

**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>
EZF	FREDERICKSBURG	VA	2	14 MAY 2026

TAKEOFF MINIMUMS:

RWY 15, 33: NA - ENVIRONMENTAL.
RWY 6: 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 358 FT/NM TO 500.
RWY 24: 400-3 OR STANDARD WITH MINIMUM CLIMB OF 380 FT/NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6: CLIMB ON HEADING 055.36 TO 700 BEFORE TURNING LEFT.
RWY 24: CLIMB ON HEADING 235.45 TO 700 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 6: BUILDINGS, VEHICLES ON ROAD BEGINNING 47 FT FROM DER, 231 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/100 FT MSL.
VEHICLES ON ROAD BEGINNING 119 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/100 FT MSL.
TREES, BUILDINGS BEGINNING 264 FT FROM DER, ON AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/185 FT MSL.
TREES BEGINNING 518 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/185 FT MSL.
TOWER 4791 FT FROM DER, 1150 FT LEFT OF CENTERLINE, 210 FT AGL/249 FT MSL.

RWY 24: VEHICLES ON ROAD 52 FT FROM DER, 380 FT RIGHT OF CENTERLINE, 15 FT AGL/95 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 111 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/183 FT MSL.
VEHICLES ON ROAD BEGINNING 203 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/95 FT MSL.
TREES BEGINNING 332 FT FROM DER, 211 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/180 FT MSL.
TREE 1184 FT FROM DER, 268 FT LEFT OF CENTERLINE, 100 FT AGL/190 FT MSL.
TREES BEGINNING 1446 FT FROM DER, 165 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/196 FT MSL.
TREES BEGINNING 1805 FT FROM DER, 525 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/190 FT MSL.
TREES BEGINNING 2422 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/192 FT MSL.
TREES BEGINNING 3067 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/200 FT MSL.
TREE 3768 FT FROM DER, 457 FT LEFT OF CENTERLINE, 100 FT AGL/212 FT MSL.
TREES BEGINNING 3997 FT FROM DER, 147 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/204 FT MSL.
TREES BEGINNING 4174 FT FROM DER, 105 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/238 FT MSL.
TREES BEGINNING 4388 FT FROM DER, 164 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/255 FT MSL.
TREES BEGINNING 4501 FT FROM DER, 88 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/235 FT MSL.
TREES BEGINNING 4630 FT FROM DER, 174 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/270 FT MSL.
TREES BEGINNING 4828 FT FROM DER, 248 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/280 FT MSL.
TREE 5141 FT FROM DER, 1240 FT LEFT OF CENTERLINE, 100 FT AGL/300 FT MSL.
TREES BEGINNING 5186 FT FROM DER, 154 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/317 FT MSL.
TREES BEGINNING 5560 FT FROM DER, 735 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/245 FT MSL.
TRANSMISSION LINE 1.3 NM FROM DER, 1033 FT RIGHT OF CENTERLINE, 66 FT AGL/296 FT MSL.
TOWER, TRANSMISSION LINE BEGINNING 1.4 NM FROM DER, 317 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/340 FT MSL.

CONTROLLING OBSTACLES:

RWY 6: 249 FT MSL TOWER 381650.33N/0772610.20W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 344 FT MSL AAO 381739.00N/0772533.00W (VISIBILITY), 348 FT MSL AAO 381718.00N/0772512.00W (CEILING).
RWY 24: 317 FT MSL TREE 381500.00N/0772739.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 456 FT MSL AAO 381351.00N/0772845.00W (CEILING), 453 FT MSL AAO 381336.00N/0772842.00W (VISIBILITY).
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6: 693 FT MSL TOWER 381846.86N/0772619.47W, RWY 24: 741 FT MSL TOWER 381621.34N/0772945.89W.

REMARKS:

100 FT VEG USED, OBTAINED FROM NDB RWY 24.

Digitally signed by

FLIGHT INSPECTED BY
JEFFREY A FINDLEY

CASIMIR L TABAKA
Jan 26, 2026

OFFICE
AJF

DATE
01/22/2026

DEVELOPED BY
JOHN BRUNO

Digitally signed by
CASIMIR L TABAKA
Jan 26, 2026

OFFICE
AJV-A432

DATE
11/25/2025

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Jan 26, 2026

OFFICE
AJV-A432

DATE
04/09/2026

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE



<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
EZF	FREDERICKSBURG	VA	2	14 MAY 2026

COORDINATED WITH:

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

OTHER: PCT APP CON, ZDC, AMGR.

CHANGES - REASONS:

- PROCEDURE NOTES: ADDED "100 FT VEG USED", OBTAINED FROM NDB RWY 24.

- TAKEOFF MINIMUMS: RWY 6 CHANGED FROM "300-2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 270 FT PER NM TO 500" TO "300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 358 FT/NM TO 500" - NEW OBSTACLE EVALUATION.

- TAKEOFF MINIMUMS, CONTROLLING OBSTACLES: CHANGED FROM "RWY 6: 250FT MSL TOWER, 381650.00N/0772610.00W, 359 FT MSL AAO, 381718.19N/0772514.82W, 349 FT MSL AAO, 381722.02N/0772509.89W.

RWY 24: 329 FT MSL TREE, 381501.75N/0772744.63W, 459 FT MSL AAO, 381339.75N/0772849.15W, 469 FT MSL AAO, 381349.75N/0772845.65W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6 - 685 FT MSL TOWER, 381846.00N/0772619.00W.

RWY 24 - 744 FT MSL TOWER, 381621.00N/0772946.00W" TO "RWY 6: 249 FT MSL TOWER 381650.33N/0772610.20W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 344 FT MSL AAO 381739.00N/0772533.00W (VISIBILITY), 348 FT MSL AAO 381718.00N/0772512.00W (CEILING).

RWY 24: 317 FT MSL TREE 381500.00N/0772739.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 456 FT MSL AAO 381351.00N/0772845.00W (CEILING), 453 FT MSL AAO 381336.00N/0772842.00W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 6: 693 FT MSL TOWER 381846.86N/0772619.47W,

RWY 24: 741 FT MSL TOWER 381621.34N/0772945.89W" - NEW OBSTACLE EVALUATION AND IAW 8260.46K APPENDIX D.

- TEXTUAL DEPARTURE: RWY 6 CHANGED FROM "CLIMB HEADING 055.42 TO 700 BEFORE TURNING LEFT" TO "CLIMB ON HEADING 055.36 TO 700 BEFORE TURNING LEFT" - TO MATCH AIRNAV DATA.

-TEXTUAL DEPARTURE: RWY 24 CHANGED FROM "CLIMB HEADING 235.42 TO 700 BEFORE TURNING RIGHT" TO "CLIMB ON HEADING 235.45 TO 700 BEFORE TURNING RIGHT" - TO MATCH AIRNAV DATA.

- TAKEOFF OBSTACLE NOTES - UPDATED LOW CLOSE IN OBSTACLES FOR RWY 6 AND RWY 24 - NEW OBSTACLE EVALUATION AND MAP STUDY (NO SURVEY AVAILABLE).

