

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
RFD	ILS OR LOC RWY 1	30	CHICAGO/ROCKFORD	IL		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
742	729	ILS OR LOC RWY 1	29	12/05/2019	3W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-RFD		25 JANUARY 2024	1/25/2024			

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KENNY/11.82 DME/RADAR	IF/IAF	GILMY/5.81 DME/RADAR					008.43	6.01 (I-RFD)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.21 NM AFTER GILMY/5.81 DME/RADAR OR AT I-RFD 1.60 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 ON I-RFD LOCALIZER N COURSE (008) TO TODDY/4.60 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S KENNY, RT, 008.43 INBOUND, 2500 FT. IN LIEU OF PT (IF/IAF), MAX 6000.					
3. FAC: 008.43	FAF: GILMY/5.81 DME/RADAR	DIST FAF TO MAP: 4.21	DIST FAF TO THLD: 4.21		
4. MIN ALT: KENNY/11.82 DME/RADAR 2500, GILMY/5.81 DME/RADAR 2000, YOPUY/I-RFD 3.81 DME/RADAR 1400					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT: 1098	
6. MIN GS INCPT: 2000	GS ALT AT PFAF: GILMY/5.81 DME/RADAR 2000		OM:	MM:	IM:
7. GS ANGLE: 2.75	34:1:	20:1:	TCH: 62.0		
8. MSA FROM: ARP KRFD 2600					



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: ASR.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 1 CAT C/D VISIBILITY TO RVR 5500.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 188.43 INBOUND.
CHART FAS OBST: 824 TREE (17-033452) 421003N/0890529W.
CHART 905 TERRAIN 420828N/0890514W.
CHART VDP AT 2.57 DME.
DISTANCE VDP TO THLD 0.97 NM.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD; LOC: 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
S-ILS 01	929	1800	200	929	1800	200	929	1800	200	929	1800	200			
S-LOC 01	1080	2400	351	1080	2400	351	1080	3000	351	1080	3000	351			
CIRCLING	1220	1	478	1280	1	538	1320	1 1/2	578	1460	2 1/4	718			

CHANGES - REASONS

1. REMOVED INITIAL SEGMENTS CHANA TO KENNY AND RUSLL TO KENNY – FPT REQUEST/PLL VOR DECOMMISSIONING.
2. POPULATED PROFILE LINE 2: HOLD S KENNY, RT, 008.43 INBOUND, 2500 FT. IN LIEU OF PT (IF/IAF), MAX 6000 - HIL ADDED AS PER FPT REQUEST.
3. CHANGED PROFILE LINE 4 FROM "GILMY/5.81 DME/RADAR 2000, YOPUY/3.81 DME/RADAR 1400*" TO "KENNY/11.82 DME/RADAR 2500, GILMY/5.81 DME/RADAR 2000, YOPUY/I-RFD 3.81 DME/RADAR 1400" – UPDATED TO CURRENT CRITERIA.
4. CHANGED PROFILE LINE 8 MSA FROM "KRFD 2600" TO "ARP KRFD 2600" - IAW 8260.19I 8-6-7.H.(1).
5. CHANGED CHART NOTE: "FOR INOPERATIVE ALS, INCREASE S-LOC 1 CAT C/D VISIBILITY TO RVR 6000." TO "INOPERATIVE TABLE DOES NOT APPLY TO S-ILS. – IAW 8260.19I.
6. REMOVED CHART NOTE: "PROCEDURE NA FOR ARRIVALS AT CHANA ON V172 WESTBOUND, AND ARRIVALS AT RUSLL ON V172 EASTBOUND." – SEGMENTS REMOVED FROM PROCEDURE AS PER FPT REQUEST.
7. REMOVED "*" FROM "CHART VDP AT 2.75 DME*," FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10M.
8. CHANGED "DISTANCE VDP TO THLD 1.16 NM" TO "DISTANCE VDP TO THLD 0.97 NM." - LOWERED S-LOC 1 MINIMUMS WITH NEW PROCEDURE EVALUATION.
9. REMOVED "*LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CURRENT CRITERIA.
10. ADDED OBSTACLE NUMBERS TO CHART FAS OBST NOTE IN ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10C.
11. REMOVED "1040 AAO 420640N/0890648W." FROM ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION.
12. LOWERED S-ILS VISIBILITY ALL CATS FROM "2400" TO "1800" - PER UPDATED 8260.3E VIS TABLES.
13. LOWERED S-LOC MDA/HAT ALL CATS FROM "1140/411" TO "1080/351", RAISED CAT C/D VIS FROM "2400" TO "3000" – NEW OBSTACLES EVALUATION.
14. DELETED PROCEDURE TURN AT GILMY AND ADDED HOLD-IN-LIEU AT KENNY - CHECKLIST/FPT REQUEST.
15. ADDED "CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY." TO NOTES - PROCEDURE REQUIRES RADAR FOR PROCEDURE ENTRY.
16. REMOVED "NA WHEN LOCAL WEATHER NOT AVAILABLE" NOTES FROM ALTERNATE MINIMUMS - IAW 8260.19I 8-6-11 B (4).
17. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 1 CAT C/D VISIBILITY TO RVR 5500. - PER UPDATED 8260.3D VIS TABLES.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER:

ZAU ARTCC, RFD ATCT, AMGR.

FLIGHT CHECKED BY

PENDING

OFFICE

Digitally signed by
CASIMIR L TABAKA
Dec 20, 2023

DATE

DEVELOPED BY

CASIMIR L. TABAKA (JOSHUA SAENZ)

Digitally signed by
CASIMIR L TABAKA
Dec 20, 2023

OFFICE

AJV-A432

DATE

05/03/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Dec 20, 2023

OFFICE

AJV-A432

DATE

TITLE

MANAGER

