

Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: SID	Date Open: 10/01/2010	Task #: 2010040925846902002	Request #: 20100409258469
Procedure: SID BUFFALO FOUR BUFFALO BY KBUF			Airport ID: KBUF	Airport: BUFFALO NIAGARA INTL		Reimbursable #:
City: BUFFALO		ST: NY	GPS #:	Estimated Chart Date: 07/26/2012		FICO #:
Fac ID:	Fac. Type:	<i>Proz TR</i>		Specialist: DONALD SMITH(Contractor)		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/06/2011	03/16/2012	EREL PAWLEY	<div style="font-size: 2em; color: red; opacity: 0.5;">MAGVAR</div> <div style="color: red; font-size: 2em; position: absolute; top: -20px; right: -20px;">3</div>
QA:	03/16/2012	03/28/2012	STEVEN SZUKALA	
Liaison:	03/28/2012		<i>Alfonso</i>	

Procedure Comments:

Remark Type: INFORMATION

PK9 6.89

BUFFALO, NY BUFFALO NIAGARA INTL (KBUF) BUFFALO FOUR (SID) ENROUTE-NO FC: 5.29.12 PUB: 7.26.12

ATTACHED FORMS: 8260-15B.

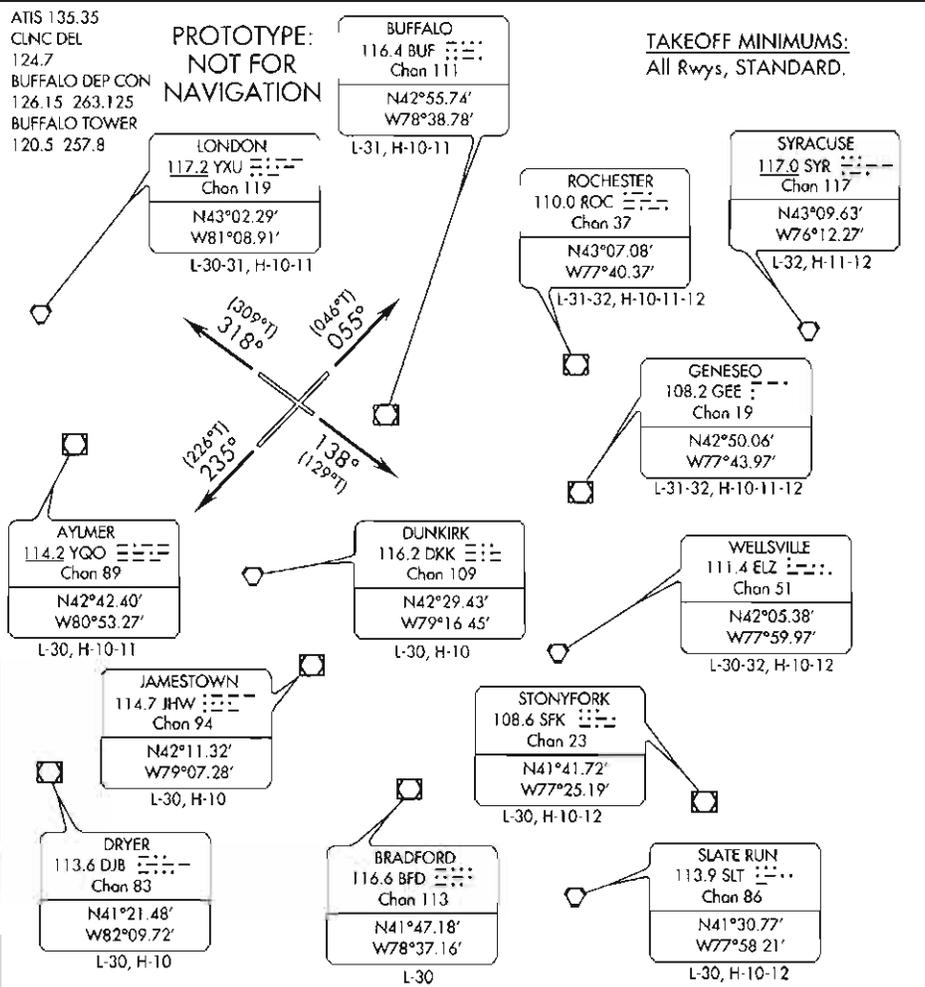
CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

(BUF4.BUF) PRE-FIG

BUFFALO FOUR DEPARTURE

SL-65 (FAA)

BUFFALO NIAGARA INTL (BUF)
BUFFALO, NEW YORK



NOTE: RADAR Required.

NOTE: Chart not to scale.

(Continued on next page)

DEPARTURE ROUTE DESCRIPTION

TURBOJET AIRCRAFT:

TAKE-OFF RUNWAY 5: Climb heading 055°, until leaving 3000. Thence. . .

TAKE-OFF RUNWAY 14: Climb heading 138°, until leaving 3000. Thence. . .

TAKE-OFF RUNWAY 23: Climb heading 235°, until leaving 3000. Thence. . .

TAKE-OFF RUNWAY 32: Climb heading 318°, until leaving 3000. Thence. . .

NON-TURBOJET AIRCRAFT ONLY: Climb on assigned heading, thence. . .

. . . expect vectors to assigned route/fix. Maintain 10000 or assigned lower altitude.

Expect clearance to filed altitude/flight level ten (10) minutes after departure.

BUFFALO FOUR DEPARTURE

(BUF4.BUF) PRE-FIG

BUFFALO, NEW YORK
BUFFALO NIAGARA INTL (BUF)

TAKE-OFF OBSTACLE NOTES

Rwy 5: Tree beginning 649' from DER, 347' left of centerline, up to 100' AGL/756' MSL.
Trees beginning 1449' from DER, 685' right of centerline, up to 100' AGL/787' MSL.

Rwy 14: Trees, poles, signs, and fence 2' from DER, 395' right of centerline, up to 100' AGL/759' MSL.
Trees, poles, and bldg beginning 329' from DER, 17' left of centerline, up to 100' AGL/790' MSL.

Rwy 23: Trees, poles, bldg, and signs beginning 393' from DER, 108' right of centerline, up to 100' AGL/741' MSL.
Trees, poles, bldg, and signs beginning 14' from DER, 216' left of centerline, up to 100' AGL/732' MSL.

Rwy 32: Trees and poles beginning 632' from DER, 10' right of centerline, up to 100' AGL/753' MSL.
Trees and vegetation beginning 16' from DER, 27' left of centerline, up to 100' AGL/756' MSL.

PROTOTYPE:
NOT FOR
NAVIGATION

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
BUFFALO	FOUR	BUF4.BUF	THREE	29 MAY 07	

TYPE: SID

DP ROUTE DESCRIPTION:

TAKE-OFF RWY 05: CLIMB HEADING 054.94 UNTIL LEAVING 3000. THENCE...
 TAKE-OFF RWY 14: CLIMB HEADING 137.65 UNTIL LEAVING 3000. THENCE...
 TAKE-OFF RWY 23: CLIMB HEADING 234.95 UNTIL LEAVING 3000. THENCE...
 TAKE-OFF RWY 32: CLIMB HEADING 317.66 UNTIL LEAVING 3000. THENCE...

NON-TURBOJET AIRCRAFT ONLY: CLIMB ON ASSIGNED HEADING, THENCE...

...EXPECT VECTORS TO ASSIGNED ROUTE/FIX. MAINTAIN 10000 OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) 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
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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 05, 14, 23, 32 STANDARD.

NOTE: RADAR REQUIRED.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 05, TREES BEGINNING 649 FT FROM DER, 347 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/756 FT MSL. TREES BEGINNING 1449 FT FROM DER, 685 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/787 FT MSL. NOTE: RWY 14, TREES, POLES, SIGNS, AND FENCE 2 FT FROM DER, 395 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/759 FT MSL. TREES, POLES, AND BLDG BEGINNING 329 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/790 FT MSL. NOTE: RWY 23, TREES, POLES, BLDG, AND SIGNS BEGINNING 393 FT FROM DER, 108 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/741 FT MSL. TREES, POLES, BLDG, AND SIGNS BEGINNING 14 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/732 FT MSL. NOTE: RWY 32, TREES AND POLES BEGINNING 632 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/753 FT MSL. TREES AND VEGETATION BEGINNING 16 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/756 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:



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

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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
BUFFALO	FOUR	BUF4.BUF	THREE		29 MAY 07

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

BUFFALO NIAGARA INTL

BUFFALO, NY

COMMUNICATIONS:

ATIS, CLNC DEL, GND CNTL, BUF DEP CON, BUFFALO NIAGARA TOWER

FIXES AND/OR NAVAIDS:

BFD VOR/DME, BUF VOR/DME, DJB VOR/DME, GEE VOR/DME, JHW VOR/DME, ROC VOR/DME, SFK VOR/DME, YQO VOR/DME, DKK VORTAC, ELZ VORTAC, YXU VORTAC, SLT VORTAC, SYR VORTAC.

REMARKS:

QUALITY
2
CHECKED

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

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BUFFALO	FOUR	BUF4.BUF	THREE	29 MAY 07	

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

DONALD SMITH
BRIAN BERUBEE

AJV-352

02/16/2012

APPROVED BY:

DARRYEL ADAMS, MANAGER

AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZOB, EST FPT, ARPT MGR, BUF APP CON

CHANGES:

1. UPDATED DEPARTURE HEADINGS.
2. UPDATED LOW CLOSE IN OBSTACLES.

REASONS:

1. MAGVAR
2. CRITERIA

QUALITY
2
CHECKED



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.

- TAKE-OFF MINIMUMS AMDT 6**
- ILS OR LOC RWY 23, AMDT 30**
- ILS OR LOC RWY 5, AMDT 15**
- ILS OR LOC/DME RWY 32, AMDT 1**
- RNAV (GPS) RWY 14, AMDT 1**
- RNAV (GPS) RWY 32, AMDT 2**
- RNAV (GPS) RWY 23, AMDT 2**
- RNAV (GPS) RWY 5, AMDT 1**
- SID BUFFALO FOUR**

Estimated Chart Date: 07/26/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

New York

<u>Location</u>	<u>Name</u>	<u>Airport /Facility</u>	<u>Identifier</u>	<u>Assigned Magnetic Variation Value</u>	<u>Epoch Year</u>
Buffalo	Buffalo Niagara Intl	Airport	KBUF / BUF	Old 9 ° West	2015
				New 11 ° West	
Buffalo		ILS	GBI	Old 9 ° West	2015
				New 11 ° West	
Buffalo		ILS	BUF	Old 9 ° West	2015
				New 11 ° West	