

**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> WAYNE MUNI/ STAN MORRIS FLD	<u>AIRPORT ID</u> KLCG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> WAYNE	<u>STATE</u> NE	
<u>AIRPORT ELEVATION</u> 1432	<u>TDZE</u> 1430	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 02/05/2015	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
HURLI		DOYPA		TF	FB	1.00	186.25	10.58	3400
PENDE		FAXAK		TF	FB	1.00	040.44	8.49	3600
DOYPA	IAF	CAGAL	NOPT	TF	FB	1.00	138.11	6.00	3200
FAXAK	IAF	CAGAL	NOPT	TF	FB	1.00	318.21	5.50	3200
CAGAL	IF/IAF	BUCAG		TF	FB	1.00	228.16	6.07	3100
BUCAG	FAF	RW23	MAP	TF	FO	0.30	228.11	5.13	
RW23	MAP	1832 MSL		CA			228.11		
1832 MSL		CEKAC		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT CEKAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE CAGAL, RT, 228.16 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC: 228.11 FAF: BUCAG DIST FAF TO MAP: 5.13 DIST FAF TO THLD: 5.13

4. MIN ALT: CAGAL 3200, BUCAG 3100

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 436 HAT: 1.25 GS ANT: MM: IM:

6. MIN GP INCPT: 3100 GP ALT AT FAF : BUCAG 3100 OM: MM: IM:

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

8. MSA FROM: RW23 3800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 13 AND 31.
CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.48 NM TO RW23*
*LNAV ONLY
WAAS CHANNEL #82523
REFERENCE PATH ID: W23A
FAS OBST: 1680 AAO 421736N/0965430W.
HOLD NE, RT, 228.13 INBOUND
LTP HAE: 409.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1866	1 1/2	436	1866	1 1/2	436		NA			NA				
LNAV/VNAV DA	1869	1 1/2	439	1869	1 1/2	439		NA			NA				
LNAV MDA	1940	1	510	1940	1	510		NA			NA				
CIRCLING	2000	1	568	2000	1	568		NA			NA				



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLCG
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	421434.8000N
LTP/FTP LONGITUDE	0965839.6295W
LTP/FTP ELLIPSOIDAL HEIGHT	+04098
FPAP LATITUDE	421342.4600N
FPAP LONGITUDE	0970016.7200W
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	B52D7303

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04347
FPAP ORTHOMETRIC HEIGHT	+04347

