

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> KSUS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 26L	<u>ORIGINAL/AMENDMENT</u> ORIG-F	<u>CITY</u> ST LOUIS	<u>STATE</u> MO		
<u>AIRPORT ELEVATION</u> 463	<u>TDZE</u> 462	<u>SUPERSEDED</u> ILS OR LOC RWY 26L	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>DATED</u> 11/03/2022	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-FZU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<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>
STL VORTAC		EAVES LOM/INT					194.46	11.47	2400
FTZ VORTAC		EAVES LOM/INT					088.01	19.94	2400
TOY VORTAC	IAF	HORUS INT	NOPT				261.00	20.25	2500
HORUS INT	IF	EAVES LOM/INT					259.09	9.58	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.24 NM AFTER EAVES LOM/INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 THEN RIGHT TURN DIRECT FTZ VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E EAVES LOM, LT, 259.09 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4800.
3. FAF: 259.09 FAF: EAVES LOM/INT DIST FAF TO MAP: 4.24 DIST FAF TO THLD: 4.24
4. MIN ALT: EAVES LOM/INT 1900
5. DIST TO THLD FROM OM: 4.25 MM: IM: 150 HAT: GS ANT: 1051
6. MIN GS INCPT: 1900 GS ALT AT PFAF : OM: 1871 MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 55.0
8. MSA FROM: FZ OM 093-273 3100, 273-093 2300



NOTES:

CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING ST LOUIS LAMBERT INTL ALTIMETER SETTING).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS LAMBERT INTL ALTIMETER SETTING: INCREASE S-ILS 26L DA TO 705 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 26L VISIBILITY CAT C AND D 1/8 SM AND CIRCLING VISIBILITY C 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 26L CATS C AND D VISIBILITY TO 1 7/8 SM.

CHART NOTE: FOR INOPERATIVE ALS WHEN USING ST LOUIS LAMBERT INTL ALTIMETER SETTING, INCREASE S-LOC 26L CATS C AND D VISIBILITY TO 2 SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FTZ VORTAC ON V44 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON STL VORTAC AIRWAY RADIALS 170 CW 224.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOY VORTAC ON V88 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 100.00 INBOUND.

CHART FAS OBST: 839 TREE 384013N/0903300W.

CHART 857 TOWER 384019N/0903217W.

MINIMUMS:

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

ALTERNATE: NA



ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 900-3, NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 26L*	662	2400	200	662	2400	200	662	2400	200	662	2400	200			
S-LOC 26L	1140	2400	678	1140	2400	678	1140	1 1/2	678	1140	1 1/2	678			
CIRCLING	1140	1	677	1140	1	677	1180	2	717	1360	3	897			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT ORIG D AND E - IAW 8260.19I PARA 8-3-4.C (3) - REQUIRED IAW 8260.19I PARA 8-3-4C(3).
2. PROFILE LINE 2: CHANGED "EAVES LOM/INT" TO "EAVES LOM" AND ADDED "MAX 4800" - SIAP FIX CODING AND IAW 8260.19I, PARA 8-6-7B(2).
3. PROFILE LINE 5: UPDATED OM DISTANCE FROM 4.24 TO 4.25 AND DIST TO THLD FROM GS ANTENNA FROM "1052" TO "1051" - DISTANCE THLD TO FACILITY CALCULATED BY TARGETS.
4. PROFILE LINE 6: UPDATED OM ALTITUDE FROM "1883" TO "1871" - NEW OUTER MARKER SURVEY LOCATION.
5. ALTERNATE: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I, 8-6-11.B(4).
6. NOTES: UPDATED CHART NOTE: "FOR INOPERATIVE MALSR, INCREASE S-LOC 26L CATS C/D VISIBILITY TO 1 7/8 MILES" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 26L CATS C AND D VISIBILITY TO 1 7/8 SM" - 8260.19I 8-6-9/CURRENT CRITERIA FORMAT.
7. NOTES: UPDATED CHART NOTE: "FOR INOPERATIVE MALSR WHEN USING LAMBERT-ST LOUIS INTL ALTIMETER SETTING, INCREASE S-LOC 26L CATS C/D VISIBILITY TO 2 MILES" TO "FOR INOPERATIVE ALS WHEN USING LAMBERT-ST LOUIS INTL ALTIMETER SETTING, INCREASE S-LOC 26L CATS C AND D VISIBILITY TO 2 SM" - 8260.19I 8-6-9/CURRENT CRITERIA FORMAT.
8. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FTZ VORTAC ON V44 WESTBOUND - ANGLE OF INTERSECTION EXCEEDS 120 DEGREES.
9. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON STL VORTAC AIRWAY RADIALS 170 CW 224 - ANGLE OF INTERSECTION EXCEEDS 120 DEGREES.
10. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOY VORTAC ON V88 NORTHEAST BOUND - ANGLE OF INTERSECTION EXCEEDS 120 DEGREES.
11. ADDITIONAL FLIGHT DATA: CHANGED FROM CHART FAS OBST: "837 TOWER 384019N/0903217W" TO "839 TREE 384013N/0903300W" - NEW CONTROLLING OBSTACLE.
12. ADDITIONAL FLIGHT DATA: ADDED CHART 7:1 OBST "857 TOWER (29-002119) 384019N/0903217W" - NEW CONTROLLING OBSTACLE.
13. MINIMUMS: UPDATED CIRCLING CAT C CMDA/HAA FROM "1160/697" TO "1180/717" - NEW CONTROLLING OBSTACLE, CLEARS NOTAM 3/2062.

QUALITY
34
CHECKED

COORDINATED WITH:

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

FLIGHT CHECKED BY

GLENN B FREEMAN

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

FPO

DATE

09/27/2023

DEVELOPED BY

JASON KRETSCHMER (MATTHEW W.TOWNSEND)

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

AJV-A421

DATE

07/25/2023

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Oct 02, 2023

OFFICE

AJV-A421

DATE

11/30/2023

TITLE

MANAGER