

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ELMIRA	FOUR		THREE	11/15/2012	

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 6: CLIMB HEADING 062.39 TO 4000, THENCE...
TAKEOFF RWY 10: CLIMB HEADING 101.27 TO 4000, THENCE...
TAKEOFF RWY 24: CLIMB HEADING 242.40 TO 4000, THENCE...
TAKEOFF RWY 28: CLIMB HEADING 281.29 TO 4000, THENCE...

... EXPECT RADAR VECTORS TO JOIN ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
-----------------	---------------------------	--------------------	---------------	--------	----------	-----	------	--------------------------

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

NOTE: PROCEDURE NA WHEN ELM APP CON CLOSED.

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.

RWY 24, STANDARD WITH MINIMUM CLIMB OF 405 FT PER NM TO 2300.

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.

TAKEOFF OBSTACLES 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.

QUALITY
15
CHECKED

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ELMIRA	FOUR		THREE	11/15/2012	

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.
2549 FT MSL TOWER 420622.00N/0765216.00W.

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. 2549 FT MSL TOWER 420622.00N/0765216.00W.

RWY 24: 1969 FT MSL AAO 420627.80N/0765647.60W. 2549 FT MSL TOWER 420622.00N/0765216.00W.

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. 2045 FT MSL AAO 421045.12N/0765917.15W.

LOST COMMUNICATIONS PROCEDURES:

IF RADIO CONTACT IS NOT ESTABLISHED/LOST WITHIN 2 MINUTES AFTER DEPARTURE, PROCEED ON COURSE AND CLIMB TO 5000. TEN MINUTES AFTER DEPARTURE,
CLIMB TO FILED ALTITUDE/FLIGHT LEVEL.

ADDITIONAL FLIGHT DATA:

CHART: CAUTION: EXTENSIVE GLIDER ACTIVITY IN VICINITY OF AIRPORT.

CHART: TOP ALTITUDE: 4000.

AIRPORTS SERVED:

ELMIRA/CORNING RGNL

ELMIRA/CORNING, NY

COMMUNICATIONS:

ATIS, CLEARANCE DEL, GROUND CONTROL, TOWER, ELM DEP CON 119.45

FIXES AND/OR NAVAIDS:

ALP NDB, ITH VOR/DME, CFB VORTAC, FQM VOR/DME, SFK VOR/DME, ELZ VORTAC, ULW VOR/DME.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ELMIRA	FOUR		THREE	11/15/2012	

REMARKS:

<i>Digitally signed by</i> DONALD H LANIER			
<u>FLIGHT INSPECTED BY:</u>	Apr 21, 2016		<u>REQUIRED EFFECTIVE DATE:</u>
FLIGHT INSPECTION NOT REQUIRED	AJV-5440	06/28/2012	ROUTINE
GEORGE E. DAVIS, MANAGER			
<u>DEVELOPED BY:</u>	<i>Digitally signed by</i> MARVIN E WHITE		
MARVIN WHITE	AJV-5443	02/01/2016	
	Feb 01, 2016		
<u>APPROVED BY:</u>	<i>Digitally signed by</i> DONALD H LANIER		
GEORGE E. DAVIS	AJV-5440		
<u>COORDINATED WITH:</u>	Apr 21, 2016		
ATA, ALPA, APA, AOPA, NBAA, ZNY, ELM APP CON, ELM ATCT, ARPT MGR			

CHANGES:

ADDED CHART: TOP ALTITUDE: 4000.

REASONS:

ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ELMIRA	FOUR		THREE	11/15/2012	

ARINC SUMMARY - KELM

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW06	010		VA	FB		062.4						AA 04000		
RW06	020		VM	FB		062.4								E
RW10	010		VA	FB		101.3						AA 04000		
RW10	020		VM	FB		101.3								E
RW24	010		VA	FB		242.4						AA 04000		
RW24	020		VM	FB		242.4								E
RW28	010		VA	FB		281.3						AA 04000		
RW28	020		VM	FB		281.3								E

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW06	N420916.79	W0765405.92	00940
RW10	N420928.07	W0765410.61	00934
RW24	N421002.12	W0765252.28	00954
RW28	N420928.69	W0765304.20	00944

QUALITY
15
CHECKED