US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUPUV (IF/IAF)	WUVBI (FB)	240.31 / 7.64	2300
WUVBI (FAF)	YEPNU/1.70 NM TO RW24 (FB)	240.22 / 3.51	
YEPNU/1.70 NM TO RW24	RW24 (MAP) (FO)	240.22 / 1.70	
RW24 (MAP)	1400 MSL	240.22	1400
1400 MSL	ZUPUV (FO)		3600

MISSED APPROACH

LP: RW24
LNAV: RW24

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3600 DIRECT ZUPUV AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE ZUPUV, LT, 240.31 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 240.22 FAF: WUVBI DIST FAF TO MAP: 5.21 THLD: 5.21
4. MIN. ALT: ZUPUV 3600, WUVBI 2300, YEPNU/1.70 NM TO RW24 1180
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW24 3500

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 749 TOWER 430749N/0785431W
CHART FAS OBST: 755 TRMSN TWR 430736N/0785339W
CHART: 754 TRMSN TWR 430744N/0785411W
CHART CYR 518.
CHART NIAGARA FALLS FLIGHT RESTRICTION AREA.
WAAS CHANNEL # 45532
REFERENCE PATH ID: W24A
WUVBI TO RW24: 3.00/48.
LTP HAE: 144.9 M

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 *	1000	1	408	1000	1	408	1000	1 1/8	408	1000	1 1/8	408			
LNAV MDA *	1020	1	428	1020	1	428	1020	1 1/4	428	1020	1 1/4	428			
CIRCLING	1100	1	508	1100	1	508	1100	1 1/2	508	1360	2 1/2	768			

NOTES:
CHART NOTE: *MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 265 FEET PER NM TO 2120; IF UNABLE TO MEET CLIMB GRADIENT, SEE RNAV (GPS) Y RWY 24.
CHART PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BUFFALO NIAGARA INTL ALTIMETER SETTING (SEE FORM 8260-10)

@ CAT D 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 1 CHECKED

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

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NOTES, (CONT.):
AND INCREASE ALL MDA 60 FT AND INCREASE LP CATS C AND D VISIBILITY 1/4 MILE, LNAV CATS C AND D VISIBILITY 1/8 MILE, AND CIRCLING CAT 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.

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

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIAG
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
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	65297581

ADDITIONAL PATH POINT RECORD INFORMATION

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

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				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 PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   WUVBI K60    W     N43095943W078502253                      W0108     NAR           WUVBI
        SUSAEAENRT   YEPNU K60    W     N43074455W078540365                      W0107     NAR           YEPNU
        SUSAEAENRT   ZUPUV K60    W     N43145245W078422058                      W0109     NAR           ZUPUV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIAGK6AIAG     0     098YHN43062721W078564503W010000592         1800018000C    MNAR    NIAGARA FALLS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIAGK6FR24-Z AZUPUV 010ZUPUVK6EA0EE AL   HF                    24030040    + 03600     18000                A JS
        SUSAP KIAGK6FR24-Z R      010ZUPUVK6EA0E  I    IF                                + 03600     18000                A JS
        SUSAP KIAGK6FR24-Z R      020WUVBIK6EA1E  F 051TF                    24030076    + 02300                 RW24  K6PGA JS
        SUSAP KIAGK6FR24-Z R      020WUVBIK6EA2WALP        N          ALNAV                                                  JS
        SUSAP KIAGK6FR24-Z R      021YEPNUK6EA0E S  031TF                    24020035    V 0118001182        -300         A JS
        SUSAP KIAGK6FR24-Z R      030RW24 K6PG0GY M 031TF                    24020017      00640             -300         A JS
        SUSAP KIAGK6FR24-Z R      040          0  M     CA                    2402        + 01400                          A JS
        SUSAP KIAGK6FR24-Z R      050ZUPUVK6EA0EY  L   DF                                + 03600                          A JS
        SUSAP KIAGK6FR24-Z R      060ZUPUVK6EA0EE  L   HM                    24030040    + 03600                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIAGK6GRW24    0051882402 N43063920W078555060-0200    +0144900592000048150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIAGK6PR24-Z RW24 001Z0000W24A0N4306392000W07855506000+014490300N4305420950W07857239750106751168000481F40000065297581
        SUSAP KIAGK6PR24-Z RW24 002E      +01805+01805LP        45532

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIAGK6SRW24 K6PG                0   18018003525                                                                    M
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QUALITY 2 CHECKED

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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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	
		YEPNU	021	SDF	TF		FB	0.3	240.2(230.2T)	003.5	AA 01180 GS 01182	
		RW24	030	MAP	TF		FO	0.3	240.2(230.2T)	001.7	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
YEPNU	N430744.55	W0785403.65	N4307.743	W07854.061
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

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