# 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.

City, StateAirportEffective DateAmdt. No.MANDAN, NDMANDAN MUNI29 MAY 20141

#### **TAKEOFF MINIMUMS:**

RWY 4, 22: NA - ENVIRONMENTAL.

RWY 13, 31: STANDARD.

### **TEXTUAL DEPARTURE PROCEDURES:**

### **TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 13, FENCE AND TREES BEGINNING 26 FT FROM DER, 310 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1988 FT MSL. TRANSMISSION LINES AND POLE BEGINNING 1604 FT FROM DER, FROM LEFT TO RIGHT OF CENTERLINE, UP TO 64 FT AGL/1984 FT MSL. NOTE: RWY 31, TREES BEGINNING 1256 FT FROM DER, FROM LEFT TO RIGHT OF CENTERLINE UP TO 65 FT AGL / 1995 FT MSL.

### **CONTROLLING OBSTACLES:**



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**REMARKS:** 

FLIGHT INSPECTED BY:

2.25.14

REQUIRED EFFECTIVE DATE:

**ROUTINE** 

DEVELOPED B

RIC N SUSKINE LUITTU AJV-

APPROVED BY

DEBORAH COPELAND

320.14

**COORDINATED WITH:** 

ALPA, AOPA, NBAA, ZMP, BIS ATCT, AMGR

### **CHANGES:**

1. UPDATED LOW CLOSE-IN OBSTACLES.

### **REASONS:**

1.NEW OBSTACLES ADDED TO DATA BASE.

 $03.18.2014. \ \,$  THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03.11.2014. ADDED ND TO STATE IN HEADER.

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