

FAA FORM 8260 - 3 / April 2006 (computer generated) PAGE 1 OF 5 PAGES

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
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.

NOTES, (CONT.):

MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUZLJ ON V13 NORTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

\*LNAV ONLY

CHART NOTE: VDP NA WITH SILVER BAY MUNI ALTIMETER SETTING.

CHART NOTE: WHEN VGSI INOP, STRAIGHT IN/CIRCLING NA AT NIGHT TO RWY 6. WHEN VGSI INOP, CIRCLING NA AT NIGHT TO RWY 24.

QUALITY  
1  
CHECKED

CITY AND STATE

TWO HARBORS, MN

ELEVATION: 1073

THRE: 1070

AIRPORT NAME:

RICHARD B HELGESON

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG-A

25 AUG 2011

SUP:

AMDT:

ORIG

DATED:

06/30/2011

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	KTWM
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	470310.5265N
LTP/FTP LONGITUDE	0914414.9295W
LTP/FTP ELLIPSOIDAL HEIGHT	+02976
FPAP LATITUDE	470229.0300N
FPAP LONGITUDE	0914610.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B08C2BDC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03261
FPAP ORTHOMETRIC HEIGHT	+03261

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTWMK3FR24	ASUZLI	010SUZLIK3EA0E	A	IF					18000			A	JS
SUSAP KTWMK3FR24	ASUZLI	020WARILK3EA0EE	B	010TF		22100132		+ 03000				A	JS
SUSAP KTWMK3FR24	AWARIL	010WARILK3EA0EE	AR	HF		24140040		+ 03000	18000			A	JS
SUSAP KTWMK3FR24	R	010WARILK3EA0E	I	IF				+ 03000	18000			A	JS
SUSAP KTWMK3FR24	R	020ANATEK3EA1E	F	051TF		24140062		+ 02700			RW24	K3PGA	JS
SUSAP KTWMK3FR24	R	020ANATEK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KTWMK3FR24	R	021WIPADK3EA0E	S	031TF		24130032		V 0168001683		-300		A	JS
SUSAP KTWMK3FR24	R	030RW24	K3PGOGY	M	031TF	24130018		01110		-300		A	JS
SUSAP KTWMK3FR24	R	040		O M	CA	2413		+ 01320				A	JS
SUSAP KTWMK3FR24	R	050GIBEYK3EA0E		DF								A	JS
SUSAP KTWMK3FR24	R	060FOSUPK3EA0EY		010TF		2843		+ 03600				A	JS
SUSAP KTWMK3FR24	R	070FOSUPK3EA0EE	R	HM		18880040		+ 03600				A	JS

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CITY AND STATE TWO HARBORS, MN	ELEVATION: 1073	THRE: 1070	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG-A 25 AUG 2011	SUP:	
	AIRPORT NAME:				AMDT:	ORIG
	RICHARD B HELGESON				DATED:	06/30/2011

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