

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 6	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> NORTHWAY	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 1720	<u>TDZE</u> 1720	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>DATED</u> 06/17/2021	<u>MAG VAR</u> 17E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>REQUIRED EFFECTIVE DATE</u> 07/11/2024	<u>EPOCH YEAR</u> 2025
		<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
YEDNU		AFDUB		TF	FB	1.00	268.59	25.96	5900
JUTBU		ZIDOR		TF	FB	1.00	047.72	12.08	8800
AFDUB	IAF	BOIDS		TF	FB	1.00	329.07	4.50	5900
BOIDS		IYACI		TF	FB	1.00	329.04	4.50	4600
CIMGO	IAF	IYACI		TF	FB	1.00	147.42	11.85	4600
ZIDOR	IAF	IYACI		TF	FB	1.00	029.49	9.38	4600
IYACI	IF	LUBNE		TF	FB	1.00	058.72	6.00	3300
LUBNE	FAF	RW06	MAP	TF	FO	0.30	058.92	4.84	
RW06	MAP	2200 MSL		CA			058.92		2200
2200 MSL		CIMGO		DF	FO	1.00			4800

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 4800 DIRECT CIMGO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT IYACI														
3.	FAC:	058.92	FAF:	LUBNE	DIST FAF TO MAP:	4.84	DIST FAF TO THLD:	4.84							
4.	MIN ALT:	IYACI 4600, LUBNE 3300													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		254 HAT:	0.67	GS ANT:				
6.	MIN GP INCPT:	3300	GP ALT AT PFAF:	LUBNE 3300					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	39.0							
8.	MSA FROM:	RW06 7600													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
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 -23°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 NW, RT, 146.42 INBOUND.
FAS OBST: 1930 AAO 625603N/1420447W.
1940 AAO 625528N/1420652W.
CHART VDP AT 1.32 NM TO RW06.
WAAS CHANNEL # 65646
REFERENCE PATH ID: W06A
LTP HAE: 535.8 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	1974	3/4	254	1974	3/4	254	1974	3/4	254	1974	3/4	254			
LNAV/VNAV DA	2030	7/8	310	2030	7/8	310	2030	7/8	310	2030	7/8	310			
LNAV MDA	2180	1	460	2180	1	460	2180	1 3/8	460	2180	1 3/8	460			
CIRCLING	2180	1	460	2180	1	460	2240	1 1/2	520	2340	2	620			



CHANGES - REASONS

1. AIRPORT MAGVAR CHANGED FROM "24E/2005" TO "17E/2025". CHANGED ALL COURSES TO MATCH MAGVAR UPDATE. RUNWAY NUMBER CHANGED FROM 5 TO 6 - IAW 8260-19I 8-3-4 AND TABLE 8-3-1.
3. TERMINAL ROUTE UPDATE: ADDED FEEDER ROUTE FROM YEDNU TO AFDUB COURSE/DISTANCE/ALTITUDE 268.59/25.96/5900 - PER FPT REQUEST.
4. TERMINAL ROUTE UPDATE: ADDED FEEDER ROUTE FROM JUTBU TO ZIDOR COURSE/DISTANCE/ALTITUDE 047.72/12.08/8800 - PER FPT.
5. TERMINAL ROUTE UPDATE: REMOVED INITIAL ROUTE FROM SIVAE TO IYANE COURSE/DISTANCE/ALTITUDE 321.42/5.00/8300 - PER FPT REQUEST.
6. TERMINAL ROUTE UPDATE: REMOVED INITIAL ROUTE FROM HUMEB TO IYANE COURSE/DISTANCE/ALTITUDE 141.42/5.00/8300 - PER FPT REQUEST.
7. TERMINAL ROUTE UPDATE: REMOVED INITIAL ROUTE FROM IYANE TO KOKDE COURSE/DISTANCE/ALTITUDE 051.38/6.00/6700 - PER FPT REQUEST.
8. TERMINAL ROUTE UPDATE: ADDED INITIAL ROUTE FROM AFDUB TO BOIDS COURSE/DISTANCE/ALTITUDE 329.07/4.50/5900 - PER FPT REQUEST.
9. TERMINAL ROUTE UPDATE: ADDED INITIAL ROUTE FROM BOIDS TO IYACI COURSE/DISTANCE/ALTITUDE 329.04/4.50/4600 - PER FPT REQUEST.
10. TERMINAL ROUTE UPDATE: ADDED INITIAL ROUTE FROM ZIDOR TO IYACI COURSE/DISTANCE/ALTITUDE 029.49/9.38/4600 - PER FPT REQUEST.
11. TERMINAL ROUTE UPDATE: REMOVED INTERMEDIATE ROUTE FROM KOKDE TO LUYIP COURSE/DISTANCE/ALTITUDE 051.38/5.99/5000 - PER FPT REQUEST.
12. TERMINAL ROUTE UPDATE: ADDED INTERMEDIATE ROUTE FROM IYACI TO LUBNE COURSE/DISTANCE/ALTITUDE 058.72/6.00/3300 - PER FPT REQUEST.
13. TERMINAL ROUTE UPDATE: REMOVED FINAL ROUTE FROM LUYIP TO WEGOL/5.20 NM TO ZUPAL COURSE/DISTANCE 051.76/4.22 - PER FPT REQUEST.
14. TERMINAL ROUTE UPDATE: REMOVED FINAL ROUTE FROM WEGOL/5.20 NM TO ZUPAL TO ZUPAL COURSE/DISTANCE 051.76/5.20 - PER FPT REQUEST.
15. TERMINAL ROUTE UPDATE: ADDED FINAL ROUTE FROM LUBNE TO RW06 COURSE/DISTANCE 058.92/4.84 - PER FPT REQUEST.
16. TERMINAL ROUTE UPDATE: REMOVED FINAL ROUTE FROM ZUPAL TO ECAYI - PER FPT REQUEST
17. TERMINAL ROUTE UPDATE: REMOVED FINAL ROUTE FROM ECAYI TO UVUTE COURSE/ALTITUDE 073.71/4700 - PER FPT REQUEST
18. TERMINAL ROUTE UPDATE: ADDED MA ROUTE FROM RW06 TO 2200 MSL COURSE/ALTITUDE 058.92/2200 - PER FPT REQUEST
19. TERMINAL ROUTE UPDATE: ADDED MA ROUTE FROM 2200 MSL TO CIMGO ALTITUDE 4800 - PER FPT REQUEST
20. MA APPROACH UPDATE: CHANGED MA INSTRUCTION FROM "CLIMB TO 4700 DIRECT ECAYI AND VIA 074 DEGREE TRACK TO UVUTE AND HOLD" TO "CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 4800 DIRECT CIMGO AND HOLD" - PER FPT REQUEST.
21. LINE 2 UPDATE: REMOVED "HOLD SW IYANE, LT, 057.38 INBOUND, 8100 FT. IN LIEU OF PT (IAF), MAX 17500". ADDED PROFILE STARTS AT IYACI - HIL REMOVED PER FPT REQUEST.
22. LINE 3 UPDATE: FAC CHANGED FROM 057.76 TO 058.92. DISTANCE FAF TO MAP CHANGED FROM 9.42 NM TO 4.84 NM/DISTANCE FAF TO THLD CHANGED FROM 9.92 NM TO 4.84 NM - CHANGED FAF FROM LUYIP TO LUBNE. REMOVED ZUPAL (MAP). MAP IS NOW RW06.
23. LINE 4 UPDATE: CHANGED MIN ALT FROM "IYANE 8100, KOKDE 6700, LUYIP 4900, ZOXIT/1.51 NM TO ZUPAL 2400" TO "IYACI 4600, LUBNE 3300" - IF/IAF FIX CHANGED FROM IYANE TO IYACI. INTERMEDIATE STEPDOWN FIX KOKDE REMOVED. FAF CHANGED FROM LUYIP TO LUBNE.
24. LINE 5 UPDATE: ADDED "254 HAT:0.67" - LPV ADDED TO THE PROCEDURE.
25. LINE 6 UPDATE: ADDED MIN GP INCPT: 3300 GP ALT AT PFAF: LUBNE 3300 - LPV, LNAV/VNAV MINS ADDED.
26. LINE 7 UPDATE: ADDED GP ANGLE:3.00 AND TCH: 39.0 - LPV, LNAV/VNAV MINS ADDED.
27. LINE 7 UPDATE: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
28. LINE 8: ADDED MSA RW06 7600 - TAA REMOVED PER FPT.
29. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I, PARA 8-6-8B(2).
30. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018.
31. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19I PARA 8-6-11K(3).
32. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C. - LNAV/VNAV MINS ADDED.
33. ADDITIONAL FLIGHT DATA UPDATE: REMOVED CHART FAS OBST: 1808 TREE 625751N/1415803W. ADDED CHART FAS OBST: 1930 AAO 625603N/1420447W - NEW OBSTACLE EVALUATION UPDATE.
34. ADDITIONAL FLIGHT DATA UPDATE: ADDED 1940 AAO 625528N/1420652W - NEW OBSTACLE EVALUATION UPDATE, 7:1 OBSTACLE ADDED.
35. ADDITIONAL FLIGHT DATA UPDATE: ADDED CHART VDP AT 1.32 NM TO RW06 - LPV, LNAV/VNAV MINS ADDED.
36. ADDED LPV DA/HAT/VIS 1974/254/3/4 - LPV MINS ADDED PER FPT CHECKLIST.
37. ADDED LNAV/VNAV DA/HAT/VIS 2030/310/7/8 - LNAV/VNAV MINS ADDED PER FPT CHECKLIST.
38. LNAV MDA/HAT ALL CATS CHANGED FROM 2060/347 TO 2180/460. VIS CAT C CHANGED FROM 1 TO 1 3/8. VIS CAT D CHANGED FROM 1 1/4 TO 1 3/8 - NEW CONTROLLING OBSTACLE EVALUATION UPDATE.
39. CIRCLING CAT A/B MDA/HAA CHANGED FROM 2260/540 TO 2180/460. CIRCLING CAT C MDA/HAA/VIS CHANGED FROM 2320/600/1 1/2 TO 2240/520/1 1/2. CIRCLING CAT D MDA/HAA/VIS CHANGED FROM 2400/680/ 2/1/4 TO 2340/620/2 - NEW CONTROLLING OBSTACLE EVALUATION UPDATE.
40. CHART PLANVIEW NOTE UPDATE: ADDED PROCEDURE NA FOR ARRIVALS AT YEDNU ON V444 AND T372 SOUTHEAST BOUND - TURN EXCEEDS 90 DEGREES ON V444 AND T372.
41. CHART PLANVIEW NOTE UPDATE: ADDED PROCEDURE NA FOR ARRIVALS AT CIMGO ON V444-T232 WESTBOUND - TURN EXCEEDS 90 DEGREES ON V444-T372.
42. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUTBU ON V456 SOUTHWEST BOUND - TURN EXCEEDS 90 DEGREES ON V456.
43. ADDITIONAL FLIGHT DATA UPDATE: WAAS CHANNEL # 65646/REFERENCE PATH ID: W06A/LTP HAE: 535.8 M ADDED - LPV AND LNAV/VNAV ADDED.
44. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, PROCEDURE NA" - REDUNDANT WEATHER SOURCES AVAILABLE PER FPT.
45. ADDITIONAL FLIGHT DATA UPDATE: CHANGED MA HOLDING FROM "HOLD SE, RT, 322.36 INBOUND" TO "HOLD NW, RT, 146.42 INBOUND" - BETTER ALIGNS WITH FEEDER FROM CIMGO.
46. PROCEDURE NAME CHANGED FROM "RNAV (GPS) RWY 5" TO "RNAV (GPS) RWY 6" - RUNWAY NUMBER CHANGED FROM 5 TO 6.



COORDINATED WITH:

A4A

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ALPA

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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 27, 2024

OFFICE
AJV-A433

DATE
02/10/2023

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	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAOR
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	625734.1910N
LTP/FTP LONGITUDE	1415634.6045W
LTP/FTP ELLIPSOIDAL HEIGHT	+05358
FPAP LATITUDE	625755.5260N
FPAP LONGITUDE	1415325.1815W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4F60DFAC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+05243
FPAP ORTHOMETRIC HEIGHT	+05243

