

24-MAY-2018

**BUF-KBUF**

1-10

AOI

AOI

**GENERAL****Operational Hours****ATS Hours:** H24**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA Index D / CAT 8**Fuel:** Jet A**PCN:** RWY 14/32: 54/F/B/W/T

RWY 05/23: 64/F/B/W/T

**Operations****TWY Restriction**

TWY K1 CLSD between 0200-1300±.

| TWY P between APCH end RWY 14 and TWY P2 CLSD to ACFT with wingspan above 32m / 105ft.

**VOR TEST FACILITY (VOT):** 109.0**Warnings****BUF VOR/DME** unusable:

R036-R261 below 11000ft.

R262-R275 below 2300ft.

R278-R035 below 6000ft.

Heavy concentration of birds up to 5000ft on and in vicinity of AD.

Deer in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.**Arrival Procedure****Non-standard GP intercept position RWY 32**

GP intercepts RWY 32 at 314m / 1030ft after landing threshold.

Remaining DIST beyond GP is 1552m / 5091ft.

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**BUF-KBUF**

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**DEPARTURE****Take-off Minima**

RWY		05/23	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		14/32	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.

06-SEP-2018

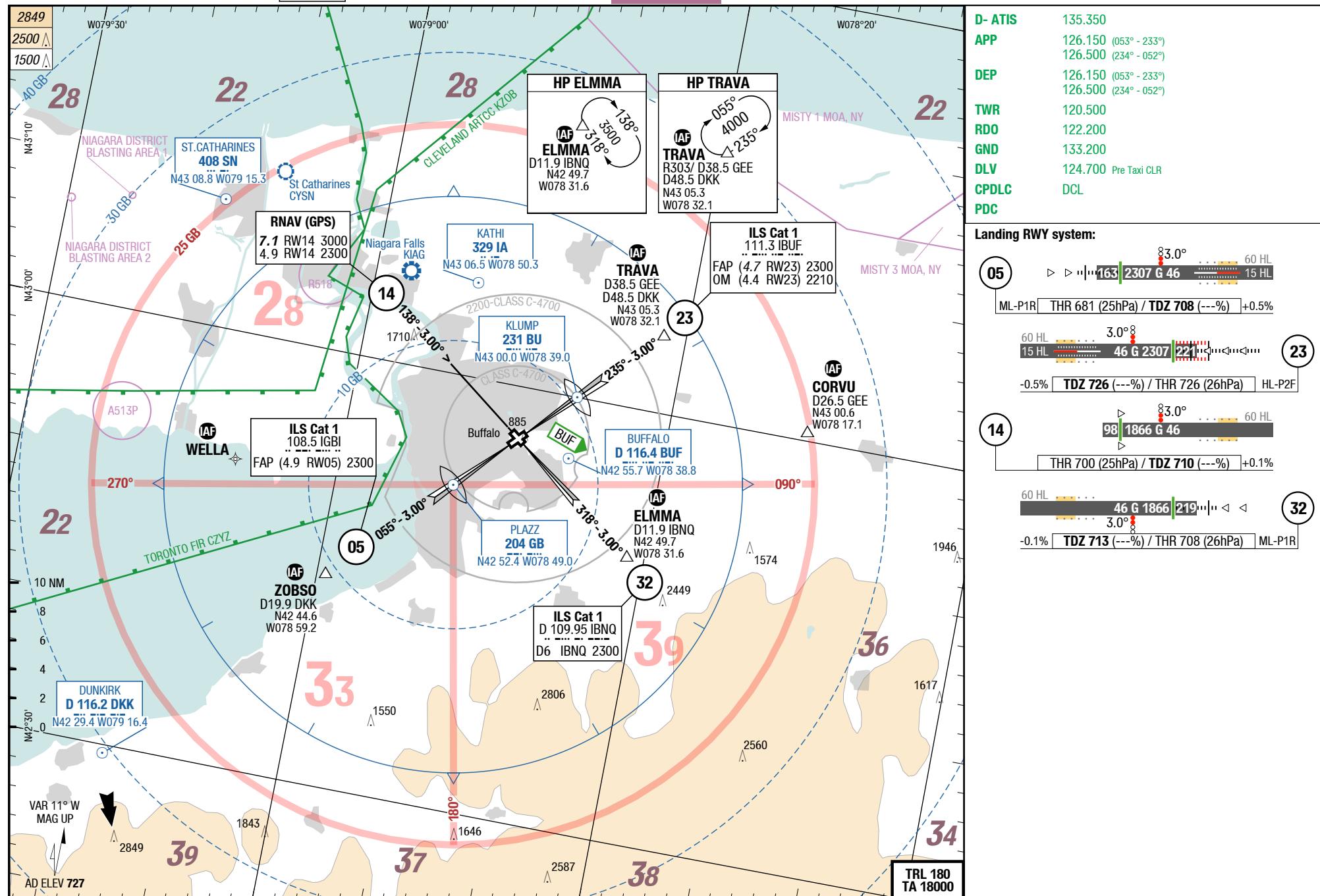
## United States Buffalo Buffalo Niagara Intl

AGC  
AFC

## Buffalo Niagara Intl Buffalo United States

AGC  
AFCAGC  
AFC

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Changes: APL

06-SEP-2018

BUF-KBUF

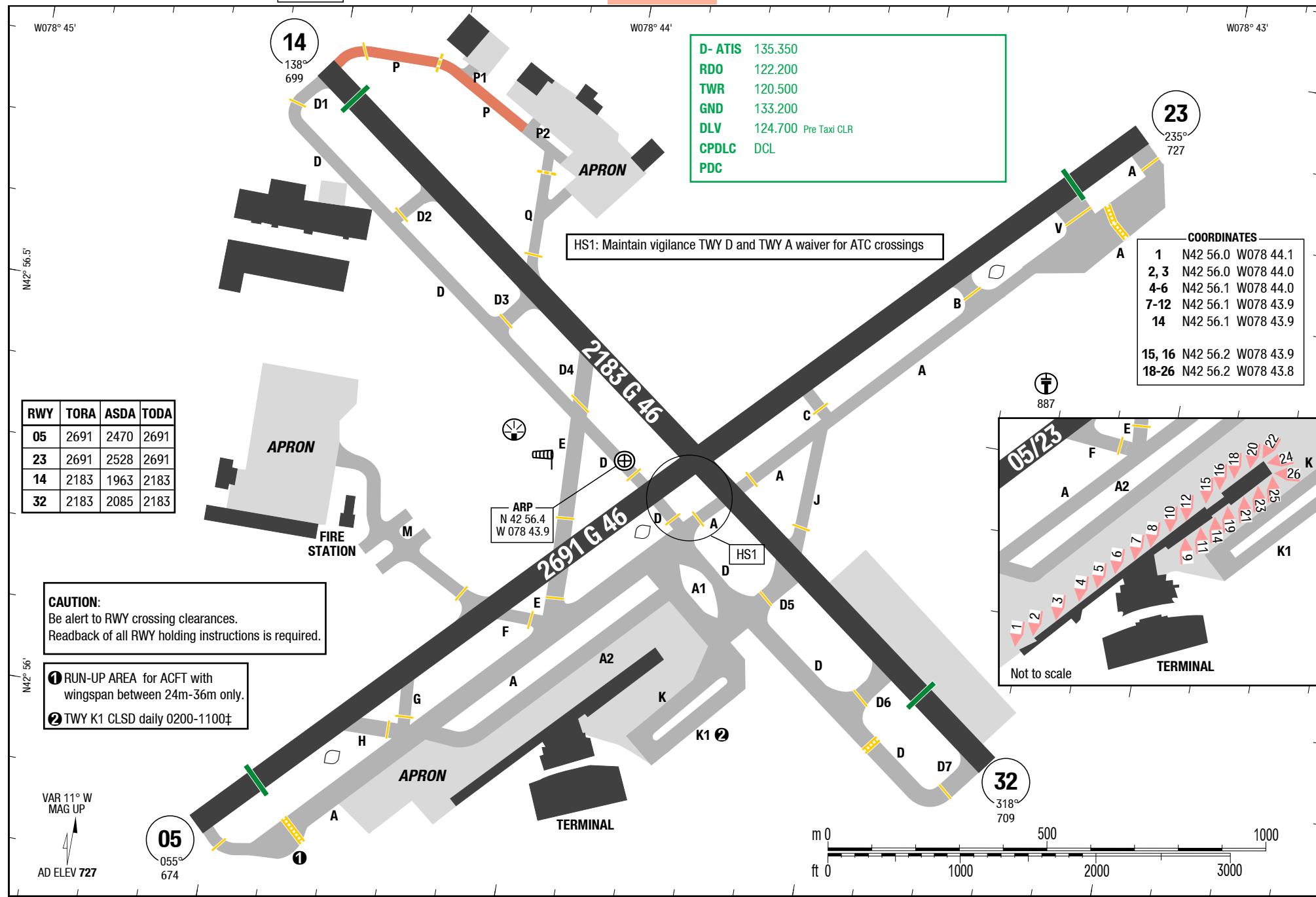
United States **Buffalo** Buffalo Niagara IntlBuffalo Niagara Intl **Buffalo** United States

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AGC

AGC

AGC



Changes: Declared distances

**Effective 19-JUL-2018**

12-JUL-2018

## BUF-KBUF

United States **Buffalo** Buffalo Niagara Intl

Buffalo Niagara Intl **Buffalo** United States

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## **BUFFALO 7 (BUF 7)**

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cid

Buffalo Niagara Intl **Buffalo** United States

## **BUFFALO 7 (BUF 7)**

BUF-KBUF

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BUFFALO 7 (BUF 7)

## BUFFALO 7

RWYs 05 (055°) / 14 (138°) / 23 (235°) / 32 (318°)

DESIGNATOR	ROUTING	ALTITUDES
<b>BUFFALO 7</b> <b>BUF 7</b> <b>126.150</b> ①②		<b>initial climb 10000 or assigned lower ALT</b>
<b>RWY 05</b>	HDG 055° - passing <b>3000</b> expect vectors	
<b>RWY 14</b>	HDG 138° - passing <b>3000</b> expect vectors	
<b>RWY 23</b>	HDG 235° - passing <b>3000</b> expect vectors	
<b>RWY 32</b>	HDG 318° - passing <b>3000</b> expect vectors	

- ① Expect further clearance to requested ALT 10 minutes after departure.  
② PROP ACFT: Expect vectors below 3000ft.

BUF-KBUF

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Obstacle Departure

SIDPT

### Obstacle Departure

RWY	Notes
05	Trees beginning 649ft from DER, 347ft left of CL, up to 100ft AGL/756ft MSL. Trees beginning 1449ft from DER, 685ft right of CL, up to 100ft AGL/787ft MSL.
14	Trees, poles, signs and fence 2ft from DER, 395ft right of CL, up to 100ft AGL/759ft MSL. Trees, poles, signs and BLDG beginning 329ft from DER, 17ft left of CL, up to 100ft AGL/790 MSL.
23	Trees, poles, BLDG and signs beginning 393ft from DER, 108ft right of CL, up to 100ft AGL/741ft MSL. Trees, poles, BLDG and signs beginning 14ft from DER, 216ft left of CL, 100ft AGL/732ft MSL.
32	Trees and poles beginning 632ft from DER, 10ft right of CL, up to 100ft AGL/753ft MSL. Trees and vegetation beginning 16ft from DER, 27ft left of CL, up to 100ft AGL/756ft MSL.

7-10

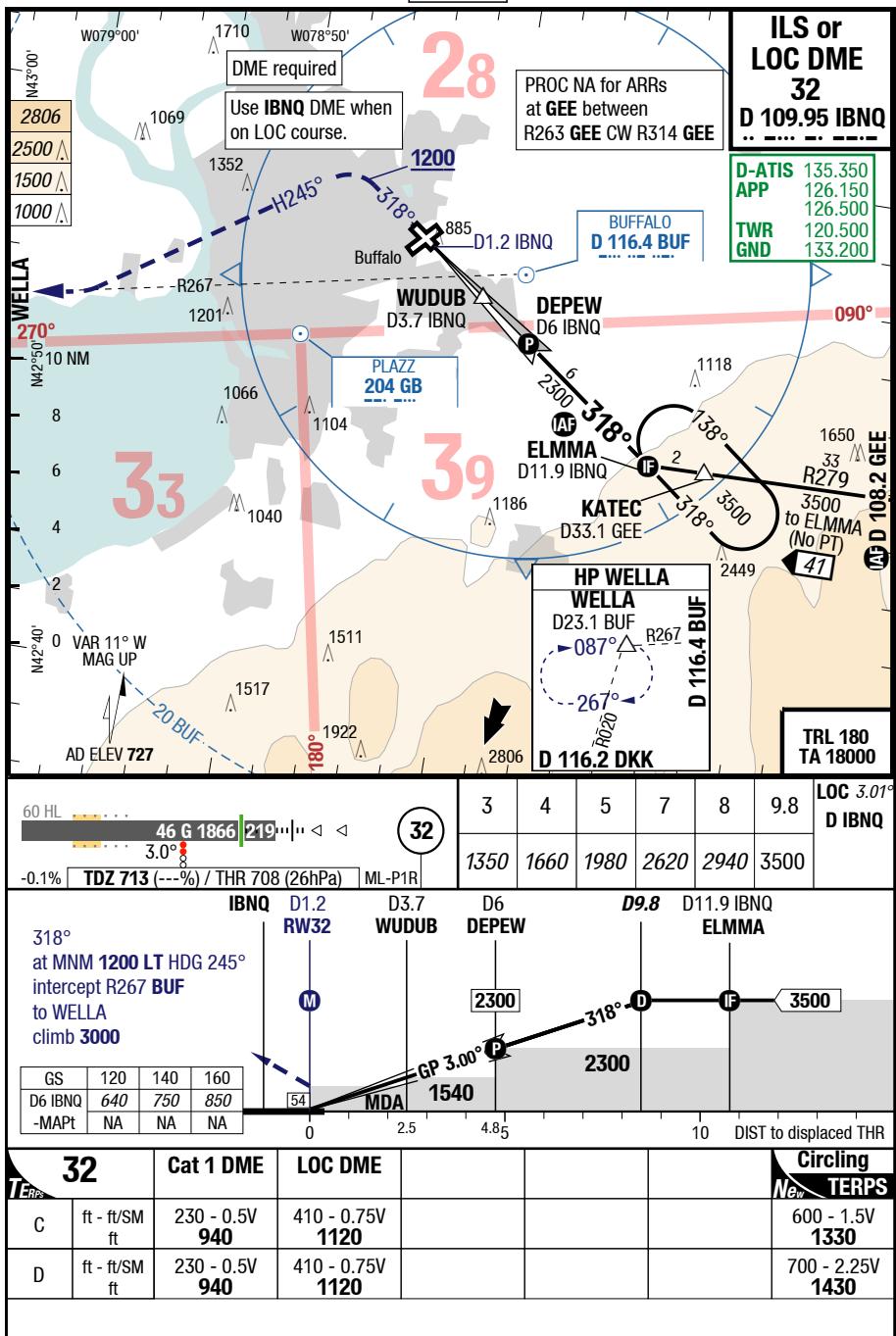
ILS or LOC 05



# BUF-KBUF

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## ILS or LOC DME 32



# BUF-KBUF

7-50

## **RNAV (RNP) Z 05**

**RNAV (RNP) Z 05**

**MSA 39**

**D-ATIS** 135.350  
**APP** 126.150  
**TWR** 120.500  
**GND** 133.200

**TRAVA**

**HP TRAVA**

**Not to scale**

**Runway RW05 Data:**

- Length: 3900 ft
- Width: 35 ft
- Surface: 2400 ft
- Runway Number: 05
- Runway Type: RW05
- Runway ID: 05
- Runway Description: RW05 TA 18000

**Runway RW05 Performance Data:**

Runway ID	Runway Type	Runway Description
05	RW05	RW05 TA 18000

**Runway RW05 Circling TERPS:**

TERPS	RNAV RNP 0.10 VNAV	RNAV RNP 0.10 VNAV APL U/S	RNAV RNP 0.30 VNAV	RNAV RNP 0.30 VNAV APL U/S	Circling TERPS	
C	ft - ft/SM ft	360 - 4500R/0.88V 1070	360 - 1.25V 1070	460 - 6000R/1.25V 1160	460 - 1.75V 1160	Not published
D	ft - ft/SM ft	360 - 4500R/0.88V 1070	360 - 1.25V 1070	460 - 6000R/1.25V 1160	460 - 1.75V 1160	Not published

**Notes:**

- 1) Uncompensated Baro VNAV NA below -18°C (0°F) or above 54°C (130°F)

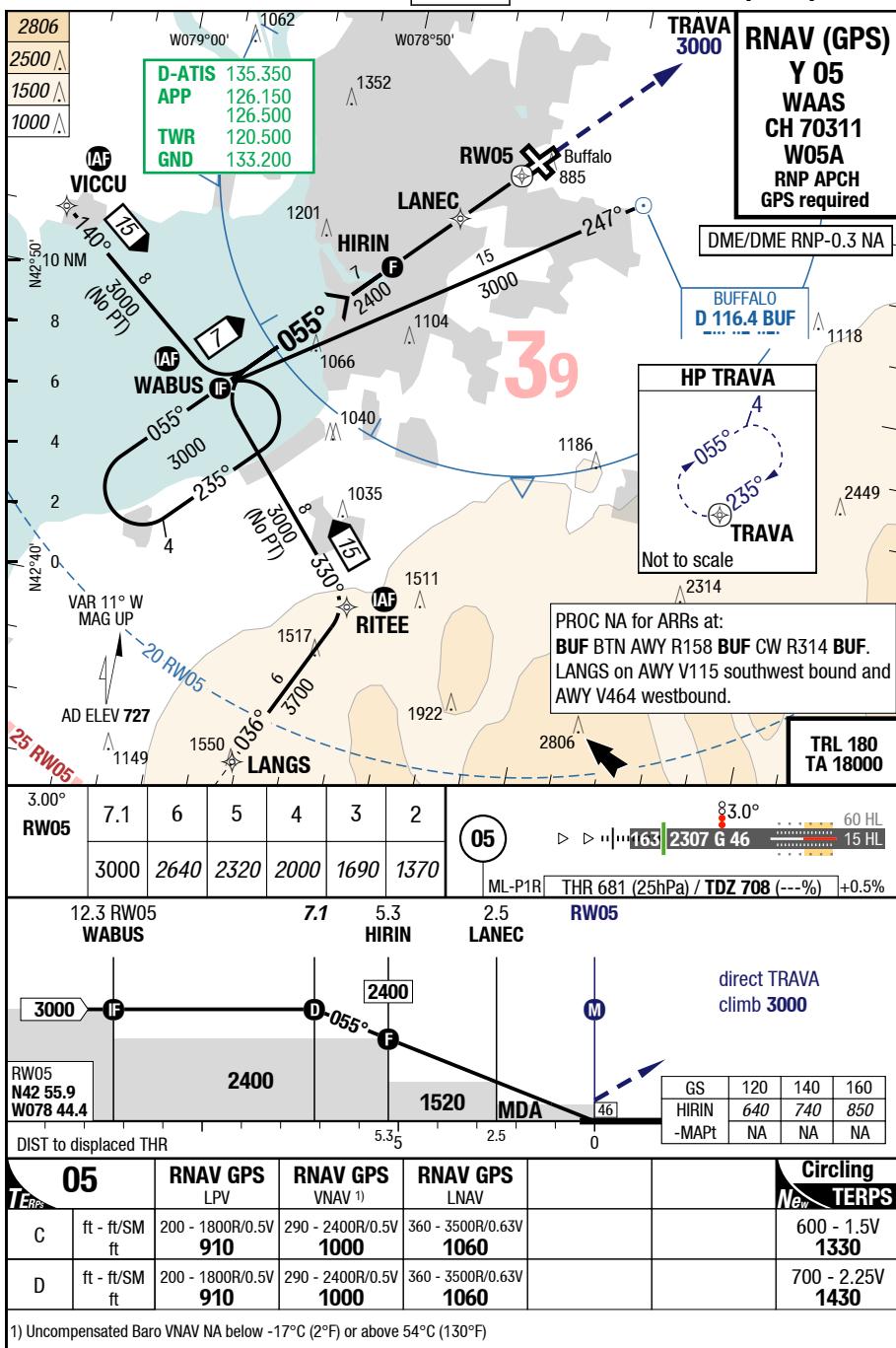
1) Uncompensated Baro VNAV NA below -18°C (0°F) or above 54°C (130°F)



## BUF-KBUF

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## RNAV (GPS) Y 05



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## RNAV (GPS) 14

**RNAV (GPS) 14 WAAS CH 58129 W14A RNP APCH GPS required**

**PROC NA for ARRs at: WELLA on V2-43 westbound.**

**D-ATIS 135.350 APP 126.150 126.500 TWR 120.500 GND 133.200**

**WUSOL** IAF WELLA 19 050° 10 NM VAR 11° W MAG UP AD ELEV 727

**WALE** 1187 1320 1650 2449 2314 1511 1186 1118 885 1352 2300 1069 1201 1066 1040 1104 1710 3000 12 3000 108° 138° 3.00° RW14 7.1 6 5 4 3 2 3000 2710 2350 2030 1710 1390 11.9 RW14 WUSOL 7.1 4.9 JNKAL RW14 3000 F 108° D 2300 F M DIST to displaced THR 10 7.1 5 0 14 98 1866 G 46 83.0° 60 HL THR 700 (25hPa) / TDZ 710 (---%) +0.1% direct WALES climb 3500

GS	120	140	160
JNKAL	640	740	850
-MAPt	NA	NA	NA

14	RNAV GPS (LP 1)	RNAV GPS (LNAV 1)				Circling TERPS
C	ft - ft/SM ft	370 - 1.13V <b>1080</b>	410 - 1.25V <b>1120</b>			600 - 1.5V <b>1330</b>
D	ft - ft/SM ft	370 - 1.13V <b>1080</b>	410 - 1.25V <b>1120</b>			700 - 2.25V <b>1430</b>

1) HN NA when VGSI inop

## BUF-KBUF

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## **RNAV (GPS) Y 23**

1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 54°C (130°F)

7-100

## RNAV (GPS) 32

1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 39°C (102°F)

**BUF-KBUF**

7-110

**WxMinima Overflow**

23		RNAV RNP 0.30 VNAV APL U/S <sup>1)</sup>					
C	ft - ft/SM ft	510 - 1.75V <b>1230</b>					
D	ft - ft/SM ft	510 - 1.75V <b>1230</b>					

1) Uncompensated Baro VNAV NA below -18°C (0°F) or above 54°C (130°F)