

**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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
WAYNE, NE	WAYNE MUNI/ STAN MORRIS FLD	3 JANUARY 2019	5

TAKEOFF MINIMUMS:

RWY 13, 31: NA - ENVIRONMENTAL.

RWY 36: STANDARD.

RWY 18: STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 2000 OR 900-3 FOR VCOA.

RWY 23: STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 2000 OR 900-3 FOR VCOA.

RWY 5: 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 330 FT PER NM TO 1700.

TEXTUAL DEPARTURE PROCEDURES:

RWY 18: CLIMB HEADING 175.47 TO 2000 BEFORE TURNING RIGHT.

RWY 23: CLIMB HEADING 228.05 TO 2000 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

RWY 18, 23: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WAYNE MUNI/ STAN MORRIS FIELD AT OR ABOVE 2200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 05, FENCE 39 FT FROM DER, 347 FT RIGHT OF CENTERLINE, 7 FT AGL/1429 FT MSL.

TERRAIN 1961 FT FROM DER, 438 FT RIGHT OF CENTERLINE, 1494 FT MSL.

TREE, POLE BEGINNING 2799 FT FROM DER, 441 FT LEFT OF CENTERLINE, UP TO 1507 FT MSL.

TREE, POLE, TREE, BUILDING BEGINNING 4658 FT FROM DER, 170 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1619 FT MSL.

TREE 1.1 NM FROM DER, 2068 FT RIGHT OF CENTERLINE, 50 FT AGL/1612 FT MSL.

NOTE: RWY 18, TREE, TERRAIN BEGINNING 37 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 1446 FT MSL.

VEHICLES ON ROAD 663 FT FROM DER, CROSSING CENTERLINE, UP TO 1455 FT MSL.

TREE BEGINNING 5105 FT FROM DER, 1848 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/1592 FT MSL.

NOTE: RWY 23, TOWER, TREE, BUILDING, POLE BEGINNING 113 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/1489 FT MSL.

TREE, POLE, GENERAL UTILITY BEGINNING 225 FT FROM DER, 271 FT RIGHT OF CENTERLINE, UP TO 1478 FT MSL.

TREE, POLE, BUILDING BEGINNING 788 FT FROM DER, 76 FT RIGHT OF CENTERLINE, UP TO 1503 FT MSL.

TREES BEGINNING 945 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 1492 FT MSL.

NOTE: RWY 36, TREE 92 FT FROM DER, 293 FT LEFT OF CENTERLINE, 1438 FT MSL.

POLE 385 FT FROM DER, 540 FT LEFT OF CENTERLINE, 31 FT AGL/1453 FT MSL.

POLE 421 FT FROM DER, 436 FT RIGHT OF CENTERLINE, 33 FT AGL/1453 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 1569 FT MSL TREE 421448.00/0965736.00W (CG/CGTA/CEILING), 1562 MSL TREE 421500.00N/0965706.00W (VISIBILITY).

RWY 18: 1851 FT MSL TOWER 421210.62N/0965956.85W.

RWY 23: 1805 FT MSL TOWER 421359.46N/0970204.89W.

RWY 18, 23: (VCOA) 1875 FT MSL TOWER 421217.00/0970251.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 18: 1851 FT MSL TOWER 421210.62N/0965956.85W.

RWY 23: 1805 FT MSL TOWER 421359.46N/0970204.89W.

REMARKS:

QUALITY
10
CHECKED

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WAYNE, NE	WAYNE MUNI/ STAN MORRIS FLD	3 JANUARY 2019	5

FLIGHT INSPECTED BY: DONALD MCGOUGH	<i>Digitally signed by</i> GEORGE E DAVIS Nov 02, 2018	OFFICE SYMBOL: FICO	DATE: 10/30/18
DEVELOPED BY: IVAN BLANCO	<i>Digitally signed by</i> IVAN BLANCO Jul 03, 2018	OFFICE SYMBOL: AJV-5432	DATE: 06/29/2018
APPROVED BY: PATRICK MULQUEEN	<i>Digitally signed by</i> GEORGE E DAVIS Nov 01, 2018	OFFICE SYMBOL: AJV-5430	DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZMP, SUX APP CON, AMGR, NE STATE AERO

CHANGES - REASONS:

1. ADDED TAKEOFF MINIMUMS AND DEPARTURE PROCEDURES TO RWYS 18, 23 - TO CLEAR FDC 7/9823.
2. AMENDED RWY 5 TAKEOFF MINIMUMS FROM: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 1700 TO: 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 330 FT PER NM TO 1700 - NEW EVALUATION RESULT.
3. ADDED VCOA TO RWYS 18, 23 - IDENTIFIED 40:1 PENETRATIONS OUTSIDE SEE AND AVOID AREA.
4. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL APPLICABLE RWYS - OBSTACLE DATA CHANGES.
5. UPDATED CONTROLLING OBSTACLES - NEW EVALUATION RESULTS:
RWY 5 FROM: 1603 MSL TREE, 421500.88N/0965735.24W. TO: 1569 FT MSL TREE 421448.00/0965736.00W (CG/CGTA/CEILING), 1562 MSL TREE 421500.00N/0965706.00W (VISIBILITY).
RWY 18 FROM: 1818 MSL TOWER 421200.00N/0970016.00W TO: 1851 FT MSL TOWER 421210.62N/0965956.85W.
RWY 23 FROM: 1804 MSL TOWER 421359.46N/0970204.89W TO: 1805 FT MSL TOWER 421359.46N/0970204.89W.
6. ADDED VCOA CONTROLLING OBSTACLES FOR RWY 18, 23 - VCOA ADDED.
7. UPDATED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 18 FROM 1818 MSL TOWER 421200.00N/0970016.00W TO: 1851 FT MSL TOWER 421210.62N/0965956.85W, RWY 23 FROM: 1804 MSL TOWER 421359.46N/0970204.89W TO: 1805 FT MSL TOWER 421359.46N/0970204.89W.
8. UPDATED AIRPORT NAME FROM: WAYNE MUNI TO: WAYNE MUNI/STAN MORRIS FIELD - NAME CHANGED 10/20/2011.

QUALITY
10
CHECKED