

**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.

AIRPORT ID IGM	PROCEDURE NAME RNAV (GPS) Z RWY 21	ORIGINAL/AMENDMENT ORIG-D	CITY KINGMAN	STATE AZ
AIRPORT ELEVATION 3449	TDZE 3403	SUPERSEDED RNAV (GPS) Z RWY 21	DATED 03/31/2016	MAG VAR 12E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 26 DECEMBER 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2010
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BEYMI		CIVAT		TF	FB	1.00	303.32	8.74	8900
CIVAT	IAF	JAKLO		TF	FB	1.00	303.18	5.00	7200
DOMMS	IAF	JAKLO		TF	FB	1.00	123.07	8.30	7200
JAKLO	IF	JAMVU	PFAF	TF	FB	1.00	213.14	6.13	6300
JAMVU	PFAF	RW21	MAP	TF	FO	0.30	213.09	8.77	
RW21	MAP	3678 MSL		CA			213.09		
3678 MSL		IRDUQ		DF	FB	1.00			
IRDUQ		TOPRY		TF	FB	1.00	302.91	9.00	
TOPRY		PRFUM		TF	FO	1.00	028.76	23.05	9000

MISSED APPROACH

MAP:

LPV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 9000 DIRECT IRDUQ AND ON TRACK 302.91 TO TOPRY AND ON TRACK 028.76 TO PRFUM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT JAKLO
- FAC: 213.09 PFAF: JAMVU DIST PFAF TO MAP: 8.77 DIST PFAF TO THLD: 8.77
- MIN ALT: JAKLO 7200, JAMVU 6300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 275 HAT: 0.73 GS ANT:
- MIN GP INCPT: 6300 GP ALT AT PFAF: JAMVU 6300 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0
- MSA FROM: RW21 9700

QUALITY
13
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BEYMI ON V105 EAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 150.00 INBOUND.
WAAS CHANNEL # 70612
REFERENCE PATH ID: W21A
LTP HAE: 1006.5 M

MINIMUMS:

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

ALTERNATE: NA

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	3678	1	275	3678	1	275	3678	1	275	3678	1	275			

CHANGES - REASONS

- INCORPORATED CHANGES FROM ALL PREVIOUS P-NOTAMS INTO FORM – IAW 8260-19J PARA 8-3-4.C (3).
- MISSED APPROACH: UPDATED "CLIMB TO 9000 DIRECT IRDUQ AND VIA TRACK 302.91 TO TOPRY AND VIA TRACK 028.76 TO PRFUM AND HOLD" TO "CLIMB TO 9000 DIRECT IRDUQ AND TRACK 302.91 TO TOPRY AND TRACK 028.76 TO PRFUM AND HOLD" - REMOVED VIA IAW 8260.19J 8-6-6.D.11.
- PROFILE LINE 1: REMOVED "NA" - NO LONGER REQUIRED, UPDATE TO NEW FORM AND IAW 8260.19J 8-6-7.A.3.
- PROFILE LINE 3: ADDED PFAF "JAMVU" AND DISTANCE PFAF TO MAP "8.77" - IAW 8260.19J 8-6-7.C.
- PROFILE LINE 5: UPDATED "250 HAT: 0.67" TO "275 HAT: 0.73" - LOCATION UPDATED FROM ADDITIONAL FLIGHT DATA AND IAW 8260-19J PARA 8-6-7.F.
- PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19J 8-6-7.G.3.
- PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.19I, PARA 8-6-8.B.2 AND CLEARS T-NOTAM 4/1394.
- NOTES: REMOVED "CHART NOTE: DME/DME RNP -0.3 NA" - NO LONGER REQUIRED.
- NOTES: UPDATED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BEYMI VIA V105 EAST BOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BEYMI ON V105 EAST BOUND" - IAW 8260.19J 8-2-5.E
- MINIMUMS: UPDATED LPV DA/HAT FROM "3653/250" TO "3678/275" - NEW CONTROLLING OBSTACLE, CLEARS T-NOTAM 4/1394.
- CRC REMAINDER: UPDATED FROM "8D1CF701" TO "53ACB1BA" - FPAP LAT/LONG UPDATED FROM "351449.9800N/1135711.9100W" TO "351449.9890N/1135711.9110W" AND LTP/FTP ELLIPSOIDAL HEIGHT FROM "+10066" TO "+10065" AND LTP/FTP LAT LONG UPDATED FROM "351553.075N/1135554.9605W" TO "351553.0755N/1135554.9615W".



AIRPORT ID
IGM

PROCEDURE NAME
RNAV (GPS) Z RWY 21

ORIGINAL/AMENDMENT
ORIG-D

CITY
KINGMAN

STATE
AZ

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: AMGR, ZLA

FLIGHT CHECKED BY

THOMAS E MOLOKIE

Digitally signed by

ROBERT G HAMILTON

Nov 06, 2024

OFFICE

AJF

DATE

10/31/2024

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Digitally signed by

ROBERT G HAMILTON

Nov 06, 2024

OFFICE

AJV-A433

DATE

05/15/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Nov 06, 2024

OFFICE

AJV-A433

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KIGM
RW21
0
Z
0
W21A
351553.0755N
113554.9615W
+10065
351449.9890N
1135711.9110W
00045.0
F
03.00
106.75
0672
40.0
50.0

CRC REMAINDER

53ACB1BA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K2
+10347
+10347

