

**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</u> AUGUSTA RGNL AT BUSH FIELD	<u>AIRPORT ID</u> KAGS	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> AUGUSTA	<u>STATE</u> GA
<u>AIRPORT ELEVATION</u> 146	<u>TDZE</u> 137	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 09/12/2019	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1990

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>
IRQ VORTAC		WOBAS		TF	FB	1.00	199.48	19.12	2000
SARDY		HEPIG		TF	FB	1.00	292.51	21.71	2000
WOBAS	IAF	WONIL		TF	FB	1.00	156.28	7.00	2000
HEPIG	IAF	WONIL		TF	FB	1.00	337.98	7.00	2000
WONIL	IF	GONRE		TF	FB	1.00	067.13	6.70	2000
GONRE	FAF	DAYTE/2.80 NM TO RW08		TF	FB	0.30	082.14	2.89	
DAYTE/2.80 NM TO RW08		RW08	MAP	TF	FO	0.30	082.14	2.80	
RW08	MAP	1200 MSL		CA			082.14		1200
1200 MSL		HEPIG		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2000 DIRECT HEPIG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT WONIL					
3. FAC:	082.14	FAF: GONRE	DIST FAF TO MAP: 5.69	DIST FAF TO THLD: 5.69	
4. MIN ALT:	WONIL 2000, GONRE 2000, DAYTE/2.80 NM TO RW08 1080*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	532 HAT: 1.50	GS ANT:
6. MIN GP INCPT:	2000	GP ALT AT FAF :	GONRE 2000	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH:	55.0	
8. MSA FROM:	RW08 3000				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IRQ VORTAC AIRWAY RADIALS 118 CW 288.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SARDY ON V185 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 337.16 INBOUND.
CHART FAS OBST: 439 ANTENNA 332148N/0820100W.
CHART R-3004.
CHART VDP AT 1.57 NM TO RW08*
*LNAV ONLY.
WAAS CHANNEL # 90328
REFERENCE PATH ID: W08A
CHART CIRCLING ICON.
LTP HAE: 10.6 M



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	669	1 1/2	532	669	1 1/2	532	669	1 1/2	532	669	1 1/2	532			
LNAV/VNAV DA	693	1 5/8	556	693	1 5/8	556	693	1 5/8	556	693	1 5/8	556			
LNAV MDA	700	1	563	700	1	563	700	1 5/8	563	700	1 5/8	563			
CIRCLING	740	1	594	780	1	634	780	1 3/4	634	940	2 1/2	794			

CHANGES - REASONS

1. CHANGED COURSE FROM WOBAS TO WONIL FROM "157.10" TO "156.28" - INTERMEDIATE FIX RELOCATED 0.1NM EAST.
2. CHANGED COURSE FROM HEPIG TO WONIL FROM "337.16" TO "337.98" - INTERMEDIATE FIX RELOCATED 0.1NM EAST.
3. CHANGED DISTANCE FROM WONIL TO GONRE FROM "6.80" TO "6.70" - INTERMEDIATE FIX RELOCATED 0.1NM EAST.
4. ALTERNATE NOTE CHANGED FROM "CAT A, B, C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE." TO "STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE." - 8260.19H, 8-6-11, B(4).
5. CHANGED LPV ALL CATS VISIBILITY FROM "1 3/4" TO "1 1/2" - UPDATED VISIBILITY VALUES IAW 8260.3D, TABLE 3-3-1.
6. CHANGED LNAV/VNAV ALL CATS DA AND VISIBILITY FROM "774/2 1/4" TO "693/1 5/8" - REMOVED XP ADJUSTMENT AND UPDATED VISIBILITY VALUES IAW 8260.3D, TABLE 3-3-1.
7. CHANGED CIRCLING CAT A MDA/HAA FROM "780/634" TO "740/594" - REMOVED XP ADJUSTMENT.
8. CHANGED CIRCLING CAT D MDA/HAA FROM "900/754" TO "940/794" - NEW CONTROLLING OBSTACLE.
9. REMOVED BACKUP ALTIMETER - MOVED TO -9 AS A CONTINGENCY NOTE.
10. CHANGED LNAV/VNAV ALL CATS HAT FROM "637" TO "556" - REMOVED XP ADJUSTMENT
11. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C." - UPDATED 5 YEAR STUDY
12. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IRQ VORTAC RADIALS 118 CW 272." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IRQ VORTAC AIRWAY RADIALS 118 CW 288." - UPDATED AIRWAYS
13. CRC REMAINDER CHANGED FROM "67051795" TO "159F5878" - FPAP LATITUDE AND LONGITUDE CHANGED FROM "332215.9750N/0815625.1065W" TO "332215.9720N/0815625.1055W" - UPDATED AIRNAV DATA

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AGS ATCT, AMGR

FLIGHT CHECKED BY

GEORGE E SEARLES

Digitally signed by
JASON KRETSCHMER

Oct 30, 2020

OFFICE

FICO

DATE

10/07/2020

DEVELOPED BY

DAVID DANNER (HENRY A BRADSHAW)

Digitally signed by
JASON KRETSCHMER

Aug 13, 2020

OFFICE

AJV-A421

DATE

06/18/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER

Aug 13, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAGS
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	332157.7315N
LTP/FTP LONGITUDE	0815809.2490W
LTP/FTP ELLIPSOIDAL HEIGHT	+00106
FPAP LATITUDE	332215.9720N
FPAP LONGITUDE	0815625.1055W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	159F5878

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00408
FPAP ORTHOMETRIC HEIGHT	+00408

