

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 9	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> ANTIGO	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 1523	<u>TDZE</u> 1522	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/02/2015	<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. 355/30 CW 175/30	NOPT	355/15 CW 175/15		3600
2. 355/15 CW 175/15		COGIV	IF/IAF	3500
3. 175/30 CW 355/30		COGIV	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>
COGIV	IF/IAF	BEYAG		TF	FB	1.00	084.87	7.00	3300
BEYAG	FAF	RW09	MAP	TF	FO	0.30	084.99	5.48	
RW09	MAP	1772 MSL		CA			084.99		
1772 MSL		HEDIG		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT HEDIG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD W COGIV, RT, 084.87 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 084.99 FAF: BEYAG DIST FAF TO MAP: 5.48 DIST FAF TO THLD: 5.48

4. MIN ALT: COGIV 3500, BEYAG 3300

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.67 GS ANT: MM: IM:

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

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 9 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 1.63 NM TO RW09*
*LNAV ONLY
WAAS CHANNEL #82130
REFERENCE PATH ID: W09A
CHART FAS OBST: 1761 TOWER 450930N/0890845W.
HOLD E, RT, 265.30 INBOUND
LTP HAE: 427.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, 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	1772	1	250	1772	1	250	1772	1	250	1772	1	250			
LNAV/VNAV DA	2135	2 1/4	613	2135	2 1/4	613	2135	2 1/4	613	2135	2 1/4	613			
LNAV MDA	2080	1	558	2080	1	558	2080	1 5/8	558	2080	1 5/8	558			
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 25)." - RAISED VGSI TCH FROM 25.3 TO 41.5 DUE TO NEW AIRPORT DATA.
2. DELETED "DME/DME 0.3-NA" NOTE AND ADDED PBN REQUIREMENTS NOTE "RNP APCH" - IAW 8260.19H.
3. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F) TO READ "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C OR ABOVE 54C IN NOTES SECTION - FARENHEIT TEMPERATURE EQUIVALENTS NO LONGER DOCUMENTED PER CRITERIA.
4. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART VDP AT 1.63 NM TO RW09* AND *LNAV ONLY - VISUAL AREA CLEAR.
5. CHANGED RWY 09 HELICOPTER VISIBILITY FROM 1 SM TO 3/4 SM - 20:1 VISUAL SURFACE IS CLEAR.
6. REMOVED PROCEDURE NA AT NIGHT NOTE - 20:1 VISUAL SURFACE IS CLEAR.
7. ADDED CHART NOTE: CHART CIRCLING ICON - NEW CIRCLING AREA RADIUS APPLIED TO PROCEDURE.
8. CHANGED CIRCLING MDA/HAA CAT C AND D FROM 2120/597 TO 2260/737, VISIBILITY CAT C FROM 1 5/8 SM TO 2 SM, VISIBILITY CAT D FROM 2 SM TO 2 1/4 SM - NEW CIRCLING CRITERIA APPLIED
9. DELETED BACKUP ALTIMETER AND ASSOCIATED NOTES - MOVED TO -9 AS A CONTINGENCY
10. ADDED MAX HOLDING ALTITUDE OF 6000 TO HOLD-IN-LIEU AT COGIV - DOCUMENTED PER 8260.19H/NEW FORMS.
11. ADDED 20:1: IS CLEAR TO LINE 7. - 34:1 AND 20:1 VISUAL SEGMENT CONDITION REQUIRED ENTRY PER 8260.19 GUIDANCE.

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

DEVELOPED BY

DONALD H. LANIER (MATTHEW FULKS)

Digitally signed by

DONALD H LANIER

Apr 30, 2019

Digitally signed by

DONALD H LANIER

Apr 30, 2019

OFFICE

AJV-A431

DATE

03/13/2019

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	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	450912.6130N
LTP/FTP LONGITUDE	0890712.2390W
LTP/FTP ELLIPSOIDAL HEIGHT	+04274
FPAP LATITUDE	450923.3200N
FPAP LONGITUDE	0890507.2400W
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	ADA64CF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04621
FPAP ORTHOMETRIC HEIGHT	+04621

