

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>
GRAND RAPIDS, MN	GRAND RAPIDS/ITASCA CO-GORDON NEWSTROM FLD	20 JUNE 2019	4A

TAKEOFF MINIMUMS:

RWY 5, 23: NA - ENVIRONMENTAL.
RWY 16, 34: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, LIGHTING BEGINNING 4 FT FROM DER, ON CENTERLINE, UP TO 1 FT AGL/1357 FT MSL.
LIGHTING 11 FT FROM DER, 30 FT LEFT OF CENTERLINE, 2 FT AGL/1357 FT MSL.
TREE 398 FT FROM DER, 582 FT LEFT OF CENTERLINE, 1368 FT MSL.
TREES BEGINNING 1122 FT FROM DER, 569 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/1409 FT MSL.
TREE 1654 FT FROM DER, 898 FT LEFT OF CENTERLINE, 1410 FT MSL.
TREE 2232 FT FROM DER, 1086 FT RIGHT OF CENTERLINE, 1421 FT MSL.
TREES BEGINNING 2267 FT FROM DER, 502 FT RIGHT OF CENTERLINE, UP TO 1425 FT MSL.
TREE 2859 FT FROM DER, 1240 FT LEFT OF CENTERLINE, 1429 FT MSL.
TREE 3055 FT FROM DER, 1264 FT RIGHT OF CENTERLINE, 1434 FT MSL.
TREES BEGINNING 3187 FT FROM DER, 1130 FT RIGHT OF CENTERLINE, UP TO 1443 FT MSL.
TREE 3221 FT FROM DER, 1175 FT LEFT OF CENTERLINE, 1441 FT MSL.
TREES BEGINNING 3255 FT FROM DER, 1284 FT RIGHT OF CENTERLINE, UP TO 1448 FT MSL.
TREES BEGINNING 3329 FT FROM DER, 1337 FT LEFT OF CENTERLINE, UP TO 1447 FT MSL.

NOTE: RWY 34, LIGHTING BEGINNING 3 FT FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/1299 FT MSL.
LIGHTING 9 FT FROM DER, 50 FT RIGHT OF CENTERLINE, 2 FT AGL/1299 FT MSL.
LIGHTING, POLES BEGINNING 9 FT FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/1300 FT MSL.
TREE 3267 FT FROM DER, 1353 FT LEFT OF CENTERLINE, 109 FT AGL/1405 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018; SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

Digitally signed by

WARDELL HENNING

DEVELOPED BY:

ANDREW HENNING (THERON CYRUS)

Digitally signed by

WARDELL HENNING

Apr 12, 2019

OFFICE SYMBOL:

Apr 12, 2019

AJV-A432

DATE:

01/17/2019

APPROVED BY:

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Apr 12, 2019

OFFICE SYMBOL:

AJV-A430

DATE:



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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, ARPT MGR

CHANGES - REASONS:

1. REMOVED ALL REFERENCE TO RWY 10/28 - SCOPE OF AMENDMENT PER PTS.
2. UPDATED TAKEOFF OBSTACLE NOTES RWY 16/34 - NEW OBSTACLE EVALUATION/NEW VG SURVEY.

