

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
WILLIAMSBURG, KY	WILLIAMSBURG-WHITLEY COUNTY	15 AUGUST 2019	2

TAKEOFF MINIMUMS:

RWY 2: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 1400.

RWY 20: STANDARD WITH MINIMUM CLIMB GRADIENT OF 400 FT PER NM TO 2300, OR 1400-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2: CLIMB HEADING 022.85 TO 2000 BEFORE TURNING EAST.

VISUAL CLIMB OVER AIRPORT:

RWY 20: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WILLIAMSBURG-WHITLEY COUNTY AIRPORT AT OR ABOVE 2400 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, TREE 3563 FT FROM DER, 466 FT LEFT OF CENTERLINE, 1268 FT MSL.
TREE 3708 FT FROM DER, 370 FT LEFT OF CENTERLINE, 1276 FT MSL.
TREES BEGINNING 3731 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 1278 FT MSL.
TREES BEGINNING 4285 FT FROM DER, 376 FT RIGHT OF CENTERLINE, UP TO 1296 FT MSL.
TREES BEGINNING 4450 FT FROM DER, 125 FT RIGHT OF CENTERLINE, UP TO 1297 FT MSL.
TREE 4536 FT FROM DER, 206 FT RIGHT OF CENTERLINE, 1304 FT MSL.
TREE 4569 FT FROM DER, 243 FT LEFT OF CENTERLINE, 1298 FT MSL.
TREES BEGINNING 4803 FT FROM DER, 37 FT RIGHT OF CENTERLINE, UP TO 1338 FT MSL.
TREES AND TERRAIN BEGINNING 4950 FT FROM DER, CROSSING EXTENDED RUNWAY CENTERLINE, UP TO 1339 FT MSL.
TREE 6046 FT FROM DER, 221 FT RIGHT OF CENTERLINE, 1343 FT MSL.
TREES BEGINNING 1 NM FROM DER, CROSSING EXTENDED RUNWAY CENTERLINE, UP TO 1355 FT MSL

NOTE: RWY 20, TREES BEGINNING 348 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 1217 FT MSL.
TREE 1230 FT FROM DER, 787 FT RIGHT OF CENTERLINE, 1187 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 1338 FT MSL TREE 364850.67N/0841120.50W (CLIMB GRADIENT, CLIMB GRADIENT TERMINATION ALTITUDE), 1355 FT MSL TREE 364908.15N/0841123.09W (CEILING), 1348 FT MSL TREE 364910.21N/0841125.45W (VISIBILITY), 1666 FT MSL TOWER 365041.00N/0840928.00W (CLIMB-TO ALTITUDE).

RWY 20: 1927 FT MSL TOWER 364444.42N/0841122.25W (CLIMB GRADIENT), 2168 FT MSL AAO 364319.53N/0841245.17W (CLIMB GRADIENT TERMINATION ALTITUDE).

RWY 20: (VCOA) 1927 FT MSL TOWER 364444.42N/0841122.25W (VCA), 2168 FT MSL AAO 364319.53N/0841245.17W (DIVERSE CO).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2: 1666 FT MSL TOWER 365041.00N/0840928.00W.

REMARKS:



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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
WILLIAMSBURG, KY	WILLIAMSBURG-WHITLEY COUNTY	15 AUGUST 2019	2

<u>FLIGHT INSPECTED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
STEPHEN F KOCH	DAVID DANNER	FICO	5/22/19
	May 24, 2019		

<u>DEVELOPED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
CASIMIR TABAKA (JOSHUA DUGAN)	CASIMIR L TABAKA	AJV-A422	04/02/2019
	Apr 18, 2019		

<u>APPROVED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
MARLON ROBINSON	CASIMIR L TABAKA	AJV-A420	
	Apr 18, 2019		

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

OTHER:
ZID, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS, RWY 2, REQUIRED CLIMB GRADIENT CHANGED FROM 221 FT PER NM TO 270 FT PER NM - NEW CONTROLLING OBSTACLE.
2. TAKEOFF MINIMUMS, RWY 20, REQUIRED CLIMB GRADIENT CHANGED FROM 337 FT PER NM TO 400 FT PER NM - NEW CONTROLLING OBSTACLE.
3. TAKEOFF MINIMUMS, RWY 2, REQUIRED CLIMB GRADIENT TERMINATION ALTITUDE CHANGED FROM 1500 TO 1400 - NEW CONTROLLING OBSTACLE.
4. TAKEOFF MINIMUMS, RWY 20, REQUIRED CLIMB GRADIENT TERMINATION ALTITUDE CHANGED FROM 2800 TO 2300 - NEW CONTROLLING OBSTACLE.
5. UPDATED TAKEOFF OBSTACLE AND CONTROLLING OBSTACLE NOTES - UPDATED SURVEY DATA, NEW EVALUATION.
6. UPDATED RWY 20 VCOA VERBIAGE FROM "**RWY 20**-FOR CLIMB IN VISUAL CONDITIONS CROSS WILLIAMSBURG-WHITLEY COUNTY AIRPORT AT OR ABOVE 2400 MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE." TO "**RWY 20**: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WILLIAMSBURG-WHITLEY COUNTY AIRPORT AT OR ABOVE 2400 BEFORE PROCEEDING ON COURSE." - TO MATCH CURRENT DEPARTURE CRITERIA VERBIAGE.

QUALITY
21
CHECKED