

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW08L						
FTZ VORTAC (IAF)		EXESS (NOPT) (FB)		140.28 / 5.39			3000		CLIMB TO 3000 DIRECT DBLEE AND RIGHT TURN ON TRACK 170.70 TO BNANA AND RIGHT TURN ON TRACK 271.64 TO DERDF AND HOLD.						
DERDF (IAF)		EXESS (NOPT) (FB)		357.03 / 5.16			3000								
EXESS (IF/IAF)		WIDNR (FB)		078.93 / 6.01			2100								
WIDNR (FAF)		RW08L (MAP) (FO)		079.01 / 4.95											
RW08L (MAP)		855 MSL		079.01					ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.03 INBOUND. CHART FAS OBST: 594 TREE 383915N/0904105W FAS OBST: 999 AAO 383716N/0904436W 919 AAO 384010N/0904612W DISTANCE TO THLD FROM 392 HAT: 1.10 NM. CHART VDP AT 1.68 MILES TO RW08L* *LNAV ONLY. WAAS CHANNEL # 99414 REFERENCE PATH ID: W08A LTP HAE: 109.9 M						
855 MSL		DBLEE (FB)													
DBLEE		BNANA (FB)		170.70 / 8.92			3000								
BNANA		DERDF (FO)		271.64 / 17.61			3000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 1W EPOCH YEAR: 2020					
2. HOLD W EXESS, RT, 078.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF)															
3. FAC: 079.01 FAF: WIDNR DIST FAF TO MAP: 4.95 THLD: 4.95															
4. MIN. ALT: EXESS 3000, WIDNR 2100															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2100 GS ALT AT: WIDNR 2100 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 40.6 34:1 IS NOT CLEAR															
8. MSA FROM: RW08L 3100															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY >>>>>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	855	1 3/8	392	855	1 3/8	392		NA			NA				
LNAV/VNAV DA	1075	2 1/2	612	1075	2 1/2	612		NA			NA				
LNAV MDA	1040	1	577	1040	1	577		NA			NA				
CIRCLING	1100	1	637	1100	1	637		NA			NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: VDP AND BARO-VNAV NA WHEN USING LAMBERT-ST LOUIS INTL ALTIMETER SETTING. (CONTINUED ON PAGE 2)															
CITY AND STATE ST LOUIS, MO		ELEVATION: 463 TDZE: 463 AIRPORT NAME: SPIRIT OF ST LOUIS		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8L, ORIG-A 31 MARCH 2016				SUP: AMDT: ORIG DATED 08/27/2009					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE LPV DA TO 912, LNAV/VNAV DA TO 1132 AND ALL MDA 60 FEET, INCREASE LPV ALL CATS

VISIBILITY TO 1 1/2 MILES.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT FTZ VORTAC ON AIRWAY RADIALS 082 CW 150.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DERDF VIA V14 SOUTHWEST BOUND.

QUALITY
6
CHECKED

CITY AND STATE

ST LOUIS, MO

ELEVATION: 463

TDZE: 463

AIRPORT NAME:

SPIRIT OF ST LOUIS

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8L, ORIG-A

31 MARCH 2016

SUP:

AMDT: ORIG

DATED: 08/27/2009

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUS
RUNWAY	RW08L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	383950.9010N
LTP/FTP LONGITUDE	0904005.8245W
LTP/FTP ELLIPSOIDAL HEIGHT	+01099
FPAP LATITUDE	384009.3200N
FPAP LONGITUDE	0903814.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 E8A6B63D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01411
FPAP ORTHOMETRIC HEIGHT	+01411

QUALITY
6
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CITY AND STATE ST LOUIS, MO	ELEVATION: 463 AIRPORT NAME: SPIRIT OF ST LOUIS	TDZE: 463	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8L, ORIG-A 31 MARCH 2016	SUP:
					AMDT: ORIG
					DATED: 08/27/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KSUS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DERDF	010	DERDF	IF	FB										E A
DERDF	020	EXESS	TF	FB	1.0	357.0						AA 03000		EE B
EXESS	010	EXESS	HF	FO		078.9			R			AA 03000		EE A
FTZ	010	FTZ	IF	FB										V A
FTZ	020	EXESS	TF	FB	1.0	140.3						AA 03000		EE B
	010	EXESS	IF	FB								AA 03000		E I
	020	WIDNR	TF	FB	1.0	078.9				RW08L		AA 02100		E F
	030	RW08L	TF	FO	0.3	079.0		3.00				AT 00504		GY M
	040	CA	FB			079.0						AA 00855		M
	050	DBLEE	DF	FB										E
	060	BNANA	TF	FB	1.0	170.7			R					E
	070	DERDF	TF	FO	1.0	271.6			R			AA 03000		EY
	080	DERDF	HM	FO		357.0			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FTZ	N384139.58	W0905816.17
BNANA	N383214.97	W0903053.08
DBLEE	N384101.98	W0903254.96
DERDF	N383224.57	W0905319.45
EXESS	N383734.03	W0905346.84
WIDNR	N383849.34	W0904616.39

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW08L	N383950.90	W0904005.82	00463	40.6

QUALITY
12
CHECKED

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	AIRPORT NAME: SPIRIT OF ST LOUIS			31 MARCH 2016	AMDT: ORIG
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