

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
SMKEY	TWO	SMKEY2.SMKEY	ONE	02/04/2016	10 NOV 2016
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8L: CLIMB HEADING 094.97 TO INTERCEPT COURSE 083.36 TO RONII, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO HOYYT, THENCE...
TAKEOFF RWY 8R: CLIMB HEADING 094.97 TO INTERCEPT COURSE 082.28 TO RONII, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO HOYYT, THENCE...
TAKEOFF RWY 9L: CLIMB HEADING 094.99 TO 1527, THEN DIRECT PICKT, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO HOYYT, THENCE...
TAKEOFF RWY 9R: CLIMB HEADING 094.97 TO 1527, THEN DIRECT PICKT, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO HOYYT, THENCE...
TAKEOFF RWY 10: CLIMB HEADING 094.96 TO 1527, THEN DIRECT PICKT, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO HOYYT, THENCE...
TAKEOFF RWY 26L: CLIMB HEADING 274.99 TO INTERCEPT COURSE 299.91 TO MPASS, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO ZELAN, THENCE...
TAKEOFF RWY 26R: CLIMB HEADING 274.99 TO INTERCEPT COURSE 298.72 TO MPASS, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO ZELAN, THENCE...
TAKEOFF RWY 27L: CLIMB HEADING 274.99 TO 1527, THEN DIRECT CPARK, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO ZELAN, THENCE...
TAKEOFF RWY 27R: CLIMB HEADING 275.02 TO 1527, THEN DIRECT CPARK, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO ZELAN, THENCE...
TAKEOFF RWY 28: CLIMB HEADING 274.98 TO 1527, THEN RIGHT TURN DIRECT CPARK, THEN ON DEPICTED ROUTE TO SMKEY, MAINTAIN 250 KIAS TO ZELAN, THENCE...

...MAINTAIN 10000. EXPECT CLEARANCE TO FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
BOBBD	SMKEY2.BOBBD	SMKEY	HUCHH	TRACK 015.97	29.01	10000	6000	
		HUCHH	BOBBD	TRACK 017.88	63.66	10000	7800	

PROCEDURAL DATA NOTES:

NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE CLEARANCE DELIVERY ON INITIAL CONTACT.
NOTE: USE DEPARTURE FREQUENCY DEPICTED UNLESS OTHERWISE ADVISED.
NOTE: FOR TURBOJET AIRCRAFT ONLY.
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: RNAV 1.
NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.
NOTE: TRANSPONDER CODE WILL BE ISSUED VIA PDC OR ATLANTA CLEARANCE DELIVERY.
NOTE: ACCELERATE TO 250 KIAS, IF UNABLE, ADVISE BOTH TOWER AND DEPARTURE CONTROL ON INITIAL CONTACT.
NOTE: AIRCRAFT AT MIDFIELD RAMPS WILL ADVISE RAMP TOWERS OF DEPARTURE SID PRIOR TO PUSHBACK. UPON RECEIPT OF ATC CLEARANCE (FROM ATL CLEARANCE DELIVERY), READBACK ONLY YOUR CALL SIGN AND TRANSPONDER CODE, UNLESS YOU HAVE A QUESTION.

TAKEOFF MINIMUMS:

RWY 8L, 8R, 9L, 9R, 10, 26L, 26R, 27L, 27R, 28, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1527.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 8L, TREES BEGINNING 855 FT FROM DER, 533 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/1048 FT MSL.
NOTE: RWY 8R, TREES BEGINNING 345 FT FROM DER, 488 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/1013 FT MSL. TOWER 4815 FT FROM DER, 1636 FT RIGHT OF CENTERLINE, 151 FT AGL/1148 FT MSL.
NOTE: RWY 9L, COMMUNICATION TOWER 4808 FT FROM DER, 1727 FT LEFT OF CENTERLINE, 133 FT AGL/1129 FT MSL. POLE 4806 FT FROM DER, 1731 FT LEFT OF CENTERLINE, 141 FT AGL/1137 FT MSL.

QUALITY
3
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
SMKEY	TWO	SMKEY2.SMKEY	ONE	02/04/2016	10 NOV 2016

MSL.

NOTE: RWY 10, POLES BEGINNING 58 FT FROM DER, 468 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/1016 FT MSL.

NOTE: RWY 26L, POLE AND BUILDINGS BEGINNING 1247 FT FROM DER, 751 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/1079 FT MSL. TREES BEGINNING 2797 FT FROM DER, 469 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/1103 FT MSL.

NOTE: RWY 26R, POLE 531 FT FROM DER, 619 FT RIGHT OF CENTERLINE, 36 FT AGL/1032 FT MSL. POLE AND TREES BEGINNING 1749 FT FROM DER, 121 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1099 FT MSL. TREES BEGINNING 1988 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/1097 FT MSL. TREES BEGINNING 2811 FT FROM DER, 748 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/1113 FT MSL. POLES, TREES, AND TOWERS BEGINNING 3414 FT FROM DER, 109 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/1137 FT MSL.

NOTE: RWY 27L, ELEVATOR 3937 FT FROM DER, 1255 FT RIGHT OF CENTERLINE, 103 FT AGL/1129 FT MSL.

NOTE: RWY 27R, TERRAIN AND SIGNS BEGINNING 17 FT FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 5 FT AGL/1024 FT MSL. POLE 1012 FT FROM DER, 729 FT RIGHT OF CENTERLINE, 32 FT AGL/1046 FT MSL. AGRICULTURAL EQUIPMENT, ELEVATOR, TOWER, AND TREES BEGINNING 3657 FT FROM DER, 201 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/1141 FT MSL.

NOTE: RWY 28, CATENARY, SIGN, AND TREES BEGINNING 1948 FT FROM DER, 770 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/1067 FT MSL. TREES BEGINNING 3157 FT FROM DER, 1209 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/1097 FT MSL.

CONTROLLING OBSTACLES:

RWY 8R: 1353 FT MSL CONTROL TOWER 333830.20N/0842518.15W (ROUTE DEVELOPMENT).

RWY 9L: 1353 FT MSL CONTROL TOWER 333830.20N/0842518.15W (ROUTE DEVELOPMENT).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KATL 5W EPOCH YEAR: 2015. DME/DME ASSESSMENT: SAT (RNP 2.0).

RECOMMENDED NAVAID: ATL VORTAC (5W).

CHART: TOP ALTITUDE: 10000.

CHART SPEED ICON MANDATORY SPEED 250 KIAS AT HOYYT.

CHART SPEED ICON MANDATORY SPEED 250 KIAS AT ZELAN.

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
HARTSFIELD-JACKSON ATLANTA INTL	ATLANTA	GA

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL

FIXES AND/OR NAVAIDS:

CUMON

REMARKS:

SPEED RESTRICTION NOTES ADDED TO DP ROUTE DESCRIPTION PER ATC REQUEST.

ABBREVIATED AMENDMENT.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
SMKEY	TWO	SMKEY2.SMKEY	ONE	02/04/2016	10 NOV 2016

<u>FLIGHT INSPECTED BY:</u> <i>Digitally signed by</i> <div style="text-align: right; margin-right: 50px;">Aug 01, 2016</div>	<u>OFFICE SYMBOL:</u> <u>DATE:</u> <div style="text-align: center;">FICO 07/20/2016</div>
---	---

<u>DEVELOPED BY:</u> <i>Digitally signed by</i> <div style="text-align: right; margin-right: 50px;">Jun 20, 2016</div>	<u>OFFICE SYMBOL:</u> <u>DATE:</u> <div style="text-align: center;">AJV-5412 06/20/2016</div>
--	---

<u>APPROVED BY:</u> <i>Digitally signed by</i> <div style="text-align: right; margin-right: 50px;">Aug 01, 2016</div>	<u>OFFICE SYMBOL:</u> <u>DATE:</u> <div style="text-align: center;">AJV-5410</div>
---	---

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZTL, ATL APP CON, ATL ATCT, ARPT MGR

CHANGES - REASONS:

1. ADDED CHART NOTE IN ADDITIONAL FLIGHT DATA: SEE ADDITIONAL REQUIREMENTS ON AAUP, PER 8260.46F, APPENDIX E, PARA 14C.
2. ADDED REMARK: ABBREVIATED AMENDMENT, PER 8260.46F, PARA 2-1-6.B(4).

QUALITY
3
CHECKED

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
SMKEY		TWO	SMKEY2.SMKEY				ONE	02/04/2016	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW08L (AER)	333858.32N/0842620.49W	N	-	-	-	-			
	333858.35N/0842307.06W	-	-	VI	089.97	2.69			CG 500 FT/NM TO 1527
RONII	334105.52N/0841044.73W	Y	FB	CF	078.36	10.54			RECOMMENDED NAVAID: ATL VORTAC
HOYYT	335054.53N/0841045.04W	Y	FB	TF	359.97	9.80		AT 250K	
CUMON	335618.88N/0841226.95W	Y	FB	TF	345.33	5.58			
SMKEY	341717.84N/0841542.46W	Y	FB	TF	352.66	21.12			
RW08R (AER)	333848.43N/0842618.10W	N	-	-	-	-			
	333848.46N/0842254.30W	-	-	VI	089.97	2.84			CG 500 FT/NM TO 1527
RONII	334105.52N/0841044.73W	Y	FB	CF	077.28	10.40			RECOMMENDED NAVAID: ATL VORTAC
HOYYT	335054.53N/0841045.04W	Y	FB	TF	359.97	9.80		AT 250K	
CUMON	335618.88N/0841226.95W	Y	FB	TF	345.33	5.58			
SMKEY	341717.84N/0841542.46W	Y	FB	TF	352.66	21.12			
RW09L (AER)	333804.94N/0842652.68W	N	-	-	-	-			
1527 MSL		-	-	VA	089.99	-			CG 500 FT/NM TO 1527
PICKT	333801.46N/0841421.19W	Y	FB	DF	-	-			
RONII	334105.52N/0841044.73W	Y	FB	TF	044.50	4.29			
HOYYT	335054.53N/0841045.04W	Y	FB	TF	359.97	9.80		AT 250K	
CUMON	335618.88N/0841226.95W	Y	FB	TF	345.33	5.58			
SMKEY	341717.84N/0841542.46W	Y	FB	TF	352.66	21.12			
RW09R (AER)	333754.53N/0842652.68W	N	-	-	-	-			
1527 MSL		-	-	VA	089.97	-			CG 500 FT/NM TO 1527
PICKT	333801.46N/0841421.19W	Y	FB	DF	-	-			
RONII	334105.52N/0841044.73W	Y	FB	TF	044.50	4.29			
HOYYT	335054.53N/0841045.04W	Y	FB	TF	359.97	9.80		AT 250K	
CUMON	335618.88N/0841226.95W	Y	FB	TF	345.33	5.58			
SMKEY	341717.84N/0841542.46W	Y	FB	TF	352.66	21.12			
					-	-			

QUALITY
3
CHECKED

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
SMKEY		TWO	SMKEY2.SMKEY				ONE	02/04/2016	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW10 (AER)	333712.98N/0842652.36W	N	-	-	-	-			
1527 MSL		-	-	VA	089.96	-			CG 500 FT/NM TO 1527
PICKT	333801.46N/0841421.19W	Y	FB	DF	-	-			
RONII	334105.52N/0841044.73W	Y	FB	TF	044.50	4.29			
HOYYT	335054.53N/0841045.04W	Y	FB	TF	359.97	9.80		AT 250K	
CUMON	335618.88N/0841226.95W	Y	FB	TF	345.33	5.58			
SMKEY	341717.84N/0841542.46W	Y	FB	TF	352.66	21.12			
RW26L (AER)	333848.46N/0842419.83W	N	-	-	-	-			
	333848.38N/0842745.78W	-	-	VI	269.99	2.87			CG 500 FT/NM TO 1527
MPASS	334134.94N/0843455.31W	Y	FB	CF	294.91	6.59			RECOMMENDED NAVAID: ATL VORTAC
ZELAN	334840.60N/0843450.50W	Y	FB	TF	000.54	7.08		AT 250K	
SMKEY	341717.84N/0841542.46W	Y	FB	TF	029.01	32.70			
RW26R (AER)	333858.35N/0842434.03W	N	-	-	-	-			
	333858.27N/0842748.18W	-	-	VI	269.99	2.70			CG 500 FT/NM TO 1527
MPASS	334134.94N/0843455.31W	Y	FB	CF	293.72	6.49			RECOMMENDED NAVAID: ATL VORTAC
ZELAN	334840.60N/0843450.50W	Y	FB	TF	000.54	7.08		AT 250K	
SMKEY	341717.84N/0841542.46W	Y	FB	TF	029.01	32.70			
RW27L (AER)	333754.56N/0842506.24W	N	-	-	-	-			
1527 MSL		-	-	VA	269.99	-			CG 500 FT/NM TO 1527
CPARK	333804.84N/0843046.21W	Y	FB	DF	-	-			
MPASS	334134.94N/0843455.31W	Y	FB	TF	315.27	4.92			
ZELAN	334840.60N/0843450.50W	Y	FB	TF	000.54	7.08		AT 250K	
SMKEY	341717.84N/0841542.46W	Y	FB	TF	029.01	32.70			
RW27R (AER)*	333804.93N/0842432.07W*	N	-	-	-	-			*DISPL THLD (500 FT)
1527 MSL		-	-	VA	270.02	-			CG 500 FT/NM TO 1527
CPARK	333804.84N/0843046.21W	Y	FB	DF	-	-			
MPASS	334134.94N/0843455.31W	Y	FB	TF	315.27	4.92			
ZELAN	334840.60N/0843450.50W	Y	FB	TF	000.54	7.08		AT 250K	

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
SMKEY		TWO	SMKEY2.SMKEY				ONE	02/04/2016	10 NOV 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SMKEY	341717.84N/0841542.46W	Y	FB	TF	029.01	32.70			
RW28 (AER)	333713.03N/0842505.94W	N	-	-	-	-			
1527 MSL		-	-	VA	269.98	-			CG 500 FT/NM TO 1527
CPARK	333804.84N/0843046.21W	Y	FB	DF	-	-			RIGHT TURN
MPASS	334134.94N/0843455.31W	Y	FB	TF	315.27	4.92			
ZELAN	334840.60N/0843450.50W	Y	FB	TF	000.54	7.08		AT 250K	
SMKEY	341717.84N/0841542.46W	Y	FB	TF	029.01	32.70			
SMKEY	341717.84N/0841542.46W	Y	-	IF	-	-			SMKEY2.BOBBD
HUCHH	344549.23N/0840900.31W	Y	FB	TF	010.97	29.01			
BOBBD	354757.59N/0835133.90W	Y	FB	TF	012.88	63.66			