

**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> KRFD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 7 ILS RWY 7 (SA CAT I), ILS RWY 7 (CAT II), ILS RWY 7 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> CHICAGO/ROCKFORD	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 742	<u>TDZE</u> 742	<u>SUPERSEDED</u> ILS OR LOC RWY 7 ILS RWY 7 (SA CAT I), ILS RWY 7 (CAT II), ILS RWY 7 (CAT III)	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-UDY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<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
SOSSO	IAF	FOORD	NOPT	TF	FB	1.00	048.89	12.75	3000
HENOR	IAF	FOORD	NOPT	TF	FB	1.00	111.92	10.94	3000
FOORD/I-UDY 13.16 DME	IF/IAF	CUDUP/I-UDY 7.16 DME					068.41	6.00 (I-UDY)	2500

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.33 NM AFTER CUDUP/I-UDY 7.16 DME OR AT I-UDY 1.82 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON HEADING 068.41. EXPECT RADAR VECTORS. (RADAR REQUIRED).

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD W FOORD, LT, 068.41 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 068.41 **FAF:** CUDUP/I-UDY 7.16 DME **DIST FAF TO MAP:** 5.33 **DIST FAF TO THLD:** 5.33
- 4. **MIN ALT:** FOORD/I-UDY 13.16 DME 3000, CUDUP/I-UDY 7.16 DME 2500, JEFRO/I-UDY 4.32 DME 1580
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** 855 **100 HAT:** 763 **150 HAT:** 1717 **GS ANT:** 1243
- 6. **MIN GS INCPT:** 2500 **GS ALT AT PFAF :** CUDUP/I-UDY 7.16 DME 2500 **OM:** **MM:** **IM:** 842
- 7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 60.0
- 8. **MSA FROM:** ARP KRFD 2600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR LOC ONLY.
RNP APCH-GPS. FROM HENOR OR SOSSO.
RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7: CAT A, B, C, D, RA 164, RVR 1400, HAT 150, DA 892 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7: CAT A, B, C, D, RA 114, RVR 1200, HAT 100, DA 842 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7: CAT A, B, C, D, RVR 600
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 109.01 INBOUND.
CHART FAS OBST: 882 TREE (17-044235) 421057N/0890831W.
CHART VDP AT 3.04 DME
DISTANCE VDP TO THLD 1.22 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		
	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 07	942	1800	200	942	1800	200	942	1800	200	942	1800	200			
S-LOC 07	1200	2400	458	1200	2400	458	1200	4500	458	1200	4500	458			
CIRCLING	1220	1	478	1280	1	538	1320	1 1/2	578	1460	2 1/4	718			



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CHANGES - REASONS

1. CLEARS NOTAM 1/9102.
2. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 3100 ON HEADING 360 AND JVL VOR/DME R-165 TO JVL VOR/DME AND HOLD TO CLIMB TO 3000 ON HEADING 068.41. EXPECT RADAR VECTORS. (RADAR REQUIRED). - REQUESTED BY FPT/ATC DUE TO JVL VOR/DME R-155 THROUGH R-175 BEING UNUSABLE BEYOND 15 NM PER FLIGHT CHECK.
3. DELETED ADDITIONAL FLIGHT DATA CHART: ASR - NO LONGER REQUIRED.
4. CHANGED EQUIPMENT NOTES FROM: RNP APCH - GPS TO RNP APCH - GPS ROM HENOR OR SOSSO - IAW 8260.19I PARA 8-6-8.C(2)(A).
5. CHANGED NOTE: CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7: CAT A, B, C, D, RA 114, RVR 1200, HAT 100, DA 842 MSL TO CAT II ILS - SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 7: CAT A, B, C, D, RA 114, RVR 1200, HAT 100, DA 842 MSL - IAW 8260.19I PARA 8-6-11.M.(2).
6. REMOVED KFEB AS BACK UP WEATHER SERVICE - PER FPT EMAIL, REMOTE ALTIMETER SETTING NOT REQUIRED, 24 HOUR ATC FACILITY WITH REDUNDANT SOURCES AVAILABLE.
7. HOLD W, RT, 109.01 INBOUND ADDED TO ADDITIONAL FLIGHT DATA - IAW 8260.19I PARA 8-6-10.B.(1).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, RFD ATCT, AMGR

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

OFFICE

FPO

DATE

07/05/2022

DEVELOPED BY

WILLIAM D. MELTON

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

OFFICE

AJV-A411

DATE

12/10/2021

APPROVED BY

JULIE MORGAN

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

OFFICE

AJV-A410

DATE

TITLE
MANAGER

