

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.
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.
ERIE, PA	ERIE INTL/TOM RIDGE FIELD	12/13/2012	6

TAKEOFF MINIMUMS:

RWY 2, 6, 24: STANDARD.

RWY 20: 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 329 FT PER NM TO 1100.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2 - CLIMB HEADING 020.11 TO 1300 BEFORE TURNING RIGHT.

RWY 6 - CLIMB HEADING 064.48 TO 1900 BEFORE TURNING RIGHT.

RWY 20 - CLIMB HEADING 200.11 TO 1700 BEFORE TURNING LEFT.

RWY 24 - CLIMB HEADING 244.49 TO 1400 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, VEHICLES ON ROAD, BUILDING, TREES AND POLES BEGINNING 31 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 131 FT AGL/821 FT MSL. TREES, FENCE, VEHICLES ON ROAD AND POLES BEGINNING 74 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 107 FT AGL/817 FT MSL.

NOTE: RWY 6, TREES BEGINNING 381 FT FROM DER, 336 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/832 FT MSL. TREES BEGINNING 1360 FT FROM DER, 678 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/818 FT MSL.

NOTE: RWY 20, TREES, RAILROADS, BUILDINGS AND POLES BEGINNING 41 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/883 FT MSL. FENCE, BUSH, RAILROADS, TREES, BUILDINGS, POLES AND STEEPLE BEGINNING 130 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 112 FT AGL/869 FT MSL. TREES AND POLES BEGINNING 4411 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 103 FT AGL/883 FT MSL. TREE 1.00 NM FROM DER, 694 FT RIGHT OF CENTERLINE, UP TO 143 FT AGL/983 FT MSL. TREE 1.35 NM FROM DER, 2559 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/944 FT MSL.

NOTE: RWY 24, RAILROAD, POLE AND TREES BEGINNING 11 FT FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/797 FT MSL. ROD ON BLDG, ANTENNA AND TREES BEGINNING 135 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 111 FT AGL/834 FT MSL. TREES BEGINNING 2568 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/827 FT MSL.

CONTROLLING OBSTACLES:

RWY 20: 944 FT MSL TREE 420324.22N-0801141.33W, 983 FT MSL TREE 420341.19N-0801112.16W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 2 - 2122 FT MSL TOWER 420226.00N-0800408.00W.

RWY 6 - 2171 FT MSL TOWER 420350.93N-0800018.27W.

RWY 20 - 2122 FT MSL TOWER 420226.00N-0800408.00W.

RWY 24 - 2122 FT MSL TOWER 420226.00N-0800408.00W.

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.
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.
ERIE, PA	ERIE INTL/TOM RIDGE FIELD	12/13/2012	6

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

12/13/2012

DEVELOPED BY:

MICHAEL J. DOJCAK AJV-352 12/30/2012

APPROVED BY:

DARRYEL ADAMS AJV-352

COORDINATED WITH:

AOPA, NBAA, APA, ALPA, ATA, ZOB, ERIE APP CON, ERI ATCT, ARPT MGR.

CHANGES:

1. AMENDED RWY 20 TAKEOFF MINIMUMS FROM 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 314 FT PER NM TO 1100 TO 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 329 FT PER NM TO 1100.
2. AMENDED RWY 2 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 018.12 TO 1300 BEFORE TURNING RIGHT TO CLIMB HEADING 020.11 TO 1300 BEFORE TURNING RIGHT.
3. AMENDED RWY 6 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 062.48 TO 1900 BEFORE TURNING RIGHT TO CLIMB HEADING 064.48 TO 1900 BEFORE TURNING RIGHT.
4. AMENDED RWY 20 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 198.12 TO 1700 BEFORE TURNING LEFT TO CLIMB HEADING 200.11 TO 1700 BEFORE TURNING LEFT.
5. AMENDED RWY 24 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 242.49 TO 1400 BEFORE TURNING LEFT TO CLIMB HEADING 244.49 TO 1400 BEFORE TURNING LEFT.
6. TAKEOFF OBSTACLE NOTES UPDATED FOR ALL RUNWAYS.
7. RWY 20 CONTROLLING OBSTACLES UPDATED.
8. OBSTACLES MANDATING ODP ROUTE DEVELOPMENT ADDED.

REASONS:

1. EVALUATED TO CURRENT CRITERIA USING CURRENT OBSTACLE, TERRAIN AND AIRPORT DATA.
2. AMENDED DUE TO MAGVAR UPDATE, CURRENT AIRPORT DATA AND EVALUATION WITH CURRENT OBSTACLE AND TERRAIN DATA.
3. AMENDED DUE TO MAGVAR UPDATE.
4. AMENDED DUE TO MAGVAR UPDATE AND CURRENT AIRPORT DATA.
5. AMENDED DUE TO MAGVAR UPDATE, CURRENT AIRPORT DATA AND EVALUATION WITH CURRENT OBSTACLE AND TERRAIN DATA.
6. UPDATED TO REFLECT EVALUATION USING CURRENT CRITERIA, OBSTACLE AND TERRAIN DATA.
7. EVALUATED TO CURRENT CRITERIA, REVISED TAKEOFF MINIMUMS, AND OBSTACLE AND TERRAIN DATA.
8. PER CURRENT CRITERIA.



Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Darryel Adams, Manager, Terminal Procedures & Charting Services, Eastern Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility' column will be revised effective concurrent with the publication of the procedure(s) listed below.

- ILS OR LOC RWY 6, AMDT 17
- ILS OR LOC/DME RWY 24, AMDT 9
- NDB RWY 6, AMDT 2
- NDB RWY 24, AMDT 19
- RNAV (GPS) RWY 6, AMDT 1
- RNAV (GPS) RWY 24, AMDT 1
- TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 6
- VOR RWY 6, AMDT 17
- VOR/DME RWY 24, AMDT 13

Estimated Chart Date: 12/13/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

PENNSYLVANIA

<u>Location</u>	<u>Name</u>	<u>Airport /Facility</u>	<u>Identifier</u>	<u>Assigned Magnetic Variation Value</u>	<u>Epoch Year</u>
Erie	Erie Intl/Tom Ridge Field	Airport	KERI / ERI	Old 8° West New 10° West	2015
Erie		ILS	AWY	Old 8° West New 10° West	2015
Erie		ILS	ERI	Old 8° West New 10° West	2015
Erie	CASCADE NDB	NDB/M	CQD	Old 8° West New 10° West	2015
Erie	ESMER LOM	NDB/C	ERIER	Old 8° West New 10° West	2015

If you have any questions please notify Darryel Adams, darryel.d.adams@faa.gov (301) 427-4824