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
VARNM (IAF)	QUEDE (FB)	094.78 / 3.14	6000
QUEDE	HITTT (FB)	094.78 / 3.14	5000
HITTT (IF)	ZABEL (FB)	094.85 / 3.14	4000
ZABEL	KIMMS (FB)	094.85 / 4.08	2700
KIMMS (FAF)	RW09L (MAP) (FO)	094.93 / 5.03	
RW09L (MAP)	1219 MSL	094.93	
1219 MSL	LEADR (FB)		
LEADR	CONNI (FO)	092.39 / 27.68	4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09L

CLIMB TO 4000 DIRECT LEADR AND ON TRACK 092.39 TO CONNI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VARNM
3. FAC: 094.93 FAF: KIMMS DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: VARNM 7000, QUEDE 6000, HITTT 5000, ZABEL 4000, KIMMS 2700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: KIMMS 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.0 34:1 IS CLEAR
8. MSA FROM: RW09L 3100

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 272.01 INBOUND.
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.23 MILES TO RW09L*
*LNAV ONLY.
WAAS CHANNEL # 62800
REFERENCE PATH ID: W09A
LTP HAE: 281.1 M
CHART LOC RWY 8L/R AND 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
LPV DA	1219	2400	200	1219	2400	200	1219	2400	200	1219	2400	200			
LNAV/VNAV DA	1477	5000	458	1477	5000	458	1477	5000	458	1477	5000	458			
LNAV MDA	1480	2400	461	1480	2400	461	1480	4000	461	1480	5000	461			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1026 TDZE: 1019 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (GPS) Y RWY 9L, AMDT 2B, 11/15/2012	AMDT: 2A
				DATED 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		11/15/2012

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X ZTL, ATL APP CON, ATL ATCT, AIRPORT MANAGER

FLIGHT CHECKED BY		
NAME: MICHAEL EDWARD WILSON	FIFO FIOG	DATE: 02/23/2007
DEVELOPED BY		
NAME: KELLY DEAN	FIFO AJV-352	DATE: 05/02/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. LINE 3 FAC CHANGED FROM 091.93 TO 094.93.
2. TERMINAL ROUTE FROM VARNM (IAF) TO QUEDE COURSE AND DISTANCE CHANGED FROM 091.78 / 3.14 TO 094.78 / 3.14.
3. TERMINAL ROUTE FROM QUEDE TO HITTT COURSE AND DISTANCE CHANGED FROM 091.78 / 3.14 TO 094.78 / 3.14.
4. TERMINAL ROUTE FROM HITTT (IF) TO ZABEL COURSE AND DISTANCE CHANGED FROM 091.85 / 3.14 TO 094.85 / 3.14.
5. TERMINAL ROUTE FROM ZABEL TO KIMMS COURSE AND DISTANCE CHANGED FROM 091.85 / 4.08 TO 091.85 / 4.08.
6. TERMINAL ROUTE FROM KIMMS (FAF) TO RW09L COURSE AND DISTANCE CHANGED FROM 091.93 / 5.03 TO 094.93 / 5.03.
7. MISSED APPROACH TRACK FROM LEADR TO CONNI CHANGED FROM 089.39 TO 092.39.
8. CHANGED HIGH TEMP LIMITATION FROM 46C (114F) TO 54C (130F).

REASONS:

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

8/24/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/20/12.

1. 8260-10 PAGES 4-6 CHANGED AIRPORT NAME FROM HARTSFIELD-JACKSON ATLANTA I TO HARTSFIELD-JACKSON ATLANTA INTL.

NOTES, (CONT.):
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 8L, ILS RWY 8L (CAT II), ILS RWY 8L (CAT III), ILS OR LOC RWY 8R, ILS RWY 8R (CAT II), ILS RWY 8R (CAT III), 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.
CHART NOTE: FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

QUALITY CHECKED 4

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATL
RUNWAY	RW09L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	333804.9360N
LTP/FTP LONGITUDE	0842652.6805W
LTP/FTP ELLIPSOIDAL HEIGHT	+02811
FPAP LATITUDE	333804.9310N
FPAP LONGITUDE	0842432.0705W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	37F62F45

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03105
FPAP ORTHOMETRIC HEIGHT	+03105

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CONNI K70    C   L N33391632W083490093                          W0051     NAR          CONNI
        SUSAEAENRT   HITTT K70    C     N33380394W084413342                          W0045     NAR          HITTT
        SUSAEAENRT   KIMMS K70    C     N33380474W084325438                          W0046     NAR          KIMMS
        SUSAEAENRT   LEADR K70    W     N33380493W084220835                          W0047     NAR          LEADR
        SUSAEAENRT   QUEDE K70    C     N33380340W084451909                          W0045     NAR          QUEDE
        SUSAEAENRT   VARNM K70    C     N33380275W084490476                          W0044     NAR          VARNM
        SUSAEAENRT   ZABEL K70    C     N33380436W084374775                          W0045     NAR          ZABEL

                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 KATLK7FR09LY AVARNM 010VARNMK7EA0E  A    IF                                  + 07000     18000                  A JS
        SUSAP KATLK7FR09LY AVARNM 020QUEDEK7EA0E     010TF                     09480031    + 06000                            A JS
        SUSAP KATLK7FR09LY AVARNM 030HITTTK7EA0EE B 010TF                      09480031    + 05000                            A JS
        SUSAP KATLK7FR09LY R      010HITTTK7EA0E  I    IF                                  + 05000     18000                  A JS
        SUSAP KATLK7FR09LY R      011ZABELK7EA0E S  051TF                      09490031    + 04000                            A JS
        SUSAP KATLK7FR09LY R      020KIMMSK7EA1E  F 051TF                      09490041    + 02700                  RW09L K7PGA JS
        SUSAP KATLK7FR09LY R      020KIMMSK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KATLK7FR09LY R      030RW09LK7PG0GY M 031TF                      09490050      01075            -300            A JS
        SUSAP KATLK7FR09LY R      040          0  M     CA                     0949        + 01219                            A JS
        SUSAP KATLK7FR09LY R      050LEADRK7EA0E       DF                                                                      A JS
        SUSAP KATLK7FR09LY R      060CONNIK7EA0EY   010TF                      0924        + 04000                            A JS
        SUSAP KATLK7FR09LY R      070CONNIK7EA0EE  L   HM                      27200050    + 04000                            A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7GRW09L   0123900950 N33380494W084265268-0300    +0281101019000056150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATLK7PR09LY RW09L001Y0000W09A0N3338049360W08426526805+028110300N3338049310W08424320705106750000000560F40035037F62F45
        SUSAP KATLK7PR09LY RW09L002E      +03105+03105LPV       62800

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 1026 TDZE: 1019	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (GPS) Y RWY 9L, AMDT 2B, 11/15/2012	AMDT: 2A
				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:

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```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
                                                                                                                                        M
        SUSAP KATLK7SRW09LK7PG                0   18018003125
```

CITY AND STATE	ELEVATION: 1026 TDZE: 1019	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (GPS) Y RWY 9L, AMDT 2B, 11/15/2012	AMDT: 2A
				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:

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 (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	VARNM	VARNM	010	IAF	IF		FB				AA 07000	
	VARNM	QUEDE	020		TF		FB	1.0	094.8(089.8T)	003.1	AA 06000	
	VARNM	HITTT	030		TF		FB	1.0	094.8(089.8T)	003.1	AA 05000	
		HITTT	010	FACF	IF		FB				AA 05000	
		ZABEL	011	SDF	TF		FB	0.5	094.9(089.9T)	003.1	AA 04000	
		KIMMS	020	FAF	TF		FB	0.5	094.9(089.9T)	004.1	AA 02700	
		RW09L	030	MAP	TF		FO	0.3	094.9(089.9T)	005.0	AT 01075	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.9(089.9T)		AA 01219	
	LEADR	050		DF		FB					
	CONNI	060		TF		FO	1.0	092.4(087.4T)		AA 04000	
	CONNI	070		HM	L	FO		272.0(267.0T)	005.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CONNI	N333916.32	W0834900.93	N3339.272	W08349.016
	HITTT	N333803.94	W0844133.42	N3338.066	W08441.557
	KIMMS	N333804.74	W0843254.38	N3338.079	W08432.906
	LEADR	N333804.93	W0842208.35	N3338.082	W08422.139
	QUEDE	N333803.40	W0844519.09	N3338.057	W08445.318
	VARNM	N333802.75	W0844904.76	N3338.046	W08449.079
	ZABEL	N333804.36	W0843747.75	N3338.073	W08437.796
	RW09L	N333804.94	W0842652.68	N3338.082	W08426.878

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09L	01019	56

CITY AND STATE	ELEVATION: 1026	TDZE: 1019	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: NTLHARTSFIELD - JACKSON ATLANTA INTL		RNAV	RNAV (GPS) Y RWY 9L, AMDT 2B, 11/15/2012	AMDT: 2A
					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	VARNM	QUEDE	1. AAO	334202.96N/0844609.91W	1439 (2C)	1000	AT3561	6000
			2. TERRAIN	334202.96N/0844609.91W	1239 (1200)		AS1500	2700
INITIAL: STEPDOWN	QUEDE	HITTT	1. AAO	334202.96N/0844609.91W	1439 (2C)	1000	AT2561	5000
			3. TERRAIN	334200.00N/0844524.00W	1142 (1100)		AS1500	2600
INTERMEDIATE	HITTT	ZABEL	4. AAO	333941.44N/0844229.49W	1239 (2C)	500	AT2261	4000
			5. TERRAIN	333721.00N/0844006.00W	988 (1000)		AS1500	2500
INTERMEDIATE:	ZABEL	KIMMS	6. AAO	333736.52N/0843345.86W	1239 (2C)	500	AT961	2700
STEPDOWN			7. TERRAIN	333736.52N/0843345.86W	1039 (1000)		AS1500	2500
FINAL: LPV	KIMMS	RW09L				ASC		1219/200
FINAL: LNAV/VNAV	KIMMS	RW09L	8. ANT ON BLDG	333733.11N/0842739.18W	1188 (1A)	PDA		1477/458
			(KATL0149)					
FINAL: LNAV	KIMMS	RW09L	9. TOWER (13-000058)	333747.00N/0842909.00W	1219 (2A)	250		1480
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW09L	CONNI				ASC		4000
			10. TOWER (13-001958)	333751.00N/0840454.00W	1417 (2C)	1000		2500
ELEV:	1050/1189/1230		11. TERRAIN	333900.00N/0842700.00W	1063 (1100)		AS1500	2600

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: RW09L

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-003629)	039/ 07.9	2049 (2C)	3100					

CITY AND STATE	ELEVATION: 1026 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	RNAV	RNAV (GPS) Y RWY 9L, AMDT 2B, 11/15/2012	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZTL ARTCC ATL APP CON ATL TOWER		N W S	OTHER: ASOS	SOURCE: KATL
		F A A		DISTANCE:
		A / C		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	
	HRS OPTN: 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: 1018.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 56.0
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: 05/02/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

FLIGHT CHECK RDH 55.95 FT, (ORDER 8260.3B CHG 19).

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

2. ASOS ON SERVICE A, TDWR
3. KATL, BACK-UP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES

NO ADDITIONAL AIRSPACE REQUIRED.

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

TITLE ESTABLISHED PER OPERATOR REQUEST.

BARO-VNAV NA ABOVE 54C (130F)

MSA OBSTACLE 13-003629 VERIFIED TOWER LAT/LONG 334440.90N/0842135.70W, AC 2C PER 1999-ASO-3660-OE.

VGSI 3.00/TCH 70.6

LPV
INNER SURFACE = 27.03:1
OUTER SURFACE = 34:1
LNAV/VNAV
INNER SURFACE = 23.4:1
OUTER SURFACE = 34:1
ISA DEVIATION -30

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CONNI **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333916.32N/0834900.93W **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	092.01	087.01	31.00	31.00		2500	17500
2	MACON	MCN	VORTAC	H	350.62	351.62		58.32		4000	17500
3	ATHENS	AHN	VORTAC	L	234.64	234.64		30.23		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCN	VORTAC	R-351	59	40	175

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	E	ATL	VORTAC	092.01	272.01	L	1		4000	6000	6	7
2	E		WP	092.01	272.01	L		5	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-001976)	334243.00N/0834153.00W	1268	2C
2	200	TOWER (13-001976)	334243.00N/0834153.00W	1268	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
ATLANTA (FAC 1) AND MACON (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V18	1, 2				
IAP	VOR/DME RNAV OR GPS RWY 9			KAHN	ATHENS	GA (US)
IAP	ILS OR LOC RWY 9L	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 9R	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (SCP)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT II)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT III)	1, 2	1	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9R		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L		2	KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9R		2	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
CHANGED FAC 1 MAG BRG FROM 087.01 TO 092.01.
HOLDING PATTERN 1 CRS 087.01/267.01 CHANGED TO 092.01/272.01.
HOLDING PATTERN 2 CRS 089.01/269.01 CHANGED TO 092.01/272.01.

DEVELOPED BY: **DATE:** 04/30/2012 **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: HITTT **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333803.94N/0844133.42W **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-HZK	LOC/DME		274.99	269.99	14.04	14.39		2700	5000
2	FLANC	FT	LOM		204.33	199.33		8.11		2700	5000

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES
FAC 1 GLIDESLOPE ESV ON FILE: W CRS/13 NM, 2700-5000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9L	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			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.
CHANGED FAC 1 MAG BRG FROM 271.99 TO 274.99.
CHANGED FAC 2 MAG BRG FROM 201.33 TO 204.33.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/30/2012 **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: KIMMS **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333804.74N/0843254.38W **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-HZK	LOC/DME		274.99	269.99	6.82	7.17	43570	2700	5500
2	FLANC	FT	LOM		154.31	149.31		8.89		2700	5500

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 9L	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM 9L (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
CHANGED FAC 1 MAG BRG FROM 271.99 TO 274.99.
CHANGED FAC 2 MAG BRG FROM 151.31 TO 154.31.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 05/01/2012 **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: LEADR **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333804.93N/0842208.35W **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 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			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:** 05/02/2012 **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: QUEDE **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333803.40N/0844519.09W **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-HZK	LOC/DME		274.99	269.99	17.18	17.53		2700	6000
2	FLANC	FT	LOM		222.24	217.24		9.63		2700	6000

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES
ESV FAC 1 GLIDESLOPE ON FILE: W CRS/16 NM, 2700-6000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9L	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			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.
FAC 1 MAG BRG CHANGED FROM 271.99 TO 274.99.
FAC 2 MAG BRG CHANGED FROM 219.24 TO 222.24.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/30/2012 **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: VARNM **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333802.75N/0844904.76W **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-HZK	LOC/DME		274.99	269.99	20.32	20.67		2700	7000
2	FLANC	FT	LOM		234.46	229.46		11.80		2700	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-HZK	LOC/DME	R-275	21	2700	7000

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

REMARKS:
ATLANTA (FAC 1) AND FLANC (FAC 2) USED TO ESTABLISH FIX COORDINATES
FIX LOCATED ABEAM VINII (IAF) RWY 9R PER ATL ATC

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9L	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
CHANGED FAC 1 MAG BRG FROM 271.99 TO 274.99.
CHANGED FAC 2 MAG BRG FROM 231.46 TO 234.46.
DELETED FAC 3.
UPDATED ESV, REMARKS, AND FIX USE.

DEVELOPED BY: **DATE:** 04/30/2012 **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: ZABEL **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333804.36N/0843747.75W **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-HZK	LOC/DME		274.99	269.99	10.90	11.25		2700	5500
2	FLANC	FT	LOM		181.60	176.60		7.66		2700	5500

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 9L	1, 2		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1, 2		KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) Y RWY 9L			KATL	ATLANTA	GA (US)
IAP	RNAV (RNP) Z RWY 9L			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
CHANGED FAC 1 MAG BRG FROM 271.99 TO 274.99.
CHANGED FAC 2 MAG BRG FROM 178.60 TO 181.60.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/30/2012 **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: