

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

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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
PINEVILLE, WV	KEE FIELD	20 JUNE 2019	2

TAKEOFF MINIMUMS:

RWY 8: 700-2 1/4 WITH MINIMUM CLIMB OF 330 FT PER NM TO 2900, OR 1600-3 FOR VCOA.
RWY 26: 400-2.

TEXTUAL DEPARTURE PROCEDURES:

RWY 8: CLIMB HEADING 074.52 TO 2600 BEFORE PROCEEDING ON COURSE.
RWY 26: CLIMB HEADING 254.52 TO 2600 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 8: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS KEE FIELD AT OR ABOVE 3200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8: TREES BEGINNING 5 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/1964 FT MSL.

TREE 140 FT FROM DER, 272 FT RIGHT OF CENTERLINE, 135 FT AGL/1894 FT MSL.

TREE 366 FT FROM DER, 357 FT RIGHT OF CENTERLINE, 135 FT AGL/1910 FT MSL.

TREES BEGINNING 472 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/1940 FT MSL.

TREE 579 FT FROM DER, 211 FT LEFT OF CENTERLINE, 135 FT AGL/1976 FT MSL.

TREES BEGINNING 685 FT FROM DER, 126 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/1999 FT MSL.

TREES BEGINNING 819 FT FROM DER, 241 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/1986 FT MSL.

TREES BEGINNING 911 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2055 FT MSL.

TREES BEGINNING 1045 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2071 FT MSL.

TREES BEGINNING 1243 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2101 FT MSL.

TREES BEGINNING 1271 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2101 FT MSL.

TREES BEGINNING 1576 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2104 FT MSL.

TREES BEGINNING 1802 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2134 FT MSL.

TREES BEGINNING 2028 FT FROM DER, 273 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2183 FT MSL.

TREES BEGINNING 2254 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2193 FT MSL.

TREE 2388 FT FROM DER, 464 FT RIGHT OF CENTERLINE, 135 FT AGL/2114 FT MSL.

TREES BEGINNING 2402 FT FROM DER, 179 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2117 FT MSL.

TREES 2614 FT FROM DER, 548 FT RIGHT OF CENTERLINE, 135 FT AGL/2186 FT MSL.

TREES BEGINNING 2628 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2193 FT MSL.

TREES BEGINNING 2840 FT FROM DER, 64 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2252 FT MSL.

TREES BEGINNING 3102 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2302 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 721 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2242 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 469 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2337 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 636 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2284 FT MSL.

TREES BEGINNING 1.4 NM FROM DER, 921 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2311 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 1121 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2324 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 1405 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2337 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 1689 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2363 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 638 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2340 FT MSL.

TREES BEGINNING 1.5 NM FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2390 FT MSL.

TREE 1.6 NM FROM DER, 2597 FT RIGHT OF CENTERLINE, 135 FT AGL/2383 FT MSL.

TREES BEGINNING 1.6 NM FROM DER, 144 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2414 FT MSL.

TREE 2.6 NM FROM DER, 349 FT LEFT OF CENTERLINE, 135 FT AGL/2307 FT MSL.

NOTE: RWY 26: TREES BEGINNING 20 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2014 FT MSL.

TREES BEGINNING 82 FT FROM DER, 58 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/1848 FT MSL.

TREES BEGINNING 308 FT FROM DER, 174 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/1864 FT MSL.

TREES BEGINNING 867 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/1891 FT MSL.

TREES 1319 FT FROM DER, 289 FT LEFT OF CENTERLINE, 135 FT AGL/1930 FT MSL.

TREES 1425 FT FROM DER, 573 FT LEFT OF CENTERLINE, 135 FT AGL/1983 FT MSL.

TREES BEGINNING 1524 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2094 FT MSL.

TREES BEGINNING 2203 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 135 FT AGL/2174 FT MSL.



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TREES BEGINNING 2810 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2055 FT MSL.
 TREES BEGINNING 1.3 NM FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2061 FT MSL.
 TREES BEGINNING 1.3 NM FROM DER, 740 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2084 FT MSL.
 TREES BEGINNING 1.4 NM FROM DER, 225 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/2174 FT MSL.
 TREE 1.6 NM FROM DER, 272 FT RIGHT OF CENTERLINE, 135 FT AGL/2014 FT MSL.

CONTROLLING OBSTACLES:

RWY 8: 2454 FEET MSL TREE 373714.65N/0813007.17W (CLIMB GRADIENT), 2719 FEET MSL AAO 373834.93N/0812854.90W (CLIMB GRADIENT TERMINATION ALTITUDE), 2414 FEET MSL TREE 373618.41N/0813105.77W (CEILING), 2374 FEET MSL TREE 373710.98N/0813109.20W (VISIBILITY).
 RWY 26: 2174 FEET MSL TREE 373538.50N/0813416.26W (CEILING), 2014 FEET MSL TREE 373522.93N/0813553.24W (VISIBILITY).

RWY 8 (VCOA): 3922 FEET MSL TOWER 374710.00N/0813107.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:
 3922 FEET MSL TOWER 374710.00N/0813107.00W.

REMARKS:

VEGETATION HEIGHT 135 FEET FROM PREVIOUS AMENDMENT.
 NO SURVEY DATA - RUNWAY IS SURROUNDED BY UNSURVEYED TREES.
 REQUEST FOR CLIMB GRADIENT GREATER THAN 500 FEET PER NM DISAPPROVED BY PRB. CEILING AND VISIBILITY PUBLISHED WITH LOWER CLIMB GRADIENT (RWY 8) AND STANDALONE (RWY 26).

FLIGHT INSPECTED BY: *Digitally signed by*

JORGE A MALCUN **DAVID DANNER**
 Apr 05, 2019

OFFICE SYMBOL:

FICO

DATE:

4/3/19

DEVELOPED BY: *Digitally signed by*

RUSS ROSLEWSKI **RUSSELL ROSLEWSKI**
 Nov 29, 2018

OFFICE SYMBOL:

AJV-5421

DATE:

09/13/2018

APPROVED BY: *Digitally signed by*

JULIE MORGAN **DAVID DANNER**
 Apr 05, 2019

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

ZID, CRW APP CON, AIRPORT MANAGER

CHANGES - REASONS:

1. TAKEOFF MINIMUMS, RWY 8, VISIBILITY CHANGED FROM 2 TO 2 1/4 - UPDATED OBSTACLE STUDY AND CURRENT CRITERIA.
2. TAKEOFF MINIMUMS, RWY 8, ADDED CLIMB GRADIENT REQUIREMENT TO CEILING/VIS OPTION - UPDATED OBSTACLE STUDY.
3. TAKEOFF MINIMUMS, RWY 8, ADDED STANDARD TAKEOFF MINS WITH CLIMB GRADIENT OPTION - UPDATED OBSTACLE STUDY.
4. TAKEOFF MINIMUMS, RWY 8, ADDED VCOA - REQUIRED WHEN THERE IS NO OTHER OPTION WITH A STANDARD CLIMB GRADIENT.
5. TAKEOFF MINIMUMS, RWY 26, LOWERED CEILING FROM 600 TO 400 AND INCREASED VISIBILITY FROM 1 TO 2 - UPDATED OBSTACLE STUDY AND CURRENT CRITERIA.
6. TAKEOFF MINIMUMS, RWY 26, ADDED CLIMB GRADIENT OPTION WITH STANDARD MINIMUMS - UPDATED OBSTACLE STUDY.
7. TEXTUAL DEPARTURE PROCEDURES, REPLACED "RUNWAY HEADING" WITH ACTUAL RUNWAY HEADING - CURRENT DOCUMENTATION POLICY.
8. TEXTUAL DEPARTURE PROCEDURES, RWY 8, LOWERED CLIMB-TO ALTITUDE FROM 3000 TO 2600 - UPDATED OBSTACLE STUDY.
9. TEXTUAL DEPARTURE PROCEDURES, RWY 26, LOWERED CLIMB-TO ALTITUDE FROM 3000 TO 2600 - UPDATED OBSTACLE STUDY.
10. VISUAL CLIMB OVER AIRPORT, ADDED RWY 8 VCOA - REQUIRED WHEN THERE IS NO OTHER OPTION WITH A STANDARD CLIMB GRADIENT.
11. UPDATED TAKEOFF OBSTACLE NOTES AND CONTROLLING OBSTACLES - CURRENT DOCUMENTATION POLICY.

11/29/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/13/2018:

1. TAKEOFF MINIMUMS, RWYS 8 AND 26, REMOVED STANDARD TAKEOFF MINIMUMS OPTION - MANDATORY REQUEST FOR APPROVAL FOR EXCESSIVE CLIMB GRADIENT WAS DISAPPROVED BY AFS PRB.



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2. CONTROLLING OBSTACLES UPDATED - TO INDICATE THOSE OBSTACLES DRIVING REVISED CLIMB GRADIENTS AND TERMINATION ALTITUDES.
3. VCOA, CHANGED "ADVISE ATC OF INTENT TO CLIMB IN VISUAL CONDITIONS OVER AIRPORT WHEN REQUESTING IFR CLEARANCE" TO STANDARD WORDING - PRB DISAPPROVED ATC-REQUESTED NON-STANDARD WORDING. 