

**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 VJI	PROCEDURE NAME RNAV (GPS) RWY 24	ORIGINAL/AMENDMENT 3	CITY ABINGDON	STATE VA		
AIRPORT ELEVATION 2087	TDZE 2087	SUPERSEDED RNAV (GPS) RWY 24	ORIGINAL/AMENDMENT 2	DATED 10/12/2017	MAG VAR 5W	EPOCH YEAR 1995
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 31 OCTOBER 2024	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-22.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
STOVE		ZOLUB		TF	FB	1.00	272.08	13.89	6600
HORAL		HOWER		TF	FB	1.00	039.23	16.36	6700
HOWER		KURRU		TF	FO	1.00	039.05	10.00	5100
MIFJU	IAF	KURRU	NOPT	TF	FB	1.00	200.94	5.00	5100
ZOLUB	IAF	KURRU	NOPT	TF	FB	1.00	305.06	6.00	5100
KURRU	IF/IAF	AKQON		TF	FB	1.00	241.14	6.48	4000
AKQON	FAF	VIMIW/2.83 NM TO RW24		TF	FB	0.30	241.10	2.56	
VIMIW/2.83 NM TO RW24		RW24	MAP	TF	FO	0.30	241.10	2.83	
RW24	MAP	2900 MSL		CA			241.10		2900
2900 MSL		KURRU		DF	FO	1.00			7300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 7300 DIRECT KURRU AND HOLD, CONTINUE CLIMB-IN-HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
39
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E KURRU, LT, 265.00 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 7300.														
3.	FAC:	241.10	FAF:	AKQON	DIST FAF TO MAP:	5.48	DIST FAF TO THLD:	5.48							
4.	MIN ALT:	KURRU 5100, AKQON 4000, VIMIW/2.83 NM TO RW24 3100													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		364 HAT:	0.92	GS ANT:				
6.	MIN GP INCPT:	4000	GP ALT AT PFAF:	AKQON 4000					OM:		MM:		IM:		
7.	GP ANGLE:	3.25	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	51.0							
8.	MSA FROM:	RW24 7000													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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 -19°C OR ABOVE 54°C.
CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
PROCEDURE NA FOR ARRIVALS AT HORAL ON T423 SOUTH BOUND.
PROCEDURE NA FOR ARRIVALS AT HORAL ON T215 SOUTHEAST BOUND
PROCEDURE NA FOR ARRIVALS AT STOVE ON V133 SOUTHEAST BOUND.
PROCEDURE NA FOR ARRIVALS AT MIFJU ON V466 NORTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 2472 TREE (51-087134) 364326N/0815918W.
2687 AAO 364442N/0815700W.
CHART VDP AT 1.87 NM TO RW24.
WAAS CHANNEL # 77827
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
LTP HAE: 605.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, 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	2451	1	364	2451	1	364	2451	1	364	2451	1	364			
LNAV/VNAV DA	2682	1 5/8	595	2682	1 5/8	595	2682	1 5/8	595	2682	1 5/8	595			
LNAV MDA	2760	3/4	673	2760	3/4	673	2760	1 3/4	673	2760	1 3/4	673			
CIRCLING	2860	1	773	2860	1	773	2860	2 1/4	773	3080	3	993			



CHANGES - REASONS

1. FDC NOTAM 2/9348 AND P-NOTAM INCORPORATED INTO AMENDMENT 3.
2. TERMINAL ROUTES: FEEDER FROM HMV VORTAC TO KURRU REPLACED WITH HORAL TO STEP DOWN FIX HOWER TO KURRU - MHV VORTAC REMOVED DUE TO DECOMMISSION IN FUTURE, FPT/AIRPORT REQUEST.
3. TERMINAL ROUTES: KURRU TO AKQON COURSE CHANGED FROM 241.15 TO 241.14, AKQON TO VIMIW/2.83 NM TO RW24 COURSE/DISTANCE CHANGED FROM 241.09/2.82 TO 241.10/2.24, VIMIW/2.83 NM TO RW24 TO RW 24 AND CA LEG COURSE CHANGED FROM 241.09 TO 241.10 - FAF AKQON MOVED FOR ALIGNMENT PER FPT.
4. TERMINAL ROUTES: FAF TO SDF SEGMENT CHANGED FROM "AKQON" TO "VIMIW/3.00 NM TO RW24" TO "AKQON" TO "VIMIW/2.83 NM TO RW24," AKQON TO VIMIW/2.83 NM TO RW24 DISTANCE CHANGED FROM "2.24" TO "2.65," AND VIMIW/2.83 NM TO RW24 TO RW24 DISTANCE CHANGED FROM "3.00" TO "2.83" – VIMIW MOVED TO ALIGN VAA WITH FAC.
5. MISSED APPROACH INSTRUCTIONS: UPDATED FORM "CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 5100 DIRECT KURRU AND HOLD" TO "CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 7300 DIRECT KURRU AND HOLD, CONTINUE CLIMB-IN-HOLD" – NEW OBSTACLE EVALUATION REQUIRING CLIMB-IN-HOLD.
6. PROFILE LINE 3: FAC CHANGED FROM 241.09 TO 241.10 - FAF AKQON MOVED FOR ALIGNMENT PER FPT.
7. PROFILE LINE 4: UPDATED MIN ALT FROM "VIMIW/3.00 NM TO RW24" TO "VIMIW/2.83 NM TO RW24" REMOVED ASTERISK – VIMIW MOVED TO ALIGN VAA, ASTERISK NO LONGER REQUIRED PER CRITERIA.
8. PROFILE LINE 7: CHANGED 34:1 IS CLEAR TO IS NOT CLEAR AND ADDED 20:1 IS CLEAR - NEW OBSTACLE EVALUATION AND IAW 8260.19I 8-6-7.
9. PROFILE LINE 7: CJAMGED GP ANGLE AND TCH FROM "3.00/58.0" TO "3.20/51.0" – FAF MOVED FOR ALIGNMENT PER FPT REQUEST.
10. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - IAW 8260.19I 8-6-8.
11. NOTES: REMOVED DME/DME RNP-0.3 NA - NO LONGER REQUIRED IAW 8260.19I 8-6-8.
12. NOTES: UPDATED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 53C (127F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C" – IAW 8260.19I 8-6-9.
13. NOTES: UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON HMV VORTAC AIRWAY RADIALS 321 CW 108, AND ARRIVALS AT MIFJU ON V466 NORTHEAST BOUND, AND ARRIVALS AT STOVE ON V133 SOUTHEAST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT HORAL ON T423 SOUTH BOUND," "PROCEDURE NA FOR ARRIVALS AT HORAL ON T215 SOUTHEAST BOUND," "PROCEDURE NA FOR ARRIVALS AT STOVE ON V133 SOUTHEAST BOUND," AND "PROCEDURE NA FOR ARRIVALS AT MIFJU ON V466 NORTHEAST BOUND." - UPDATED AIRWAYS, SEPARATED NOTES IAW 8260.19J AND MEMO #290 ATTACHMENT 4.
14. NOTES: ADDED RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - CLEARS PART OF FDC NOTAM 2/9348, IAW 8260.19I 8-6-11.
15. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "2499 TREE 364325N/0815918W" TO "2472 TREE (51-087134) 364326N/0815918W" - NEW OBSTACLE EVALUATION WITH UPDATED AIRPORT SURVEY, IAW 8260.19I 8-6-10.
16. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP AT: FROM "1.18 NM TO RW24*" TO "1.87 NM TO RW24" – ASTERISK NO LONGER REQUIRED, UPDATED VGSI.
17. MINIMUMS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINIMUMS - IAW 8260.19I 8-6-11 AND MEMO ATTACHMENT 4.
18. MINIMUMS: LPV DA/HAT CHANGED FROM 2337/250 TO 2451/364 - NEW OBSTACLE EVALUATION WITH UPDATED SURVEY IDENTIFIED NEW FINAL CONTROLLING OBSTACLE.
19. MINIMUMS: LNAV/VNAV DA/HAT CHANGED FROM 2525/438 TO 2682/595 AND VISIBILITY INCREASED FROM 1 1/4 TO 1 5/8 - NEW OBSTACLE EVALUATION WITH UPDATED SURVEY, NEW CONTROLLING OBSTACLE.
20. FAS DATA: FPAP LAT/LONG CHANGED FROM 364036.0600N/0820309.0800W TO 364036.0665N/0820309.0870W, LENGTH OFFSET CHANGED FROM 1384 TO 1072, TCH/GPA CHANGED FROM "3.00/51.0" TO "3.25/51.0" AND CRC REMAINDER CHANGED FROM 4948E2E2 TO 5D62D910 - UPDATED AIRNAV DATA WITH NEW SURVEY.
21. NOTES: ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B VISIBILITY TO 1 3/4 SM" – IAW 8260.3E TABLE 3-3-1 AND THE INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.
22. NOTES: ADDED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV" – IAW 8260.3E TABLE 3-3-1 AND THE INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE.

8/19/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/28/24.

1. UPDATED PROFILE LINE 2 FROM: "HOLD E KURRU, LT, 265.00 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD E KURRU, LT, 265.00 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 7300."

9/24/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/20/2024.

1. TERMINAL ROUTES: UPDATED KURRU TO AKQON DISTANCE FROM "6.39" TO "6.48."
2. TERMINAL ROUTES: UPDATED AKQON TO VIMIW DISTANCE FROM "2.65" TO "2.56."
3. TERMINAL ROUTES: UPDATED ROUTE FROM "VIMIW/3.00 NM TO RW24" TO "VIMIW/2.83 NM TO RW24."



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZTL, TRI APCH CNTRL, AMGR

<div>FLIGHT CHECKED BY</div> <div>JEREMY RYAN VIRT</div>	<div>Digitally signed by</div> <div>ERIC N SUSKI</div> <div>Sep 24, 2024</div>	<div>OFFICE</div> <div>FIOG</div>	<div>DATE</div> <div>08/14/2024</div>	
<div>DEVELOPED BY</div> <div>ERIC N SUSKI (JUDITH TUTTLE)</div>	<div>Digitally signed by</div> <div>ERIC N SUSKI</div> <div>Sep 24, 2024</div>	<div>OFFICE</div> <div>AJV-A431</div>	<div>DATE</div> <div>03/28/2024</div>	
<div>APPROVED BY</div> <div>ERIC N SUSKI</div>	<div>Digitally signed by</div> <div>ERIC N SUSKI</div> <div>Sep 24, 2024</div>	<div>OFFICE</div> <div>AJV-A431</div>	<div>DATE</div> <div></div>	<div>TITLE</div> <div>MANAGER</div>

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVJI
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	364125.9170N
LTP/FTP LONGITUDE	0820137.2190W
LTP/FTP ELLIPSOIDAL HEIGHT	+06053
FPAP LATITUDE	364036.0665N
FPAP LONGITUDE	0820309.0870W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.25
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5D62D910

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+06362
FPAP ORTHOMETRIC HEIGHT	+06362

