

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: RW30L  CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT GLASS AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD N, RT, 170.56 INBOUND. CHART FAS OBST: 524 TREE 383342N/0900717W CHART FAS OBST: 659 TREE 383232N/0900656W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.50 MILES TO RW30L* *LNAV ONLY. WAAS CHANNEL # 70521 REFERENCE PATH ID: W30A LTP HAE: 93.7 M					
TOY VORTAC	ILETE (FO)			182.23 / 16.83			2200								
GLASS	ILETE (FO)			043.10 / 27.27			2300								
SUGAR (IAF)	ILETE (NOPT) (FB)			232.31 / 6.44			2200								
ILETE (IF/IAF)	AYAVI (FB)			302.35 / 6.66			2100								
AYAVI (FAF)	WODPA/2.10 NM TO RW30L (FB)			302.28 / 3.04											
WODPA/2.10 NM TO RW30L (SEE FORM 8260-10)	RW30L (MAP) (FO)			302.24 / 2.10											
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE ILETE, RT, 302.35 INBOUND, 2200 FT. IN LIEU OF PT (IAF) 3. FAC: <u>302.28</u> FAF: <u>AYAVI</u> DIST FAF TO MAP: <u>5.14</u> THLD: <u>5.14</u> 4. MIN. ALT: ILETE 2200, AYAVI 2100, WODPA/2.10 NM TO RW30L 1120* 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>AYAVI 2100</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW30L 3000</u>										MAG VAR: 0E EPOCH YEAR: 2000					
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	609	1/2	200	609	1/2	200	609	1/2	200	609	1/2	200			
LNAV/VNAV DA	825	7/8	416	825	7/8	416	825	7/8	416	825	7/8	416			
LNAV MDA	940	1/2	531	940	1/2	531	940	1	531	940	1	531			
CIRCLING	940	1	527	940	1	527	1000	1 1/2	587	1080	2	667			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CAT C AND D VISIBILITY 3/8 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT D (SEE FORM 8260-10) @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE CAHOKIA/ST LOUIS, IL		ELEVATION: 413 THRE: 409 AIRPORT NAME: ST LOUIS DOWNTOWN		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30L, ORIG 30 JUN 2011						SUP: AMDT: NONE DATED			

QUALITY  
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CHECKED

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW30L (MAP)	1000 MSL	302.24	1000
1000 MSL	GLASS (FO)		3000

NOTES, (CONT.):

VISIBILITY 1/2 MILE.

CHART NOTE: VDP AND BARO-VNAV NA WITH LAMBERT-ST LOUIS INTL ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 41C (105F).

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT TOY VORTAC ON AIRWAY RADIALS 095 CW 263.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLASS ON V234 WESTBOUND AND ON V9-335 SOUTHBOUND AND ON V335 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SUGAR ON V44 EASTBOUND.

CHART NOTE: CIRCLING TO RWY 5, 30R, AND 23 NA AT NIGHT.

CHART NOTE: WHEN USING LAMBERT-ST. LOUIS INTL ALTIMETER SETTING; FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CATS C/D VISIBILITY TO 1 3/4 MILE.

QUALITY  
2  
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CITY AND STATE

CAHOKIA/ST LOUIS, IL

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THRE: 409

AIRPORT NAME:

ST LOUIS DOWNTOWN

FACILITY  
IDENTIFIER:

RNAV

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCPS
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	383349.5100N
LTP/FTP LONGITUDE	0900839.6600W
LTP/FTP ELLIPSOIDAL HEIGHT	+00937
FPAP LATITUDE	383437.0500N
FPAP LONGITUDE	0901015.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

860F42E8

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01245
FPAP ORTHOMETRIC HEIGHT	+01245

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**ARINC PACKET - 424-18 - RNAV (GPS)**[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCPSK5FR30L	AGLASS	010GLASSK3EA0E	IF						18000		A	JS
SUSAP	KCPSK5FR30L	AGLASS	020ILETEK5EA0EY	020TF		04310273	+	02300				A	JS
SUSAP	KCPSK5FR30L	AGLASS	030ILETEK5EA0EE	AR HF		30240040	+	02200				A	JS
SUSAP	KCPSK5FR30L	ASUGAR	010SUGARK5EA0E	A IF						18000		A	JS
SUSAP	KCPSK5FR30L	ASUGAR	020ILETEK5EA0EE	B 010TF		23230064	+	02200				A	JS
SUSAP	KCPSK5FR30L	ATOY	010TOY K5D 0V	IF						18000		A	JS
SUSAP	KCPSK5FR30L	ATOY	020ILETEK5EA0EY	020TF		18220168	+	02200				A	JS
SUSAP	KCPSK5FR30L	ATOY	030ILETEK5EA0EE	AR HF		30240040	+	02200				A	JS
SUSAP	KCPSK5FR30L	R	010ILETEK5EA0E	I IF			+	02200		18000		A	JS
SUSAP	KCPSK5FR30L	R	020AYAVIK5EA1E	F 051TF		30240067	+	02100			RW30L K5PGA	JS	
SUSAP	KCPSK5FR30L	R	020AYAVIK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KCPSK5FR30L	R	021WODPAK5EA0E	S 031TF		30230030	V	0112001132		-300		A	JS
SUSAP	KCPSK5FR30L	R	030RW30LK5PGOGY	M 031TF		30220021		00464		-300		A	JS
SUSAP	KCPSK5FR30L	R	040	0 M CA		3022	+	01000				A	JS
SUSAP	KCPSK5FR30L	R	050GLASSK3EA0EY	L DF			+	03000				A	JS
SUSAP	KCPSK5FR30L	R	060GLASSK3EA0EE	R HM		17060040	+	03000				A	JS

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KCPSK5GRW30L	0069973022	N38334951W090083966+0100											
-----													
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KCPSK5PR30L	RW30L001	0000W30A0N3833495100W09008396600+009370300N3834370500W09010157800106750616000550F400350860F42E8											
SUSAP KCPSK5PR30L	RW30L002E	+01245+01245LPV	70521										
-----													
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KCPSK5SRW30LK5PG	0	18018003025											M

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