

RNAV - STANDARD 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: RW19 (DO NOT EXCEED 165 KIAS UNTIL ODKAE) CLIMB TO 5200 THEN CLIMBING LEFT TURN TO 9000 DIRECT ODKAE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 232.83 INBOUND. CHART FAS OBST: 4642 TREE 302430N/1033930W. DISTANCE TO THLD FROM 481 HAT: 1.49 NM. CHART VDP AT 2.21 NM TO RW19* *LNAV ONLY. WAAS CHANNEL # 77923 REFERENCE PATH ID: W19A CHART CIRCLING ICON. LTP HAE: 1335.2 M							
FST VORTAC		TIFME (TF) (FO) (RNP 2.00)		226.03 / 38.68				10000									
MRF VOR/DME		TIFME (TF) (FO) (RNP 2.00)		039.34 / 25.44				10000									
TIFME (IF/IAF)		RUWEL (TF) (FB) (RNP 1.00)		193.73 / 6.00				6500									
RUWEL (FAF)		RW19 (MAP) (TF) (FO) (RNP 0.30)		193.70 / 6.31				6500									
RW19 (MAP)		5200 MSL (CA)		193.70				5200		ADDITIONAL FLIGHT DATA: HOLD NE, LT, 232.83 INBOUND. CHART FAS OBST: 4642 TREE 302430N/1033930W. DISTANCE TO THLD FROM 481 HAT: 1.49 NM. CHART VDP AT 2.21 NM TO RW19* *LNAV ONLY. WAAS CHANNEL # 77923 REFERENCE PATH ID: W19A CHART CIRCLING ICON. LTP HAE: 1335.2 M							
5200 MSL		ODKAE (DF) (FO) (RNP 1.00)						9000									
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-01.																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N TIFME, RT, 193.73 INBOUND, 8000 FT. IN LIEU OF PT (IAF) 3. FAC: 193.70 FAF: RUWEL DIST FAF TO MAP: 6.31 THLD: 6.31 4. MIN. ALT: TIFME 8000, RUWEL 6500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6500 GS ALT AT: RUWEL 6500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW19 9100														MAG VAR: 9E		EPOCH YEAR: 1990	
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	4964	1 3/8	482	4964	1 3/8	482	4964	1 3/8	482		NA						
LNAV/VNAV DA	5125	1 7/8	643	5125	1 7/8	643	5125	1 7/8	643		NA						
LNAV MDA	5180	1	730	5180	1	730	5180	2	730		NA						
CIRCLING	5180	1	666	5460	1 1/4	946	5760	3	1246		NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 54C (130F). @ CAT B 1000-2, CAT C 1300-3 CHART NOTE: CIRCLING NA W OF RWY 1-19. CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																	
CITY AND STATE		ELEVATION: 4514 TDZE: 4482				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ALPINE, TX		AIRPORT NAME: ALPINE-CASPARIS MUNI						RNAV (GPS) RWY 19, AMDT 1 1 FEBRUARY 2018				AMDT: ORIG-A					
												DATED 09/18/2014					

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

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CITY AND STATE
ALPINE, TX

ELEVATION: 4514 TDZE: 4482
AIRPORT NAME:
ALPINE-CASPARIS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19, AMDT 1
1 FEBRUARY 2018

SUP: **QUALITY
10
CHECKED**
AMDT: **ORIG-A**
DATED: **09/18/2014**

**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	E38
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	302326.2600N
LTP/FTP LONGITUDE	1034045.8490W
LTP/FTP ELLIPSOIDAL HEIGHT	+13352
FPAP LATITUDE	302203.8550N
FPAP LONGITUDE	1034125.5615W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	C4D0D8DC
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+13562
FPAP ORTHOMETRIC HEIGHT	+13562

CITY AND STATE

ALPINE, TX

ELEVATION: 4514

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ALPINE-CASPARIS MUNI

 FACILITY
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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, AMDT 1

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