

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> LANGLADE COUNTY	<u>AIRPORT ID</u> KAIG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ANTIGO	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 1523	<u>TDZE</u> 1523	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 175/30 CW 355/30	NOPT	HEDIG	IF/IAF	3400
2. 355/30 CW 175/30		HEDIG	IF/IAF	3500

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HEDIG	IF/IAF	FAVKI		TF	FB	1.00	265.30	7.00	3300
FAVKI	FAF	GUGDE/2.19 NM TO RW27		TF	FB	0.30	265.18	3.27	
GUGDE/2.19 NM TO RW27		RW27	MAP	TF	FO	0.30	265.18	2.19	
RW27	MAP	1773 MSL		CA			265.18		
1773 MSL		COGIV		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT COGIV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E HEDIG, RT, 265.30 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 265.18FAF: FAVKIDIST FAF TO MAP: 5.45DIST FAF TO THLD: 5.45

4. MIN ALT: HEDIG 3400, FAVKI 3300, GUGDE/2.19 NM TO RW27 2260*

5. DIST TO THLD FROM PFAF: 5.45MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 3300GP ALT AT FAF : FAVKI 3300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.47 NM TO RW27*
*LNAV ONLY
WAAS CHANNEL #45629
REFERENCE PATH ID: W27A
CHART FAS OBST: 1762 TREE 450858N/0890401W.
HOLD W, RT, 084.87 INBOUND
LTP HAE: 429.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1773	1	250	1773	1	250	1773	1	250	1773	1	250			
LNAV/VNAV DA	1792	1	269	1792	1	269	1792	1	269	1792	1	269			
LNAV MDA	2020	1	497	2020	1	497	2020	1 3/8	497	2020	1 3/8	497			
CIRCLING	2120	1	597	2120	1	597	2260	2	737	2260	2 1/4	737			

CHANGES - REASONS

1. REMOVED CHART NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 28)." - RAISED VGSI TCH FROM 27.6 TO 41.5 DUE TO NEW AIRPORT DATA.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP ARTCC, AFLD MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

DEVELOPED BY

DONALD H. LANIER (MATTHEW FULKS)

Digitally signed by

DONALD H LANIER

DONALD H LANIER

Apr 30, 2019

OFFICE

AJV-A431

DATE

03/11/2019

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DONALD H LANIER

Apr 30, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAIG
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	450916.6465N
LTP/FTP LONGITUDE	0890625.1485W
LTP/FTP ELLIPSOIDAL HEIGHT	+04294
FPAP LATITUDE	450905.9100N
FPAP LONGITUDE	0890830.1360W
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	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A169A987

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04641
FPAP ORTHOMETRIC HEIGHT	+04641

