

**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> BFZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ALBERTVILLE	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 1032	<u>TDZE</u> 1032	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 04/02/2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 140/30 CW 320/30	NOPT	140/10 CW 320/10		4100
2. 140/10 CW 320/10		DEZLY	IF/IAF	3700
3. 320/30 CW 140/30		320/10 CW 140/10		4100
4. 320/10 CW 140/10		DEZLY	IF/IAF	3700

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>
DEZLY	IF/IAF	MITNE		TF	FB	1.00	230.42	5.95	2700
MITNE	FAF	YAKUB/1.90 NM TO RW23		TF	FB	0.30	230.37	3.20	
YAKUB/1.90 NM TO RW23		RW23	MAP	TF	FO	0.30	230.37	1.90	
RW23	MAP	1282 MSL		CA			230.37		
1282 MSL		OCOQY		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3700 DIRECT OCOQY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NE DEZLY, RT, 230.42 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	230.37	FAF:	MITNE	DIST FAF TO MAP:	5.10	DIST FAF TO THLD:	5.10							
4.	MIN ALT:	DEZLY 3700, MITNE 2700, YAKUB/1.90 NM TO RW23 1680													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.65	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	MITNE 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	41.8							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD SW, LT, 050.23 INBOUND.
CHART FAS OBST: 1167 TREE 341503N/0861245W.
CHART VDP AT 1.15 NM TO RW23.
WAAS CHANNEL # 99604
REFERENCE PATH ID: W23A
LTP HAE: 285.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	1282	3/4	250	1282	3/4	250	1282	3/4	250	1282	3/4	250			
LNAV/VNAV DA	1437	1 1/8	405	1437	1 1/8	405	1437	1 1/8	405	1437	1 1/8	405			
LNAV MDA	1440	1	408	1440	1	408	1440	1 1/8	408	1440	1 1/8	408			
CIRCLING	1480	1	448	1500	1	468	1500	1 1/2	468	1680	2	648			



CHANGES - REASONS

1. AIRPORT IDENTIFIER CHANGED FROM 8A0 TO BFZ - AIRNAV DATA CHANGE.
2. MOVED ALL TAA INFORMATION FROM FAA FORM 8260-10 TO FAA FORM 8260-3 - PER FAAO 8260.19J, PARA 8-6-3., APPENDIX F AND CURRENT FORM DESIGN.
3. RAISED TAA ALTITUDES FROM "4000 FT" TO "4100 FT", CHANGED TAA STEP-DOWN ARCS FROM "15 NM" TO "10 NM", RAISED TAA STEP-DOWN 10 NM ARC ALTITUDES AT DEZLY FROM "3300 FT" TO "3700 FT" - PER ATC/DUE TO EASTERN MOUNTAINOUS TERRAIN.
4. TERMINAL ROUTES: ADDED RNP VALUES AND CHANGED INTERMEDIATE SEGMENT RNP VALUE FROM 0.5 TO 1.0 - PER FAAO 8260.58C, TABLE 1-2-1 AND CURRENT FORM DESIGN.
5. TERMINAL ROUTES: CHANGED ALL MENTION OF "YAKUB/1.84 NM TO RW23" TO "YAKUB/1.90 NM TO RW23", CHANGED SEGMENT "MITNE TO YAKUB/1.90 NM TO RWY23" DISTANCE FROM "3.27" TO "3.20" AND CHANGED SEGMENT "YAKUB/1.90 NM TO RW23 TO RW23" DISTANCE FROM "1.87" TO "1.90" - STEP-DOWN FIX MOVED 385 FT NORTHEAST DUE TO NEW CONTROLLING OBSTACLE IN PFAF TO SDF SEGMENT.
6. TERMINAL ROUTES: CHANGED SEGMENT "1282 MSL TO OCOQY" ALTITUDE FROM "3200" TO "3700" - PER ATC.
7. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3200 DIRECT OCOQY AND HOLD." TO "CLIMB TO 3700 DIRECT OCOQY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700." - AIRCRAFT DOES NOT REACH 3700 CLEARANCE LIMIT ALTITUDE AT OCOQY AND ALSO DOES NOT REACH THE ROC SURFACE ELEVATION IAW THE 8260.3E, 2-8-5. C.(3)(A).
8. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "1179 TREE 341458N/0861245W" TO "1167 TREE 341503N/0861245W" – TARGETS 7.3.3 CALCULATED USING 215 FEET FOR HORIZONTAL AND 8 FEET FOR VERTICAL ACCURACY OF 3DEP THREE ARC SECOND TERRAIN DATA PLUS 100-FOOT VEGETATION.
9. PROFILE: LINE 2 CHANGED FROM "HOLD NE DEZLY, RT, 230.42 INBOUND, 3300 FT. IN LIEU OF PT (IAF)" TO "HOLD NE DEZLY, RT, 230.42 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000." - PER FAAO 8260.19J, PARA 8-6-7. B.(2).
10. PROFILE: LINE 4 CHANGED FROM "DEZLY 3300, MITNE 2700, YAKUB/1.87 NM TO RW23 1660*" TO "DEZLY 3700, MITNE 2700, YAKUB/1.90 NM TO RW23 1680" - DEZLY ALTITUDE INCREASED PER ATC, FINAL STEP-DOWN ALTITUDE INCREASED AND ASTERISK NO LONGER REQUIRED.
11. PROFILE: LINE 7 ADDED "20:1 IS CLEAR"; AND CHANGED TCH FROM "42.0" TO "41.8" - PER FAAO 8260.19J, PARA 8-6-7. G.(3)(A); AND CHANGED TCH TO MATCH VGSI TCH.
12. ADDED "PBN REQUIREMENTS NOTE: RNP APCH-GPS" AND REMOVED "CHART NOTE: DME/DME RNP-0.3 NA." - PER FAAO 8620.19J, PARA 8-6-8.
13. DELETED PROFILE NOTE "*LNAV ONLY" - NO LONGER REQUIRED.
14. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." TO "RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 20:1 VISUAL AREA IS CLEAR AND 34:1 VISUAL AREA IS NOT CLEAR PER FAAO 8260.19J, PARA 8-6-12. K.
15. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C OR ABOVE 54C." - PER FAAO 8260.19J, PARA 8-6-10. R.
16. REMOVED BACKUP ALTIMETER NOTES FROM CHART NOTES AND ADDED CONTINGENCY ALTIMETER NOTES TO PART C GENERAL REMARKS ON FORM 8260-9 - PER FPT, FAAO 8260.19J, PARA 8-6-10. F.
17. MINIMUMS: DECREASED LPV VISIBILITY FROM "1 SM" TO "3/4 SM"; RAISED LNAV/VNAV FROM "DA 1340/HAT 308" TO "DA 1437/HAT 405" AND INCREASED LNAV/VNAV VISIBILITY FROM "1 SM" TO "1 1/8 SM" - LPV UPDATED VISIBILITY CRITERIA IN FAAO 8260.3C, SECTION 3-3; AND PENETRATION OF THE LNAV/VNAV 23.44:1 SLOPE.
18. FAS DATA BLOCK INFORMATION: CHANGED FPAP LATITUDE FROM "341305.5485N" TO "341305.5490N"; CHANGED FPAP LONGITUDE FROM "0861613.7860W" TO "0861613.7865W"; CHANGED THRESHOLD CROSSING HEIGHT FROM 42.0 TO 41.8; AND CHANGED CRC REMAINDER FROM "8E1B342F" TO "266DBEE3" - CURRENT DATA AND SIAP CALCULATIONS.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

ZTL, ZME, BHM APP CON, KBFZ AMGR.

FLIGHT CHECKED BY

GEORGE E SEARLES

Digitally signed by

CASIMIR L TABAKA

Jan 22, 2025

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AJF

DATE

01/16/2025

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08/28/2024

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Jan 22, 2025

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DATE

TITLE

MANAGER



