

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> GARY	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 597	<u>TDZE</u> 591	<u>SUPERSEDED</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 6A	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-GYY	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CGT VORTAC		WASTU INT/I-GYY 5.73 DME/RADAR	FAF/IAF				069.38	11.71	2400
HTDOG	IAF	KIKVE	NOPT	TF	FB	1.00	036.15	8.00	2400
KIKVE/I-GYY 13.00 DME	IF	WASTU INT/I-GYY 5.73 DME/RADAR					306.17	7.27 (I-GYY)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.25 NM AFTER WASTU INT/I-GYY 5.73 DME/RADAR OR AT I-GYY 1.48 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2400 DIRECT CGT VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2600 DIRECT EON VORTAC AND HOLD N, RT, 181.00 INBOUND.

PROFILE:

1. PT L SIDE OF COURSE 126.17 OUTBOUND 2400 FT WITHIN 10 MILES OF WASTU INT/I-GYY 5.73 DME/RADAR (IAF)
- 2.
3. FAC: 306.17 FAF: WASTU INT/I-GYY 5.73 DME/RADAR DIST FAF TO MAP: 4.25 DIST FAF TO THLD: 4.25
4. MIN ALT: WASTU INT/I-GYY 5.73 DME/RADAR 2000, HROLD/I-GYY 2.97 DME 1060#
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1050
6. MIN GS INCPT: 2000 GS ALT AT FAF: WASTU INT/I-GYY 5.73 DME/RADAR 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 56.8
8. MSA FROM: CGT VORTAC 090-270 2800, 270-090 3400

QUALITY
22
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RNP APCH - GPS FROM HTDOG.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CGT VORTAC AIRWAY RADIALS 087 CW 115.

1120 WHEN USING CHICAGO MIDWAY INTL ALTIMETER SETTING.

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 S-LOC-30 CATS C AND D VISIBILITY TO 1 3/8 SM. HROLD FIX MINIMUMS: FOR INOPERATIVE ALS INCREASE S-LOC-30 CATS C AND D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

CHART IN PLANVIEW: (CFCFK) AT 413056.76N/0871254.23W.

HOLD SE, RT, 336.00 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N EON VORTAC, RT, 181.00 INBOUND.

CHART FAS OBST: 737 TOWER (18-001050) 413542N/0872234W.

FAS OBST: 820 AAO 413312N/0871853W.

CHART IN PLANVIEW: EON VORTAC.

CHART MANDATORY 4000 AT HTDOG.

MINIMUMS:

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

ALTERNATE: NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 900-2 1/4, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 30**	791	2400	200	791	2400	200	791	2400	200	791	2400	200			
S-LOC 30	1060	2400	469	1060	2400	469	1060	5000	469	1060	5000	469			
CIRCLING	1160	1	563	1180	1	583	1400	2 1/4	803	1420	2 3/4	823			
HROLD FIX MINIMUMS															
S-LOC 30	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			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM 7/9337 FOR AMDT 6A.
2. ADDED RNAV INITIAL SEGMENT "HTDOG TO KIKVE" AND CONVENTIONAL INTERMEDIATE SEGMENT "KIKVE TO WASTU" IN TERMINAL ROUTES -- FPT REQUEST.
3. CHANGED "RONOY/I-GYY 3.48 DME 1240*#" TO "HROLD/I-GYY 2.97 DME 1060#" IN PROFILE LINE 4 -- FPT REQUEST FOR NEW STEPDOWN FIX.
4. MOVED "DME OR RADAR REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES AND ADDED "RNP APCH - GPS FROM HTDOG" -- RNAV INITIAL SEGMENT; UPDATED IAW 8260.19I, 8-6-8.A AND C.
5. CHANGED LOCATION OF CFCFK FROM "413056.70N/0871253.97W" TO "413056.76N/0871254.23W" IN ADDITIONAL FLIGHT DATA -- FIX REALIGNED WITH PT COURSE.
6. ADDED ALS INOPERATIVE NOTE -- INSUFFICIENT INCREASE FROM INOPERATIVE TABLE; 8260.19I, 8-6-11.O(3)(D) AND (E).
7. UPDATED AND MOVED BACK-UP ALTIMETER NOTE TO 8260-9 GENERAL REMARKS -- UPDATED IAW 8260.19I, 8-6-9.F(3).
8. REMOVED "CHART: APT ELEV 597" IN ADDITIONAL FLIGHT DATA -- INCLUDED IN STANDARD APPROACH PLATE FORMAT.
9. CHANGED NOTE FROM "# INCREASE TO 1300..." TO "# 1120 WHEN USING CHICAGO MIDWAY INTL ALTIMETER SETTING" -- DECREASED S-LOC 30 MDA AND UPDATED IAW 8260.19I, 8-6-7.D.(6)(B).
10. 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).
11. REMOVED "LOC ONLY" FROM ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED IAW CURRENT CRITERIA.
12. ADDED "CHART MANDATORY 4000 AT HTDOG" IN ADDITIONAL FLIGHT DATA -- FPT REQUEST.
13. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ILS AND LOC ALTERNATE MINIMUMS NOTE AND CHANGED ILS FROM "CAT A, B 700-2, CAT C 800-2 1/4, CAT D 900-2 3/4" TO "STANDARD" -- UPDATED IAW 8260.19I, 8-6-11.B(4) MEMO.
14. CHANGED S-LOC 30 MDA/HAT ALL CATS FROM "1240/649" TO "1060/469" AND CAT C/D VISIBILITY FROM "1 3/8" TO "5000" -- NEW CONTROLLING OBSTACLE.
15. CHANGED CAT A/B CIRCLING MDA/HAA FROM "1240/643" TO CAT A "1160/563" AND CAT B "1180/583" - NEW CONTROLLING OBSTACLES.
16. ADDED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVAL ON CGT VORTAC AIRWAY RADIALS 087 CW 115" -- GREATER THAN 120 DEGREE TURN TO WASTU; 8260.3D, 2-3-1.A(2) AND 8260.19I, 8-2-5.E(2).

COORDINATED WITH:

AAA ☒ **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

12/29/2020

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Mar 23, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGER