



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.):

CHART NOTE: VDP NA WITH FLINT ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLINT ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT, LPV ALL CATS VISIBILITY TO 7/8 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 7/8 MILES AND LNAV CATS C AND D VISIBILITY TO 1 3/8 MILES.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SVM VORTAC ON V116-221 EASTBOUND AND V2-26 SOUTHEAST BOUND.

CITY AND STATE  
HOWELL, MI

ELEVATION: 962      THRE: 943  
AIRPORT NAME:  
LIVINGSTON COUNTY SPENCER J. HARDY

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 31, AMDT 1  
25 AUG 2011

SUP:  
AMDT:      ORIG  
DATED:      01/18/2007

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KOZW  
RUNWAY RW31  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A  
LTP/FTP LATITUDE 423730.9500N  
LTP/FTP LONGITUDE 0835829.3000W  
LTP/FTP ELLIPSOIDAL HEIGHT +02543  
FPAP LATITUDE 423825.0200N  
FPAP LONGITUDE 0840005.2500W  
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 1224  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

AB7C626B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +02875  
FPAP ORTHOMETRIC HEIGHT +02875

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KOZWK5FR31	ABROVI	010BROVIK5EA0EE	AR	HF		31250040	+	02800	18000		A	JS	
SUSAP	KOZWK5FR31	AJEKAV	010JEKAVK5EA0E	A	IF					18000		A	JS	
SUSAP	KOZWK5FR31	AJEKAV	020BROVIK5EA0EE	B	010TF		22940083	+	02800			A	JS	
SUSAP	KOZWK5FR31	APOVCI	010POVCIK5EA0E	A	IF					18000		A	JS	
SUSAP	KOZWK5FR31	APOVCI	020BROVIK5EA0EE	B	010TF		03460073	+	02800			A	JS	
SUSAP	KOZWK5FR31	ASVM	010SVM	K5D	0V	A	IF			18000		A	JS	
SUSAP	KOZWK5FR31	ASVM	020BROVIK5EA0EE	B	010TF		31270113	+	02800			A	JS	
SUSAP	KOZWK5FR31	R	010BROVIK5EA0E	I	IF			+	02800	18000		A	JS	
SUSAP	KOZWK5FR31	R	020PODEEK5EA1E	F	051TF		31250065	+	02100		RW31	K5PGA	JS	
SUSAP	KOZWK5FR31	R	020PODEEK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP	KOZWK5FR31	R	030RW31	K5PGOGY	M	031TF		31240035		00983	-300		A	JS
SUSAP	KOZWK5FR31	R	040		0	M	CA	3124	+	01143			A	JS
SUSAP	KOZWK5FR31	R	050HUCCYK5EA0EY						+	03000			A	JS
SUSAP	KOZWK5FR31	R	060HUCCYK5EA0EE	R	HM			13220040	+	03000			A	JS

QUALITY  
6  
CHECKED

CITY AND STATE  HOWELL, MI	ELEVATION: 962      THRE: 943 AIRPORT NAME:  LIVINGSTON COUNTY SPENCER J. HARDY	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 31, AMDT 1  25 AUG 2011	SUP:	
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