

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				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		LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 3100 DIRECT RIGET AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 024.69 INBOUND. CHART FAS OBST: 1399 TREE 460131N/0912542W OBST: 1639 AAO 460629N/0912103W DISTANCE TO THLD FROM 302 HAT: 0.82 NM. CHART VDP AT 1.19 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 49000 REFERENCE PATH ID: W21A CHART CIRCLING ICON. LTP HAE: 341.8 M					
LAMPY		JUDAQ (FB)		047.21 / 23.78				3300							
RUSSH		OGTOW (FB)		308.40 / 27.11				3300							
JUDAQ (IAF)		DAIVE (NOPT) (FB)		114.76 / 6.40				3300							
OGTOW (IAF)		DAIVE (NOPT) (FB)		294.96 / 6.40				3300							
DAIVE (IF/IAF)		OBBEY (FB)		204.86 / 5.92				3000							
OBBEY (FAF)		POVYI/2.40 NM TO RW21 (FB)		204.82 / 3.07											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE DAIVE, RT, 204.86 INBOUND, 3300 FT. IN LIEU OF PT (IAF) 3. FAC: 204.82 FAF: OBBEY DIST FAF TO MAP: 5.47 THLD: 5.47 4. MIN. ALT: DAIVE 3300, OBBEY 3000, POVYI/2.40 NM TO RW21 2020* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3000 GS ALT AT: OBBEY 3000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 41.5 34:1 IS NOT CLEAR 8. MSA FROM: RW21 3100															
										MAG VAR: 0E			EPOCH YEAR: 2000		
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
LPV DA	1518	3/4	302	1518	3/4	302	1518	3/4	302	1518	3/4	302			
LNAV/VNAV DA	1560	3/4	344	1560	3/4	344	1560	3/4	344	1560	3/4	344			
LNAV MDA	1640	3/4	424	1640	3/4	424	1640	3/4	424	1640	3/4	424			
CIRCLING	1840	1	624	2000	1	784	2080	2 1/2	864	2080	2 3/4	864			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV (CONTINUED ON PAGE 2)															
CITY AND STATE HAYWARD, WI		ELEVATION: 1216 TDZE: 1216 AIRPORT NAME: SAWYER COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1A 3 MARCH 2016				SUP: RNAV (GPS) RWY 21					
										AMDT: 1					
										DATED 08/20/2015					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
POVYI/2.40 NM TO RW21	RW21 (MAP) (FO)	204.82 / 2.40	
RW21 (MAP)	1518 MSL	204.82	
1518 MSL	RIGET (FO)		3100

NOTES, (CONT.):

CAT A AND B VISIBILITY TO 1 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASHLAND ALTIMETER SETTING AND INCREASE ALL DA 143 FT AND ALL MDA 160 FT AND INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV ALL CATS AND LNAV CAT C AND D AND CIRCLING CAT C VISIBILITY 1/2 MILE, AND CIRCLING CATS B AND D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ASHLAND ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE, AND LNAV CAT A AND B VISIBILITY TO 1 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ASHLAND ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LAMPY ON V129 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUSSH ON V413 SOUTHWEST BOUND.

CITY AND STATE

HAYWARD, WI

ELEVATION: 1216

TDZE: 1216

AIRPORT NAME:

SAWYER COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 1A
3 MARCH 2016

SUP: RNAV (GPS) RWY 20

AMDT: 1

DATED: 08/20/2015

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHYR
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	460155.4995N
LTP/FTP LONGITUDE	0912624.4245W
LTP/FTP ELLIPSOIDAL HEIGHT	+03418
FPAP LATITUDE	460034.6235N
FPAP LONGITUDE	0912718.0045W
THRESHOLD CROSSING HEIGHT (TCH)	00041.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

3EEE92E6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03706
FPAP ORTHOMETRIC HEIGHT	+03706

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RNAV (GPS) RWY 20

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33	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.
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ARINC SUMMARY - KHYR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DAIVE	010	DAIVE	HF	FO		204.9			R			AA 03300		EE A
LAMPY	010	LAMPY	IF	FB										E
LAMPY	020	JUDAQ	TF	FB	2.0	047.2						AA 03300		E A
LAMPY	030	DAIVE	TF	FB	1.0	114.8						AA 03300		EE B
RUSSH	010	RUSSH	IF	FB										E
RUSSH	020	OGTOW	TF	FB	2.0	308.4						AA 03300		E A
RUSSH	030	DAIVE	TF	FB	1.0	295.0						AA 03300		EE B
	010	DAIVE	IF	FB								AA 03300		E I
	020	OBBEY	TF	FB	1.0	204.9				RW21		AA 03000		E F
	021	POVYI	TF	FB	0.3	204.8		3.00				AA 02020 GS 02022		E S
	030	RW21	TF	FO	0.3	204.8		3.00				AT 01258		GY M
	040		CA	FB		204.8						AA 01518		M
	050	RIGET	DF	FO								AA 03100		EY
	060	RIGET	HM	FO		024.7			R			AA 03100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
DAIVE	N461215.68	W0911931.94
JUDAQ	N461456.76	W0912754.00
LAMPY	N455850.49	W0915302.81
OBBEY	N460653.43	W0912306.63
OGTOW	N460933.99	W0911110.70
POVYI	N460406.19	W0912457.74
RIGET	N455048.77	W0913344.61
RUSSH	N455247.79	W0904036.50

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW21	N460155.50	W0912624.42	01216	41.5

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