

**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> KSDF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17R	<u>ORIGINAL/AMENDMENT</u> 4A	<u>CITY</u> LOUISVILLE	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 501	<u>TDZE</u> 485	<u>SUPERSEDED</u> ILS OR LOC RWY 17R	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-SNU	<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

<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>
SPYRS/I-SNU 13.85 DME/RADAR	IF	BLGRS/I-SNU 10.36 DME/RADAR					170.40	3.49 (I-SNU)	3000
BLGRS/I-SNU 10.36 DME/RADAR		CHRCL/I-SNU 8.08 DME/RADAR					170.40	2.28 (I-SNU)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.17 NM AFTER CHRCL/I-SNU 8.08 DME/RADAR OR AT I-SNU 1.91 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON HEADING 170.40, EXPECT RADAR VECTORS. (RADAR REQUIRED)

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT SPYRS
3. **FAC:** 170.40 **FAF:** CHRCL/I-SNU 8.08 DME/RADAR **DIST FAF TO MAP:** 6.17 **DIST FAF TO THLD:** 6.17
4. **MIN ALT:** SPYRS/I-SNU 13.85 DME/RADAR 4000, BLGRS/I-SNU 10.36 DME/RADAR 3000, CHRCL/I-SNU 8.08 DME/RADAR 2500, VOYUK/I-SNU 4.51 DME/RADAR 1300
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1040
6. **MIN GS INCPT:** 2500 **GS ALT AT PFAF :** CHRCL/I-SNU 8.08 DME/RADAR 2500 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 49.7
8. **MSA FROM:** IIU VORTAC 3600

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED.



NOTES:

CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17R CAT C/D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 643 TOWER (21-078842) 381216N/0854513W.
CHART 735 TOWER 381402N/0854600W.
CHART VDP AT 2.97 DME
DISTANCE VDP TO THLD 1.06 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 900-3

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 17R	685	1800	200	685	1800	200	685	1800	200	685	1800	200			
S-LOC 17R	900	2400	415	900	2400	415	900	4000	415	900	4000	415			
CIRCLING	1040	1	539	1140	1	639	1160	1 3/4	659	1400	3	899			

CHANGES - REASONS

1. CHANGED PRIMARY MISSED APPROACH FROM 'CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 DIRECT TO DAMEN AND HOLD. (GPS REQUIRED)' TO 'CLIMB TO 4000 ON HEADING 170.40, EXPECT RADAR VECTORS (RADAR REQUIRED)' - COMPROMISE SOLUTION BETWEEN INDUSTRY, ATC, FPT, AIS AND FICO. PREVIOUS MISSED APPROACH UNUSEABLE FOR NON-GPS EQUIPPED AIRCRAFT.
2. REMOVED PBN REQUIREMENT NOTE 'RNAV 1-GPS REQUIRED' - GPS NO LONGER REQUIRED TO FLY MISSED APPROACH.
3. REPLACED EQUIPMENT REQUIREMENT NOTE 'DME OR RADAR REQUIRED' WITH 'RADAR REQUIRED' - PER 8260.19I PARA. 8-6-8A(3)(5).
4. REMOVED *LOC ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED FOR FINAL STEPDOWN FIXES AND VDP PER 8260.19I 1-1-5F(12) EXPLANATION OF CHANGES.
5. REMOVED INSTRUCTIONS 'HOLD W, LT, 083.89 INBOUND' FROM ADDITIONAL FLIGHT DATA - FIX NADDI REMOVED AS CLEARANCE LIMIT FOR MISSED APPROACH.
6. CHANGED FAS OBST FROM 643 TOWER 381235N/0854508W TO 643 TOWER 381216N/0854513W - NEW TARGETS SELECTED CONTROLLING OBSTRUCTION.
7. UPDATED CIRCLING CAT B AND C CONTROLLING OBSTRUCTIONS - NO CHANGE IN OBSTACLE HEIGHT OR MINIMUMS.
8. PROFILE LINE 4: REMOVED ASTERISK FROM 'VOYUK/I-SNU 4.51 DME/RADAR 1300' - NO LONGER REQUIRED FOR FINAL STEPDOWN FIXES AND VDP PER 8260.19I 1-1-5F(12) EXPLANATION OF CHANGES.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, SDF APP CON, SDF ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

OFFICE

AJV-A423

DATE

04/05/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

RAKE MCGRAW

Jul 13, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

