

**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>
5N8	CASSELTON	ND	ORIG-A	

TAKEOFF MINIMUMS:

RWY 13: STANDARD.

RWY 31: 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 212 FT/NM TO 1400.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13: LIGHT POLES 9 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 2 FT AGL/929 FT MSL.

VEHICLE ON ROAD 380 FT FROM DER, 347 FT LEFT OF CENTERLINE, 941 FT MSL.

NOTE: RWY 31: LIGHT POLES 9 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 2 FT AGL/934 FT MSL.

WIND INDICATOR 25 FT FROM DER, 125 FT LEFT OF CENTERLINE, 10 FT AGL/942 FT MSL.

BUILDING 68 FT FROM DER, 455 FT LEFT OF CENTERLINE, 26 FT AGL/958 FT MSL.

BUILDING 214 FT FROM DER, 455 FT LEFT OF CENTERLINE, 31 FT AGL/963 FT MSL.

BUILDING, VEHICLES ON ROAD BEGINNING 214 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/966 FT MSL.

VEHICLES ON ROAD BEGINNING 707 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 951 FT MSL.

TREE 1725 FT FROM DER, 687 FT LEFT OF CENTERLINE, 1009 FT MSL.

TREES BEGINNING 2012 FT FROM DER, 625 FT LEFT OF CENTERLINE, UP TO 1017 FT MSL.

TOWER 2.1 NM FROM DER, 2370 FT LEFT OF CENTERLINE, 324 FT AGL/1277 FT MSL.

CONTROLLING OBSTACLES:

RWY 31: 1277 FT MSL TOWER 465241.52N/0971527.17W.

REMARKS:

100 FT VEGETATION HEIGHT USED. - PER FPT.

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES
REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

Oct 21, 2024

DATE

DEVELOPED BY

LEO PALMER

Digitally signed by

LEO PALMER

Oct 21, 2024

OFFICE

AJV-A421

DATE

07/31/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Oct 21, 2024

OFFICE

AJV-A421

DATE

02/20/2025

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER: ZMP FAR APP CON AMGR

CHANGES - REASONS:

- TAKEOFF MINIMUMS: RWY 31 REMOVED "TAKEOFF MUST OCCUR NO LATER THAN 1700 FT PRIOR TO DEPARTURE END OF RUNWAY." - CONTROLLING OBS OUTSIDE 2 NM ICA, UNABLE TO APPLY FAA 8260.3E 13-1-4 D.

- TAKEOFF MINIMUMS: VISIBILITY INCREASED FROM 2 1/2 TO 2 3/4. - OBS BEYOND 2.5 SM FROM DER, INCREASE DUE TO ROUNDING.

- TAKEOFF OBSTACLE NOTES: UPDATED ALL RWY NOTES IAW TARGETS EVALUATION. - CLEARS T-NOTAM 3/0349

- CONTROLLING OBSTACLES: UPDATED FROM "TOWER 465242.00N/0971527.00W." TO "TOWER 465241.52N/0971527.17W." - UPDATE DATABASE OBST WITH CURRENT LAT/LONGS.

QUALITY
23
CHECKED