

**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> 4A4	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CEDARTOWN	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 974	<u>TDZE</u> 974	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> 04/22/2021	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 012/30 CW 192/30	NOPT	012/8 CW 192/8		3800
2. 012/8 CW 192/8		MAFLY	IF/IAF	3700
3. 192/30 CW 012/30		MAFLY	IF/IAF	3700

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MAFLY	IF/IAF	ANTIY		TF	FB	1.00	101.89	6.70	2700
ANTIY	FAF	JEKAG/1.90 NM TO RW10		TF	FB	0.30	101.96	3.40	
JEKAG/1.90 NM TO RW10		RW10	MAP	TF	FO	0.30	101.96	1.90	
RW10	MAP	1600 MSL		CA			101.96		1600
1600 MSL		MAFLY		DF	FO	1.00			3700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3700 DIRECT MAFLY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD W MAFLY, RT, 101.89 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 101.96FAF: ANTIYDIST FAF TO MAP: 5.30DIST FAF TO THLD: 5.30
4. MIN ALT: MAFLY 3700, ANTIY 2700, JEKAG/1.90 NM TO RW10 1600*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:
6. MIN GP INCPT: 2700GP ALT AT FAF : ANTIY 2700OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 41.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CARTERSVILLE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE CARTERSVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 1292 FEET; INCREASE LNAV/VNAV DA TO 1424 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDA 80 FEET; INCREASE LNAV VISIBILITY CATS C AND D 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1085 TREE 340058N/0850926W.
CHART VDP AT 1.03 NM TO RW10*
*LNAV ONLY.
WAAS CHANNEL # 49223
REFERENCE PATH ID: W10A
LTP HAE: 267 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	1224	1	250	1224	1	250	1224	1	250	1224	1	250			
LNAV/VNAV DA	1356	1 1/8	382	1356	1 1/8	382	1356	1 1/8	382	1356	1 1/8	382			
LNAV MDA	1340	1	366	1340	1	366	1340	1	366	1340	1	366			



CHANGES - REASONS

1. REMOVED TRANSITIONS FROM ZASKI TO MAFLY AND VUNUY TO MAFLY - PER FPT REQUEST.
2. AMENDED PROFILE LINE 4 FROM "MAFLY 4400, ANTIY 2600, JEKAG/2.00 NM TO RW10 1660*" TO "MAFLY 3700, ANTIY 2700, JEKAG/1.90 NM TO RW10 1600*" - NEW IF/IAF, FAF, AND STEPDOWN FIX LOCATIONS, UPDATED GLIDEPATH ANGLE AND TCH, NEW OBSTACLE EVALUATION, RUNWAY EXTENSION CONSTRUCTION.
3. AMENDED PROFILE LINE 7 FROM "34:1 NOT CLEAR" TO "34:1 IS CLEAR" - 34:1 PENETRATIONS REMOVED.
4. AMENDED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 37°C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C" - NEW HISTORICAL DATA.
5. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 1.15 NM TO RW10*" TO "CHART VDP AT 1.03 NM TO RW10*" - LNAV MDA/HAT INCREASED, NEW CONTROLLING OBSTACLES IDENTIFIED.
6. AMENDED PROFILE LINE 7, FROM TCH "55" TO TCH "41" - NEW TARGETS BUILD; VGSI AND GLIDEPATH NOW COINCIDENT.
7. AMENDED CRC REMAINDER FROM "C41DDAFB" TO "BE082509" - LTP/FTP LONGITUDE, LTP/FTP ELLIPSOIDAL HEIGHT, FPAP COORDINATES, TCH, AND LENGTH OFFSET UPDATED.
8. AMENDED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST: 1119 TREE 340058N/0850926W" TO "CHART FAS OBST: 1085 TREE 340058N/0850926W" - NEW PROCEDURE BUILD IDENTIFIED NEW CONTROLLING OBSTACLE.
9. UPDATED BACKUP ALTIMETER NOTES FROM "CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED, USE CARTERSVILLE ALTIMETER SETTING AND INCREASE ALL DA 68 FEET AND ALL MDA 80 FEET; INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 SM" TO "CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CARTERSVILLE ALTIMETER SETTING; INCREASE LPV DA TO 1292 FEET; INCREASE LNAV/VNAV DA TO 1424 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET. INCREASE LNAV VISIBILITY CATS C AND D 3/8 SM."
10. AMENDED TAA SECTORS AND ALTITUDES - RESULT OF REMOVING FEEDER SEGMENTS, NEW OBSTACLE EVALUATION, AND FPT REQUEST.
11. AMENDED LPV DA/HAT FROM "1256/282" TO "1224/250" - NEW PROCEDURE BUILD IDENTIFIED NEW CONTROLLING OBSTACLE.
12. AMENDED LNAV/VNAV DA/HAT FROM "1430/456" TO "1356/382" AND VISIBILITY FROM "1 1/2" TO "1 1/8" - NEW PROCEDURE BUILD IDENTIFIED NEW CONTROLLING OBSTACLE AND UPDATED VISCHECK RESULTS.
13. AMENDED LNAV MDA/HAT FROM "1380/406" TO "1340/366" - NEW PROCEDURE BUILD IDENTIFIED NEW CONTROLLING OBSTACLE.
14. AMENDED APT ELEVATION FROM 974 TO 973 - UPDATED TO CURRENT AIRNAV DATA.
15. AMENDED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4400 DIRECT MAFLY AND HOLD. CONTINUE CLIMB-IN-HOLD TO 4400." TO "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3700 DIRECT MAFLY AND HOLD." - NEW TARGETS BUILD AND UPDATED CONTROLLING OBSTACLE DATA.
16. REMOVED CHART NOTE: "RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 34:1 PENETRATIONS REMOVED.
17. REMOVED PROFILE NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - NEW TARGETS BUILD VGSI AND GLIDEPATH NOW COINCIDENT.
18. AMENDED LTP HAE IN ADDITIONAL FLIGHT DATA FROM 267.1 M TO 267 M - 8260-9H, 8-6-10, J(4).
19. AMENDED PROFILE LINE 5 FROM "DISTANCE TO THLD FROM 265 HAT: 0.66 NM" TO "DISTANCE TO THLD FROM 250 HAT: 0.66" - 8260.19H, 8-6-7, E(3).
20. MAGVAR CHANGED FROM "4W" TO "5W" ALL PROCEDURE TRACKS CHANGED 1 DEGREE - EPOCH YEAR 2025 UPDATE

02/11/2021: THIS IS A CORRECTED COPY OF THE FORMS APPROVED ON: 01/19/2021.

1. CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO 04/22/2021.
2. ADDED "PENDING" UNDER FLIGHT INSPECTED BY, IN THE SIGNATURE BLOCK.

02/16/2021: THIS IS A CORRECTED COPY OF THE FORMS APPROVED ON: 01/19/2021.

1. CHANGED AIRPORT ELEVATION FROM 973 TO 974, IN BASIC INFO ON 8260-3.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL ARTCC, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

JASON KRETSCHMER

OFFICE

DATE

Jan 19, 2021

DEVELOPED BY

JASON KRETSCHMER (CURTIS MALONE)

Digitally signed by

JASON KRETSCHMER

OFFICE

AJV-A421

DATE

10/28/2020

Jan 19, 2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

OFFICE

AJV-A420

DATE

**TITLE
MANAGER**

Jan 19, 2021

QUALITY
49
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	4A4
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	340109.7630N
LTP/FTP LONGITUDE	0850910.9630W
LTP/FTP ELLIPSOIDAL HEIGHT	+02670
FPAP LATITUDE	340058.8410N
FPAP LONGITUDE	0850724.5775W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1208
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 BE082509

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02960
FPAP ORTHOMETRIC HEIGHT	+02960

