

**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>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KBOK	BROOKINGS	OR	ORIG	

**TAKEOFF MINIMUMS:**

RWY 12: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 518 FT/NM TO 2000, OR 3400-3 FOR VCOA.  
RWY 30: 600-3 OR STANDARD WITH MINIMUM CLIMB OF 427 FT/NM TO 1100, OR 3400-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 12: CLIMB ON HEADING 129.37 TO INTERCEPT CEC VORTAC R-343 TO CEC VORTAC.  
RWY 30: CLIMBING LEFT TURN TO HEADING 175.00 TO INTERCEPT CEC VORTAC R-326 TO CEC VORTAC.

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BROOKINGS AIRPORT AT OR ABOVE 3700 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 12, TREES BEGINNING 43 FT FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/477 FT MSL. TREE 43 FT FROM DER, 352 FT LEFT OF CENTERLINE, 75 FT AGL/479 FT MSL. TREES BEGINNING 78 FT FROM DER, 82 FT LEFT OF CENTERLINE, UP TO 123 FT AGL/488 FT MSL. TREE 629 FT FROM DER, 599 FT LEFT OF CENTERLINE, 120 FT AGL/489 FT MSL. TREES BEGINNING 657 FT FROM DER, 318 FT LEFT OF CENTERLINE, UP TO 136 FT AGL/513 FT MSL. TREES BEGINNING 1014 FT FROM DER, 252 FT LEFT OF CENTERLINE, UP TO 140 FT AGL/520 FT MSL. TREES BEGINNING 1439 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/487 FT MSL. TREE 2683 FT FROM DER, 1197 FT LEFT OF CENTERLINE, 75 FT AGL/577 FT MSL. TREE 2715 FT FROM DER, 1199 FT LEFT OF CENTERLINE, 70 FT AGL/578 FT MSL. TREE 2944 FT FROM DER, 1240 FT LEFT OF CENTERLINE, 93 FT AGL/604 FT MSL. TREE 3297 FT FROM DER, 1151 FT LEFT OF CENTERLINE, 76 FT AGL/614 FT MSL. TREE 3341 FT FROM DER, 1152 FT LEFT OF CENTERLINE, 88 FT AGL/627 FT MSL. TREES BEGINNING 3372 FT FROM DER, 1196 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/654 FT MSL. TREE 2.1 NM FROM DER, 4031 FT LEFT OF CENTERLINE, 350 FT AGL/1069 FT MSL. TREE 2.4 NM FROM DER, 3885 FT LEFT OF CENTERLINE, 100 FT AGL/916 FT MSL. TREE 3373 FT FROM DER, 1356 FT LEFT OF CENTERLINE, 654 FT MSL.

NOTE: RWY 30, TREE 21 FT FROM DER, 339 FT LEFT OF CENTERLINE, 100 FT AGL/543 FT MSL. TREES, VEGETATION BEGINNING 25 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/552 FT MSL. TREE 44 FT FROM DER, 406 FT LEFT OF CENTERLINE, 117 FT AGL/567 FT MSL. TREES BEGINNING 44 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 122 FT AGL/569 FT MSL. TREES BEGINNING 583 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/579 FT MSL. TREES BEGINNING 726 FT FROM DER, 388 FT RIGHT OF CENTERLINE, UP TO 121 FT AGL/599 FT MSL. TREES BEGINNING 1057 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 124 FT AGL/604 FT MSL. TREES BEGINNING 3658 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/645 FT MSL. TREE 3820 FT FROM DER, 34 FT LEFT OF CENTERLINE, 70 FT AGL/587 FT MSL. TREE 5398 FT FROM DER, 1172 FT RIGHT OF CENTERLINE, 113 FT AGL/649 FT MSL. TREES BEGINNING 5400 FT FROM DER, 96 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/664 FT MSL. TREES BEGINNING 5530 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/682 FT MSL. TREES BEGINNING 5583 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/638 FT MSL. TREES BEGINNING 5588 FT FROM DER, 682 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/708 FT MSL. TREES BEGINNING 5599 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/722 FT MSL. TREES BEGINNING 5738 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 112 FT AGL/766 FT MSL. TREES BEGINNING 5877 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/658 FT MSL. TREES BEGINNING 5905 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 121 FT AGL/777 FT MSL. TREES BEGINNING 1 NM FROM DER, 69 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/790 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 123 FT AGL/673 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 791 FT RIGHT OF CENTERLINE, UP TO 119 FT AGL/801 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 1387 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/838 FT MSL. TREES BUILDING BEGINNING 1.8 NM FROM DER, 1397 FT RIGHT OF CENTERLINE, UP TO 123 FT AGL/1018 FT MSL. TREE 2.2 NM FROM DER, 1786 FT LEFT OF CENTERLINE, 350 FT AGL/829 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 2782 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/896 FT MSL. TREE 5905 FT FROM DER, 1608 FT RIGHT OF CENTERLINE, 777 FT MSL. TREE 2.9 NM FROM DER, 1074 FT LEFT OF CENTERLINE, 1149 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 12: 916 FT MSL TREE 420241.36N/1241434.53W (VISIBILITY), 1709 FT MSL TREE 420155.92N/1241307.18W (CLIMB-TO ALTITUDE), 1069 FT MSL TREE 420252.72N/1241443.44W (CEILING), 654 FT MSL TREE 420355.90N/1241630.61W (CLIMB GRADIENT).

RWY 30: 1018 FT MSL TREE 420627.66N/1241828.63W (CEILING), 896 FT MSL TREE 420657.93N/1241904.03W (VISIBILITY), 777 FT MSL TREE 420533.94N/1241804.28W (CLIMB GRADIENT), 1149 FT MSL TREE 420651.76N/1242006.38W (CLIMB-TO ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 12: 970 FT MSL TREE 420439.82N/1241646.00W, RWY 30: 1555 FT MSL TREE 420524.35N/1241636.03W.

VISUAL CLIMB AREA OBSTACLE: 1908 FT MSL TREE 420726.86N/1241724.48W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 5029 FT MSL TREE 421053.66N/1235906.48W.

**REMARKS:**

AFS APPROVAL REQUESTED FOR RWYS 12: CLIMB GRADIENT GREATER THAN 500 FET PER NM.

350 FT TREE HEIGHTS VERIFIED BY FPT AND UTILIZED RATHER THAN 200 FT AAO ON TERRAIN OUTSIDE OF SURVEYED OBSTACLE ENVIRONMENTS PER 8260.19I.



<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KBOK	BROOKINGS	OR	ORIG	
<u>FLIGHT INSPECTED BY</u>		<u>OFFICE</u>	<u>DATE</u>	
TROY E DEVINE	<i>Digitally signed by</i> <b>JASON KRETSCHMER</b>	FPO	09/19/2023	
<u>DEVELOPED BY</u>	<i>Digitally signed by</i> <b>DALE P SICKELS</b>	<u>OFFICE</u>	<u>DATE</u>	
DALE SICKELS	Sep 21, 2023 Jun 01, 2023	AJV-A421	03/08/2023	
<u>APPROVED BY</u>	<i>Digitally signed by</i> <b>JASON KRETSCHMER</b>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
JASON KRETSCHMER	Jun 07, 2023	AJV-A420	10/05/2023	MANAGER
<u>REQUIRED EFFECTIVE DATE:</u>				
ROUTINE				
<u>COORDINATED WITH:</u>				
<u>A4A</u> <input type="checkbox"/>	<u>ALPA</u> <input checked="" type="checkbox"/>	<u>AOPA</u> <input checked="" type="checkbox"/>	<u>APA</u> <input type="checkbox"/>	<u>HAI</u> <input type="checkbox"/>
<u>OTHER:</u>				
<u>CHANGES - REASONS:</u>				

QUALITY  
42  
CHECKED