)				197.74 / 7.00				3000														
WUGRO				SOSOC (TF) (FB) (RNP 1.00)				267.71 / 10.00				3000														
NELEE (IAF)				SOSOC (TF) (FB) (RNP 1.00)				293.47 / 21.81				3000														
SOSOC (IF)				JOBIX (TF) (FB) (RNP 1.00)				357.56 / 6.84				2400														
(SEE FORM 8260-10)																										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT SOSOC 3. FAC: <u>357.55</u> FAF: <u>JOBIX</u> DIST FAF TO MAP: <u>5.86</u> THLD: <u>5.86</u> 4. MIN. ALT: <u>SOSOC 3000, JOBIX 2400, WAMUT/2.10 NM TO RW36L 1200*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>JOBIX 2400</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>49.6</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW36L 2600</u>																	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	DH/MDA	VIS	HAT/HAA								
LPV DA	697	3/4	200	697	3/4	200	697	3/4	200	697	3/4	200	697	3/4	200	697	3/4	200								
LNAV/VNAV DA	844	1	347	844	1	347	844	1	347	844	1	347	844	1	347	844	1	347								
LNAV MDA	940	1	443	940	1	443	940	1 3/8	443	940	1 3/8	443	940	1 3/8	443	940	1 3/8	443								
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. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NELEE ON V17 SOUTHEAST BOUND.																										
CITY AND STATE				ELEVATION: 508 TDZE: 497				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:							SUP: RNAV (GPS) RWY 35L							
LAREDO, TX				AIRPORT NAME: LAREDO INTL								RNAV (GPS) RWY 36L, AMDT 3 1 FEBRUARY 2018							AMDT: 2A							
																			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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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOBIX (FAF)	WAMUT/2.10 NM TO RW36L (TF) (FB) (RNP 0.30)	357.55 / 3.76	
WAMUT/2.10 NM TO RW36L	RW36L (MAP) (TF) (FO) (RNP 0.30)	357.55 / 2.10	
RW36L (MAP)	697 MSL (CA)	357.55	
697 MSL	OVOSE (DF) (FO) (RNP 1.00)		3000

QUALITY
25
CHECKED

CITY AND STATE
LAREDO, TX

ELEVATION: 508 TDZE: 497
 AIRPORT NAME:
 LAREDO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36L, AMDT 3
 1 FEBRUARY 2018

SUP: RNAV (GPS) RWY
35L
 AMDT: 2A
 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	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	273158.0680N
LTP/FTP LONGITUDE	0992748.9860W
LTP/FTP ELLIPSOIDAL HEIGHT	+01237
FPAP LATITUDE	273327.3270N
FPAP LONGITUDE	0992744.5255W
THRESHOLD CROSSING HEIGHT (TCH)	00049.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0120
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 25016626

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01477
FPAP ORTHOMETRIC HEIGHT	+01477

QUALITY
25
CHECKED

CITY AND STATE LAREDO, TX	ELEVATION: 508 AIRPORT NAME: LAREDO INTL	TDZE: 497 LAREDO INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36L, AMDT 3 1 FEBRUARY 2018	SUP: RNAV (GPS) RWY 35L
					AMDT: 2A
					DATED: 04/02/2015