

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
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City, State	Airport	Effective Date	Amdt. No.
ELMIRA/CORNING, NY	ELMIRA/CORNING RGNL		9

TAKEOFF MINIMUMS:

RWY 5, 23, NA-ATC.

RWY 6, 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 1600.

RWY 10, 500-2 WITH MINIMUM CLIMB OF 269 FT PER NM TO 2200 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 1600 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 24, STANDARD WITH MINIMUM CLIMB OF 405 FT PER NM TO 2300 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 28, 800-3 WITH MINIMUM CLIMB OF 373 FT PER NM TO 2400 OR STANDARD WITH MINIMUM CLIMB OF 639 FT PER NM TO 2000 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6 – CLIMB HEADING 062.39 TO 2100 BEFORE PROCEEDING ON COURSE.

RWY 10 – CLIMB HEADING 101.27 TO 2500 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS ELMIRA/CORNING RGNL AIRPORT AT OR ABOVE 2800 MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 24 – CLIMB HEADING 242.40 TO 2600 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS ELMIRA/CORNING RGNL AIRPORT AT OR ABOVE 2800 MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 28 – CLIMB HEADING 281.29 TO 2400 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS ELMIRA/CORNING RGNL AIRPORT AT OR ABOVE 2800 MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, TREES BEGINNING 581 FT FROM DER, 513 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/1023 FT MSL. TREES BEGINNING 3057 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/1044 FT MSL. TREES 1.5 NM FROM DER, 2967 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/1363 FT MSL. TREES 2.1 NM FROM DER, 3856 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/1428 FT MSL. TREES 2.2 NM FROM DER, 3892 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/1335 FT MSL.

NOTE: RWY 10, WALL, BUILDING, POLES, AND TREES BEGINNING 25 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/1021 FT MSL. POLES AND TREES BEGINNING 128 FT FROM DER, 110 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/1096 FT MSL. TREES 1.3 NM FROM DER, 2592 FT RIGHT OF CENTERLINE, UP TO 92 FT AGL/1351 FT MSL. TREES 1.3 NM FROM DER, 2662 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/1357 FT MSL. COMMUNICATIONS TOWER 1.7 NM FROM DER, 1756 FT RIGHT OF CENTERLINE, 249 FT AGL/1236 FT MSL.

NOTE: RWY 24, TERRAIN, SIGN, AND TREES BEGINNING 34 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/1005 FT MSL. TERRAIN BEGINNING 11 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 944 FT MSL.

NOTE: RWY 28, ANTENNA AND TREES BEGINNING 7 FT FROM DER, 186 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1039 FT MSL. TERRAIN, VEHICLES ON ROAD, TOWER, ANTENNA, BUILDINGS, POLES AND TREES BEGINNING 27 FT FROM DER, 369 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/1079 FT MSL. TREES 1.4 NM FROM DER, 2095 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1624 FT MSL. TREES 1.7 NM FROM DER, 2432 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/1708 FT MSL. TREES 2.5 NM FROM DER, 4399 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1672 FT MSL.

CONTROLLING OBSTACLES:

RWY 6: 1363 FT MSL TREES 421124.88N/0765139.62W. 1428 FT MSL TREES 421153.28N/0765111.98W. 1335 TREES 421156.20N/0765107.98W.

RWY 10: 1351 FT MSL TREES 420904.11N/0765113.98W. 1357 FT MSL TREES 420903.45N/0765109.92W. 1236 FT MSL COMMUNICATIONS TOWER 420912.66N/0765042.51W. 1859 FT MSL AAO 420949.60N/0764657.40W.

RWY 24: 1969 FT MSL AAO 420627.80N/0765647.60W.

RWY 28: 1624 FT MSL TREES 420947.17N/0765603.71W. 1708 FT MSL TREES 420950.84N/0765625.47W. 1672 FT MSL TREES 421009.66N/0765729.18W. 1999 FT MSL AAO 421007.15N/0765910.65W.

RWY 10, 24, 28 (VCOA): 2549 FT MSL TOWER 420622.00N/0765216.00W.

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OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 6 – 2549 FT MSL TOWER 420622.00N/0765216.00W.

RWY 10 – 2549 FT MSL TOWER 420622.00N/0765216.00W.

RWY 24 – 2549 FT MSL TOWER 420622.00N/0765216.00W.

RWY 28 – 2045 FT MSL AAO 421045.12N/0765917.15W.

REMARKS:

PROCEDURE DEVELOPED USING PENDING AVNIS RUNWAY DATA (RWY 6/24, DATED 7/19/2011; RWY 10/28, DATED 8/9/2011).



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FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER R. GUIMOND AJV-352 05/11/2012

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZNY, ELM APP CON, ELM ATCT, ARPT MGR

CHANGES:

1. AMENDED RWY 6 TAKEOFF MINIMUMS TO 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 1600 FROM 600-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 1700.
2. AMENDED RWY 6 DEPARTURE PROCEDURE TO CLIMB HEADING 062.39 TO 2100 BEFORE PROCEEDING ON COURSE FROM CLIMB HEADING 062.39 TO 2400 BEFORE PROCEEDING ON COURSE.
3. AMENDED RWY 10 TAKEOFF MINIMUMS TO 500-2 WITH MINIMUM CLIMB OF 269 FT PER NM TO 2200 OR STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 1600 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS FROM STANDARD WITH MINIMUM CLIMB OF 449 FT PER NM TO 1600 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.
4. AMENDED RWY 24 CLIMB GRADIENT TO 405 FT PER NM TO 2300 FROM 423 FT PER NM TO 2400.
5. AMENDED RWY 28 TAKEOFF MINIMUMS TO 800-3 WITH MINIMUM CLIMB OF 373 FT PER NM TO 2400 OR STANDARD WITH MINIMUM CLIMB OF 639 FT PER NM TO 2000 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS FROM STANDARD WITH MINIMUM CLIMB OF 636 FT PER NM TO 2100 OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS.
6. ADDED NOTE TO DEPARTURE PROCEDURE FOR RWY 10, 24, AND 28: WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.
7. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RWYS.
8. AMENDED CONTROLLING OBSTACLES AND ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR ALL RWYS.

REASONS:

1. RUNWAY EXTENSION AND NEW OBSTACLE SURVEY/STUDY.
2. NEW OBSTACLE STUDY.
3. NEW OBSTACLE STUDY.
4. NEW OBSTACLE SURVEY/STUDY.
5. NEW OBSTACLE SURVEY/STUDY.
6. IAW CURRENT DOCUMENTATION POLICY.
7. NEW OBSTACLE SURVEY/STUDY.
8. IAW CURRENT DOCUMENTATION POLICY.

