

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.													
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW27  CLIMB TO 3600 DIRECT ZOTLI AND ON TRACK 195.44 TO HIB VOR/DME AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, RT, 072.09 INBOUND. CHART FAS OBST: 1468 TREE 472518N/0922815W DISTANCE TO THLD FROM 262 HATH: 0.67 NM. WAAS CHANNEL # 57931 REFERENCE PATH ID: W27A LTP HAE: 387.6 M							
HIB VOR/DME		COLLS (TF) (FO) (RNP 2.00)		072.09 / 21.12				3500									
TOEGO		COLLS (TF) (FO) (RNP 2.00)		120.40 / 33.37				3500									
KUMDE (IAF)		COLLS (NOPT) (TF) (FB) (RNP 1.00)		220.91 / 19.95				3500									
FOSUP (IAF)		COLLS (NOPT) (TF) (FB) (RNP 1.00)		349.92 / 22.19				3500									
COLLS (IF/IAF) (SEE FORM 8260-10)		BANIS (TF) (FB) (RNP 1.00)		274.49 / 6.00				3100									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E COLLS, RT, 274.49 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 274.38 FAF: BANIS DIST FAF TO MAP: 5.31 THLD: 5.31 4. MIN. ALT: COLLS 3500, BANIS 3100, HIDVI/1.40 NM TO RW27 1840* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3100 GS ALT AT: BANIS 3100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.8 34:1 IS NOT CLEAR 8. MSA FROM: RW27 3400										MAG VAR: 0E		EPOCH YEAR: 2005					
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	1634	1 1/8	262	1634	1 1/8	262	1634	1 1/8	262	1634	1 1/8	262					
LNAV/VNAV DA	1651	1	279	1651	1	279	1651	1	279	1651	1	279					
LNAV MDA	1720	1	348	1720	1	348	1720	1	348	1720	1	348					
CIRCLING	1880	1	504	1940	1	564	1940	1 1/2	564	2040	2	664					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING HIBBING ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (CONTINUED ON PAGE 2)																	
CITY AND STATE EVELETH, MN		ELEVATION: 1376 TDZE: 1372 AIRPORT NAME: EVELETH-VIRGINIA MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG-B 7 DECEMBER 2017						SUP: AMDT: ORIG-A DATED 05/28/2015					

**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.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
BANIS (FAF)	HIDVI/1.40 NM TO RW27 (TF) (FB) (RNP 0.30)	274.38 / 3.91	
HIDVI/1.40 NM TO RW27	RW27 (MAP) (TF) (FO) (RNP 0.30)	274.38 / 1.40	
RW27 (MAP)	1634 MSL (CA)	274.38	
1634 MSL	ZOTLI (DF) (FB) (RNP 1.00)		
ZOTLI	HIB VOR/DME (TF) (FO) (RNP 1.00)	195.44 / 8.08	3600

**NOTES, (CONT.):**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIBBING ALTIMETER SETTING AND INCREASE ALL DA 36 FEET AND ALL MDA 40 FEET; INCREASE LNAV CAT C/D VISIBILITY 1/8 AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: CIRCLING TO RWYS 14 AND 32 NA.

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY  
4  
CHECKED

CITY AND STATE  EVELETH, MN	ELEVATION: 1376 AIRPORT NAME:  EVELETH-VIRGINIA MUNI	TDZE: 1372	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 27, ORIG-B 7 DECEMBER 2017	SUP:
					AMDT: ORIG-A
					DATED: 05/28/2015

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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEVM
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	472523.1520N
LTP/FTP LONGITUDE	0922914.8645W
LTP/FTP ELLIPSOIDAL HEIGHT	+03876
FPAP LATITUDE	472529.7800N
FPAP LONGITUDE	0923125.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.8
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
 <u>CRC REMAINDER</u>	 C082BC97

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04176
FPAP ORTHOMETRIC HEIGHT	+04176

QUALITY  
4  
CHECKED

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