

**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 ID</u> KGYG	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> GARY	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 597	<u>TDZE</u> 591	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 30	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
CGT VORTAC		KIKVE		TF	FO	1.00	093.10	17.12	2400
BOONE	IAF	KIKVE	NOPT	TF	FB	1.00	002.10	8.40	2400
STYLE	IAF	KIKVE	NOPT	TF	FB	1.00	228.93	23.66	2400
HTDOG	IAF	KIKVE	NOPT	TF	FB	1.00	036.15	8.00	2400
KIKVE	IF/IAF	WASTU		TF	FB	1.00	306.29	7.27	2000
WASTU	FAF	HROLD/1.49 NM TO RW30		TF	FB	0.30	306.22	2.76	
HROLD/1.49 NM TO RW30		RW30	MAP	TF	FO	0.30	306.22	1.49	
RW30	MAP	1100 MSL		CA			306.22		1100
1100 MSL		KIKVE		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2400 DIRECT KIKVE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
22
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE KIKVE, RT, 306.29 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 306.22FAF: WASTUDIST FAF TO MAP: 4.25DIST FAF TO THLD: 4.25

4. MIN ALT: KIKVE 2400, WASTU 2000, HROLD/1.49 NM TO RW30 1120

5. DIST TO THLD FROM FAF: 4.25MM:IM:150 HAT:200 HAT: 0.45GS ANT:

6. MIN GP INCPT: 2000GP ALT AT FAF : WASTU 2000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 56.8

8. MSA FROM: RW30 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STYLE ON V6-10 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CGT VORTAC AIRWAY RADIALS 087 CW 156.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING CHICAGO MIDWAY INTL ALTIMETER SETTING).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C AND D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART MANDATORY 4000 AT HTDOG.
CHART FAS OBST: 737 TOWER (18-001050) 413542N/0872234W.
WAAS CHANNEL # 78323
REFERENCE PATH ID: W30A
LTP HAE: 146.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/4, CAT D 900-2 3/4, 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**	791	2400	200	791	2400	200	791	2400	200	791	2400	200			
LNAV/VNAV DA	991	3500	400	991	3500	400	991	3500	400	991	3500	400			
LNAV MDA	1000	2400	409	1000	2400	409	1000	4000	409	1000	4000	409			
CIRCLING	1160	1	563	1180	1	583	1400	2 1/4	803	1420	2 3/4	823			

QUALITY
22
CHECKED

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS 7/1288 FOR AMDT 1A AND 7/1676 FOR AMDT 1B.
2. CHANGED RNP VALUE FROM CGT VORTAC TO KIKVE FROM "2.00" TO "1.00" -- UPDATED IAW 8260.58A CHG 2, 2-3-1.
3. ADDED INITIAL SEGMENT HTDOG TO KIKVE IN TERMINAL ROUTES -- FPT REQUEST TO CONNECT TO LUCIT STAR.
4. REPLACED STEPDOWN FIX RONOY WITH HROLD IN TERMINAL ROUTES -- MATCHES LOC PROCEDURE; FPT REQUEST.
5. ADDED "MAX 6000" TO PROFILE LINE 2 -- UPDATED IAW 8260.19I, 8-6-7.B(2).
6. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; 8260.19I, 8-6-7.G(3)(A).
7. REMOVED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE -- UPDATE IAW 8260.19I, 8-6-9.R.
8. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(1).
9. UPDATED AND MOVED BACKUP ALTIMETER NOTES TO 8260-9 GENERAL REMARKS -- UPDATED IAW 8260.19I, 8-6-9.F(3).
10. ADDED NOTE "FOR INOPERATIVE ALS, INCREASE LNAV CAT C AND D VISIBILITY TO RVR 6000" -- INSUFFICIENT INCREASE FROM INOPERATIVE TABLE; 8260.19I, 8-6-11.O(3)(D) AND (E).
11. REMOVED "CHART: APT ELEV 597" FROM ADDITIONAL FLIGHT DATA -- INCLUDED IN STANDARD APPROACH PLATE FORMAT.
12. REMOVED VDP AND ASSOCIATED NOTES FROM ADDITIONAL FLIGHT DATA -- NEW STEPDOWN FIX HROLD WITHIN 0.5 NM OF VDP; 8260.3D, 2-6-5.A(5).
13. REMOVED "CHART: 1000 TOWER 413350N/0872004W" FROM ADDITIONAL FLIGHT DATA -- 7:1 EXCLUSION NO LONGER REQUIRED WITH HROLD SDF.
14. ADDED "CHART MANDATORY 4000 AT HTDOG" -- FPT REQUEST TO CONNECT TO LUCIT STAR.
15. LTP HAE CHANGED FROM "146" TO "146.1" -- RECALCULATED VALUE.
16. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED IAW CURRENT CRITERIA.
17. UPDATED LNAV/VNAV VISIBILITY ALL CATS FROM "4500" TO "3500" -- UPDATED IAW 8260.3D, TABLE 3-3-1.
18. RAISED CIRCLING CAT A MDA/HAA FROM "1140/543" TO "1160/563" -- NEW CONTROLLING OBSTACLE.
19. CRC REMAINDER CHANGED FROM "65AA0BC7" TO "0470A1A8" -- LTP/FTP COORDINATES CHANGED FROM "413642.9900N/0872411.6500W" TO "413642.9800N/0872411.6570W", FPAP COORDINATES CHANGED FROM "413733.0455N/0872549.9485W" TO "413733.0410N/0872549.9500W", AND LTP ELLIPSOIDAL HEIGHT CHANGED FROM "+01460" TO "+01461".

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, CHICAGO APP CON, GYY ATCT, AMGR

FLIGHT CHECKED BY

PATRICK MURRAY

*Digitally signed by***JASON KRETSCHMER**

Apr 09, 2021

OFFICE

FICO

DATE

04/07/2021

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

*Digitally signed by***JASON KRETSCHMER**

Mar 23, 2021

OFFICE

AJV-A421

DATE

01/07/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Mar 23, 2021

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGYG
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	413642.9800N
LTP/FTP LONGITUDE	0872411.6570W
LTP/FTP ELLIPSOIDAL HEIGHT	+01461
FPAP LATITUDE	413733.0410N
FPAP LONGITUDE	0872549.9500W
THRESHOLD CROSSING HEIGHT (TCH)	00056.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0328
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 CRC REMAINDER	 0470A1A8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01796
FPAP ORTHOMETRIC HEIGHT	+01796

