

**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.

**CITY, STATE**

TIOGA, ND

**AIRPORT**

TIOGA MUNI

**EFFECTIVE DATE**

13 SEPTEMBER 2018

**AMDT NO**

1

**TAKEOFF MINIMUMS:**

RWY 3, 21: NA - ENVIRONMENTAL.

RWY 12: STANDARD.

RWY 30: 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 249 FT PER NM TO 2500, OR ALTERNATELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER MILE CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2200 FEET PRIOR TO DER.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 12, LIGHTING 10 FT FROM DER, 18 FT RIGHT OF CENTERLINE, 2 FT AGL/2272 FT MSL.

LIGHTING 10 FT FROM DER, 15 FT LEFT OF CENTERLINE, 2 FT AGL/2273 FT MSL.

POLE, TRAVERSE\_WAY BEGINNING 630 FT FROM DER, 144 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/2311 FT MSL.

NOTE: RWY 30, LIGHTING 9 FT FROM DER, 18 FT RIGHT OF CENTERLINE, 2 FT AGL/2242 FT MSL.

LIGHTING 9 FT FROM DER, 18 FT LEFT OF CENTERLINE, 2 FT AGL/2242 FT MSL.

BUILDING 554 FT FROM DER, 640 FT RIGHT OF CENTERLINE, 27 FT AGL/2264 FT MSL.

GENERAL\_UTILITY 4410 FT FROM DER, 1465 FT RIGHT OF CENTERLINE, 170 FT AGL/2366 FT MSL.

STACK 5674 FT FROM DER, 1751 FT RIGHT OF CENTERLINE, 167 FT AGL/2417 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 30: 2417 FT MSL STACK 482354.89N/1025500.18W

**REMARKS:**

**FLIGHT INSPECTED BY:**

ANTHOINY D VALLERA

*Digitally signed by*

**ROBERT G HAMILTON**

Jun 18, 2018

**OFFICE SYMBOL:**

FICO

**DATE:**

6/14/18

**DEVELOPED BY:**

LONNIE EVERHART  
(MICHAEL HARRIS)

*Digitally signed by*

**ROBERT G HAMILTON**

Jun 18, 2018

**OFFICE SYMBOL:**

AJV-5400

**DATE:**

02/28/2018

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*

**ROBERT G HAMILTON**

Jun 18, 2018

**OFFICE SYMBOL:**

AJV-5400

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**

**ALPA**

**AOPA**

**APA**

**HAI**

**NBAA**



**OTHER:**

ZMP, AIRPORT MANAGER

**CHANGES - REASONS:**

1. CHANGED RWY 30 TAKEOFF MINIMUMS FROM STANDARD TO 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 249 FT PER NM TO 2500, OR ALTERNATELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER MILE CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER

QUALITY  
6  
CHECKED

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- THAN 2200 FEET PRIOR TO DER- TO INCORPORATE NOTAM FDC 7/7900.  
2. UPDATED TAKEOFF OBSTACLE NOTES RWY 12/30- NEW OBSTACLE EVALUATION.  
3. ADDED CONTROLLING OBSTACLE RWY 30-TO INCORPORATE NOTAM FDC 7/7900.

