

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> ORT/PAOR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> NORTHWAY	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 1720	<u>TDZE</u> 1719	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 06/17/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>REQUIRED EFFECTIVE DATE</u> 07/11/2024	<u>MAG VAR</u> 17E
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JUTBU		YEDNU		TF	FB	1.00	077.29	45.25	9600
YEDNU		WIRIS		TF	FB	1.00	348.75	15.88	5200
CIMGO		UFFOL		TF	FB	1.00	064.91	25.96	6100
UFFOL	IAF	NICIP		TF	FB	1.00	149.93	9.00	4900
WIRIS	IAF	NICIP		TF	FB	1.00	309.67	7.00	4900
NICIP	IF	HUBOM		TF	FB	1.00	239.54	6.12	4200
HUBOM	FAF	ZODEL/2.84 NM TO RW24		TF	FB	0.30	239.34	4.84	
ZODEL/2.84 NM TO RW24		RW24	MAP	TF	FO	0.30	239.34	2.84	
RW24	MAP	2300 MSL		CA			239.34		2300
2300 MSL		CIMGO		DF	FO	1.00			7400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 7400 DIRECT CIMGO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT NICIP														
3.	FAC:	239.34	FAF:	HUBOM	DIST FAF TO MAP:	7.68	DIST FAF TO THLD:	7.68							
4.	MIN ALT: NICIP 4900, HUBOM 4200, ZODEL/2.84 NM TO RW24 2660														
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:		250 HAT:	0.67	GS ANT:						
6.	MIN GP INCPT:	4200	GP ALT AT PFAF:	HUBOM 4200			OM:		MM:					IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	36.0							
8.	MSA FROM: RW24 7600														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YEDNU ON V444 AND T372 SOUTHEAST BOUND.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CIMGO ON V444-T232 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUTBU ON V456 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 286.54 INBOUND.
CHART FAS OBST: 1843 TREE (02-073846) 625712N/1415428W.
2880 AAO 630008N/1413846W.
CHART VDP AT 1.08 NM TO RW24.
WAAS CHANNEL # 48924
REFERENCE PATH ID: W24A
LTP HAE: 535.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD;

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	1969	3/4	250	1969	3/4	250	1969	3/4	250	1969	3/4	250			
LNAV/VNAV DA	2004	7/8	285	2004	7/8	285	2004	7/8	285	2004	7/8	285			
LNAV MDA	2100	1	381	2100	1	381	2100	1 1/8	381	2100	1 1/8	381			
CIRCLING	2160	1	440	2180	1	460	2240	1 1/2	520	2340	2	620			



AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ORT/PAOR	RNAV (GPS) RWY 24	2	NORTHWAY	AK

CHANGES - REASONS

1. AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025". CHANGED ALL COURSES TO MATCH MAGVAR UPDATE. RUNWAY NUMBER CHANGED FROM 23 TO 24 - IAW 8260-19I 8-3-4 AND TABLE 8-3-1.
2. TERMINAL ROUTE UPDATE: REMOVED FEEDER ROUTE CIMGO TO NICIP COURSE/DISTANCE/ALTITUDE 076.34/28.32/5800 - PER FPT CHECKLIST.
3. TERMINAL ROUTE UPDATE: CHANGED FEEDER ROUTE JUTBU TO YEDNU COURSE FROM 070.29 TO 077.29. DISTANCE CHANGED FROM 45.26 TO 45.25 - AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025"PER FPT CHECKLIST.
4. TERMINAL ROUTE UPDATE: CHANGED FEEDER ROUTE FROM YEDNU TO WIRIS COURSE FROM 314.74 TO 348.75. DITSANCE CHANGED FROM 15.87 TO 15.88 - AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025"
5. TERMINAL ROUTE UPDATE: ADDED INITIAL ROUTE FROM "UFFOL – NICIP", COURSE/DISTANCE 149.93/9.00 - FPT REQUEST.
6. TERMINAL ROUTE UPDATE: CHANGED INITIAL ROUTE WIRIS TO NICIP COURSE FROM 302.67 TO 309.67 - AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025".
7. TERMINAL ROUTE UPDATE: CHANGED INTERMEDIATE ROUTE NICIP TO HUBOM COURSE/DISTANCE/ALTITUDE FROM 232.54/6.73/4000 TO 239.54/6.12/4200 - HUBOM MOVED 0.31 NM EAST. HUBOM ALTITUDE CHANGED FROM 4100 TO 4200.
8. TERMINAL ROUTE UPDATE: LNAV FINAL STEPDOWN ROUTE FROM HUBOM TO "ZODEL/2.90 NM TO RW24" CHANGED TO "ZODEL/2.84 NM TO RW24"". COURSE/DISTANCE CHANGED FROM 232.32/4.17 TO 239.34/4.84 - AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025"/RW NUMBER CHANGED FROM 23 TO 24/HUBOM MOVED 0.31 NM EAST.
9. TERMINAL ROUTE UPDATE: CHANGED LNAV FINAL STEPDOWN ROUTE FROM "ZODEL/2.90 NM TO RW24" CHANGED TO "ZODEL/2.84 NM TO RW24"" TO RW24. COURSE/DISTANCE 232.19/2.90 TO 239.34/2.84 - AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025"/RW NUMBER CHANGED FROM 23 TO 24/ ZODEL MOVED 0.06 NM WEST.
10. TERMINAL ROUTE UPDATE: REMOVED MA ROUTE FROM RW23 TO 2115 MSL, COURSE 232.19. ADDED RW24 TO 2300 MSL, COURSE 239.34 - RW NUMBER CHANGED FROM 23 TO 24/NEW CONTROLLING OBSTACLE UPDATE.
11. TERMINAL ROUTE UPDATE: REMOVED MA ROUTE FROM 2115 MSL TO IKUXE AND FROM IKUXE TO CIMGO, COURSE/DISTANCE/ALTITUDE 299.28/12.83/8000 - NEW MA INSTRUCTION UPDATE PER FPT.
12. TERMINAL ROUTE UPDATE: ADDED MA DF LEG ROUTE 2300 MSL TO CIMGO, ALTITUDE 7400 - MA INSTRUCTION UPDATE PER FPT. NEW CONTROLLING OBSTACLE.
13. MA INSTRUCTION CHANGED FROM CLIMB TO 8000 DIRECT IKUXE AND ON TRACK 299.28 TO CIMGO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000 TO CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 7400 DIRECT CIMGO AND HOLD, CONTINUE CLIMB AND HOLD TO 7400 - MA INSTRUCTION UPDATE PER FPT. NEW CONTROLLING OBSTACLE EVALUATION UPDATE.
14. PROFILE LINE 2 UPDATE: REMOVED HOLD NE NICIP, RT, 232.54 INBOUND, 4900 FT. IN LIEU OF PT (IAF) - PER FPT REQUEST.
15. PROFILE LINE 3 UPDATE: CHANGED FAC FROM 232.32 TO 239.34. DIST FAF TO MAP/THLD CHANGED FROM 7.07 TO 7.68 - HUBOM MOVED 0.30 NM EAST. AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025.
16. PROFILE LINE 4 UPDATE: CHANGED MIN ALT FROM "NICIP 4900, HUBOM 4000, ZODEL/2.90 NM TO RW23 2660" TO "NICIP 4900, HUBOM 4200, ZODEL/2.84 NM TO RW24 2660" - HUBOM MOVED 0.31 NM EAST/ RW NUMBER CHANGED FROM 23 TO 24/NEW LNAV CONTROLLING OBSTACLE UPDATE.
17. LINE 5 UPDATE: ADDED "250 HAT:0.67" - LPV ADDED TO THE PROCEDURE.
18. LINE 6 UPDATE: ADDED MIN GP INCPT: 4200 GP ALT AT PFAF : HUBOM 4200 - LPV, LNAV/VNAV MINS ADDED.
19. LINE 7 UPDATE: ADDED GP ANGLE:3.00 AND TCH: 36.0 - LPV, LNAV/VNAV MINS ADDED.
20. LINE 7 UPDATE: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
21. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I, PARA 8-6-8B(2).
22. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018.
23. REMOVED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA - 34:1 IS CLEAR.
24. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT CIMGO ON V444 WESTBOUND" TO "PROCEDURE NA FOR ARRIVALS AT CIMGO ON V444-T232 WEST BOUND" - T232 ALSO ON THAT PORTION OF THE AIRWAY.
25. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT YEDNU ON V444 SOUTHEAST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT YEDNU ON V444 AND T372 SOUTHEAST BOUND" - T372 ALSO ON THAT PORTION OF THE AIRWAY.
26. ADDITIONAL FLIGHT DATA UPDATE: REMOVED 2649 AAO 625921N/1413905W - 7:1 OBSTACLE EVALUATION UPDATE PER TARGET RESULTS.
27. ADDITIONAL FLIGHT DATA UPDATE: REMOVED HOLD SW, LT, 057.38 INBOUND. ADDED HOLD E, RT, 286.54 INBOUND - MA INSTRUCTION CHANGED FROM CLIMB TO 8000 DIRECT IKUXE AND ON TRACK 299.28 TO CIMGO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000 TO CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 7400 DIRECT CIMGO AND HOLD, CONTINUE CLIMB AND HOLD TO 7400. AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025.
28. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART FAS OBST: 1909 TREE 625713N/1415431W, 1859 TREE 625743N/1415422W. ADDED CHART FAS OBST: 1843 TREE (02-073846) 625712N/1415428W - REMOVED LP FINAL/ NEW LNAV CONTROLLING OBSTACLE.
29. ADDITIONAL FLIGHT DATA UPDATE: CHANGED CHART VDP FROM "AT 1.17 NM TO RW23" TO "AT 1.08 NM TO RW24 - VDP RECALCULATED, RW NUMBER CHANGED FROM 23 TO 24.
30. ADDITIONAL FLIGHT DATA UPDATE: REMOVED HUBOM TO RW23: 3.00/36 - LPV/LNAV/VNAV MINS ADDED.
31. ADDED LPV DA/HAT/VIS 1969/250/1 - LPV MINS ADDED PER FPT CHECKLIST.
32. ADDED LNAV/VNAV DA/HAT/VIS 2004/285/1 - LNAV/VNAV MINS ADDED PER FPT CHECKLIST.
33. LNAV MDA/HAT ALL CATS CHANGED FROM 2160/441 TO 2100/381. VIS CAT C/D CHANGED FROM 1 3/8 TO 1 1/8 - NEW CONTROLLING OBSTACLE EVALUATION UPDATE.
34. CIRCLING CAT A MDA/HAA CHANGED FROM 2260/540 TO 2160/440. CIRCLING CAT B MDA/HAA CHANGED FROM 2260/540 TO 2180/460. CIRCLING CAT C MDA/HAA/VIS CHANGED FROM 2320/600 TO 2240/520. CIRCLING CAT D CHANGED FROM 2400/680 TO 2340/620 - NEW CONTROLLING OBSTACLE EVALUATION UPDATE.
35. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C. - LNAV/VNAV MINS ADDED.
36. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, PROCEDURE NA" - REDUNDANT WEATHER SOURCES AVAILABLE PER FPT.
37. PROCEDURE NAME CHANGED FROM "RNAV (GPS) RWY 23" TO "RNAV (GPS) RWY 24" - RUNWAY NUMBER CHANGED FROM 23 TO 24



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZAN, PAOR APT MGR.

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
ROBERT G HAMILTON
Mar 01, 2024

DEVELOPED BY
KWEKU DONKOR

Digitally signed by
KWEKU DONKOR
Feb 26, 2024

OFFICE
AJV-A433

DATE
03/08/2023

APPROVED BY
JOHNNIE BAKER III

Digitally signed by
ROBERT G HAMILTON
Mar 01, 2024

OFFICE
AJV-A430

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
PAOR
RW24
0
0
W24A
625746.2575N
1415447.5565W
+05354
625724.8920N
1415756.9465W
00036.0
F
03.00
106.75
1192
40.0
50.0

CRC REMAINDER

092E10D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

PA
+05239
+05239

