

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LP: RW24 LNAV: RW24  CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3600 DIRECT ZUPUV AND HOLD.  <b>ADDITIONAL FLIGHT DATA:</b> FAS OBST: 854 AAO 430906N/0785248W FAS OBST: 859 AAO 430912N/0785256W CHART CYR 518. CHART NIAGARA FALLS FLIGHT RESTRICTION AREA. WAAS CHANNEL # 97333 REFERENCE PATH ID: W24B WUVBI TO RW24: 3.00/48. LTP HAE: 144.9 M											
ZUPUV (IF/IAF)	WUVBI (FB)	240.31 / 7.64	2300												
WUVBI (FAF)	RW24 (MAP) (FO)	240.22 / 5.21													
RW24 (MAP)	1400 MSL	240.22	1400												
1400 MSL	ZUPUV (FO)		3600												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD NE ZUPUV, LT, 240.31 INBOUND, 3600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>240.22</u> FAF: <u>WUVBI</u> DIST FAF TO MAP: <u>5.21</u> THLD: <u>5.21</u> 4. MIN. ALT: ZUPUV 3600, WUVBI 2300 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>      </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW24 3500				MAG VAR: 10W      EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A											
				STANDARD @											
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1180	1	588	1180	1	588	1180	1 3/4	588	1180	1 3/4	588			
LNAV MDA	1360	1	768	1360	1 1/4	768	1360	2 1/2	768	1360	2 1/2	768			
CIRCLING	1360	1	768	1360	1 1/4	768	1360	2 1/2	768	1360	2 1/2	768			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BUFFALO NIAGARA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE LP CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CATS A (SEE FORM 8260-10) <div style="float: right; text-align: right;">           @ CAT C, D 800-2 1/2            @ NA WHEN LOCAL WEATHER NOT AVAILABLE.         </div>															
CITY AND STATE  NIAGARA FALLS, NY		ELEVATION: 592    THRE: 592 AIRPORT NAME:  NIAGARA FALLS INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 24, ORIG 10 JANUARY 2013						SUP: AMDT: NONE DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

AND D VISIBILITY 1/4 MILE.

CHART NOTE: RWY 24 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 10R/6 NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

QUALITY  
2  
CHECKED

CITY AND STATE

NIAGARA FALLS, NY

ELEVATION: 592

THRE: 592

AIRPORT NAME:

NIAGARA FALLS INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 24, ORIG

10 JANUARY 2013

SUP:

AMDT: NONE

DATED:

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KIAG  
RUNWAY RW24  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR Y  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W24B  
LTP/FTP LATITUDE 430639.2000N  
LTP/FTP LONGITUDE 0785550.6000W  
LTP/FTP ELLIPSOIDAL HEIGHT +01449  
FPAP LATITUDE 430542.0950N  
FPAP LONGITUDE 0785723.9750W  
THRESHOLD CROSSING HEIGHT (TCH) 00048.1  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 1168  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 0.0

CRC REMAINDER

3D19C9C6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6  
LTP ORTHOMETRIC HEIGHT +01805  
FPAP ORTHOMETRIC HEIGHT +01805

CITY AND STATE

NIAGARA FALLS, NY

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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 24, ORIG

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIAGK6FR24-Y	AZUPUV	010ZUPUVK6EA0EE	AL	HF		24030040	+	03600	18000		A	JS
SUSAP	KIAGK6FR24-Y	R	010ZUPUVK6EA0E	I	IF			+	03600	18000		A	JS
SUSAP	KIAGK6FR24-Y	R	020WUVBIK6EA1E	F	051TF		24030076	+	02300		RW24	K6PGA	JS
SUSAP	KIAGK6FR24-Y	R	020WUVBIK6EA2WALP			N	ALNAV						JS
SUSAP	KIAGK6FR24-Y	R	030RW24	K6PGOGY	M	031TF	24020052		00640	-300		A	JS
SUSAP	KIAGK6FR24-Y	R	040		0	M	CA	2402	+	01400		A	JS
SUSAP	KIAGK6FR24-Y	R	050ZUPUVK6EA0EY	L	DF			+	03600			A	JS
SUSAP	KIAGK6FR24-Y	R	060ZUPUVK6EA0EE	L	HM		24030040	+	03600			A	JS

[illegible][illegible][illegible]

CITY AND STATE <b>NIAGARA FALLS, NY</b>	ELEVATION: <b>592</b> THRE: <b>592</b> AIRPORT NAME: <b>NIAGARA FALLS INTL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) Y RWY 24, ORIG</b>  10 JANUARY 2013	SUP: <b>CHEC</b>
				AMDT: <b>NONE</b>
				DATED:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZUPUV	ZUPUV	010	IAF	HF	L	FO		240.3 (230.3T)	004.0	AA 03600	
		ZUPUV	010	FACF	IF		FB				AA 03600	
		WUVBI	020	FAF	TF		FB	0.5	240.3 (230.3T)	007.6	AA 02300	
		RW24	030	MAP	TF		FO	0.3	240.2 (230.2T)	005.2	AT 00640	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		240.2 (230.2T)		AA 01400	
	ZUPUV	050		DF	L	FO				AA 03600	
	ZUPUV	060		HM	L	FO		240.3 (230.3T)	004.0	AA 03600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WUVBI	N430959.43	W0785022.53	N4309.991	W07850.376
	ZUPUV	N431452.45	W0784220.58	N4314.874	W07842.343
	RW24	N430639.20	W0785550.60	N4306.653	W07855.843

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00592	48

QUALITY  
2  
CHECKED

CITY AND STATE  
**NIAGARA FALLS, NY**

ELEVATION: **592**      THRE: **592**  
 AIRPORT NAME:  
**NIAGARA FALLS INTL**

FACILITY  
 IDENTIFIER:  
**RNAV**

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) Y RWY 24, ORIG**  
**10 JANUARY 2013**

SUP:  
 AMDT: **NONE**  
 DATED: