

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: IAP	Estimated Chart Date: 07/11/2024	APWS Task ID: DCC7673BDCA24031961A26235F8D5F17	APWS Project ID: CB608286F1A24EDAA494952352BD26CB
Procedure: ILS OR LOC RWY 35L AMDT 5		Enroute: NO	Specialist: Dumar, Ralph		Agreement Number:
Airport ID: KSDF			Airport City: LOUISVILLE		State: KY
Facility ID: RLI	Facility Type: ILS	Flight Inspection Remark Type: Hold FC Slot			
Procedure Comments: KSDF AND NAVAID ACTIVE DATA USED. CONTACT RAKE MCGRAW (405) 954-8711 04/04/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/24/24. 1. REMOVED RNAV TRANSITIONS AABEY-EBOCO-FANIE-GIGUE-LISSN AND DPAUW-HONUS-IVALE-JOPRA-LISSN AND ALL ASSOCIATED FIXES, MANDATORY ALTITUDES AND SPEED RESTRICTIONS - PER FLIGHT INSPECTION RECOMMENDATION TO REDUCE CLUTTER AND COMPLEXITY OF THE CHART. 2. COMBINED KNOX-LISSN DISTANCE 1.88 AND LISSN-CRDNL DISTANCE 1.10 TO KNOX-CRDNL DISTANCE 1.98 - CAPTURE FIX LISSN REMOVED FROM APPROACH. 3. PROFILE LINE 4: REMOVED 'LISSN INT/I-RLI 8.84 DME/RADAR 2500' AND ADDED 'AWLEE INT/I-RLI 13.84 DME/RADAR 4000, KNOX INT/I-RLI 10.72 DME/RADAR 3000' - CAPTURE FIX LISSN REMOVED FROM APPROACH AND INTERMEDIATE FIXES ADDED PER 8260-19I PARA. 8-6-7D. 4. REMOVED PBN REQUIREMENTS NOTE 'RNP APCH-GPS. FROM AABEY, OR DPAUW. - NOT REQUIRED. ALL PBN TRANSITIONS REMOVED. 5. CHANGED AWLEE SPEED RESTRICTION FROM MAX 180 KNOTS TO MAX 210 KNOTS - PER PBN/FPT TO ALLOW RADAR VECTORING TO AWLEE. QUALITY 34 CHECKED					

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Procedure: ILS OR LOC RWY 35L AMDT 5		Enroute: NO	Specialist: Dumar, Ralph		Agreement Number:
Airport ID: KSDF			Airport City: LOUISVILLE		State: KY
Facility ID: RLI	Facility Type: ILS	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: KSDF AND NAVAID ACTIVE DATA USED. FAA FORM 8260-1: MULTIPLE INTERMEDIATE FIXES APPROVAL LETTER: MANDATORY ALTITUDES AT INTERMEDIATE FIXES AABEY AND DPAUW REMARKS: NEW INTERMEDIATE SEGMENTS ADDED TO APPROACH. CONTACT RAKE MCGRAW (405) 954-8711 QUALITY 33 CHECKED QUALITY 20 CHECKED					

FIPC BASIC FORM									
PROCEDURE: ILS OR LOC RWY 35L AMDT 5				AIRPORT NAME: LOUISVILLE MUHAMMAD ALI INTL		AIRPORT ID: KSDF		SPECIAL CONTROL NO: AP-04-130-24	
FAC ID: RLI			CITY: LOUISVILLE			ST: KY		ORIG CHART DATE: 07/11/2024	
DFL TYPE: PROC/A	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:		PTS TASK ID: DCC7673BDCA24031961A26235F8D5F17				
PREFLIGHT NOTES									
REVIEWER:						DATE:			
COMMENTS:						CHECK ONE:			
						☐ FLT CK REQ ☐ NFCR ☐ REJECT			
								YES	NO
						CPV COMPLETE?		X	
PROCEDURE RESULTS									
INSPECTION DATE: 04/24/2024		CREW #: VN327	N #: N79	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT			ARINC CODING: ☒ SAT ☐ SAT/GOLD ☐ UNSAT		
FLIGHT INSPECTOR SIGNATURE: jeffrey eckman @ 04/24/2024 19:40				PRINTED NAME: ECKMAN, JEFFREY ALAN				NOTAM INITIATED? ☐ YES ☒ NO	
FLIGHT INSPECTOR REMARKS: Procedure is SAT as proposed.									
IN-FLIGHT OBSTACLE REPORT									
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:		

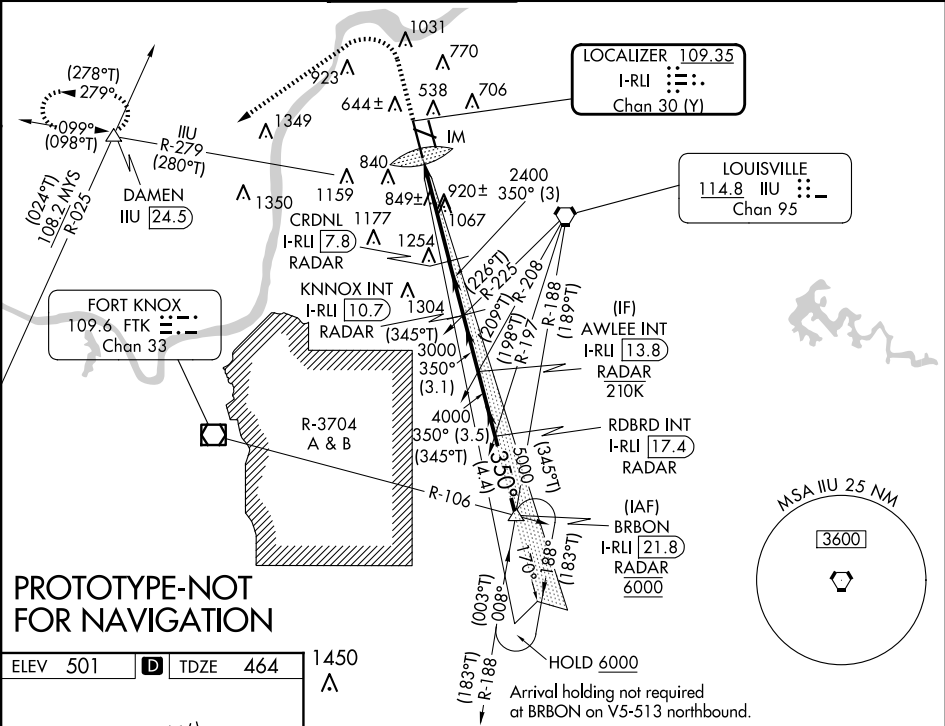
FIPC BASIC FORM						
PROCEDURE: ILS OR LOC RWY 35L AMDT 5			AIRPORT NAME: LOUISVILLE MUHAMMAD ALI INTL		AIRPORT ID: KSDF	SPECIAL CONTROL NO: AP-03-264-24
FAC ID: RLI		CITY: LOUISVILLE			ST: KY	ORIG CHART DATE: 07/11/2024
DFL TYPE: PROC/AR	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 0.5	REIMB. NUMBER:	PTS TASK ID: DCC7673BDCA24031961A26235F8D5F17		
PREFLIGHT NOTES						
REVIEWER: eric l geyer					DATE: 04/01/2024	
COMMENTS: The multiple intermediate fixes with associated altitude transitions are excessively complex. There is additional risk of accidentally joining a localizer back-course while navigating the transition segments outside the localizer service volume in sector 3. Also, the expected automatic NAV to NAV transfer between GPS and localizer course guidance was found to be					CHECK ONE: ☐ FLT CK REQ ☐ NFCR ☒ REJECT YES NO CPV COMPLETE? X	
PROCEDURE RESULTS						
INSPECTION DATE: 03/28/2024	CREW #: VN526	N #:	INSTRUMENT PROCEDURE STATUS: ☐ SAT ☐ SAT W/CHANGES ☒ UNSAT		ARINC CODING: ☐ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: eric l geyer @ 04/01/2024 11:37			PRINTED NAME: GEYER, ERIC LEE			NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

LOC/DME I-RLI	APP CRS	Rwy Idg	10000
109.35	350°	TDZE	464
Chan 30 (Y)		Apt Elev	501

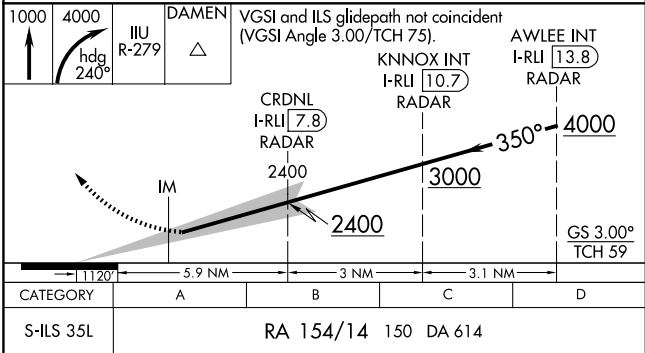
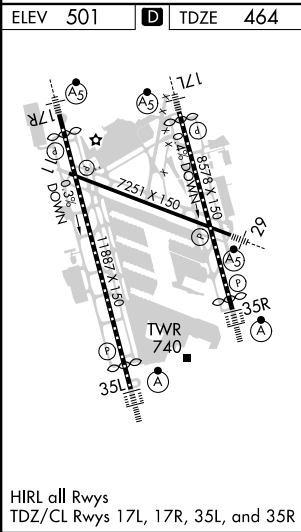
ILS RWY 35L (SA CAT I)

LOUISVILLE MUHAMMAD ALI INTL (SDF)

RADAR required.			ALS-F-2	MISSED APPROACH: Climb to 1000 then climbing left turn to 4000 on heading 240° and ILL VORTAC R-279 to DAMEN INT/ ILL 24.5° DME and hold.	
Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval.					
D-ATIS	LOUISVILLE APP CON	LOUISVILLE TOWER	GND CON	CLNC DEL	CPDLC
118.725	132.075 327.0	124.2 257.8	121.7 348.6	126.1 275.8	



PROTOTYPE-NOT FOR NAVIGATION



SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

FIG

ILS RWY 35L (CAT II & III)
LOUISVILLE MUHAMMAD ALI INTL (SDF)

MISSED APPROACH: Climb to 1000 then climbing left turn to 4000 on heading 240° and III VORTAC R-279 to DAMEN INT/ III 24.5° DME and hold.

PROTOTYPE-NOT FOR NAVIGATION

ELEV 501	D	TDZE 464
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LOUISVILLE
114.8 IIU ::
Chan 95

LOCALIZER 109.35
I-RLI ::::
Chan 30 (Y)

FORT KNOX
109.6 FTK ::::
Chan 33

DAMEN
IIU [24.5]

CRDNL
1177
I-RLI [7.8]
RADAR

KNNOX INT
I-RLI [10.7]
RADAR [345°]

AWLEE INT
I-RLI [13.8]
RADAR 210K

RDBRD INT
I-RLI [17.4]
RADAR

BRBON
I-RLI [21.8]
RADAR 6000

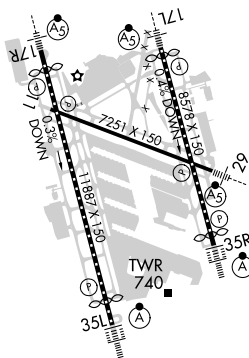
HOLD 6000

MSA IIU 25 NM
[3600]

Arrival holding not required at BRBON on V5-513 northbound.

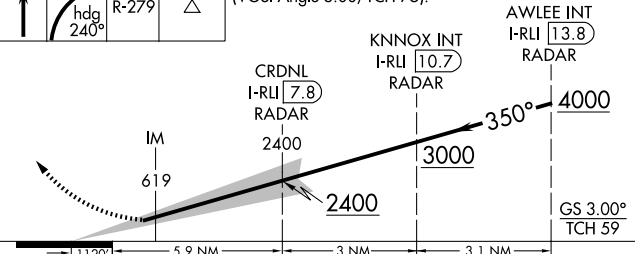
PROTOTYPE-NOT
FOR NAVIGATION

1450
A



1000 ↑	4000 hdg 240°	IIU R-279	DAMEN △
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VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 75).



CATEGORY	A	B	C	D
S-ILS 35L	CAT II	RA 99/12	100	DA 564
S-ILS 35L	CAT III	RVR 600		

CATEGORY II & III ILS - SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED

LOUISVILLE MUHAMMAD ALI INTL (SDF)
38°10'N-85°44'W **ILS RWY 35L** (CAT II & III)

OLD

ILS or LOC RWY 35L
LOUISVILLE MUHAMMAD ALI INTL (SDF)

ALSF-2

T Circling Rwy 11 NA at night. Simultaneous approach authorized.
A For inop ALS, increase S-LOC 35L Cat C/D visibility to 1¾ SM.



MISSED APPROACH: Climb to 4000 on heading 350°, expect RADAR vectors.

LOCALIZER 109.35
I-RLI $\equiv \equiv \equiv$
Chan 30 (Y)

LOUISVILLE
114.8 IIU $\equiv \equiv \equiv$
Chan 95

FORT KNOX
109.6 FTK $\equiv \equiv \equiv$
Chan 33

BARRR
I-RLI 4.5

CRDNL
I-RLI 7.8
RADAR

AWLEE INT
I-RLI 13.8
RADAR
(IF)

RDBRD INT
I-RLI 17.4
RADAR

(IAF) BRBON
I-RLI 21.8
RADAR

MSA IIU 25 NM
3600

Arrival holding not required
at BRBON on V5-513 northbound.

HOLD 5000

ELEV 501 **D** **TDZE 464**
TDZ/CL Rwys 17L, 17R, 35L, and 35R
HIRL all Rwys

1450
 Δ

LOUISVILLE, KENTUCKY
Amdt 4A 08SEP22

LOUISVILLE MUHAMMAD ALI INTL (SDF)
ILS or LOC RWY 35L

23334

OLD

LOUISVILLE MUHAMMAD ALI INTL (SDF)

ALSF-2



MISSED APPROACH: Climb to 4000 on heading 350°, expect RADAR vectors.

FORT KNOX
109.6 FTK
Chan 33

ELEV 501 TDZE 464

LOCALIZER 109.35
I-RLI
Chan 30(Y)

LOUISVILLE
114.8 IIU
Chan 95

CRDNL
I-RLI [7.8]
RADAR

AWLEE INT
I-RLI [13.8]
RADAR
(IF)

RDBRD INT
I-RLI [17.4]
RADAR

(IAF) BRBRON
I-RLI [21.8]
RADAR

MSA IIU 25 NM
[3600]

Arrival holding not required at BRBRON on V5-513 northbound.

HOLD 5000

HIRL all Rwy's
TDZ/CL Rwy's 17L, 17R, 35L, and 35R

38°10'N-85°44'W

LOUISVILLE MUHAMMAD ALI INTL (SDF)

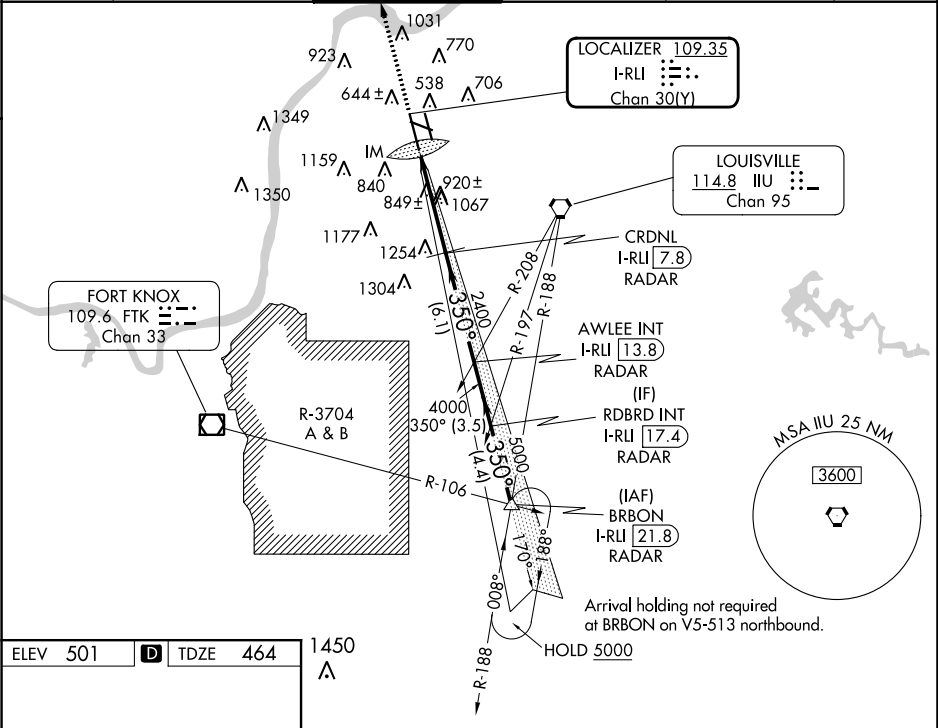
ILS RWY 35L (SA CAT I)

SE-1, 30 NOV 2023 to 28 DEC 2023

LOC/DME I-RLI 109.35 Chan 30(Y)	APP CRS 350°	Rwy Idg TDZE 464 Apt Elev 501	OLD	ILS RWY 35L (CAT II & III) LOUISVILLE MUHAMMAD ALI INTL (SDF')
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RADAR required. Simultaneous approach authorized. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.	ALSF-2	MISSED APPROACH: Climb to 4000 on heading 350°, expect RADAR vectors.
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D-ATIS 118.725	LOUISVILLE APP CON 132.075 327.0	LOUISVILLE TOWER 124.2 257.8	GND CON 121.7 348.6	CLNC DEL 126.1 275.8	CPDLC
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KSDF
Louisville Muhammad Ali Intl
Louisville, KY
ILS or LOC Rwy 35L, Amdt 5
1:500,000

Missed Holding
TOWER (1133)
18-002484

CTC LOUISVILLE APP WITHIN
20 NM ON 132.075

Missed Lvl Sfc
ANTENNA (1359)
21-028060

Intermediate Stepdown-
KNNOX-CRDNL
AAO (1004)

Initial
BRBON-RDBRD-AWLEE
TOWER (1376)
21-001848

Arrival Holding BRBON
TOWER (1249)
21-001503

Intermediate
AWLEE-KNNOX
AAO (1047)

