US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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 INT/I-HZK 20.32 DME/RADAR (IAF)	QUEDE INT/I-HZK 17.18 DME/RADAR	094.99 / 3.14 (I-HZK)	6000
QUEDE INT/I-HZK 17.18 DME/RADAR	HITTT INT/I-HZK 14.04 DME/RADAR	094.99 / 3.14 (I-HZK)	5000
HITTT INT/I-HZK 14.04 DME/RADAR (IF)	ZABEL INT/I-HZK 10.90 DME/RADAR	094.99 / 3.14 (I-HZK)	4000
ZABEL INT/I-HZK 10.90 DME/RADAR	KIMMS INT/I-HZK 6.82 DME/RADAR	094.99 / 4.08 (I-HZK)	2700

MISSED APPROACH

ILS: DA

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 ON ATL VORTAC R-092 TO CONNI INT/ATL 31.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 272.01 INBOUND.
CHART LOC RWY 8L.
CHRT LOC RWY 8R.
CHART LOC RWY 10.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VARNM INT/I-HZK 20.32 DME/RADAR
3. FAC: 094.99 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VARNM 7000, QUEDE 6000, HITTT 5000, ZABEL 4000, KIMMS 2700
5. DIST TO THLD FROM OM: 5.03 MM: 0.39 IM: - 150 HAT: - 100 HAT: - GS ANT: 1100
6. MIN GS INCPT: 2700 GS ALT AT: KIMMS 2700 OM: - MM: 1198 IM: -
7. GS ANGLE: 3.00 TCH: 56.0
8. MSA FROM: ATL VORTAC 3100

MAG VAR: 5W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: 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
S-ILS 9L**	1219	2400	200	1219	2400	200	1219	2400	200	1219	2400	200			

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: SIMULTANEOUS CLOSE PARALLEL APPROACH AUTHORIZED WITH ILS PRM RUNWAY 8L OR 8R AND RWY 10. PROCEDURE NOT AUTHORIZED WHEN GLIDE SLOPE NOT AVAILABLE. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1026 TDZE: 1019 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS PRM RWY 9L
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	I-HZK	ILS PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), ORIG-C, 11/15/2012	AMDT: ORIG-B DATED 03/10/2011

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, KATL ATCT, ARPT MGR

FLIGHT CHECKED BY		
NAME: ROY FRANKLIN TURNER	FIFO FIOG	DATE: 02/01/2007

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 091.99 TO 094.99.
2. MISSED APPROACH ATL RADIAL CHANGED FROM 087 TO 092 AND MISSED HOLDING COURSES CHANGED FROM 087.01/267.01 TO 092.01/272.01.
3. ADDED VGSI NOT COINCIDENT NOTE.
4. DELETED WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT.... PLANVIEW AND PROFILE NOTE.
5. ADDED "ADF OR DME OR RADAR REQUIRED NOTE" .
6. TERMINAL ROUTE FROM VARNM INT/I-HZK 20.32 DME/RADAR (IAF) TO QUEDE INT/I-HZK 17.18 DME/RADAR COURSE AND DISTANCE CHANGED FROM 091.99 / 3.14 (I-HZK) TO 094.99 /3.14 (I-HZK).
7. TERMINAL ROUTE FROM QUEDE INT/I-HZK 17.18 DME/RADAR TO HITTT INT/I-HZK 14.04 DME/RADAR COURSE AND DISTANCE CHANGED FROM 091.99 / 3.14 (I-HZK) TO 094.99 / 3.14 (I-HZK).
8. TERMINAL ROUTE FROM HITTT INT/I-HZK 14.04 DME/RADAR (IF) TO ZABEL INT/I-HZK 10.90 DME/RADAR COURSE AND DISTANCE CHANGED FROM 091.99 / 3.14 (I-HZK) TO 094.99 / 3.14 (I-HZK).
9. TERMINAL ROUTE ZABEL INT/I-HZK 10.90 DME/RADAR TO KIMMS INT/I-HZK 6.82 DME/RADAR COURSE AND DISTANCE CHANGED FROM 091.99 / 4.08 (I-HZK) TO 094.00 / 4.08 (I-HZK).

REASONS:

1., 6., 7., 8., 9. I-HZK MAG/VAR CHANGED FROM 2W TO 5W.
2. ATL VORTAC MAG/VAR CHANGED FROM 0W TO 5W.
3. VGSI NOT WITHIN 3 FT.
4. DIRECTED BY ATO, AJW-372, AND IAW 8260.19E.
5. STANDARDIZE WITH ALL OTHER PROCEDURES.

9/10/12: THIS IS A CORRECTED COPY OF THE FORM APPROVED 8/29/12.

8260-10 PAGE 3 ADDED AIRPORT ELEVATION 1026, TDZE 1019 AND FACILITY IDENTIFIER I-HZK.

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 ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: ADF OR DME OR RADAR REQUIRED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 TDZE: 1019 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS PRM RWY 9L
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	I-HZK	ILS PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), ORIG-C, 11/15/2012	AMDT: ORIG-B DATED: 03/10/2011

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:

ILS PRM RWY 9L HARTSFIELD-JACKSON ATLANTA INTL (ATL)
(SIMULTANEOUS CLOSE PARALLEL) ATLANTA, GEORGIA

ATTENTION ALL USERS PAGE (AAUP)

Condensed Briefing Point:

When instructed, immediately switch to the tower frequency and select the monitor frequency audio.

1. **ATIS.** When the ATIS broadcast advises that simultaneous ILS/PRM approaches are in progress, pilots should brief to fly the ILS/PRM approach. If later advised to expect an ILS approach, the ILS/PRM chart may be used after completing the following briefing items:

   (a) **Minimums and missed approach procedures are unchanged.**
   (b) **Monitor frequency no longer required.**
   (c) **A lower glideslope intercept altitude may be assigned when advised to expect an ILS approach.**

2. **Dual VHF Communication required.** To avoid blocked transmissions, each runway will have two frequencies, a primary and a monitor frequency. The tower controller will transmit on both frequencies. The Monitor controller transmissions, if needed, will override both frequencies. Pilots will ONLY transmit on the tower controller's frequency, but will listen to both frequencies. Select the monitor frequency audio only when instructed by ATC to contact the tower. The volume levels should be set about the same on both radios so that the pilots will be able to hear transmissions on at least one frequency if the other is blocked.

3. **All "Breakouts" are to be hand flown** to assure that the maneuver is accomplished in the shortest amount of time. Pilots, when directed by ATC to break off an approach, must assume that an aircraft is blundering toward their course and a breakout must be initiated immediately.

   (a) ATC Directed "Breakouts:" ATC directed breakouts will consist of a turn and a climb or descent. Pilots must always initiate the breakout in response to an air traffic controller instruction. Controllers will give a descending breakout only when there are no other reasonable options available, but in no case will the descent be below minimum vectoring altitude (MVA) which provides at least 1,000 feet required obstruction clearance. The applicable MVA is 2,500 feet at ATL.

   (b) Phraseology - "TRAFFIC ALERT:" If an aircraft enters the "NO TRANSGRESSION ZONE (NTZ)," the controller will breakout the threatened aircraft on the adjacent approach. The phraseology for the breakout will be:

   "TRAFFIC ALERT, (aircraft call sign) TURN (left/right) IMMEDIATELY, HEADING (degrees), CLIMB/DESCEND AND MAINTAIN (altitude)".

Special pilot training required. Pilots who are unable to participate will be afforded appropriate arrival services as operational conditions permit and must notify the controlling ARTCC as soon as practical, but at least 100 miles from destination.

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 INT/I-HZK	QUEDE INT/I-HZK	1. AAO	334203.00N/0844618.00W	1439 (2C)	1000	AT3561	6000
	20.32 DME/RADAR	17.18 DME/RADAR	2. TERRAIN	334203.00N/0844618.00W	1239 (1200)		AS1500	2700
INITIAL: STEPDOWN	QUEDE INT/I-HZK	HITTT INT/I-HZK	1. AAO	334203.00N/0844618.00W	1439 (2C)	1000	AT2561	5000
	17.18 DME/RADAR	14.04 DME/RADAR	3. TERRAIN	334200.00N/0844518.00W	1142 (1100)		AS1500	2600
INTERMEDIATE	HITTT INT/I-HZK	ZABEL INT/I-HZK	4. TOWER (13-002040)	334115.00N/0844143.00W	1281 (4D)	500	AT2219	4000
	14.04 DME/RADAR	10.90 DME/RADAR	5. TERRAIN	334054.00N/0844051.00W	1027 (1000)		AS1500	2500
INTERMEDIATE:	ZABEL INT/I-HZK	KIMMS INT/I-HZK	6. AAO	333736.00N/0843348.00W	1239 (2C)	500	AT961	2700
STEPDOWN	10.90 DME/RADAR	6.82 DME/RADAR	7. TERRAIN	333736.00N/0843348.00W	1039 (1000)		AS1500	2500
FINAL: ILS	KIMMS INT/I-HZK	RW09L				ASC		1219/200
	6.82 DME/RADAR							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA	CONNI INT/ATL				ASC		4000
		31.00 DME	8. TOWER (13-001958)	333751.00N/0840454.00W	1417 (2C)	1000		2500
ELEV:	1050		9. TERRAIN	334115.00N/0840706.00W	1027 (1000)		AS1500	2500

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: ATL VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-000006)	032/ 11.3	2049 (5D)	3100					

CITY AND STATE	ELEVATION: 1026 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ATLANTA, GA	HARTSFIELD - JACKSON ATLANTA INTL	I-HZK	ILS PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), ORIG-C, 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:	I-HZK	
MONITOR POINT:	KATL ATCT	
HRS OPTN:	CAT 1	24
	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: 1100	ELEV GP ANTENNA: 1017	
	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:	DATE:
KELLY DEAN	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.

VGSI DATA: 3.00/70.6

NO ADDITIONAL AIRSPACE REQUIRED.

INTERMEDIATE OBSTACLE (#4) USES 4D AC VERIFIED BY FLIGHT CHECK ON PREVIOUS AMENDMENTS.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD INFO ONLY

NAME: ATLANTA VORTAC **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 333744.66N/0842606.26W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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							45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ON FILE					

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

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (13-003629)	334441.00N/0842136.00W	2049	2C

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BIRMINGHAM			KBHM	BIRMINGHAM	AL (US)
DP	ATLANTA			KATL	ATLANTA	GA (US)
DP	HERKO (RNAV)			KATL	ATLANTA	GA (US)
DP	CHATTANOOGA			KCHA	CHATTANOOGA	TN (US)
DP	KNOXVILLE			KTYS	KNOXVILLE	TN (US)
DP	TITAN (OBSTACLE)			KBNA	NASHVILLE	TN (US)
EN ROUTE	J14					(US)
EN ROUTE	J239					(US)
EN ROUTE	J43					(US)
EN ROUTE	J45					(US)
EN ROUTE	J52					(US)
EN ROUTE	J89					(US)
EN ROUTE	J91					(US)
EN ROUTE	V179					(US)
EN ROUTE	V18					(US)
EN ROUTE	V222					(US)
EN ROUTE	V323					(US)
EN ROUTE	V325					(US)
EN ROUTE	V97					(US)
IAP	ILS OR LOC RWY 08L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 08R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 09L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 09R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 10			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 26R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27R			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 28			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (CAT II)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (CAT III)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08L (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 08R (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 09L (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 09R (CAT II)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 09R (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 09R(CAT III)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (CAT II) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (CAT III)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 10 (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26L (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (CAT II)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 26R (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (CAT II)(SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27L (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 27R (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 28 (CAT II) (SCP)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 08L (CAT III)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 09R (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 10 (CAT II)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 10 (CAT III)			KATL	ATLANTA	GA (US)

IAP	ILS RWY 10 (SA CAT I)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 26R (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 27L (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 28 (CAT II)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 28 (SA CAT I)		KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT III)		KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 31		KFFC	ATLANTA	GA (US)
IAP	NDB RWY 31		KFFC	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 08		KFTY	ATLANTA	GA (US)
IAP	NDB RWY 08		KFTY	ATLANTA	GA (US)
IAP	VOR-A		KFTY	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 20L		KPDK	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 27		KPDK	ATLANTA	GA (US)
IAP	VOR/DME RWY 20L		KPDK	ATLANTA	GA (US)
IAP	VOR/DME RWY 27		KPDK	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 27		KRYY	ATLANTA	GA (US)
IAP	VOR/DME RWY 10		K9A1	COVINGTON	GA (US)
IAP	ILS OR LOC/DME RWY 31		KPUJ	DALLAS	GA (US)
IAP	ILS OR LOC/DME RWY 5		KGVL	GAINESVILLE	GA (US)
IAP	HI-TACAN X RWY 23		KNBC	BEAUFORT	SC (US)
IAP	HI-TACAN Y RWY 23		KNBC	BEAUFORT	SC (US)
IAP	HI-TACAN Z RWY 23		KNBC	BEAUFORT	SC (US)
STAR	CANUK (RNAV)		KATL	ATLANTA	GA (US)
STAR	ERLIN (RNAV)		KATL	ATLANTA	GA (US)
STAR	FLCON (RNAV)		KATL	ATLANTA	GA (US)
STAR	HERKO (RNAV)		KATL	ATLANTA	GA (US)
STAR	HONIE (RNAV)		KATL	ATLANTA	GA (US)
STAR	LA GRANGE		KATL	ATLANTA	GA (US)
STAR	PECHY (RNAV)		KATL	ATLANTA	GA (US)
STAR	ROME		KATL	ATLANTA	GA (US)
STAR	RPTOR (RNAV)		KATL	ATLANTA	GA (US)
STAR	SINCA		KATL	ATLANTA	GA (US)
STAR	WHINZ		KATL	ATLANTA	GA (US)
STAR	AWSON		KPDK	ATLANTA	GA (US)
STAR	BUNNI		KPDK	ATLANTA	GA (US)
STAR	DIFFI		KPDK	ATLANTA	GA (US)
STAR	ADENA (RNAV)		KCLT	CHARLOTTE	NC (US)
STAR	UNARM		KCLT	CHARLOTTE	NC (US)
STAR	VOLLS	1	KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, AREA, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
UPDATED FAC 1 FROM 0E MAGVAR (ACTIVE) TO 5W (PENDING).
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/25/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL CURRAN

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

SIGNATURE:

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

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
EN ROUTE	V18	1, 2				(US)
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:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FLANC LOM **STATE:** GA **COUNTRY:** US

LATITUDE/LONGITUDE: 334543.57N/0843820.26W **TYPE:** 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	FLANC	FT	LOM								17500
2	ATLANTA	I-FTY	LOC		264.69	259.69		6.57		2000	5300
3	ATLANTA	ATL	VORTAC	H	313.03	308.03		12.95		2000	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	W	FT	LOM	264.69	084.69	L	1-1 1/2		2800	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-003385)	334402.00N/0844747.00W	1705	5E

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIR TRAFFIC REQUEST.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE FLANC LOM.
ACTUAL FACILITY LOCATION IS 334544.27N/0843820.41W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8L	1		KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 8R	1		KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 9L	1		KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 9R	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8L (CAT II)(SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8L (CAT III)(SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8L (SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 8R (SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L (SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (CAT II)(SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (CAT III)(SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (SCP)	1		KATL	ATLANTA	GA (US)
IAP	ILS RWY 8L (CAT II)	1		KATL	ATLANTA	GA (US)
IAP	ILS RWY 8L (CAT III)	1		KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT II)	1		KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT III)	1		KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 8	1, 2, 3		KFTY	ATLANTA	GA (US)
IAP	NDB RWY 8	1, 3	1	KFTY	ATLANTA	GA (US)
IAP	VOR-A	1	1	KFTY	ATLANTA	GA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
FIX MOVED 50FT WEST.
ADDED DIST FROM FAC VALUES TO FAC 2 AND FAC 3.
FAC 3 BRG CHANGED FROM 308.06/308.06 TO 313.03/308.03.
HOLDING PATTERN CRS CHANGED FROM 082 TO 084.69.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 04/20/2012 **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
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:

QUALITY CHECKED 4

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: 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: