

**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> CMD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CULLMAN	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 970	<u>TDZE</u> 957	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

**TAA**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-12.

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 289/30 CW 109/30	NOPT	289/10 CW 109/10		4100
2. 289/10 CW 109/10		MELYE	IF/IAF	3200
3. 109/30 CW 289/30		109/10 CW 289/10		6900
4. 109/10 CW 289/10		MELYE	IF/IAF	3200

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MELYE	IF/IAF	DOWDU		TF	FB	1.00	019.48	6.81	2700
DOWDU	FAF	CUSAG/2.44 NM TO RW02		TF	FB	0.30	019.50	2.15	
CUSAG/2.44 NM TO RW02		RW02	MAP	TF	FO	0.30	019.50	2.44	
RW02	MAP	1370 MSL		CA			019.50		
1370 MSL		AMUXY		DF	FO	1.00			2900

**MISSED APPROACH**

**MAP:**

LP: RW02  
LNAV: RW02

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2900 DIRECT AMUXY AND HOLD.


**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD S MELYE, RT, 019.48 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	019.50	FAF:	DOWDU	DIST FAF TO MAP:	4.59	DIST FAF TO THLD:	4.59							
4.	MIN ALT:	MELYE 3200, DOWDU 2700, CUSAG/2.44 NM TO RW02 1900													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
6.	MIN GP INCPT:		GP ALT AT FAF:						OM:		MM:		IM:		
7.	GP ANGLE:		34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS. 

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 2 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

DOWDU TO RW02 3.50/58.5.  
HOLD N, RT, 199.56 INBOUND.  
CHART FAS OBST: 1157 WATER\_TOWER (01-069206) 341415N/0865157W.  
CHART 1338 TOWER (01-002107) 341058N/0865247W, 1284 ANTENNA (01-069487) 341313N/0865135W.  
CHART R2104 A/D.  
WAAS CHANNEL # 58235  
REFERENCE PATH ID: W02A  
CHART CIRCLING ICON.  
LTP HAE: 256.8 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
LP MDA	1420	1	463	1420	1	463	1420	1 3/8	463	1420	1 3/8	463			
RNAV MDA	1440	1	483	1440	1	483	1440	1 3/8	483	1440	1 3/8	483			
CIRCLING	1480	1	510	1500	1	530	1600	1 3/4	630	1640	2	670			



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM: "969" TO "970" – PER UPDATED SURVEY 8/25/2022.
2. TAA: CHANGED FROM "289 CW 109: 3200; 109 CW 289: 3200" TO "289 CW 109: 6900; 10NM STEPDOWN ARC 3200 AND 109 CW 289: 3800; 10NM STEPDOWN ARC 3200" – PER FPT REQUEST.
3. TERMINAL ROUTES: CHANGED DIST BETWEEN IF/IAF AND FAF FROM "6.02" TO "6.81" - FAF RELOCATED PER GPA/TCH.
4. TERMINAL ROUTES: CHANGED DIST BETWEEN FAF TO SDF FROM "2.88" TO "2.15" - FAF RELOCATED PER GPA/TCH.
5. TERMINAL ROUTES: CHANGED DIST BETWEEN SDF RW02 FROM "2.50" TO "2.44" - SDF RELOCATED PER GPA/TCH.
6. TERMINAL ROUTES: MAP ALTITUDE CHANGED FROM "1369" TO "1370" – AIRPORT ELEVATION CHANGED TO 970.
7. PROFILE LINE 3: DIST FAF TO MAP CHANGED FROM "5.38" TO "4.59" - FAF RELOCATED PER NEW GPA/TCH.
8. PROFILE LINE 3: DIST DIST FAF TO THLD CHANGED FROM "5.38" TO "4.59" - FAF RELOCATED PER NEW GPA/TCH.
9. PROFILE LINE 4: CHANGED FROM "CUSAG/2.50 NM TO RW02 1780" TO "CUSAG/2.44 NM TO RW02 1900" - PER NEW GPA/TCH AND ALTITUDE RAISED PER FPT CHECKLIST.
10. PROFILE LINE 7: ADDED 20:1 NOT CLEAR - 20:1 PENETRATION PRESENT.
11. ADDITIONAL FLIGHT DATA: ADDED CHART 1338 TOWER (01-002107) 341058N/0865247W, 1284 ANTENNA (01-069487) 341313N/0865135W - NEW 7:1 SURVEYED OBS.
12. CHART PROFILE NOTE: REMOVED VISUAL SEGMENT OBSTACLES AND ADDED DOWDU TO RW02 3.50/58.5 - GP/TCH UPDATED TO 3.5/58.5.
13. MISSED APPROACH: HOLDING ALTITUDE AT AMUXY CHANGED FROM 3700 TO 2900 – PER FPT REQUEST.
14. CHART FAS OBST: CHANGED FROM: "1152 TANK 341415N/0865157W AND 1289 TOWER 341313N/0865135W" TO "1157 WATER\_TOWER (01-069206) 341415N/0865157W" – NEW LP AND LNAV CONTROLLING OBSTACLE.
15. MINIMUMS: CIRCLING CAT A MDA/HAT CHANGED FROM: "1440/471" TO "1480/510" – PER NEW OBSTACLE EVALUATION.
16. MINIMUMS: CIRCLING HAT CAT B, C, D CHANGED FROM: "531, 631, 671" TO "530, 630, 670" – PER NEW AIRPORT ELEVATION.
17. MINIMUMS: CICLING CAT D VIS CHANGED FROM: "2 1/4" TO "2" – PER 8260.3 TABLE 3-3-7.
18. FAS DATA: LTP/FTP LATITUDE CHANGED FROM "341541.2495N" TO "341541.2485N" – NEW AIRPORT SURVEY.
19. FAS DATA: LTP/FTP LONGITUDE CHANGED FROM "0865138.2475W" TO "0865138.2390W"- PER NEW DATA PULL.
20. FAS DATA: TCH CHANGED FROM "66.8" TO "58.5" – TO SUPPORT 3.5 DEGREE GLIDESLOPE.
21. FAS DATA: GPA CHANGED FROM "3.00" TO "3.50" - PER FPT CHECKLIST.
22. FAS DATA CRC REMAINDER CHANGED FROM "D6BA012" TO "3BEC44F2" – NEW LTP POSITION/NEW LTP ORTHOMETRIC HEIGHT AND NEW FPAP POSITION.
23. LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM: "+02847" TO "+02848" – NEW AIRPORT SURVEY/AIRNAV DATA.
24. FAS DATA: FPAP POSITION CHANGED FROM "341706.8200N/0865107.6700W" TO "341706.8210N/0865107.6775W" - NEW FAS DATA CALCULATIONS.
25. ALTERNATE MINS: CHANGED FROM CAT D 800-2 1/4 TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE - CIRCLING CAT D VISIBILITY UPDATED.

04/24/2025: THIS A CORRECTED COPY OF THE FORM APPROVED ON 04/17/2025.

1. PBN REQUIREMENTS: ADDED "RNP APCH – GPS"

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:ZME ARTCC, HSV APP CON, AMGR, ZTL ARTCC

FLIGHT CHECKED BY

JON DAVID HOLLAND

Digitally signed by

DAVID DANNER

Apr 28, 2025

OFFICE

FIOG

DATE

03/11/2025

DEVELOPED BY

JOHN BORDY (GIORGIA FERREIRA)

Digitally signed by

DAVID DANNER

Apr 28, 2025

OFFICE

AJV-A421

DATE

09/25/2024

APPROVED BY

JOHN BORDY

Digitally signed by

DAVID DANNER

Apr 28, 2025

OFFICE

AJV-A33

DATE

05/08/2025

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCMD
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	341541.2485N
LTP/FTP LONGITUDE	0865138.2390W
LTP/FTP ELLIPSOIDAL HEIGHT	+02568
FPAP LATITUDE	341706.8210N
FPAP LONGITUDE	0865107.6775W
THRESHOLD CROSSING HEIGHT (TCH)	00058.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	3BEC44F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02848
FPAP ORTHOMETRIC HEIGHT	+02848

