

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)  
SPECIAL**

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>
1VA1	STUART	VA	2	

**TAKEOFF MINIMUMS:**

RWY 8: 400-3 OR STANDARD WITH MINIMUM CLIMB OF 490 FT/NM TO 3300, OR 1700-3 FOR VCOA.  
RWY 26: 400-1 3/4 OR 1700-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 8: CLIMB ON HEADING 077.69 TO 3800 BEFORE TURNING LEFT.  
RWY 26: CLIMB ON HEADING 257.70 TO 3900 BEFORE TURNING.

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MICRO AIRPORT AT OR ABOVE 4500 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 8: TERRAIN 9 FT FROM DER, 470 FT RIGHT OF CENTERLINE, 2959 FT MSL. VEHICLES ON ROAD BEGINNING 66 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/2954 FT MSL. TREES BEGINNING 80 FT FROM DER, 192 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3039 FT MSL. TREES BEGINNING 250 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3019 FT MSL. TREE 2014 FT FROM DER, 977 FT RIGHT OF CENTERLINE, 100 FT AGL/3039 FT MSL. TREE 2727 FT FROM DER, 882 FT RIGHT OF CENTERLINE, 100 FT AGL/3059 FT MSL. TREES BEGINNING 3018 FT FROM DER, 514 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3059 FT MSL. TREE 3091 FT FROM DER, 961 FT RIGHT OF CENTERLINE, 100 FT AGL/3079 FT MSL. TREE 3150 FT FROM DER, 896 FT LEFT OF CENTERLINE, 100 FT AGL/3079 FT MSL. TREE 3246 FT FROM DER, 864 FT LEFT OF CENTERLINE, 100 FT AGL/3099 FT MSL. TREE 3336 FT FROM DER, 887 FT LEFT OF CENTERLINE, 100 FT AGL/3119 FT MSL. TREE 3429 FT FROM DER, 907 FT RIGHT OF CENTERLINE, 100 FT AGL/3099 FT MSL. TREE 3461 FT FROM DER, 870 FT LEFT OF CENTERLINE, 100 FT AGL/3139 FT MSL. TREES BEGINNING 3793 FT FROM DER, 1085 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3159 FT MSL. TREE, VEHICLE ON ROAD BEGINNING 3828 FT FROM DER, 659 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3119 FT MSL. TREE 4551 FT FROM DER, 793 FT RIGHT OF CENTERLINE, 100 FT AGL/3139 FT MSL. TREE 4802 FT FROM DER, 633 FT RIGHT OF CENTERLINE, 100 FT AGL/3159 FT MSL. TREES BEGINNING 4916 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3179 FT MSL. TREES BEGINNING 5097 FT FROM DER, 284 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3199 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3219 FT MSL. TREE 1.2 NM FROM DER, 781 FT RIGHT OF CENTERLINE, 100 FT AGL/3239 FT MSL. TREE 2.1 NM FROM DER, 2571 FT LEFT OF CENTERLINE, 100 FT AGL/3259 FT MSL. TREE 2.3 NM FROM DER, 4209 FT LEFT OF CENTERLINE, 100 FT AGL/3339 FT MSL. TREE 2.5 NM FROM DER, 4469 FT LEFT OF CENTERLINE, 100 FT AGL/3339 FT MSL.

NOTE: RWY 26: TREES, TERRAIN, VEHICLE ON ROAD BEGINNING 9 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3139 FT MSL. VEHICLE ON ROAD 13 FT FROM DER, 359 FT LEFT OF CENTERLINE, 15 FT AGL/2974 FT MSL. TREE 107 FT FROM DER, 488 FT RIGHT OF CENTERLINE, 100 FT AGL/3159 FT MSL. TREE 208 FT FROM DER, 515 FT RIGHT OF CENTERLINE, 100 FT AGL/3179 FT MSL. TREES BEGINNING 221 FT FROM DER, 444 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3079 FT MSL. TREES BEGINNING 304 FT FROM DER, 209 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3199 FT MSL. TREES BEGINNING 430 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3219 FT MSL. TREE 949 FT FROM DER, 732 FT LEFT OF CENTERLINE, 100 FT AGL/3099 FT MSL. TREE 1042 FT FROM DER, 766 FT LEFT OF CENTERLINE, 100 FT AGL/3119 FT MSL. TREES BEGINNING 1227 FT FROM DER, 227 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3139 FT MSL. TREE 1474 FT FROM DER, 875 FT LEFT OF CENTERLINE, 100 FT AGL/3159 FT MSL. TREE 1590 FT FROM DER, 901 FT LEFT OF CENTERLINE, 100 FT AGL/3179 FT MSL. TREE 1674 FT FROM DER, 933 FT LEFT OF CENTERLINE, 100 FT AGL/3199 FT MSL. TREE 1780 FT FROM DER, 942 FT LEFT OF CENTERLINE, 100 FT AGL/3219 FT MSL. TREE 1858 FT FROM DER, 967 FT LEFT OF CENTERLINE, 100 FT AGL/3239 FT MSL. TREE 1998 FT FROM DER, 1015 FT LEFT OF CENTERLINE, 100 FT AGL/3259 FT MSL. TREE 1.3 NM FROM DER, 449 FT LEFT OF CENTERLINE, 100 FT AGL/3279 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 485 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3319 FT MSL. TREE 1.5 NM FROM DER, 445 FT LEFT OF CENTERLINE, 100 FT AGL/3199 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 8: 3139 FT MSL TREE 364436.79N/0802537.17W (CLIMB GRADIENT), 3199 FT MSL TREE 364430.59N/0802513.45W (CLIMB-TO ALTITUDE), 3339 FT MSL TREE 364540.58N/0802347.99W (CEILING), 3339 FT MSL TREE 364546.66N/0802335.30W (VISIBILITY).

RWY 26: 3139 FT MSL TREE 364406.67N/0802714.66W (CLIMB GRADIENT), 3259 FT MSL TREE 364346.54N/0802732.13W (CLIMB-TO ALTITUDE), 3319 FT MSL TREE 364330.30N/0802848.01W (CEILING), 3199 FT MSL TREE 364330.22N/0802855.63W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 8: 3779 FT MSL AAO 364715.85N/0802421.17W, RWY 26: 4159 FT MSL AAO 364745.06N/0802833.28W.

VISUAL CLIMB AREA OBSTACLE: 4039 FT MSL AAO 364743.09N/0802824.71W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 4159 FT MSL AAO 364745.06N/0802833.28W.

**REMARKS:**

SPECIAL USE PROCEDURE.

CHART NOTE: USE OF MICRO REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.

AIRPORT MV: 1VA1 6W/1990.

100 FT TREE HEIGHT USED.



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1VA1	STUART	VA	2	

**FLIGHT INSPECTED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**

STEVEN M. BARNETT (RICHARD BRUCE)

*Digitally signed by*

**JOHN BORDY**

May 22, 2024

**OFFICE**

AJV-A33

**DATE**

01/29/2024

**APPROVED BY**

JOHN BORDY

**OFFICE**

AFS-400

**DATE**

07/11/2024

**TITLE**

**REQUIRED EFFECTIVE DATE:**

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☐ **AOPA** ☐ **APA** ☐ **HAI** ☐ **NBAA** ☐

**OTHER:**

ROA APP CON, ZTL, AMGR

**CHANGES - REASONS:**

- TAKEOFF MINIMUMS, RWY 8: INCREASED VISIBILITY FROM 1 1/2 TO 3 SM, INCREASED CLIMB GRADIENT FROM 470 TO 490 FT/NM, DECREASED TERMINATION ALTITUDE FROM 3400 TO 3300, AND ADDED 1700-3 FOR VCOA - NEW CONTROLLING OBSTACLES, ADDED VCOA.

- TAKEOFF MINIMUMS, RWY 26: DECREASED VISIBILITY FROM 2 3/4 TO 1 3/4 SM, AND ADDED 1700-3 FOR VCOA - NEW CONTROLLING OBSTACLES, ADDED VCOA. DELETED OBSTACLE CLIMB GRADIENT; REQUIRED CLIMB GRADIENT WAS EXCESSIVE.

- TEXTUAL DEPARTURE PROCEDURES, RWY 8: CHANGED CLIMB HEADING FROM 077.70 TO 077.69 - RUNWAY HEADING DERIVED FROM AIRNAV RECORD.

- TEXTUAL DEPARTURE PROCEDURES, RWY 26: CHANGED CLIMB HEADING FROM 257.71 TO 257.70 - RUNWAY HEADING DERIVED FROM AIRNAV RECORD.

- VISUAL CLIMB OVER AIRPORT: ADDED VCOA FOR ALL RUNWAYS - REQUIRED BY 8260.46J, TABLE 2-1-1, SITUATION 3, ACTION C.1.C.

- TAKEOFF OBSTACLE NOTES, RWY 8 AND RWY 26: UPDATED ALL NOTES - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, RWY 8: CHANGED CLIMB GRADIENT CONTROLLER FROM "3156 FT MSL TREE 364441.22N/0802534.24W" TO "3139 FT MSL TREE 364436.79N/0802537.17W (CLIMB GRADIENT)" - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, RWY 8: ADDED CONTROLLERS FOR CLIMB-TO ALTITUDE, CEILING, AND VISIBILITY - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, RWY 26: CHANGED CLIMB GRADIENT CONTROLLER FROM "3339 FT MSL TREE 364330.30N/0802848.01W" TO "3139 FT MSL TREE 364406.67N/0802714.66W (CLIMB GRADIENT)" - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, RWY 26: CHANGED CEILING CONTROLLER FROM 3339 FT MSL TREE TO 3319 FT MSL TREE AT SAME LOCATION - NEW TERRAIN EVALUATION.

- CONTROLLING OBSTACLES, RWY 26: ADDED CONTROLLERS FOR CLIMB-TO ALTITUDE AND VISIBILITY - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 8, CHANGED FROM "3774 FT AAO 364715.00N/0802424.00W" TO "3779 FT MSL AAO 364715.85N/0802421.17W" - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 26, CHANGED FROM "4171 FT AAO 364741.70N/0802831.10W" TO "4159 FT MSL AAO 364745.06N/0802833.28W" - NEW TERRAIN AND OBSTACLE EVALUATION.

- CONTROLLING OBSTACLES, ADDED VISUAL CLIMB AREA OBSTACLE AND OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE - ADDED VCOA.

- REMARKS: ADDED "SPECIAL USE PROCEDURE" - REQUIRED BY 8260.46J, APPENDIX D, SEC. 1, PARA. 2.J.

- REMARKS: ADDED "CHART NOTE: USE OF MICRO REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS" - REQUIRED FOR SPECIAL PROCEDURE, 8260.46J, APPENDIX D, SEC. 1, PARA. 2.J. AND 8260.19I, PARA. 8-6-9.T.(1).

- REMARKS: ADDED "AIRPORT MV: 1VA1 6W/1990" - ADMINISTRATIVE DATA, 8260.46J, APPENDIX D, SEC. 1, PARA. 2.J.

- REMARKS: ADDED "100 FT TREE HEIGHT USED" - ADMINISTRATIVE DATA, 8260.46J, APPENDIX D, SEC. 1, PARA. 2.J.

