

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

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<b>City, State</b>	<b>Airport</b>	<b>Effective Date</b>	<b>Amdt. No.</b>
CAVALIER, ND	CAVALIER MUNI		AMDT 1

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**TAKEOFF MINIMUMS:**

RWY 16, 34 STANDARD

**TEXTUAL DEPARTURE PROCEDURES:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 16, TREES BEGINNING 83 FT FROM DER, 454 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/963 FT MSL. TREES BEGINNING 751 FT FROM DER, 615 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/963 FT MSL. POWER POLE 1233 FT FROM DER, 544 FT RIGHT OF CENTERLINE, 38 FT AGL/927 FT MSL. POWER POLES BEGINNING 1445 FT FROM DER, 330 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/931 FT MSL. BEAN ELEVATOR 1603 FT FROM DER, 450 FT LEFT OF CENTERLINE, 83 FT AGL/1003 FT MSL. TANK 1736 FT FROM DER, 434 FT LEFT OF CENTERLINE, 83 FT AGL/969 FT MSL.**

**NOTE: RWY 34, TREES BEGINNING 1053 FT FROM DER, 623 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/959 FT MSL. TREES BEGINNING 2005 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/954 FT MSL.**

**CONTROLLING OBSTACLES:**

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**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

JEROME A MCCULLOUGH                      AJV-353                      4/18/2012

**APPROVED BY:**

LARRY STROUT                      AJV-353

**COORDINATED WITH:**

ZMP ARTCC, AMGR, ALPA, AOPA, NBAA,

**CHANGES:**

1. CHANGED RUNWAY 16 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH MINIMUM CLIMB OF 430 FEET PER NM TO 1200, TO, STANDARD AND REMOVED CONTROLLING OBSTACLE DATA.
2. ADDED MULTIPLE LOW CLOSE IN OBSTACLES FOR RUNWAY 16.
3. ADDED LOW CLOSE IN OBSTACLES FOR RUNWAY 34

**REASONS:**

1. CONTROLLING OBSTACLE HAS BEEN SURVEYED AND NO LONGER REQUIRES A CLIMB GRADIENT.
2. RWY 34 NOW HAS ANALPV SURVEY.
3. UNSURVEYED TREES EXIST IN ICA.