

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
1S3	RNAV (GPS) RWY 27	2A	FORSYTH	MT		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
2729	2728	RNAV (GPS) RWY 27	2	05/26/2016	9E	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		14 MAY 2026	ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ASHLI	IAF	ATIZO		TF	FB	1.00	217.43	5.69	4900
ATIZO	IF	ALOSY		TF	FB	1.00	267.65	6.48	3900
ALOSY	FAF	RW27	MAP	TF	FO	0.30	267.54	3.52	
RW27	MAP	2978 MSL		CA			267.54		
2978 MSL		FREYA		DF	FB	1.00			
FREYA		CONUK		TF	FO	1.00	217.67	11.81	6000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 DIRECT FREYA AND ON TRACK 217.67 TO CONUK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ATIZO
- FAC: 267.54 FAF: ALOSY DIST FAF TO MAP: 3.52 DIST FAF TO THLD: 3.52
- MIN ALT: ATIZO 4900, ALOSY 3900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.65 GS ANT: MM: IM:
- MIN GP INCPT: 3900 GP ALT AT PFAF: ALOSY 3900
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 51.0
- MSA FROM: RW27 6100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ASHLI ON V2-465 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 244.81 INBOUND.
CHART FAS OBST: 2789 TRANSMISSION_LINE (30-084865) 461602N/1063416W.
CHART VDP AT 0.89 NM TO RW27.
WAAS CHANNEL # 78125
REFERENCE PATH ID: W27A
LTP HAE: 816.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	2978	1	250	2978	1	250	2978	1	250	2978	1	250			
LNAV/VNAV DA	2978	1	250	2978	1	250	2978	1	250	2978	1	250			
LNAV MDA	3040	1	312	3040	1	312	3040	1	312	3040	1	312			
CIRCLING	3160	1	431	3380	1	651	3380	1 3/4	651	3700	3	971			

CHANGES - REASONS

1. NOTES: ADDED PBN REQUIREMENTS NOTE. - UPDATED TO NAVSPEC - SENSOR FORMAT PER CRITERIA
2. NOTES: BARO-VNAV SYSTEMS NOTE CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 53C (128F)" TO " FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C". - REMOVED DEGREES FAHRENHEIT TO COMPLY WITH LATEST CRITERIA PHRASEOLOGY
3. NOTES: REMOVED DME/DME RNP-0.3 NA. - NOTE NO LONGER REQUIRED BY CRITERIA
4. NOTES: MOVED BACKUP ALTIMETER SETTING NOTE TO THE GENERAL REMARKS SECTION ON FORM 8260-9. - 1S3 AWOS IS NOW ON WMSCR
5. NOTES: UPDATED VDP AND BARO-VNAV NA NOTE FROM "VDP AND BARO-VNAV NA WHEN USING MILES CITY ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING MLS ALTIMETER SETTING". - PHRASEOLOGY BROUGHT UP TO CURRENT CRITERIA AND NOTE MOVED TO THE GENERAL REMARKS ON FORM 8260-9
6. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "2779 APBN (K1S3T0004) 461602N/1063645W" TO "2789 TRANSMISSION_LINE (30-084865) 461602N/1063416W". - UPDATED PROCEDURE OBSTACLE EVALUATION
7. MINIMUMS: ALTERNATE: CHANGED FROM "NA" TO "STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE". - 1S3 AWOS NOW ON WMSCR
8. MINIMUMS: FINAL TYPE: CIRCLING: CAT B MDA/HAA CHANGED FROM "3320/591" TO "3380/651". - CLEARS NOTAM, NEW CONTROLLING OBSTACLE PREVIOUSLY IDENTIFIED
9. MINIMUMS: FINAL TYPE: CIRCLING: CAT C MDA/HAA CHANGED FROM "3340/611" TO "3380/651". - CLEARS NOTAM, CIRCLING CAT C RAISED TO ALIGN WITH CIRCLING CAT B MDA/HAA



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER: ZLC, AMGR

FLIGHT CHECKED BY

RUSSELL ROSLEWSKI

Digitally signed by

ROBERT G HAMILTON

Feb 05, 2026

OFFICE

AJF

DATE

02/03/2026

DEVELOPED BY

BRYANT SMITH

Digitally signed by

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Feb 05, 2026

OFFICE

AJV-A433

DATE

09/23/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 05, 2026

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	1S3
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	461613.4710N
LTP/FTP LONGITUDE	1063652.1170W
LTP/FTP ELLIPSOIDAL HEIGHT	+08161
FPAP LATITUDE	461623.5030N
FPAP LONGITUDE	1063859.7425W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3AF7513C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+08314
FPAP ORTHOMETRIC HEIGHT	+08314

