

**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</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
ST LOUIS LAMBERT INTL	KSTL	ILS OR LOC RWY 12R	23	ST LOUIS	MO	
<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SUPERSEDED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>
618	12R 540 12L 541	ILS OR LOC RWY 12R	22C	03/29/2018	1W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-LMR		26 MARCH 2020	ROUTINE			

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>
SADEN INT	IAF	PAULY INT/17.83 DME/RADAR					077.95 & 123.19	2.07 & 1.73 (I-LMR)	4500
PAULY INT/17.83 DME/RADAR	IF	NAIRN INT/12.49 DME/RADAR					123.19	5.34 (I-LMR)	3600
NAIRN INT/12.49 DME/RADAR		TUDNE INT/7.56 DME/ RADAR					123.19	4.92 (I-LMR)	2400

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.67 NM AFTER TUDNE INT/7.56 DME/RADAR OR AT 1.89 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 ON STL VORTAC R-128 TO FONTI INT/STL 22.40 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT TOY VORTAC AND HOLD.

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT PAULY

3. FAC: 123.19 FAF: TUDNE INT/7.56 DME/RADAR DIST FAF TO MAP: 5.67 DIST FAF TO THLD: 5.67

4. MIN ALT: PAULY INT/17.83 DME/RADAR 4500, NAIRN INT/12.49 DME/RADAR 3600, TUDNE INT/7.56 DME/RADAR 2400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1152

6. MIN GS INCPT: 2400 GS ALT AT FAF : TUDNE INT/7.56 DME/RADAR 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 54.4

8. MSA FROM: STL VORTAC 090-270 2800, 270-090 2300

QUALITY
21
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: LOC ONLY: RWY 12R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 12L.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SADEN ON V4 WESTBOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 12R CAT E VISIBILITY TO RVR 4000 AND INCREASE S-LOC 12R CATS A/B VISIBILITY TO RVR 5500, CATS C/D/E VISIBILITY TO RVR 6000.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 11. SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 12L REQUIRES USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDESLOPE.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: TOY VORTAC
CHART VDP AT 3.04 DME*
DISTANCE VDP TO THLD 1.15 NM
* LOC ONLY
CHART FAS OBST: 697 TREE 384538N/0902343W.
CHART 714 TREE 384551N/0902302W.
750 AAO 384820N/0902916W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E TOY VORTAC, RT, 270.00 INBOUND.
HOLD SE, RT, 308.40 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

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 12R	740	1800	200	740	1800	200	740	1800	200	740	1800	200	740	1800	200
S-LOC 12R	960	4000	420	960	4000	420	960	4000	420	960	4000	420	960	4000	420
SIDESTEP 12L	980	1	439	980	1	439	980	1 1/2	439	980	2	439	980	2	439

CHANGES - REASONS

1. FAF OBLIO LOM/INT/I-LMR 7.25 DME/RADAR REPLACED WITH PFAF/FAF TUDNE INT/7.56 DME/RADAR - OBLIO LOM DECOM.
2. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 5000 ON STL VORTAC R-128 TO FONTI INT/22.44 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 5000 ON STL VORTAC R-128 TO FONTI INT/STL 22.40 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000 - MISSED APPROACH IS STRAIGHT. ATC CONCURS WITH INSTRUCTION CHANGE.
3. MSA CENTER CHANGED FROM OBLIO LOM TO STL VTAC, SECTORED TO MATCH EXISTING STL VTAC MSA - OBLIO LOM DECOM.
4. DIST FAF TO MAP/THLD CHANGED FROM 5.36 TO 5.67 - PER NEW FAF LOCATION.
5. S-LOC 12R CAT A/B VIS CHANGED FROM 4000 RVR TO 2400 RVR - PER VIS CALC.
6. CHANGED NOTE FROM 'FOR INOPERATIVE ALS, INCREASE S-ILS 12R CAT E VISIBILITY TO RVR 4000, S-LOC 12R CATS A/B VISIBILITY TO RVR 5000, AND S-LOC 12R CAT E VISIBILITY TO RVR 6000' TO READ ' FOR INOPERATIVE ALS, INCREASE S-ILS 12R CAT E VISIBILITY TO RVR 4000 AND S-LOC 12R CATS C/D/E VISIBILITY TO RVR 6000' - PER VIS CALC.

2/18/20. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/22/19.

1. CHANGED NOTE 'FOR INOPERATIVE ALS, INCREASE S-ILS 12R CAT E VISIBILITY TO RVR 4000 AND S-LOC 12R CATS C/D/E VISIBILITY TO RVR 6000' TO 'FOR INOPERATIVE ALS, INCREASE S-ILS 12R CAT E VISIBILITY TO RVR 4000 AND INCREASE S-LOC 12R CATS A/B VISIBILITY TO RVR 5500, CATS C/D/E VISIBILITY TO RVR 6000'.

2. CHANGED S-LOC 12R CATS A/B VISIBILITY FROM RVR 2400 TO RVR 4000.

3. CHANGED NOTE 'RWY 12R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED' TO 'LOC ONLY: RWY 12R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED'.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZKC, STL APP CON, STL ATCT, AMGR

FLIGHT CHECKED BY

JOHN D JEFFERS

Digitally signed by

DEVELOPED BY

PHILLIP BRANDENBURG

PHILLIP BRANDENBURG

Dec 30, 2019

Digitally signed by

ALLAN WILL

Feb 18, 2020

OFFICE

FICO

DATE

02/14/2020

OFFICE

AJV-A423

DATE

10/22/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Feb 18, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER

