US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOXOM (IAF)	HOMRU (NOPT) (FB)	052.19 / 7.80	2100
YALRU (IAF)	HOMRU (NOPT) (FB)	292.33 / 7.80	2100
HOMRU (IF/IAF)	WATEM (FB)	352.25 / 7.00	1700
WATEM (FAF)	RW35 (MAP) (FO)	352.23 / 4.75	
RW35 (MAP)	332 MSL	352.23	
332 MSL	CARDO (FO)		2400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2400 DIRECT CARDO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S HOMRU, RT, 352.25 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 352.23 FAF: WATEM DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: HOMRU 2100, WATEM 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: WATEM 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.8 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 172.18 INBOUND.
CHART FAS OBST: 339 TREE 332023N/0815806W
CHART FAS OBST: 430 TOWER 331845N/0815754W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.49 MILES TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 97303
REFERENCE PATH ID: W35A
CHART R-3004
CHART: ASR
LTP HAE: 10.1 M

MAG VAR: 4W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	332	2400	200	332	2400	200	332	2400	200	332	2400	200			
LNAV/VNAV DA	652	6000	520	652	6000	520	652	6000	520	652	6000	520			
LNAV MDA	680	2400	548	680	2400	548	680	6000	548	680	6000	548			
CIRCLING	780	1	636	780	1	636	780	1 3/4	636	780	2	636			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 43C (109F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANIEL FIELD ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 132	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, GA	AIRPORT NAME: AUGUSTA RGNL AT BUSH FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 2	AMDT: 1
				DATED 09/30/2004

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] **ZTL, AGS ATCT, STATE AERO**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
DONALD E. SMITH (NICHOLAS K. JACKSON)	**AJV-352**	**11/04/2011**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

1. FIX NAMES NICIL/SEDBE CHANGED TO ZOXOM/YALRU.
2. IF/IAF FIX NAME CHANGED TO ORIGINAL FIX HOMRU.
3. COURSE/DISTANCE FROM ZOXOM TO HOMRU CHANGED FROM 082.19/5.00 TO 052.19/7.80.
4. COURSE/DISTANCE FROM YALRU TO HOMRU CHANGED FROM 262.29/5.00 TO 292.33/7.80.
5. COURSE/DISTANCE FROM HOMRU TO WATEM CHANGED FROM 352.24/6.00 TO 352.25/7.00.
6. HOLD-IN-LIEU INBOUND COURSE CHANGED FROM 352.24 TO 352.25.
7. DIST FAF TO MAP AND THLD CHANGED FROM 4.68 TO 4.75.
8. TCH VALUE CHANGED FROM 55.2 TO 55.8.
9. LPV DA/HATH VALUES CHANGED FROM 430/294 TO 332/200.
10. LNAV/VNAV DA/HATH VALUES CHANGED FROM 680/544 TO 652/520 AND VISIBILITY VALUE CHANGED FROM 1 1/2 TO 6000 RVR.
11. LNAV MDA/HATH VALUES CHANGED FROM 700/564 TO 680/548.
12. CIRCLING CATS A/C VALUES CHANGED FROM 2 TO 1, CAT C 1 3/4.
13. ADDED NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT".
14. ADDED NOTE " WHEN VGSI INOP, CIRCLING RWY 8 NA AT NIGHT.
SEE 8260-10

REASONS:

1. NAME CHANGE REUIREMENT IAW NOTICE DATED 08/30/2011.
2. PER ATC REQUEST DUE TO BARDE FIX NAME BEING UTILIZED AS RNAV (GPS)-A CLEARANCE LIMIT.
3, 4. "Y" CONFIGURATION PER ATC REQUEST.
5, 6. OPTIMUM FINAL COURSE INBOUND UTILIZED.
7. 8260.54A L-V RNP PFAF FORMULA APPLIED.
8. TCH VALUE FROM ILS UTILIZED.
9. LPV MATCHED WITH ILS MINIMUMS.
10. NEW CONTROLLING OBSTACLE AND IAW 8260.3B CHNG 20 TABLE 3-5A.
11. NEW CONTROLLING OBSTACLE.
13. IAW 8260.19D PARA 855(N)1.
14. IAW 8260.19D PARA 854(M)2H.
15. IAW 8260.19D PARA 855(E)8 AND 9.
16. IAW 8260.19D PARA 854(M)3.

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NOTES, (CONT.):
INCREASE ALL DA 55 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS AND CIRCLING CATS C/D VISIBILITY 1/4 MILE, LNAV CATS C/D VISIBLITY 1/8 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DANIEL FIELD ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C/D VISIBILITY TO 1 5/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DANIEL FIELD ALTIMETER SETTING, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/4.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 8 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	292/30 CW 052/30 (NOPT)	HOMRU (IF/IAF) (FB)	2100
2.	052/30 CW 172/30	ZOXOM (IAF) (FB)	3000
3.	172/30 CW 292/30	YALRU (IAF) (FB)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 132	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, GA	AIRPORT NAME: AUGUSTA RGNL AT BUSH FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 2	AMDT: 1
				DATED: 09/30/2004

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:

APPROVED BY

NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
15. ADDED NOTE "BARO-VNAV AND VDP NA WHEN USING DANIEL FIELD ALTIMETER SETTING".
16. ADDED WHEN MALSR INOPERAIVE NOTES.

REASONS:

QUALITY CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAGS
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	332139.1120N
LTP/FTP LONGITUDE	0815755.7475W
LTP/FTP ELLIPSOIDAL HEIGHT	+00101
FPAP LATITUDE	332306.5000N
FPAP LONGITUDE	0815817.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.8
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	DA33D2A6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00403
FPAP ORTHOMETRIC HEIGHT	+00403

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 132	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, GA	AIRPORT NAME: AUGUSTA RGNL AT BUSH FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 2	AMDT: 1
				DATED: 09/30/2004

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:

APPROVED BY

NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-8 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CARDO K70    C     N33344034W082011051                    W0062     NAR           CARDO
        SUSAEAENRT   HOMRU K70    W     N33100761W081550429                    W0062     NAR           HOMRU
        SUSAEAENRT   WATEM K70    W     N33165970W081564637                    W0062     NAR           WATEM
        SUSAEAENRT   YALRU K70    W     N33074046W081461504                    W0063     NAR           YALRU
        SUSAEAENRT   ZOXOM K70    W     N33045519W082015984                    W0061     NAR           ZOXOM

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAGSK7AAGS     0     080YHN33221180W081575220W004000144         1800018000C    MNAR    AUGUSTA RGNL AT BUSH FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAGSK7FR35   AHOMRU 010HOMRUK7EA0EE AR   HF                    35230040    + 02100     18000                A JS
        SUSAP KAGSK7FR35   AYALRU 010YALRUK7EA0E  A    IF                                          18000                A JS
        SUSAP KAGSK7FR35   AYALRU 020HOMRUK7EA0EE B 010TF                     29230078    + 02100                          A JS
        SUSAP KAGSK7FR35   AZOXOM 010ZOXOMK7EA0E  A    IF                                          18000                A JS
        SUSAP KAGSK7FR35   AZOXOM 020HOMRUK7EA0EE B 010TF                     05220078    + 02100                          A JS
        SUSAP KAGSK7FR35   R      010HOMRUK7EA0E  I    IF                                 + 02100  18000                A JS
        SUSAP KAGSK7FR35   R      020WATEMK7EA1E  F 051TF                     35230070    + 01700                          A JS
        SUSAP KAGSK7FR35   R      020WATEMK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KAGSK7FR35   R      030RW35 K7PG0GY M 031TF                     35220048      00188           -300         A JS
        SUSAP KAGSK7FR35   R      040         0  M     CA                     3522        + 00332                        A JS
        SUSAP KAGSK7FR35   R      050CARDOK7EA0EY       DF                                 + 02400                        A JS
        SUSAP KAGSK7FR35   R      060CARDOK7EA0EE  R    HM                    17220040    + 02400                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAGSK7GRW35    0080013522 N33213911W081575575+0100    +00101001320000056150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAGSK7PR35   RW35 001 0000W35A0N3321391120W08157557475+001010300N3323065000W08158174700106750312000558F400350DA33D2A6
        SUSAP KAGSK7PR35   RW35 002E      +00403+00403LPV       97303
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CITY AND STATE	ELEVATION: 144 THRE: 132	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUGUSTA, GA	AIRPORT NAME: **AUGUSTA RGNL AT BUSH FIELD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2**	AMDT: **1**
				DATED: **09/30/2004**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	NFPG	DATE:

APPROVED BY

NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOMRU	HOMRU	010	IAF	HF	R	FO		352.3(348.3T)	004.0	AA 02100	
	YALRU	YALRU	010	IAF	IF		FB					
	YALRU	HOMRU	020		TF		FB	1.0	292.3(288.3T)	007.8	AA 02100	
	ZOXOM	ZOXOM	010	IAF	IF		FB					
	ZOXOM	HOMRU	020		TF		FB	1.0	052.2(048.2T)	007.8	AA 02100	
		HOMRU	010	FACF	IF		FB				AA 02100	
		WATEM	020	FAF	TF		FB	0.5	352.3(348.3T)	007.0	AA 01700	
		RW35	030	MAP	TF		FO	0.3	352.2(348.2T)	004.8	AT 00188	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.2(348.2T)		AA 00332	
										AA 02400	
	CARDO	050		DF		FO					
	CARDO	060		HM	R	FO		172.2(168.2T)	004.0	AA 02400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARDO	N333440.34	W0820110.51	N3334.672	W08201.175
	HOMRU	N331007.61	W0815504.29	N3310.127	W08155.072
	WATEM	N331659.70	W0815646.37	N3316.995	W08156.773
	YALRU	N330740.46	W0814615.04	N3307.674	W08146.251
	ZOXOM	N330455.19	W0820159.84	N3304.920	W08201.997
	RW35	N332139.11	W0815755.75	N3321.652	W08157.929

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00132	56

CITY AND STATE	ELEVATION: 144 THRE: 132	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AUGUSTA, GA	AIRPORT NAME: **AUGUSTA RGNL AT BUSH FIELD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2**	AMDT: **1**
				DATED: **09/30/2004**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	292/30 CW 052/30	HOMRU	1. TOWER (13-001583)	324558.00N/0813900.00W	821 (5D)	1000	AT279	2100
			2. TERRAIN	325736.00N/0815545.00W	378 (400)		AS1500	1900
LEFT BASE AREA	052/30 CW 172/30	ZOXOM	3. TOWER (13-000319)	331534.00N/0821708.00W	1900 (5D)	1000	AT100	3000
			4. TERRAIN	333112.00N/0822345.00W	575 (600)		AS1500	2100
RIGHT BASE AREA	172/30 CW 292/30	YALRU	5. TOWER (45-000300)	332421.00N/0815000.00W	1939 (2C)	1000		3000
			6. TERRAIN	333924.00N/0815203.00W	594 (600)		AS1500	2100
INITIAL	ZOXOM	HOMRU	7. TOWER (13-001149)	330523.00N/0820306.00W	754 (3D)	1000	AT346	2100
			8. TERRAIN	330545.00N/0820200.00W	335 (300)		AS1500	1800
INITIAL	YALRU	HOMRU	9. TOWER (13-001168)	330839.00N/0814523.00W	758 (5D)	1000	AT342	2100
			10. TERRAIN	330903.00N/0815612.00W	325 (300)		AS1500	1800
INTERMEDIATE	HOMRU (IF/IAF)	WATEM	11. TOWER (13-020178)	331413.60N/0815514.40W	695 (5D)	500	AT505	1700
			12. TERRAIN	330939.00N/0815712.00W	328 (300)		AS1000	1300
FINAL: LPV	WATEM	RW35				ASC		332/200
FINAL: LNAV/VNAV	WATEM	RW35	13. TREE	332022.79N/0815806.41W	339 (2C)	23.44:1		652/520
2. HOLD-IN-LIEU-OF-PT	HOMRU	P-5	15. TOWER (13-001950)	330639.00N/0815047.00W	699 (5D)	1000	AT401	2100
			16. TERRAIN	331000.00N/0815842.00W	332 (300)		AS1500	1800
3. MISSED APPROACH MAP:	DA / DA / RW35	CARDO				ASC		2400
			17. TOWER (45-000296)	333021.00N/0815743.00W	972 (2C)			1000
ELEV:	164/491/580		18. TERRAIN	333503.00N/0815845.00W	552 (600)		AS1500	2100

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350	636	19. TREE	332235.00N/0815941.00W	469 (2C)	300		780
CATEGORY B	1.5 NM	450	636	19. TREE	332235.00N/0815941.00W	469 (2C)	300		780
CATEGORY C	1.7 NM	450	636	20. TOWER (13-003775)	332237.90N/0820004.80W	470 (2C)	300		780
CATEGORY D	2.3 NM	550	636	20. TOWER (13-003775)	332237.90N/0820004.80W	470 (2C)	300		780
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
AUGUSTA, GA	AIRPORT NAME: AUGUSTA RGNL AT BUSH FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 2	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZTL ARTCC AGS TOWER	N W S / FAA / A/C	OTHER: ASOS	SOURCE: KAGS / KDNL DISTANCE: 0 / 6.90 HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON:			
X VHF X UHF HF	LOCATION: KAGS		ADJUSTMENT: 0 / 55

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

	ALS
	(S) SALS
X	MALSR 17 (PCL), 35 (PCL)
X	HIRL 17, 35
X	MIRL 08, 26
X	REIL 08, 26
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 17, 08, 35, 26

5. APPROACH & RUNWAY LIGHTING

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 17, 35
	INSTRUMENT	NPI-G 08; -F 26
7. RUNWAY VISUAL RANGE	APPROACH	17, 35
	MIDFIELD	
	ROLL OUT	17, 35
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 132.2
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.8

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (NICHOLAS K. JACKSON)	DATE: 11/04/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/72.0

RASS PRESSURE PATTERNS SAME
KAGS 144.2, KDNL 423.0
RA = 54.9.
SEE ATTACHED AIRSPACE LETTER.

KAGS AND KDNL ARE ON SERVICE A

VEGETATION HEIGHT OF 100 FEET UTILIZED PER PREVIOUS PROCEDURE

LPV SURFACE: 34:1

LNAV/VNAV SLOPE: 23.44:1

LPV, LNAV/VNAV, AND LNAV HAVE THE SAME MISSED APPROACH AND INTERMEDIATE CONTROLLING OBSTRUCTIONS.

AVERAE COLD TEMPERATURE BASED ON 5-YEAR HISTORY (2006-2010)

FPT NOTIFIED OF 20:1 PENETRATIONS.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1
R08 175 LT POLE (KAGS0001) 332158.46N-0815821.66W (.56)

R08 199 TREE (KAGS0002) 332152.52N-0815822.03W (16.89)
R08 215 TREE (KAGST009) 332150.40N-0815829.14W (1.19)

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV	**WATEM**	**RW35**	**14. TOWER (13-002990)**	**331845.20N/0815753.90W**	**430 (1A)**	**250**		**680**

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	MSA
									6
									CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
AUGUSTA, GA	**ELEVATION: 144** AIRPORT NAME: **AUGUSTA RGNL AT BUSH FIELD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2**	**ASO**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	☐	**ALS**
	☐	**(S) SALS**
	☐	**MALS**
	☐	**HIRL**
	☐	**MIRL**
	☐	**REIL**
	☐	**TDZ**
	☐	**C/LINE**
	☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: CARDO **STATE:** SC **COUNTRY:** US

LATITUDE/LONGITUDE: 333440.34N/0820110.51W **TYPE:** WP, INT

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	AUGUSTA	I-MZX	LOC		352.21	348.21		13.49		2100	4000
2	AIKEN	AIK	NDB	MH	261.63	255.63		17.73		2100	8000
3	COLLIERS	IRQ	VORTAC	H	141.34	137.34		10.54		2100	8000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	352.18	172.18	R		4	2400	6000	5	6
2	N	I-MZX	LOC	N CRS	172.21	R	1		2100	4000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	333742.40N/0820803.30W	791	6C
2	200	AAO	333742.40N/0820803.30W	791	6C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	1, 2, 3	2	KAGS	AUGUSTA	GA (US)
IAP	RNAV (GPS) RWY 17		1	KAGS	AUGUSTA	GA (US)
IAP	RNAV (GPS) RWY 35		1	KAGS	AUGUSTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
UPDATED FIX USE
REMOVED KAGS R17 AS FAC 4
ADDED PRECIPITOUS TERRAIN REMARK
MOVED HOLDING LIMITED REMARK TO RESTRICTIONS
ADDED DIST FROM FACS
LOWERED PAT 1 MAX ALTITUDE FROM 8000 TO 6000
LOWERED PAT 1 MAX TEMPLATE SIZE FROM 7 TO 6

DEVELOPED BY: **DATE:** 11/02/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: AGS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HOMRU **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 331007.61N/0815504.29W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	172.25	352.25	R		4	2100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-001950)	330639.00N/0815047.00W	699	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 17		1	KAGS	AUGUSTA	GA (US)
IAP	RNAV (GPS) RWY 35		1	KAGS	AUGUSTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/05/2012

DEVELOPED BY: **DATE:** 11/02/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: AGS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WATEM **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 331659.70N/0815646.37W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
8260.54A L-V RNP PFAF FORMULA APPLIED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KAGS	AUGUSTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
REMOVED KAGS R35 AS FAC 1
UPDATED FIX USE
FIX MOVED 392.47 FEET SOUTH, COORDINATES UPDATED

DEVELOPED BY: **DATE:** 10/21/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: AGS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YALRU **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 330740.46N/0814615.04W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NAME CHANGED FORM SEDBE TO YALRU

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KAGS	AUGUSTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
REMOVED BARDE AS FAC 1
UPDATED FIX USE
FIX MOVED 5.27 NM SOUTHEAST, COORDINATES UPDATED

DEVELOPED BY: **DATE:** **OFFICE:** AVN-140 **NAME:**

APPROVED BY: **DATE:** **OFFICE:** **NAME:**

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZTL
ATC FACILITY: AGS
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOXOM **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 330455.19N/0820159.84W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NAME CHANGED FROM NICIL TO ZOXOM

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KAGS	AUGUSTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
REMOVED BARDE AS FAC 1
UPDATED FIX USE
FIX MOVED 5.27 NM SOUTH, COORDINATES UPDATED

DEVELOPED BY: **DATE:** 10/21/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: AGS
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **AUGUSTA** STATE: **GA**

AIRPORT NAME: **AUGUSTA RGNL AT BUSH FIELD** ID: **KAGS**

PROCEDURE: **RMAV (GPS) RWY 35** AMDT: **2**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.49**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **348.25**
4. High Terrain in **FINAL** segment containing 1000' point **348.23**
5. Distance from **FAF** to 1500' point **6.40**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **3.99**
7. True Course of **INTERMEDIATE** segment containing 1500' point **348.25**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **328**
9. Threshold Coordinates (if straight-in) ... **332139.11N** / **0815755.75W**
10. ARP Coordinates ..... **332211.80N** / **0815752.20W**
11. Runway Approach End and distance furthest from ARP.....RWY **17**
    Distance **.81** NM
12. FAF Coordinates ..... **331659.70N** / **0815646.37W**
    (Click to Select)

REMARKS: Approach/Drawing attached. HOMRU (IF/IAF) 331007.61N/0815504.29W
YALRU (IAF) 330740.46N/0814615.04W
ZOXOM (IAF) 330455.19N/0820159.84W