

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>							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.									
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW09L  CLIMB TO 4000 DIRECT LEADR AND ON TRACK 092.21 TO CONNI AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD E, LT, 272.01 INBOUND. CHART FAS OBST: 1219 TOWER 333747N/0842909W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.22 MILES TO RW09L* *LNAV ONLY. WAAS CHANNEL # 62800 REFERENCE PATH ID: W09D CHART APPROACH TRANSITION FROM AAKAY. LTP HAE: 281.1 M							
RYENN (IAF)		AAKAY (FB)		094.76 / 3.50			6000									
AAKAY		ARRBE (FB)		094.80 / 3.70			5000									
ARRBE (IF)		HRDEY (FB)		094.84 / 3.47			4000									
HRDEY		VINII (FB)		094.88 / 5.03			2700									
VINII (FAF)		RW09L (MAP) (FO)		094.94 / 5.10												
RW09L (MAP)		1219 MSL		094.94												
1219 MSL		LEADR (FB)														
LEADR		CONNI (FO)		092.21 / 25.74			4000									
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT RYENN 3. FAC: <u>094.94</u> FAF: <u>VINII</u> DIST FAF TO MAP: <u>5.10</u> THLD: <u>5.10</u> 4. MIN. ALT: RYENN 7000, AAKAY 6000, ARRBE 5000, HRDEY 4000, VINII 2700 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>VINII 2700</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW09L 3100</u>										MAG VAR: 5W                      EPOCH YEAR: 2015						
<b>MINIMUMS</b>																
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	1405	4000	386	1405	4000	386	1405	4000	386	1405	4000	386				
LNAV MDA	1480	4000	461	1480	4000	461	1480	5000	461	1480	5000	461				
<b>NOTES:</b> CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7C (20F) 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			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP: RNAV (GPS) RWY 9L				
ATLANTA, GA		AIRPORT NAME:			HARTSFIELD - JACKSON ATLANTA INTL		RNAV (GPS) RWY 9L, AMDT 4					AMDT: 3				
							13 NOVEMBER 2014					DATED 05/02/2013				



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.**

**CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500.**

**CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.**

**CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8L OR 8R OR 10, OR RWY 8L AND 10.**

**CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.**

**CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.**



CITY AND STATE

ATLANTA, GA

ELEVATION: 1026

TDZE: 1019

AIRPORT NAME:

HARTSFIELD - JACKSON ATLANTA INTL

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 9L, AMDT 4**  
13 NOVEMBER 2014

SUP:	RNAV (GPS) Y RWY 9L
AMDT:	3
DATED:	05/02/2013

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**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	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09D
LTP/FTP LATITUDE	333804.9360N
LTP/FTP LONGITUDE	0842652.6805W
LTP/FTP ELLIPSOIDAL HEIGHT	+02811
FPAP LATITUDE	333804.9300N
FPAP LONGITUDE	0842426.1580W
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**

E01770FD

**ADDITIONAL PATH POINT RECORD INFORMATION**

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

QUALITY  
4  
CHECKED

CITY AND STATE

ATLANTA, GA

ELEVATION: 1026

TDZE: 1019

AIRPORT NAME:

HARTSFIELD - JACKSON ATLANTA INTL

 FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9L, AMDT 4

13 NOVEMBER 2014

SUP: RNAV (GPS) Y RWY  
9L

AMDT: 3

DATED: 05/02/2013

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KATLK7FR09L	AAAKAY	010AAKAYK7EA0E		IF				+	06000	18000		A JS
SUSAP	KATLK7FR09L	AAAKAY	020ARRBEK7EA0EE	B	010TF		09480037		+	05000			A JS
SUSAP	KATLK7FR09L	ARYENN	010RYENNK7EA0E	A	IF				+	07000	18000		A JS
SUSAP	KATLK7FR09L	ARYENN	020AAKAYK7EA0E		010TF		09480035		+	06000			A JS
SUSAP	KATLK7FR09L	ARYENN	030ARRBEK7EA0EE	B	010TF		09480037		+	05000			A JS
SUSAP	KATLK7FR09L	R	010ARRBEK7EA0E	I	IF				+	05000	18000		A JS
SUSAP	KATLK7FR09L	R	011HRDEYK7EA0E	S	051TF		09480035		+	04000			A JS
SUSAP	KATLK7FR09L	R	020VINIIK7EA1E	F	051TF		09490050		+	02700		RW09L K7PGA	JS
SUSAP	KATLK7FR09L	R	020VINIIK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KATLK7FR09L	R	030RW09LK7PG0GY	M	031TF		09490051		01075		-300		A JS
SUSAP	KATLK7FR09L	R	040	0	M	CA	0949		+	01219			A JS
SUSAP	KATLK7FR09L	R	050LEADRK7EA0E		DF								A JS
SUSAP	KATLK7FR09L	R	060CONNIK7EA0EY		010TF		0922		+	04000			A JS
SUSAP	KATLK7FR09L	R	070CONNIK7EA0EE	L	HM		27200040		+	04000			A JS

[illegible]

QUALITY  
4  
CHECKED

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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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
-----													
SUSAP KATLK7SRW09LK7PG	0 18018003125										M		



CITY AND STATE <b>ATLANTA, GA</b>	ELEVATION: <b>1026</b>	TDZE: <b>1019</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 9L, AMDT 4</b> 13 NOVEMBER 2014	SUP: <b>RNAV (GPS) Y RWY 9L</b>
	AIRPORT NAME: <b>HARTSFIELD - JACKSON ATLANTA INTL</b>				AMDT: <b>3</b>
					DATED: <b>05/02/2013</b>

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AAKAY	AAKAY	010		IF		FB				AA 06000	
	AAKAY	ARRBE	020		TF		FB	1.0	094.8 (089.8T)	003.7	AA 05000	
	RYENN	RYENN	010	IAF	IF		FB				AA 07000	
	RYENN	AAKAY	020		TF		FB	1.0	094.8 (089.8T)	003.5	AA 06000	
	RYENN	ARRBE	030		TF		FB	1.0	094.8 (089.8T)	003.7	AA 05000	
		ARRBE	010	FACF	IF		FB				AA 05000	
		HRDEY	011	SDF	TF		FB	0.5	094.8 (089.8T)	003.5	AA 04000	
		VINII	020	FAF	TF		FB	0.5	094.9 (089.9T)	005.0	AA 02700	
		RW09L	030	MAP	TF		FO	0.3	094.9 (089.9T)	005.1	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	092.2 (087.2T)		AA 04000	
	CONNI		070		HM	L	FO		272.0 (267.0T)	004.0	AA 04000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		AAKAY	N333803.02		W0844735.88		N3338.050		W08447.598			
		ARRBE	N333803.72		W0844309.99		N3338.062		W08443.167			
		CONNI	N333916.32		W0834900.93		N3339.272		W08349.016			
		HRDEY	N333804.24		W0843900.64		N3338.071		W08439.011			
		LEADR	N333804.86		W0841948.70		N3338.081		W08419.812			
		RYENN	N333802.21		W0845147.39		N3338.037		W08451.790			
		VINII	N333804.74		W0843259.43		N3338.079		W08432.991			
		RW09L	N333804.94		W0842652.68		N3338.082		W08426.878			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW09L	01019		56							



CITY AND STATE <b>ATLANTA, GA</b>	ELEVATION: <b>1026</b>	TDZE: <b>1019</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: <b>RNAV (GPS) RWY 9L</b>	
	AIRPORT NAME: <b>HARTSFIELD - JACKSON ATLANTA INTL</b>			<b>RNAV</b>	<b>RNAV (GPS) RWY 9L, AMDT 4</b>  13 NOVEMBER 2014	AMDT: <b>3</b>
						DATED: <b>05/02/2013</b>