US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - 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
PRMAN (IAF)	CHINN (TF) (FB) (RNP 1.00)	094.76 / 6.76	5000
CHINN (IF)	STUMP (TF) (FB) (RNP 1.00)	094.83 / 4.08	3700
STUMP	BBURG (TF) (FB) (RNP 1.00)	094.83 / 2.83	2800
BBURG (FAF)	RW08R (TF) (FO)	094.91 / 5.33	
RW08R (MAP)	BAMSE (DF) (FB)		
BAMSE	CRTER (TF) (FB) (RNP 1.00)	045.00 / 5.90	
CRTER	TROYS (TF) (FO) (RNP 1.00)	325.29 / 12.25	3500

MISSED APPROACH

RNP: DA

CLIMB TO 3500 DIRECT BAMSE AND ON TRACK 045.00 TO CRTER AND ON TRACK 325.29 TO TROYS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PRMAN
3. FAC: 094.91 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: PRMAN 5000, CHINN 5000, STUMP 3700, BBURG 2800
5. DIST TO THLD FROM OM: 5.33 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: BBURG 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.1# 34:1 IS CLEAR
8. MSA FROM: RW08R 3100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 185.00 INBOUND.
CHART FAS OBST: 1123 TOWER 333858N/0842716W
CHART FAS OBST: 1157 TOWER 333919N/0842711W
DISTANCE TO THLD FROM 388 HAT: 1.05 NM.
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
#TCH 1076.9 MSL (DO NOT CHART)
CHART LOC RWY 10.

MAG VAR: 5W EPOCH YEAR: 2015

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
AUTHORIZATION REQUIRED															
RNP 0.11 DA	1412	6000	388	1412	6000	388	1412	6000	388	1412	6000	388			
RNP 0.15 DA	1419	6000	395	1419	6000	395	1419	6000	395	1419	6000	395			
RNP 0.30 DA	1474	1 1/2	450	1474	1 1/2	450	1474	1 1/2	450	1474	1 1/2	450			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -9C (16F) OR ABOVE 54C (130F).
CHART NOTE: GPS REQUIRED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 10, ILS RWY 10 (SA CAT I), ILS RWY 10 (CAT II), ILS RWY 10 (CAT III), RNAV (GPS) Y RWY 10.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 TDZE: 1024 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	AMDT: ORIG-C
				DATED 03/08/2012

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, ATL APP CON, ATL ATCT, ARPT MGR

FLIGHT CHECKED BY		
NAME: MICHAEL EDWARD WILSON	FIFO FIOG	DATE: 02/27/2012
DEVELOPED BY		
NAME: KELLY DEAN	FIFO AJV-352	DATE: 04/27/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. LINE 3 FAC CHANGED FROM 091.91 TO 094.91.
2. TERMINAL ROUTE FROM PRMAN (IAF) TO CHINN COURSE AND DISTANCE CHANGED FROM 091.76 / 6.76 TO 094.76 / 6.76.
3. TERMINAL ROUTE FROM CHINN (IF) TO STUMP COURSE AND DISTANCE 091.83 / 4.08 TO 094.83 / 4.08.
4. TERMINAL ROUTE FROM STUMP TO BBURG COURSE AND DISTANCE CHANGED FROM 091.83 / 2.83 TO 094.83 / 2.83.
5. TERMINAL ROUTE FROM BBURG TO RW08R COURSE AND DISTANCE CHANGED FROM 091.91 / 5.33 TO 094.91 / 5.33.
6. MISSED APPROACH TRACK FROM BAMSE TO CRTER CHANGED FROM 042.00 TO 045.00.
7. MISSED APPROACH TRACK FROM CRTER TO TROYS CHANGED FROM 322.29 TO 325.29.
8. CHANGED HIGH TEMP LIMITATION FROM 46C (116F) TO 54C (130F).

REASONS:

1., 2., 3., 4., 5., 6., 7. KATL MAG/VAR CHANGE FROM 2W TO 5W.
8. NEW EMAIL GUIDANCE.

QUALITY CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 TDZE: 1024	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	AMDT: ORIG-C
				DATED: 03/08/2012

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

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:

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.

ARINC PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAMSE K70    W     N33384846W084211481                      W0047     NAR           BAMSE
        SUSAEAENRT   BBURG K70    C     N33384810W084324132                      W0046     NAR           BBURG
        SUSAEAENRT   CHINN K70    C     N33384718W084405786                      W0045     NAR           CHINN
        SUSAEAENRT   CRTER K70    W     N33432005W084164200                      W0048     NAR           CRTER
        SUSAEAENRT   PRMAN K70    C     N33384574W084490389                      W0044     NAR           PRMAN
        SUSAEAENRT   STUMP K70    C     N33384779W084360445                      W0046     NAR           STUMP
        SUSAEAENRT   TROYS K70    C   L N33524630W084260626                      W0047     NAR           TROYS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7AATL     0     123YHN33381212W084254031W005001026         1800018000C    MNAR    HARTSFIELD - JACKSON ATLANTA I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7FH08RZ APRMAN 010PRMANK7EA0E  A    IF                                  + 05000     18000                A FS
        SUSAP KATLK7FH08RZ APRMAN 020CHINNK7EA0EE B 010TF                                  + 05000                          A FS
        SUSAP KATLK7FH08RZ H      010CHINNK7EA0E  I    IF                                  + 05000     18000                A FS
        SUSAP KATLK7FH08RZ H      011STUMPK7EA0E S  010TF                                  + 03700                          A FS
        SUSAP KATLK7FH08RZ H      020BBURGK7EA1E  F 010TF                                  + 02800                 RW08R K7PGA FS
        SUSAP KATLK7FH08RZ H      020BBURGK7EA2W                                                 A031A152A112                   FS
        SUSAP KATLK7FH08RZ H      030RW08RK7PG0GY M 031TF                                    01077             -300          A FS
        SUSAP KATLK7FH08RZ H      040         0  M     CA                        0949      + 01426                          A FS
        SUSAP KATLK7FH08RZ H      050BAMSEK7EA0E       DF                                                                   A FS
        SUSAP KATLK7FH08RZ H      060CRTERK7EA0E    010TF                                                                   A FS
        SUSAP KATLK7FH08RZ H      070TROYSK7EA0EY   010TF                                  + 03500                          A FS
        SUSAP KATLK7FH08RZ H      080TROYSK7EA0EE  R   HM                       18500050   + 03500                          A FS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7GRW08R   0100000950 N33384843W084261811-0300    +02826010240000053150IIATL2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7SRW08RK7PG                0   18018003125                                                                      M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 1026 TDZE: 1024	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	AMDT: ORIG-C
				DATED: 03/08/2012

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

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 (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PRMAN	PRMAN	010	IAF	IF		FB				AA 05000	
	PRMAN	CHINN	020		TF		FB	1.0			AA 05000	
		CHINN	010	FACF	IF		FB				AA 05000	
		STUMP	011	SDF	TF		FB	1.0			AA 03700	
		BBURG	020	FAF	TF		FB	1.0			AA 02800	
		RW08R	030	MAP	TF		FO	0.3			AT 01077	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.9(089.9T)		AA 01426	
	BAMSE	050		DF		FB					
	CRTER	060		TF		FB	1.0				
	TROYS	070		TF		FO	1.0			AA 03500	
	TROYS	080		HM	R	FO		185.0(180.0T)	005.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAMSE	N333848.46	W0842114.81	N3338.808	W08421.247
	BBURG	N333848.10	W0843241.32	N3338.802	W08432.689
	CHINN	N333847.18	W0844057.86	N3338.786	W08440.964
	CRTER	N334320.05	W0841642.00	N3343.334	W08416.700
	PRMAN	N333845.74	W0844903.89	N3338.762	W08449.065
	STUMP	N333847.79	W0843604.45	N3338.797	W08436.074
	TROYS	N335246.30	W0842606.26	N3352.772	W08426.104
	RW08R	N333848.43	W0842618.11	N3338.807	W08426.302

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08R	01024	53

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 TDZE: 1024	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	AMDT: ORIG-C
				DATED: 03/08/2012

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

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.
INITIAL	PRMAN	CHINN	1. TOWER (13-002953)	334035.00N/0844825.00W	1430 (4D)	1000	AC50 AT2520	5000
(RNP 1.00)			2. TERRAIN	334045.00N/0844818.00W	1152 (1200)		AS1500	2700
INTERMEDIATE	CHINN	STUMP	3. AAO	334047.05N/0844054.34W	1239 (2C)	589	AC20 AT1852	3700
(RNP 1.00)			4. TERRAIN	334047.05N/0844054.34W	1039 (1000)		AS1500	2500
INTERMEDIATE: STEPDOWN	STUMP	BBURG	5. AAO	333737.54N/0843345.31W	1239 (2C)	500	AC20 AT1041	2800
(RNP 1.00)			6. TERRAIN	333737.54N/0843345.31W	1039 (1000)		AS1500	2500
FINAL: RNP 0.11	BBURG	RW08R	7. TOWER (OE0119)	333858.30N/0842715.50W	1123 (4D)	VEB	AC50 MA42	1412/388
FINAL: RNP 0.15	BBURG	RW08R	7.		1123 (4D)	VEB	AC50 MA39	1419/395
FINAL: RNP 0.3	BBURG	RW08R	8. TOWER (OE0193)	333919.10N/0842710.90W	1157 (4D)	VEB	AC50	1474/450
MISSED APPROACH	DA	BAMSE (40:1)	7.		1123 (4D)	ASC	AC50	
(RNP 0.11 FINAL)		LEVEL SURFACE	9. ATCT (13-003880)	333830.13N/0842518.07W	1357 (1A)	1000	AC3	2400
		AIRSPACE	10. TERRAIN	333900.00N/0842700.00W	1063 (1100)		AS1500	2600
MISSED APPROACH	BAMSE	CRTER (40:1)				ASC		
(RNP 0.11 FINAL)		LEVEL SURFACE	11. TOWER (13-001251)	334104.00N/0841723.00W	1379 (5D)	1000	AC50	2500
		AIRSPACE	12. TERRAIN	334318.00N/0841857.00W	1021 (1000)		AS1500	2500
MISSED APPROACH	CRTER	TROYS (40:1)				ASC		3500
(RNP 0.11 FINAL)		LEVEL SURFACE	13. TOWER (13-001299)	334534.00N/0842005.00W	2049 (2C)	1000	AC20	3100
		AIRSPACE	14. TERRAIN	335400.00N/0842251.00W	1067 (1100)		AS1500	2600

2. PROCEDURE TURN: NA

3. MISSED APPROACH
- MAP: SEE ABOVE
- ELEV: 1166/1163/1161

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: RW08R

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-003629)	039/ 07.1	2049 (2C)	3100					

CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ATLANTA, GA	ELEVATION: 1026 AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZTL ARTCC ATL APP CON ATL TOWER	N W S F A A A / C OTHER: ASOS	SOURCE: KATL DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON: X V H F, X U H F, H F	LOCATION:	ADJUSTMENT: 0

4. MONITOR STATUS

PRIMARY NAVAID:

MONITOR POINT:

HRS OPTN: CAT 1 / CAT 3

5. APPROACH & RUNWAY LIGHTING

X	ALSF-2 10, 28, 08L, 27L, 09R
	(S) SALS
X	MALS 27R MALSR 09L, 26L, 26R
X	HIRL 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R
	MIRL
	REIL
X	TDZ 10, 28, 08L, 27L, 26R, 09R
X	C/L 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R
X	OTHER (SPECIFY) PAPI-4R 09L, 27L, 27R PAPI-4L 08L, 08R, 26L, 26R, 09R

6. RUNWAY MARKINGS

BASIC

ALL WEATHER PIR-G 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R

INSTRUMENT

7. RUNWAY VISUAL RANGE

APPROACH 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R

MIDFIELD 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R

ROLL OUT 09L, 10, 28, 08L, 08R, 27L, 26L, 26R, 09R, 27R

8. GLIDE PATH

GP ANGLE: 3.00 — ELEV RWY THRESHOLD: 1023.8

DISTANCE FROM RWY: — ELEV GP ANTENNA:

THRESHOLD CROSSING HEIGHT: 53.1

9. FINAL APPROACH COURSE AIMING

X RUNWAY THRESHOLD — FT. FROM THRESHOLD

X ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: KELLY DEAN — DATE: 04/27/2012

TITLE: AERONAUTICAL INFORMATION SPECIALIST — OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.

FLIGHT CHECK RDH 53.06 FT, (ORDER 8260.3B CHG 19).

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/66.6

NO ADDITIONAL AIRSPACE REQUIRED.

INITIAL OBSTACLE (#1) 1430 MSL TOWER 13-002953 UTILIZES 4D AC VERIFIED BY FLIGHT CHECK ON ORIGINAL PROCEDURE.

FINAL AND MISSED APPROACH OBSTACLE (#7) 1123 MSL TOWER UTILIZES 4D AC PER OE 2005-ASO-6214.
FINAL OBSTACLE (#8) 1157 MSL TOWER UTILIZES 4D AC PER OE 2002-ASO-4670.

INTERMEDIATE SEGMENT VEB ROC RNP 0.30 FINAL:

GLIDEPATH ANGLE	3.00
LTP MSL ELEVATION	1023.8
TCH	53.1
OCS SLOPE	20.94
OCS ORIGIN DISTANCE	3733.40
OBSTACLE DISTANCE	73992.93
VEB ROC	589
GP MSL ALT AT OBSTACLE	5085.90
OCS MSL ATL AT OBSTACLE	4497.36

TITLE ESTABLISHED PER OPERATOR REQUEST.

PER ATL ATC: RNAV (RNP) TO MIRROR CURRENT ILS AND RNAV (GPS) PROCEDURES.

RNP PROCEDURES RNP 0.11 AND 0.15 DEVELOPED AT USER REQUEST FOR FUTURE IMPLEMENTATION.

BARO-VNAV NA ABOVE 54C (130F).

ACT: -9.44C

RNP SAAR AFS-420 VEB OCS ORIGIN AND SLOPE CALCULATIONS:

RNP	0.11	0.15	0.30
SEG ALT:	2800	2800	2800
LTP ELEV:	1023.8	1023.8	1023.8
GP ANGLE:	3.00	3.00	3.00
TCH	53.1	53.1	53.1
ISA LOW	-22.39	-22.39	-22.39
WINGSPAN < 262			
LTP ORIGIN:	2449.27	2651.31	2733.40
OCS SLOPE RATIO:	20.97:1	20.96:1	20.94:1

80:1 CLEARWAY PLANE PENETRATED:
KATL0051 1041 ANT ON BLDG , KATL0052 1040 OL ON LOC, GQS NOT PENETRATED.

EXCEPT FOR MISSED APPROACH (FAAO 8260.38), SAAR FAAO 8260.52 CRITERIA USED.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
MISSED APPROACH	DA	BAMSE (40:1)	7.		1123 (4D)	ASC	AC50	
(RNP 0.15 FINAL)		LEVEL SURFACE	9.		1357 (1A)	1000	AC3	2400
		AIRSPACE	10.		1063 (1100)		AS1500	2600
MISSED APPROACH	BAMSE	CRTER (40:1)				ASC		
(RNP 0.15 FINAL)		LEVEL SURFACE	11. TOWER (13-001251)	334104.00N/0841723.00W	1379 (5D)	1000	AC50	2500
		AIRSPACE	12. TERRAIN	334318.00N/0841857.00W	1021 (1000)		AS1500	2500
MISSED APPROACH	CRTER	TROYS (40:1)				ASC		3500
(RNP 0.15 FINAL)		LEVEL SURFACE	13. TOWER (13-001299)	334534.00N/0842005.00W	2049 (2C)	1000	AC20	3100
		AIRSPACE	14. TERRAIN	335400.00N/0842251.00W	1067 (1100)		AS1500	2600
MISSED APPROACH	DA	BAMSE (40:1)				ASC		
(RNP 0.30 FINAL)		LEVEL SURFACE	9.		1357 (1A)	1000	AC3	2400
		AIRSPACE	10.		1063 (1100)		AS1500	2600
MISSED APPROACH	BAMSE	CRTER (40:1)				ASC		
(RNP 0.30 FINAL)		LEVEL SURFACE	11.		1379 (5D)	1000	AC50	2500
		AIRSPACE	12.		1021 (1000)		AS1500	2500
MISSED APPROACH	CRTER	TROYS (40:1)				ASC		3500
(RNP 0.30 FINAL)		LEVEL SURFACE	13.		2049 (2C)	1000	AC20	3100
		AIRSPACE	14.		1067 (1100)		AS1500	2600

2. PROCEDURE TURN

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)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ATLANTA, GA	ELEVATION: 1026 AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (RNP) Z RWY 8R, ORIG-D	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	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: BAMSE **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333848.46N/0842114.81W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
DELETED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/24/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL APP CON/ATCT
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: BBURG **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333848.10N/0843241.32W **TYPE:** WP, RADAR, INT, DME

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	ATLANTA	I-ATL	LOC/DME		274.97	269.97	7.15	7.15		2800	5500
2	FLANC	FT	LOM		150.72	145.72		8.38		2800	17500

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8R	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP)Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/23/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL/ATL
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: CHINN **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333847.18N/0844057.86W **TYPE:** WP, RADAR, INT, DME

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	ATLANTA	I-ATL	LOC/DME		274.97	269.97	14.06	14.06		4000	5500
2	FLANC	FT	LOM		202.52	197.52		7.28		4000	17500

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES
I-ATL GS ESV R-275 13NM 4000-5500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8R	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP, AREA

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/23/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL/ATL
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CRTER **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334320.05N/0841642.00W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
DELETED FAC 1.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/25/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL/ATL
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PRMAN **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333845.74N/0844903.89W **TYPE:** WP, RADAR, INT, DME

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	ATLANTA	I-ATL	LOC/DME		274.97	269.97	20.82	20.82		4000	6000
2	FLANC	FT	LOM		237.16	232.16		11.34		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-ATL	LOC/DME	R-275	21	4000	6000

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8R	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
DELETE FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/23/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL/ATL
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: STUMP **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333847.79N/0843604.45W **TYPE:** WP, RADAR, INT, DME

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	ATLANTA	I-ATL	LOC/DME		274.97	269.97	9.97	9.97		3700	5500
2	FLANC	FT	LOM		169.73	164.73		7.18		3700	17500

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8R	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8R			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/23/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL/ATL
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TROYS **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 335246.30N/0842606.26W **TYPE:** WP, INT, DME

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	ATLANTA	ATL	VORTAC	H	005.00	360.00	15.00	15.00		3500	17500
2	ROME	RMG	VORTAC	H	115.22	116.22	38.11	38.11		3500	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	ATL	VORTAC	005.00	185.00	R	1		3500	14000	6	12
2	N		WP	005.00	185.00	R		5	3500	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	340354.00N/0842715.00W	1716	4E
2	200	STACK (13-000583)	334929.00N/0842829.00W	1605	1A

REMARKS:
ATLANTA (FAC 1) AND ROME (FAC 2) USED TO ESTABLISH FIX COORDINATES
HOLDING LIMITED TO ESTABLISHED PATTERNS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 26L	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26R	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 8L	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 8R	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26L (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (CAT II) (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8L (CAT II) (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8L (CAT III) (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS RWY 26R (CAT II)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS RWY 8L (CAT II)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS RWY 8L (CAT III)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 26L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 26R		2	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 8R		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 26L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 26R		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 8R		2	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
FAC 1 MAG BRG CHANGED FROM 360 TO 5.
DELETED FAC 3.
ADDED FIX MAKE UP TO REMARKS.
HOLDING PATTERNS 1 AND 2 CHANGED FROM 180 AND 182 TO 185.

DEVELOPED BY: **DATE:** 04/18/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZTL
ATC FACILITY: ATL

QUALITY CHECKED

OTHER:

QUALITY CHECKED