

**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.
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
BWALL	TWO	BWALL2.BWALL	ONE	01/05/2017	25 APR 2019

<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 checked="" type="checkbox"/>

This is a corrected copy of the procedure published in NFDD 046.
** See Page 4 for details. **

DP ROUTE DESCRIPTION:

GREENVILLE SPARTANBURG INTL

TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO HALJO, THEN ON DEPICTED ROUTE TO BWALL, THENCE... ..ON JLENA TRANSITION. MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

GREENVILLE DOWNTOWN, DONALDSON FIELD, SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD

TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO HALJO, THEN ON DEPICTED ROUTE TO BWALL, THENCE... ..ON JLENA TRANSITION. MAINTAIN 3000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

GREENVILLE SPARTANBURG INTL

TAKEOFF RWY 4: CLIMB HEADING 038.21 TO 2500 BEFORE TURNING LEFT.

GREENVILLE DOWNTOWN

TAKEOFF RWY 1: CLIMB HEADING 006.20 TO 2800 BEFORE TURNING WEST OR NORTHWEST.

TAKEOFF RWY 10: CLIMB HEADING 096.33 TO 1800 BEFORE TURNING WEST OR NORTHWEST.

TAKEOFF RWY 19: CLIMB HEADING 186.20 TO 1800 BEFORE TURNING NORTH.

TAKEOFF RWY 28: CLIMB HEADING 276.32 TO 2300 BEFORE TURNING NORTH OR NORTHWEST.

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>
JLENA	BWALL2.JLENA	BWALL	JLENA	335.31	24.60	12100	6800	

PROCEDURAL DATA NOTES:

NOTE: FOR TURBOJETS ONLY.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT.

NOTE: TRANSPONDER CODE WILL BE ISSUED VIA PDC OR CLNC DEL.

TAKEOFF MINIMUMS:

GREENVILLE SPARTANBURG INTL

RWY 4, 22, STANDARD.

GREENVILLE DOWNTOWN

RWY 1, 19, STANDARD.

RWY 10, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 355 FT PER NM TO 1300.

RWY 28, 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 1500, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAT 1900 FT PRIOR TO DER.

DONALDSON FIELD



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RWY 23, STANDARD.

RWY 5, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 1300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FT PRIOR TO DER.

SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD

RWY 5, 23, STANDARD.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURES (ODP).

CONTROLLING OBSTACLES:

GREENVILLE SPARTANBURG INTL

RWY 4: 3671 FT MSL TOWER 351012.00N/0821726.00W (ROUTE DEVELOPMENT).

GREENVILLE DOWNTOWN

RWY 1, 19 - 2539 FT MSL TOWER 345629.40N/0822440.40W (ROUTE DEVELOPMENT).

RWY 10 - 1173 FT MSL TOWER 345059.00N/0821941.00W. 2539 FT MSL TOWER 345629.40N/0822440.40W (ROUTE DEVELOPMENT).

RWY 28 - 1316 FT MSL BUILDING 345116.95N/0822351.37W. 2539 FT MSL TOWER 345629.40N/0822440.40W (ROUTE DEVELOPMENT).

DONALDSON FIELD

RWY 5 - 1167 FT MSL TOWER 344722.00N/0822116.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KGSP 6W EPOCH YEAR: 2010. DME/DME ASSESSMENT: SAT (RNP 2.0)

GREENVILLE SPARTANBURG INTL - CHART: TOP ALTITUDE 5000.

GREENVILLE DOWNTOWN - CHART: TOP ALTITUDE 3000.

DONALDSON FIELD - CHART: TOP ALTITUDE 3000.

SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD - CHART: TOP ALTITUDE 3000.

CHART: MEA/MOCA FROM HALJO TO ALYSA, 5500/3500.

CHART: MEA/MOCA FROM ALYSA TO BWALL, 7200/3300.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON HALJO (IF), CW

FROM: POINT A (BEARING 352 DEGREES TO HALJO)

TO: POINT B (BEARING 082 DEGREES TO HALJO)

MINIMUM ALTITUDE - 4000

QUALITY
3
CHECKED

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BWALL	TWO	BWALL2.BWALL	ONE	01/05/2017	25 APR 2019

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
GREENVILLE SPARTANBURG INTL (KGSP)	GREER	SC
GREENVILLE DOWNTOWN (KGMU)	GREENVILLE	SC
DONALDSON FIELD (KGYH)	GREENVILLE	SC
SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD (KSPA)	SPARTANBURG	SC

COMMUNICATIONS:

GREENVILLE SPARTANBURG INTL: ATIS, GND CON, TOWER, UNICOM, DEP CON.

GREENVILLE DOWNTOWN: ATIS, GND CON, TOWER, UNICOM, DEP CON.

DONALDSON FIELD: AWOS, CLNC DEL, GND CON, TOWER, UNICOM, DEP CON.

SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD: AWOS, CLND DEL, UNICOM, DEP CON.

FIXES AND/OR NAVAIDS:

ALYSA

REMARKS:

CONTROLLING OBSTACLES: HALJO TO ALYSA: 45-001009, 1401 MSL TOWER. ALYSA TO BWALL: 45-001741, 1294 MSL TOWER. BWALL TO JLENA: DTED 4472 MSL + 200 AAO = 4672 (4700) (354000.00N/0821827.00W).

FULL MOUNTAINOUS ROC OF 2000 FT USED IN ALL SEGMENTS.

LETTER OF APPROVAL FOR SPA AIRPORT RUNWAY ENDS NOT LOCATED WITHIN EXTENDED PNA REQUIRED AND ON FILE APPROVED BY AFS-400.

ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY:

Processed IAW Aircraft Operations Group (AJW-33) Memo, October 3, 2018,
Subject: Flight Inspection Review Not Required.

Digitally signed by

MARK D ADAMS

Mar 15, 2019

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

GEORGE TRAMMELL

Digitally signed by

GEORGE H TRAMMELL

Feb 20, 2019

OFFICE SYMBOL:

DATE:

AJV-A412

01/09/2019

APPROVED BY:

LONNIE EVERHART

Digitally signed by

MARK D ADAMS

Mar 15, 2019

OFFICE SYMBOL:

DATE:

AJV-A410

REQUIRED EFFECTIVE DATE:

ROUTINE



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

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COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<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, GSP APP CON, GSP ATCT, GMU ATCT, AMGR(S)

CHANGES - REASONS:

1. AIRPORT NAME CHANGE FROM SPARTANBURG DOWNTOWN MEMORIAL TO SPARTANBURG DOWNTOWN MEMORIAL/SIMPSON FIELD.
2. DELETED TAKEOFF OBSTACLE NOTES AND ADDED NOTE REFERENCING FORM 8260-15A IAW AFS WAIVER MEMO DATED DEC 21, 2017.

03/13/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/25/19.

1. CORRECTED DP ROUTE DESCRIPTION: GREENVILLE DOWNTOWN: TAKEOFF RWY 19: "CLIMG" TO "CLIMB" FOR TYPO.
2. TAKEOFF MINIMUMS: GREENVILLE DOWNTOWN: RWY 28, ADDED THE WORD "OF" BETWEEN "CLIMB" AND "220 FT PER NM TO 1500".



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
BWALL		TWO		BWALL2.BWALL		ONE		01/05/2017	25 APR 2019
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HALJO	345931.69N/0820054.15W	Y	-	IF	-	-			
ALYSA	350539.69N/0815629.53W	Y	FB	TF	030.58	7.11			
BWALL	351300.83N/0820148.01W	Y	FB	TF	329.36	8.53			
BWALL	351300.83N/0820148.01W	Y	-	IF	-	-			
JLENA	353411.11N/0821711.46W	Y	FB	TF	329.31	24.60			

