

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: RW30L CLIMB TO 3000 DIRECT OBLIO LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 123.20 INBOUND. FAS OBST: 849 AAO 384200N/0901721W. DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.44 NM TO RW30L* *LNAV ONLY. WAAS CHANNEL # 99621 REFERENCE PATH ID: W30B CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS. LTP HAE: 146.3 M					
SUGAR (IAF)		FONTI (TF) (FB) (RNP 1.00)		294.49 / 14.82				4500							
FONTI (IF)		ZETGO (TF) (FB) (RNP 1.00)		303.34 / 3.46				3500							
ZETGO		TORME (TF) (FB) (RNP 1.00)		303.31 / 4.62				2200							
TORME (FAF)		RW30L (MAP) (TF) (FO) (RNP 0.30)		303.26 / 4.90											
RW30L (MAP)		783 MSL (CA)		303.26											
783 MSL		OBLIO LOM (DF) (FO) (RNP 1.00)						3000							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FONTI 3. FAC: 303.26 FAF: TORME DIST FAF TO MAP: 4.90 THLD: 4.90 4. MIN. ALT: FONTI 4500, ZETGO 3500, TORME 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: TORME 2200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.8 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW30L 3000										MAG VAR: 1W EPOCH YEAR: 2020					
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**	783	2400	200	783	2400	200	783	2400	200	783	2400	200	783	2400	200
LNAV/VNAV DA	988	5000	405	988	5000	405	988	5000	405	988	5000	405	988	5000	405
LNAV MDA	1100	2400	517	1100	2400	517	1100	5000	517	1100	6000	517	1100	6000	517
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUGAR ON V44 EASTBOUND. CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 618 TDZE: 583				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ST LOUIS, MO		AIRPORT NAME:				RNAV		RNAV (GPS) Y RWY 30L, AMDT 1D				AMDT: 1C			
		ST LOUIS LAMBERT INTL										DATED 08/17/2017			



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/></div>		ZKC, STL APP CON, STL ATCT, AMGR			
FLIGHT CHECKED BY					
NAME:		FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT TEAM (AJW-333) MEMO, MAY 30, 2017			DATE:
		Digitally signed by ROBERT G HAMILTON			
DEVELOPED BY					
NAME:		PETER R. GUIMOND			DATE:
		Digitally signed by PETER R GUIMOND Nov 01, 2017			
APPROVED BY					
NAME:		JULIE A. MORGAN			DATE:
		Digitally signed by ROBERT G HAMILTON MANAGER			
CHANGES:					
Jan 02, 2018					
<div>1. DELETED NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 29 AND RWY 30R.</div> <div>2. ADDED NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 29.</div> <div>3. DELETED NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.</div> <div>4. ADDED NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.</div> <div>5. DELETED NOTE: FOR INOPERATIVE MALSR INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 AND LNAV CAT E VISIBILITY TO 1 3/4.</div> <div>6. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 SM, AND LNAV CAT E VISIBILITY TO 1 3/4 SM.</div> <div>7. DELETED CHART LOC RWY 29 AND 30R FROM ADDITIONAL FLIGHT DATA.</div> <div>8. INCORPORATED CHANGES FROM AMDT 1A (P-NOTAM 6/5165), 1B (ABBREVIATED AMDT), AND 1C (ABBREVIATED AMDT).</div>					
REASONS:					
<div>1. REPLACED BY UPDATED NOTE.</div> <div>2. ATC REQUEST.</div> <div>3. REPLACED BY UPDATED NOTE.</div> <div>4. FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-11O(7)(D).</div> <div>5. REPLACED BY UPDATED NOTE.</div> <div>6. FORMATTED IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-6-11O(3)(D).</div> <div>7. PARALLEL RUNWAY LOCALIZERS ARE NO LONGER CHARTED.</div> <div>8. IN ACCORDANCE WITH FAAO 8260.19H, PARA 8-3-4C(2).</div>					

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.

NOTES, (CONT.):

VISIBILITY TO 1 1/2 SM, AND LNAV CAT E VISIBILITY TO 1 3/4 SM.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 29.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: ** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

QUALITY
26
CHECKED

CITY AND STATE ST LOUIS, MO	ELEVATION: 618 TDZE: 583 AIRPORT NAME: ST LOUIS LAMBERT INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 30L, AMDT 1D	SUP:
				AMDT: 1C
				DATED: 08/17/2017

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSTL
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30B
LTP/FTP LATITUDE	384417.0760N
LTP/FTP LONGITUDE	0902049.4240W
LTP/FTP ELLIPSOIDAL HEIGHT	+01463
FPAP LATITUDE	384514.0500N
FPAP LONGITUDE	0902244.9700W
THRESHOLD CROSSING HEIGHT (TCH)	00057.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

11CDFFC5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01776
FPAP ORTHOMETRIC HEIGHT	+01776

QUALITY
26
CHECKED

CITY AND STATE ST LOUIS, MO	ELEVATION: 618 TDZE: 583 AIRPORT NAME: ST LOUIS LAMBERT INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 30L, AMDT 1D	SUP:
				AMDT: 1C
				DATED: 08/17/2017

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
--	--	--

PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: THRESHOLD DISPLACED 201 FEET. PRECIPITOUS TERRAIN EVALUATION COMPLETED. 2. KSTL ASOS ON WMSCR. 3. 24 HOUR ATC TOWER HAS REDUNDANT WEATHER SOURCES, BACK-UP ALTIMETER NOT REQUIRED. 5. VGSI DATA: 3.00/57.6. CRITICAL TEMPERATURES: CRITICAL LOW :-16C (+4F) CRITICAL HIGH :+54C (+130F) ACT :-16C APT ISA :+13.78C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1429 HIGH TEMP 1669. NO ADDITIONAL AIRSPACE REQUIRED. CIRCLING NOT AUTHORIZED PER ATC REQUEST. TAA NOT APPLIED IAW ATC REQUEST. LPV, LNAV/VNAV, AND LNAV INTERMEDIATE SEGMENTS HAVE THE SAME CONTROLLING OBSTACLES. INTERMEDIATE STEPDOWN PER ATC REQUEST. LPV SLOPE: 34:1 LNAV/VNAV: 23.4:1			
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING							
STL TOWER ZKC ARTCC STL APP CON				N W S	OTHER: ASOS		SOURCE:KSTL						
				F A A			DISTANCE:						
				A / C			HOURS REMOTE OPERATION: 0 / YES						
SATISFACTORY ON:			X	V H F	X	U H F		H F	LOCATION: KSTL		ADJUSTMENT: 0		
4. MONITOR STATUS		PRIMARY NAVAID:											
		MONITOR POINT:											
		HRS OPTN:	CAT 1		CAT 3								
5. APPROACH & RUNWAY LIGHTING		X	ALSF-2 11, 12L, 29, 30R										
			(S) SALS										
		X	MALSR 24 MALSR 06, 12R, 30L										
		X	HIRL 06, 11, 12L, 12R, 24, 29, 30L, 30R										
			MIRL										
		X	REIL 12L										
		X	TDZ 12L, 12R, 30R										
		X	C/L 11, 12L, 12R, 29, 30L, 30R										
6. RUNWAY MARKINGS			BASIC										
			ALL WEATHER PIR-G 06, 11, 12L, 12R, 24, 29, 30L, 30R										
			INSTRUMENT										
7. RUNWAY VISUAL RANGE			APPROACH 06, 11, 12L, 12R, 24, 29, 30L, 30R										
			MIDFIELD 11, 12L, 29, 30R										
			ROLL OUT 06, 11, 12L, 12R, 24, 29, 30L, 30R										
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD:582.8						
		DISTANCE FROM RWY:					ELEV GP ANTENNA:						
							THRESHOLD CROSSING HEIGHT:57.8						
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD							FT. FROM THRESHOLD		
			X	ON CENTERLINE							FT. FROM CENTERLINE		
10. WAIVERS: NONE													
PART D - PREPARED BY: PETER R. GUIMOND								DATE: 11/01/2017					
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5422					

