

**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	AIRPORT	EFFECTIVE DATE	AMDT NO
MIDDLETON, WI	MIDDLETON MUNI - MOREY FIELD	3 JANUARY 2019	2

TAKEOFF MINIMUMS:

RWY 1, 19, NA (TURF).
RWY 10, STANDARD.
RWY 28, 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 293 FT PER NM TO 1400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 10, CLIMB ON HEADING 100.63 TO 2600 BEFORE TURNING RIGHT.
RWY 28, CLIMB ON HEADING 280.64 TO 2600 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, POLE 583 FT FROM DER, 516 FT RIGHT OF CENTERLINE, 32 FT AGL/953 FT MSL.
POLE 874 FT FROM DER, 461 FT RIGHT OF CENTERLINE, 33 FT AGL/954 FT MSL.
POLE BEGINNING 1148 FT FROM DER, 523 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/973 FT MSL.
TREE 1168 FT FROM DER, 592 FT RIGHT OF CENTERLINE, 991 FT MSL.
BUILDING 1276 FT FROM DER, 437 FT LEFT OF CENTERLINE, 30 FT AGL/975 FT MSL.
TREE, POLE, TRANSMISSION LINE TWR BEGINNING 1299 FT FROM DER, 225 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/1002 FT MSL. TRANSMISSION LINE, POLE BEGINNING 2823 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/1003 FT MSL.

NOTE: RWY 28, VEGETATION 36 FT FROM DER, 173 FT LEFT OF CENTERLINE, 930 FT MSL.
VEGETATION 198 FT FROM DER, 346 FT RIGHT OF CENTERLINE, 938 FT MSL.
TREE 524 FT FROM DER, 470 FT LEFT OF CENTERLINE, 944 FT MSL.
TREES BEGINNING 843 FT FROM DER, 647 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/985 FT MSL.
TREES BEGINNING 1199 FT FROM DER, 574 FT LEFT OF CENTERLINE, UP TO 999 FT MSL.
TREES BEGINNING 2160 FT FROM DER, 425 FT LEFT OF CENTERLINE, UP TO 1023 FT MSL.
TREE, BUILDING BEGINNING 2416 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 1026 FT MSL.
TREE 2626 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 1008 FT MSL.
TREES BEGINNING 2633 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 1031 FT MSL.
TREE 2708 FT FROM DER, 1 FT RIGHT OF CENTERLINE, 1019 FT MSL.
TREE 3081 FT FROM DER, 134 FT RIGHT OF CENTERLINE, 1022 FT MSL.
TREES BEGINNING 3088 FT FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 1037 FT MSL.
TREE 4291 FT FROM DER, 481 FT RIGHT OF CENTERLINE, 1038 FT MSL.
TREE 5015 FT FROM DER, 70 FT RIGHT OF CENTERLINE, 1071 FT MSL.
TREE 5145 FT FROM DER, 74 FT LEFT OF CENTERLINE, 1095 FT MSL.
TREES BEGINNING 5293 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 1109 FT MSL.
TREES BEGINNING 5307 FT FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 1098 FT MSL.
TREE, BUILDING BEGINNING 5458 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 1105 FT MSL.
TREE 1 NM FROM DER, 302 FT LEFT OF CENTERLINE, 1107 FT MSL.
TREE 1 NM FROM DER, 420 FT LEFT OF CENTERLINE, 1121 FT MSL.
TREE 1 NM FROM DER, 652 FT LEFT OF CENTERLINE, 1124 FT MSL.
TREE 1 NM FROM DER, 564 FT LEFT OF CENTERLINE, 1127 FT MSL.
TREE 1.3 NM FROM DER, 2609 FT LEFT OF CENTERLINE, 63 FT AGL/1139 FT MSL.
TRANSMISSION LINE BEGINNING 1.5 NM FROM DER, 214 FT LEFT OF CENTERLINE, UP TO 131 FT AGL/1206 FT MSL.
TRANSMISSION LINE 1.5 NM FROM DER, 579 FT RIGHT OF CENTERLINE, 123 FT AGL/1202 FT MSL.
TRANSMISSION LINE BEGINNING 1.6 NM FROM DER, 1294 FT RIGHT OF CENTERLINE, UP TO 141 FT AGL/1217 FT MSL.

CONTROLLING OBSTACLES:

RWY 28, 1217 FT MSL T-L TOWER 430722.26N/0893433.47W (CEILING) 1210 FT MSL T-L TOWER 430740.49N/0893433.56W (VIS) 1206 FT MSL T-L TOWER 430645.36N/0893434.14W (CG/CGTA).
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: 2549 FT MSL FT TOWER 430320.54N/0893206.33W.

REMARKS:

QUALITY
3
CHECKED

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MIDDLETON, WI	MIDDLETON MUNI - MOREY FIELD	3 JANUARY 2019	2

FLIGHT INSPECTED BY:

Digitally signed by

SCOTT WIEBE

ROBERT G HAMILTON

Sep 28, 2018

OFFICE SYMBOL:

FICO

DATE:

9/15/18

DEVELOPED BY: *Digitally signed by*

HEIDI SNIDER

HEIDI SNIDER

Sep 05, 2018

OFFICE SYMBOL:

AJV-5423

DATE:

08/20/2018

APPROVED BY:

Digitally signed by

JULIE MORGAN

ROBERT G HAMILTON

Sep 28, 2018

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

ZAU, MSN ATCT, APT MGR

CHANGES - REASONS:

1. UPDATED TAKEOFF MINIMUMS RWY 28 FROM 300-1 OR STANDARD WITH MINIMUM CLIMB OF 468 FEET PER NM TO 1300. TO 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 293 FT PER NM TO 1400. - OBSTACLE EVALUATION.
2. UPDATED DEPARTURE PROCEDURE INSTRUCTIONS RWY 10, FROM ..."BEFORE PROCEEDING ON COURSE" TO " BEFORE TURNING RIGHT" AND RWY 28, FROM ..."BEFORE PROCEEDING ON COURSE" TO "BEFORE TURNING LEFT". - IAW 8260.46F APP. D, TO BETTER DESCRIBE WHERE THE PENETRATIONS ARE LOCATED RELATIVE TO THE RUNWAY END.
3. UPDATED TAKEOFF OBSTACLE NOTES - UPDATED OBSTACLE EVALUATION.
4. UPDATED CONTROLLING OBSTACLES - UPDATED OBSTACLE SURVEY DATA.

