

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) PRM STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
HARTSFIELD - JACKSON ATLANTA INTL	KATL	RNAV (GPS) PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL)	ORIG-C	ATLANTA	GA
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>
1026	1019	RNAV (GPS) PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL)	ORIG-B	10/12/2017	5W
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u>
RNAV		12 SEPTEMBER 2019	ROUTINE		2015

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
RYENN	IAF	AAKAY		TF	FB	1.00	094.76	3.50	6000
AAKAY		ARRBE		TF	FB	1.00	094.80	3.70	5000
ARRBE	IF	HRDEY		TF	FB	1.00	094.84	3.47	4000
HRDEY		VINII	PFAF	TF	FB	1.00	094.88	5.03	2700
VINII	PFAF	RW09L	MAP	TF	FO	0.30	094.94	5.10	
RW09L	MAP	1359 MSL		CA			094.94		
1359 MSL		LEADR		DF	FB	1.00			
LEADR		CONNI		TF	FO	1.00	092.21	25.74	4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT LEADR AND ON TRACK 092.21 TO CONNI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT RYENN

3. FAC: 094.94

PFAF: VINII

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: RYENN 7000, AAKAY 6000, ARRBE 5000, HRDEY 4000, VINII 2700

5. DIST TO THLD FROM PFAF: 5.10

MM:

IM:

150 HAT:

340 HAT: 0.89

GS ANT:

6. MIN GP INCPT: 2700

GP ALT AT PFAF : VINII 2700

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 56.0

8. MSA FROM: RW09L 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS CLOSE PARALLEL APPROACH AUTHORIZED WITH ILS PRM AND RNAV PRM RWY 8L OR 8R OR 10, OR RWYS 8L AND 10, OR RWYS 8R AND 10.
CHART NOTE: DUAL VHF COMM REQUIRED.
CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CODE APPROACH TRANSITION FROM AAKAY.
WAAS CHANNEL #62800
REFERENCE PATH ID: W09D
HOLD E, LT, 272.01 INBOUND
LTP HAE: 281.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1359	4000	340	1359	4000	340	1359	4000	340	1359	4000	340			
LNAV/VNAV DA	1405	4000	386	1405	4000	386	1405	4000	386	1405	4000	386			



CHANGES - REASONS

AMDT 4A:
DELETED NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS - INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS. RVR 2400 DOES NOT REQUIRE THE NOTE.

AMDT 4B:
1. CHART **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA - IAW MEMO FROM AFS-400 AUTHORIZING 1800 RVR FOR LPV AND GLS APPROACH PROCEDURES.
2. CHANGE LPV DA TO LPV DA** - IAW MEMO FROM AFS-400 AUTHORIZING 1800 RVR FOR LPV AND GLS APPROACH PROCEDURES.

AMDT 4C:
1. CHANGED LPV FROM DA 1219/HAT 200 TO DA 1359/HAT 340 VIS FROM RVR 2400 TO RVR 4000 DUE TO LPV PENETRATOR 1129 FT MSL ELEVATOR (13-002840) (AC 1A) 333806.94N/0842739.25W PENETRATES BY 0.04 FT WHICH RAISES HAT TO 263, THEN BECOMES A MISSED PENETRATION WHICH RAISES THE HAT TO 340.
2. CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY TO RVR 6000. NEW INOPERATIVE ALS NOTE PER .3B VISIBILITY TABLES.
3. DELETE NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. NOT APPLICABLE TO HAT OF 340.
4. ADDED PBN NOTE: RNP APCH IAW 8260.19H PARA 8-6-8B(1).
5. CHANGED FINAL TITLE FROM LPV** TO LPV - THE NOTE REF THE RVR 1800 NO LONGER APPLIES WITH LPV HAT OF 340.
6. DELETED PLANVIEW NOTE: RADAR REQUIRED - PER .19H PARA 8-6-9G NOTE.
7. CHANGED LINE 5 200 HAT: 0.45 TO 340 HAT: 0.89 - LPV HAT INCREASE REF FINAL/MA OBSTACLE.
8. LINE 7 ADDED 20:1 IS CLEAR - REVISED CRITERIA.
9. DELETED NOTE: DME/DME RNP-0.3 NA - REVISED CRITERIA.
10. DELETED FAHRENHEIT LOW/HIGH TEMPS FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS NOTE - REVISED CRITERIA.
11. FAS DATA BLOCK INFORMATION CHANGED FPAP LAT/LONG FROM 333804.9300N/0842426.1580W TO 333804.9295N/0842426.1455W AND VERTICAL ALERT LIMIT (VAL) FROM 35 TO 50 AND CRC REMAINDER FROM E01770FD TO BA94536C - FPAP TARGETS DERIVED AND VAL REF LPV HAT INCREASED FROM 200 TO 340.
12. CHANGED TERMINAL ROUTES "ARRBE TO HRDEY" AND "HRDEY TO VINII" RNP VALUE FROM 0.50 TO 1.00 - REVISED CRITERIA.
13. CHANGED TERMINAL ROUTE "RW09L TO 1219 MSL" TO "RW09L TO 1359 MSL" AND TERMINAL ROUTE "1219 MSL TO LEADR" TO "1359 MSL TO LEADR" - LPV DA INCREASE.
14. ADDED (VGSI ANGLE {ANGLE}/TCH {FEET}) TO VGSI NON COINCIDENT NOTE - REVISED CRITERIA.
15. TERMINAL ROUTE 1359 MSL TO LEADR ADDED RNP VALUE 1.00 - REVISED CRITERIA.
16. CHANGED ALTERNATE MINIMUMS FROM NA TO STANDARD - REVISED CRITERIA.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZTL, ATL APP CON, ATL ATCT, AIRPORT MANAGER,

<u>FLIGHT CHECKED BY</u> JEFFREY ECKMAN	<i>Digitally signed by</i> MARK D ADAMS Jun 07, 2019	<u>OFFICE</u> FICO	<u>DATE</u> 6/4/19
<u>DEVELOPED BY</u> GEORGE H. TRAMMELL	<i>Digitally signed by</i> GEORGE H TRAMMELL May 10, 2019	<u>OFFICE</u> AJV-A412	<u>DATE</u> 04/03/2019
<u>APPROVED BY</u> JULIE MORGAN	<i>Digitally signed by</i> MARK D ADAMS Jun 07, 2019	<u>OFFICE</u> AJV-A410	<u>TITLE</u> MANAGER



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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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	333804.9295N
FPAP LONGITUDE	0842426.1455W
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)	50.0

CRC REMAINDER	BA94536C
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ADDITIONAL PATH POINT RECORD INFORMATION

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

