

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW23  (DO NOT EXCEED 165 KIAS UNTIL ODKAE) CLIMB TO 5400 THEN CLIMBING LEFT TURN TO 9000 DIRECT ODKAE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.  ADDITIONAL FLIGHT DATA: FAS OBST: 4699 AAO 302531N/1033532W. OBST: 4879 AAO 302530N/1033412W DISTANCE TO THLD FROM 517 HAT: 1.61 NM. CHART VDP AT 2.84 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 50234 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: 1334.7 M							
FST VORTAC		ODKAE (TF) (FO) (RNP 2.00)		213.00 / 36.82		10000									
MRF VOR/DME		ODKAE (TF) (FO) (RNP 2.00)		056.72 / 28.65		10000									
ODKAE (IF/IAF)		JOLKU (TF) (FB) (RNP 1.00)		232.83 / 7.00		6500									
JOLKU (FAF)		RW23 (MAP) (TF) (FO) (RNP 0.30)		232.76 / 6.32											
RW23 (MAP)		5400 MSL (CA)		232.76		5400									
5400 MSL		ODKAE (DF) (FO) (RNP 1.00)				9000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE ODKAE, LT, 232.83 INBOUND, 8000 FT. IN LIEU OF PT (IAF) 3. FAC: 232.76 FAF: JOLKU DIST FAF TO MAP: 6.32 THLD: 6.32 4. MIN. ALT: ODKAE 8000, JOLKU 6500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6500 GS ALT AT: JOLKU 6500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW23 9000										MAG VAR: 9E		EPOCH YEAR: 1990			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				@							
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	4999	1 3/8	517	4999	1 3/8	517	4999	1 3/8	517		NA				
LNAV/VNAV DA	5087	1 3/4	605	5087	1 3/4	605	5087	1 3/4	605		NA				
LNAV MDA	5400	1 1/4	918	5400	1 1/4	918	5400	2 1/2	918		NA				
CIRCLING	5400	1 1/4	886	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 A 900-2, CAT B 1000-2, CAT C 1300-3 CHART NOTE: CIRCLING NA W OF RWY 1-19. CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FST VORTAC AIRWAY RADIALS 273 CW 283.															
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 23, ORIG 1 FEBRUARY 2018				SUP: AMDT: NONE DATED					

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

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	E38
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	302320.0720N
LTP/FTP LONGITUDE	1034037.9665W
LTP/FTP ELLIPSOIDAL HEIGHT	+13347
FPAP LATITUDE	302237.7355N
FPAP LONGITUDE	1034208.6680W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

C1000026

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+13557
FPAP ORTHOMETRIC HEIGHT	+13557

QUALITY  
10  
CHECKED

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 23, ORIG

1 FEBRUARY 2018

SUP:

AMDT:

NONE

DATED: