

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
CHARLESTON, WV	YEAGER	10 OCTOBER 2019	10

TAKEOFF MINIMUMS:

RWY 5: 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 285 FT PER NM TO 1200

RWY 23: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 23: CLIMB ON HEADING 233.14 TO 1400 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5: LIGHTING 7 FT FROM DER, 55 FT RIGHT OF CENTERLINE, 2 FT AGL/896 FT MSL. TREES 17 FT FROM DER, 64 FT LEFT OF CENTERLINE, 896 FT MSL. TREES BEGINNING 2793 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 971 FT MSL. TREE 3063 FT FROM DER, 471 FT RIGHT OF CENTERLINE, 976 FT MSL. TREES BEGINNING 3149 FT FROM DER, 365 FT RIGHT OF CENTERLINE, UP TO 983 FT MSL. TREES BEGINNING 3185 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 994 FT MSL. TREE 3374 FT FROM DER, 10 FT LEFT OF CENTERLINE, 987 FT MSL. TREE, TERRAIN BEGINNING 3522 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 998 FT MSL. TREES BEGINNING 3571 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 1006 FT MSL. TREE 3580 FT FROM DER, 605 FT RIGHT OF CENTERLINE, 999 FT MSL. TREE, TERRAIN, POLE BEGINNING 3627 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 1007 FT MSL. TREES BEGINNING 3702 FT FROM DER, 361 FT LEFT OF CENTERLINE, UP TO 1009 FT MSL. TREES BEGINNING 3730 FT FROM DER, 214 FT LEFT OF CENTERLINE, UP TO 1010 FT MSL. TREE 3904 FT FROM DER, 68 FT LEFT OF CENTERLINE, 1012 FT MSL. TREES BEGINNING 3931 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 1017 FT MSL. TREES BEGINNING 3968 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 1010 FT MSL. TREE, TERRAIN BEGINNING 4060 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 1025 FT MSL. TREE, TERRAIN BEGINNING 4339 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 1029 FT MSL. TREES BEGINNING 4450 FT FROM DER, 1513 FT RIGHT OF CENTERLINE, UP TO 1018 FT MSL. TREE, TERRAIN BEGINNING 4518 FT FROM DER, 144 FT LEFT OF CENTERLINE, UP TO 1031 FT MSL. TREE, TERRAIN BEGINNING 4584 FT FROM DER, 253 FT LEFT OF CENTERLINE, UP TO 1032 FT MSL. TREE 4594 FT FROM DER, 35 FT RIGHT OF CENTERLINE, 1019 FT MSL. TREE 4679 FT FROM DER, 292 FT LEFT OF CENTERLINE, 1035 FT MSL. TREE 4726 FT FROM DER, 458 FT LEFT OF CENTERLINE, 1040 FT MSL. TREES BEGINNING 4758 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 1041 FT MSL. TREE 4935 FT FROM DER, 1279 FT RIGHT OF CENTERLINE, 1021 FT MSL. TREE 5050 FT FROM DER, 973 FT RIGHT OF CENTERLINE, 1031 FT MSL. TREES BEGINNING 5217 FT FROM DER, 566 FT RIGHT OF CENTERLINE, UP TO 1045 FT MSL. ANTENNA 2.2NM FROM DER, 2891 FT LEFT OF CENTERLINE, 1238 FT MSL.

NOTE: RWY 23: POLE 114 FT FROM DER, 185 FT LEFT OF CENTERLINE, 17 FT AGL/951 FT MSL. POLE 121 FT FROM DER, 271 FT RIGHT OF CENTERLINE, 17 FT AGL/950 FT MSL. TREE 4457 FT FROM DER, 1692 FT LEFT OF CENTERLINE, 1071 FT MSL. TREE 4747 FT FROM DER, 1667 FT LEFT OF CENTERLINE, 1077 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 1048 FT MSL TREE 382313.57N/0813409.36W (CLIMB GRADIENT), 1238 FT MSL ANTENNA 382433.61N/0813342.22W (CLIMB GRADIENT TERMINATION ALTITUDE/ CEILING, VISIBILITY).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 23: 1297 FT MSL ANTENNA 38212457N/0813620.19W.

REMARKS:

<u>FLIGHT INSPECTED BY:</u>	<i>Digitally signed by</i> CASIMIR L TABAKA	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
DANIEL KIRBY	Aug 08, 2019	FICO	7/19/19

<u>DEVELOPED BY:</u>	<i>Digitally signed by</i> CASIMIR L TABAKA	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
CASIMIR TABAKA (EDUARDO LIMA)	Aug 08, 2019	AJV-A422	

<u>APPROVED BY:</u>	<i>Digitally signed by</i> CASIMIR L TABAKA	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
MARLON ROBINSON	Aug 08, 2019	AJV-A420	

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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

QUALITY
3
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
CHARLESTON, WV	YEAGER	10 OCTOBER 2019	10

OTHER:

ATC, AMGR, ATA, ZID, ANG

CHANGES - REASONS:

1. RWY 5 TAKEOFF MINIMUMS CHANGED FROM 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1400 TO 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 285 PER NM TO 1300 - NEW CONTROLLING OBSTACLE.
2. RWY 5 AND 23 OBSTACLE NOTES AND CONTROLLING OBSTACLES UPDATED - NEW SURVEY.
3. A4A AND ANG ADDED TO COORDINATED WITH BLOCK - AIRPORT SERVES SCHEDULED AIR CARRIERS AND ANG.

