

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR 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
APN VORTAC	UFORE (FO)	005.90 / 11.98	2500
RNAND (IAF)	UFORE (NOPT) (FB)	108.96 / 5.01	2500
UFORE (IF/IAF)	LOGOQ (FB)	186.80 / 6.10	2500

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW19

CLIMB TO 2800 DIRECT JEGOB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 006.80 INBOUND.  
CHART FAS OBST: 750 TREE 450529N/0833326W  
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.  
CHART VDP AT 0.95 MILES TO RW19\* \*LNAV ONLY.  
WAAS CHANNEL # 53717  
REFERENCE PATH ID: W19A  
CHART: PIKE WEST MOA

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD N UFORE, RT, 186.80 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 186.80 FAF: LOGOQ DIST FAF TO MAP: 5.47 THLD: 5.47
- MIN. ALT: UFORE 2500, LOGOQ 2500, NOFHY/1.80 NM TO RW19 1300\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: LOGOQ 2500 OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
- MSA FROM: RW19 3500

MAG VAR: 7W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	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		933	3/4	250	933	3/4	250	933	3/4	250	933	3/4	250			
LNAV/VNAV DA		1020	1 1/4	337	1020	1 1/4	337	1020	1 1/4	337	1020	1 1/4	337			
LNAV MDA		1020	1	337	1020	1	337	1020	1	337	1020	1	337			
CIRCLING		1120	1	430	1140	1	450	1140	1 1/2	450	1240	2	550			

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT APN VORTAC ON V78 SOUTHEAST BOUND.

CITY AND STATE	ELEVATION: 690 TDZE: 683	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 03 JUN 2010	SUP:
ALPENA, MI	AIRPORT NAME: ALPENA COUNTY RGNL			AMDT: NONE
				DATED

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KAPN  
RUNWAY RW19  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR 0  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W19A  
LTP/FTP LATITUDE 450522.6565N  
LTP/FTP LONGITUDE 0833341.3650W  
LTP/FTP ELLIPSOIDAL HEIGHT +01718  
FPAP LATITUDE 450353.5700N  
FPAP LONGITUDE 0833340.9300W  
THRESHOLD CROSSING HEIGHT (TCH) 00050.0  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 0008  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

A05488D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +02082  
FPAP ORTHOMETRIC HEIGHT +02082

QUALITY  
2  
CHECKED

CITY AND STATE ALPENA, MI	ELEVATION: 690 TDZE: 683 AIRPORT NAME: ALPENA COUNTY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 03 JUN 2010	SUP:
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[illegible]

QUALITY

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KAPNK5GRW19	0090011868	N45052266W083334137+0000											
-----													
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KAPNK5PR19	RW19 001 0000W19A0N4505226565W08333413650+017180300N4503535700W08333409300106750008000500F400500A05488D3												
SUSAP KAPNK5PR19	RW19 002E	+02082+02082LPV											
-----													
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KAPNK5SRW19 K5PG	0	18018003525										M	



CITY AND STATE  
ALPENA, MI

ELEVATION: 690 TDZE: 683  
AIRPORT NAME:  
ALPENA COUNTY RGNL

FACILITY  
IDENTIFIER:  
RNAV

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