

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> KGYH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GREENVILLE	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 956	<u>TDZE</u> 956	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/15/2021	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> 02/23/2023	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 317/30 CW 137/30	NOPT	317/5 CW 137/5		4200
2. 317/5 CW 137/5		NINYI	IF/IAF	3000
3. 137/30 CW 227/30		137/10 CW 227/10		7100
4. 137/10 CW 227/10		PAGIY	IAF	3000
5. 227/30 CW 317/30		ONUCI	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PAGIY	IAF	NINYI	NOPT	TF	FB	1.00	136.82	7.00	3000
ONUCI	IAF	NINYI	NOPT	TF	FB	1.00	316.94	7.00	3000
NINYI	IF/IAF	GASRR		TF	FB	1.00	046.88	7.21	2600
GASRR	FAF	RW05	MAP	TF	FO	0.30	046.94	5.00	
RW05	MAP	1156 MSL		CA			046.94		
1156 MSL		ILEYO		DF	FO	1.00			3000



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ILEYO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW NINYI, LT, 046.88 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	046.94	FAF: GASRR	DIST FAF TO MAP: 5.00		DIST FAF TO THLD: 5.00
4. MIN ALT:	NINYI 3000, GASRR 2600				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT:	2600	GP ALT AT PFAF :	GASRR 2600	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 52.1	IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GREER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREER ALTIMETER SETTING AND INCREASE LPV DA TO 1185 FEET; INCREASE LNAV/VNAV DA TO 1279; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 7/8 SM AND INCREASE LNAV VISIBILITY CATS C/D TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART (KGMU) IN PLAN AND PROFILE VIEWS.
HOLD NE, LT, 227.06 INBOUND.
FAS OBST: 1100 AAO 344236N/0822622W.
CHART 1202 TOWER (45-000703) 344051N/0822626W.
CHART VDP AT 1.02 NM TO RW05.
WAAS CHANNEL # 72603
REFERENCE PATH ID: W05A
LTP HAE: 260.3 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	1156	1/2	200	1156	1/2	200	1156	1/2	200	1156	1/2	200			
LNAV/VNAV DA	1250	1/2	294	1250	1/2	294	1250	1/2	294	1250	1/2	294			
LNAV MDA	1360	1/2	404	1360	1/2	404	1360	3/4	404	1360	3/4	404			
CIRCLING	1420	1	464	1480	1	524	1480	1 1/2	524	1520	2	564			

CHANGES - REASONS

1. HEADING: MAGVAR CHANGED FROM 4W TO 7W. - UPDATED AIRPORT MAGVAR REQUESTED BY FPT.
2. PROCEDURE: REMOVED FEEDERS ELLID AND REEDY. - PROCEDURE REDESIGN REQUESTED BY FPT/ATC.
3. PROCEDURE: ADDED TAA. - PROCEDURE REDESIGN TO SUPPORT MULTIPLE FUTURE VORMON REQUESTED BY FPT/ATC.
4. PROCEDURE: CHANGED FAF NAME FROM LEPBI TO GASRR AND ADDED IF NINYI. - ATC REQUEST AND PROCEDURE REDESIGN.
5. PROCEDURE: ADDED LNAV/VNAV MINS. - ATC REQUEST.
6. TERMINAL ROUTES: IAF PAGIY COURSE/DIST CHANGED FROM 133.84/5.00 TO 136.82/7.00 AND IAF ONUCI COURSE/DIST CHANGED FROM 313.92/5.00 TO 316.94/7.00. - MOVED IAFS 2NM, UPDATED MAGVAR AND NEW PROCEDURE REDESIGN.
7. PROFILE LINE 2: ADDED HOLD-IN-LIEU OF PROCEDURE TURN AT NINYI. - ATC REQUEST PROCEDURE DESIGN.
8. PROFILE LINE 3: FAC CHANGED FROM 043.93 TO 046.94, FAF FROM LEPBI TO GASRR, AND DIST FAF TO MAP/THLD FROM 4.93 TO 5.00. - UPDATED MAGVAR, ATC REQUEST, AND MOVED FAF.
9. PROFILE LINE 4: ADDED NINYI 3000, AND CHANGED LEPBI TO GASRR. - ATC REQUEST AND PROCEDURE REDESIGN.
10. PROFILE LINE 5: ADDED 200 HAT 0.46. - IAW 8260.19I 8-6-7.
11. PROFILE LINE 6: CHANGED GP ALT AT PFAF FROM LEPBI TO GASRR 2600. - CHANGED FAF NAME AND IAW 8260.19I 8-6-7.
12. PROFILE LINE 7: ADDED 20:1 IS CLEAR. - IAW 8260.19I 8-6-7.
13. PROFILE LINE 8: REMOVED MSA. - REPLACED WITH TAA.
14. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS. - IAW 8260.19I 8-6-8.
15. NOTES: REMOVED DME/DME RNP-0.3 NA, REMOVED "PROCEDURE NA FOR ARRIVALS AT ELLID VIA V20-35 NORTHEAST BOUND" NOTE, ADDED INOP ALS NOTE, AND ADDED BARO-VNAV NOTE. - IAW 8260.19I 8-6-9, REMOVED ELLID FEEDER, AND ADDED LNAV/VNAV MINS.
16. NOTES: CHANGED SECONDARY ALTIMETER NOTE FROM "IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREER ALTIMETER SETTING AND INCREASE DA 28 FEET AND ALL MDAS 40 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREER ALTIMETER SETTING AND INCREASE LPV DA TO 1185 FEET; INCREASE LNAV/VNAV DA TO 1269; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM". - NEW EVAL COMPLETED AND MINIMUMS CHANGED AND IAW 8260.3E.
17. ADDITIONAL FLIGHT DATA: CHANGED MISSED APPROACH HOLDING PATTERN TURN FROM RT TO LT AND COURSE FROM 224.06 TO 227.06, CHANGED FAS OBST FROM "CHART FAS OBST: 1084 T-L TWR 344320N/0822429W" TO "FAS OBST: 1100 AAO 344236N/0822622W, CHANGED VDP FROM 1.23 TO 1.02, CHANGED NOTE FROM CHART IN PLANVIEW: GREENVILLE DOWNTOWN (GMU) TO CHART (KGMU) IN PLAN AND PROFILE VIEWS, REMOVED DIST TO THLD FROM 253 HAT, AND REMOVED *LNAV ONLY. - UPDATED MAGVAR, ATC REQUEST, NEW EVAL COMPLETED, NEW CONTROLLING OBSTACLE, AND IAW 8260.19I 8-6-10.
18. ALT MINS: ADDED ALT MINS. - CHANGED IN CRITERIA TO ALLOW RNAV (GPS) PROCEDURES IAW 8260.19I 8-6-11.
19. MINIMUMS: CHANGED LPV FROM 1209/253 TO 1156/200 AND ADDED LNAV/VNAV MINS. - NEW EVAL COMPLETED WITH NO PENETRATIONS AND ATC REQUEST.
20. MINIMUMS: CHANGED LNAV A/B/C FROM 1400/444 TO 1360/404, AND CAT D FROM 1400/444/1SM TO 1360/404/ 3/4SM. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTACLE AND IAW 8260.3E.
21. MINIMUMS: CIRCLING CAT D CHANGED FROM 1540/544 TO 1520/564. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTACLE.
22. FAS DATA: COURSE WIDTH CHANGED FROM 106.50 TO 106.75, LENGTH OFFSET CHANGED FROM 0016 TO 312, VAL CHANGED FROM 50 TO 35, CRC CHANGED FROM B6AA51F4 TO DEA3A90A, AND FPAP CHANGED FROM 344600.7500N/0822203.8100W TO 344607.9950N/0822156.4065W. - LTP LAT/LONG CHANGED FROM 344459.6300N/0822305.8900W TO 344459.6065N/0822305.8875W, LTP ELLIPSOIDAL HEIGHT CHANGED FROM 02601 TO 02603, LTP/FPAP ORTH HEIGHT CHANGED FROM 02912 TO 02913, AND NEW SURVEY IN 2010.
23. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, GREER APP CON, GYH ATCT, AMGR

FLIGHT CHECKED BY
PENDING

Digitally signed by
ERIC N SUSKI
Jan 09, 2023

OFFICE

DATE

DEVELOPED BY
ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by
ERIC N SUSKI
Jan 03, 2023

OFFICE
AJV-A431

DATE
10/26/2022

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Jan 03, 2023

OFFICE
AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGYH
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	344459.6065N
LTP/FTP LONGITUDE	0822305.8875W
LTP/FTP ELLIPSOIDAL HEIGHT	+02603
FPAP LATITUDE	344607.9950N
FPAP LONGITUDE	0822156.4065W
THRESHOLD CROSSING HEIGHT (TCH)	00052.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 CRC REMAINDER	 DEA3A90A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02913
FPAP ORTHOMETRIC HEIGHT	+02913