

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.33**

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> ST LOUIS LAMBERT INTL	<u>AIRPORT ID</u> KSTL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ST LOUIS	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 618	<u>TDZE</u> 551	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

**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>
FTZ VORTAC	IAF	AVITE		TF	FB	1.00	109.81	13.75	5000
AVITE	IF	IDUBY		TF	FB	1.00	063.62	7.76	3400
IDUBY		ZUDKA		TF	FB	1.00	063.71	3.15	2400
ZUDKA	FAF	RW06	MAP	TF	FO	0.30	063.74	5.65	
RW06	MAP	1018 MSL		CA			063.74		
1018 MSL		VELVT		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LNAV/VNAV: DA

LNAV: RW06

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT VELVT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

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

2. PROFILE STARTS AT AVITE

3. FAC: 063.74      FAF: ZUDKA                      DIST FAF TO MAP: 5.65                      DIST FAF TO THLD: 5.65

4. MIN ALT:    AVITE 5000, IDUBY 3400, ZUDKA 2400

5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      552 HAT: 1.57                      GS ANT:

6. MIN GP INCPT: 2400                      GP ALT AT FAF : ZUDKA 2400                      OM:                      MM:                      IM:

7. GP ANGLE: 3.00                      34:1: IS CLEAR                      20:1: IS CLEAR                      TCH: 50.0

8. MSA FROM: RW06 3000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: WAAS VNAV NA.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FTZ VORTAC AIRWAY RADIALS 082 CW 151.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 5/8 SM AND LNAV CATS C/D/E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS.  
CHART VDP AT 1.37 NM TO RW06\*  
\*LNAV ONLY  
CHART FAS OBST: 784 BUILDING 384356N/0902355W.  
HOLD NE, LT, 241.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ 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
LNAV/VNAV DA	1103	6000	552	1103	6000	552	1103	6000	552	1103	6000	552	1103	6000	552
LNAV MDA	1040	2400	489	1040	2400	489	1040	5000	489	1040	5000	489	1040	5000	489



CHANGES - REASONS

1. CHANGED MISSED APPROACH CLEARANCE LIMIT FROM ZUMAY LOM TO VELVT - ZUMAY LOM BEING DECOMMISSIONED
2. CHANGED FTZ VORTAC - AVITE COURSE FROM 109.82 TO 109.81 - CURRENT TARGETS EVALUATION BASED ON LOCATION OF NAVAID AND FIX
3. CHANGED LNAV/VNAV DA/HAT FROM 1100/549 TO 1103/552 - SAME CONTROLLING OBSTACLE; SLOPED CHANGED FROM 23.4:1 TO 23.64:1 DUE TO USING 5 YEAR TEMP DATA INSTEAD OF STANDARD -30C ISA DEVIATION
4. CHANGED FAS OBSTACLE IN ADDITIONAL FLIGHT DATA FROM 784 ANT ON OL BLDG TO 784 BLDG - SAME OBSTACLE, NEW IDENTIFIER IN OAS DATABASE
5. REMOVED 869 AAO FROM ADDITIONAL FLIGHT DATA - NO LONGER ANY 7:1 OBSTACLES IDENTIFIED
6. MOVED "DISTANCE TO THLD FROM 549 HAT: 1.57 NM" FROM ADDITIONAL FLIGHT DATA TO LINE 5 AND UPDATED HAT TO 552 - CURRENT DOCUMENTATION CRITERIA
7. CHANGED VDP FROM 1.38 NM TO RW06 TO 1.37 NM TO RW06 - ?
8. REMOVED "DME/DME RNP-0.3" NA FROM NOTES - NO LONGER REQUIRED PER CURRENT DOCUMENTATION CRITERIA
9. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - CURRENT DOCUMENTATION CRITERIA
10. REMOVED DEGREES F FROM BARO-VNAV NA NOTE AND UPDATED LOWEST TEMP FROM -16 TO -18C - CURRENT DOCUMENTATION CRITERIA AND CURRENT 5 YEAR TEMP DATA
11. ADDED "20:1 IS CLEAR" ON LINE 7 - CURRENT DOCUMENTATION CRITERIA
12. CHANGED LAST RADIAL IN PROCEDURE NA NOTE FROM FTZ VORTAC FROM 150 TO 151 - CURRENT AIRWAY RADIAL OFF OF THE FTZ VORTAC
13. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM 1 3/8 SM TO RVR 6000 - 8260.3D TABLE 3-3-1
14. CHANGED LNAV VISIBILITY CAT A/B FROM RVR 4000 TO RVR 2400 - 8260.3D TABLE 3-3-1
15. CHANGED LNAV/VNAV CAT E VIS FROM 1 7/8 SM TO 1 5/8 SM AND LNAV CAT C/D/E TO 1 3/8 SM IN INOP ALS NOTE - 8260.3D TABLE 3-3-1
16. CHANGED TCH ON LINE 7 FROM 50.1 TO 50.0 - MATCH ILS TCH

COORDINATED WITH:

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

FLIGHT CHECKED BY	Digitally signed by	OFFICE	DATE	
JOHN D JEFFERS	ALLAN WILL Feb 14, 2020	FICO	2/13/20	
DEVELOPED BY	Digitally signed by	OFFICE	DATE	
KELLIE R. BARNES	KELLIE R BARNES Dec 18, 2019	AJV-A423	11/06/2019	
APPROVED BY	Digitally signed by	OFFICE	DATE	TITLE
MARLON ROBINSON	ALLAN WILL Feb 14, 2020	AJV-A420		MANAGER

