

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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: RW16  CLIMB TO 2800 DIRECT ODUJY AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD S, RT, 338.51 INBOUND. CHART FAS OBST: 921 TOWER 384631N/0903048W. DISTANCE TO THLD FROM 461 HAT: 1.32 NM. WAAS CHANNEL # 50403 REFERENCE PATH ID: W16A CHART APT ELEV 463 LTP HAE: 106.1 M							
GUDRY (IAF)		AJUBA (NOPT) (TF) (FB) (RNP 1.00)			068.32 / 5.00			2700									
AJUBA (IF/IAF)		YIGGO (TF) (FB) (RNP 1.00)			158.38 / 6.05			2200									
YIGGO (FAF)		RW16 (MAP) (TF) (FO) (RNP 0.30)			158.41 / 5.29												
RW16 (MAP)		863 MSL (CA)			158.41												
863 MSL		ODUJY (DF) (FO) (RNP 1.00)						2800									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N AJUBA, RT, 158.38 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 158.41 FAF: YIGGO DIST FAF TO MAP: 5.29 THLD: 5.29 4. MIN. ALT: AJUBA 2700, YIGGO 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: YIGGO 2200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____										MAG VAR: 0E		EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A <input checked="" type="checkbox"/> X										
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	912	1 3/4	461	912	1 3/4	461		NA			NA						
LNAV/VNAV DA	1130	2	679	1130	2	679		NA			NA						
LNAV MDA	1160	1	709	1160	1	709		NA			NA						
CIRCLING	1160	1	697	1160	1	697		NA			NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE LAMBERT-ST. LOUIS INTL ALTIMETER SETTING. CHART PLANVIEW AND PROFILE NOTES: LNAV/VNAV - FLY VISUAL TO AIRPORT, 158-2.0 MILES.																	
CITY AND STATE		ELEVATION: 463 TDZE: 451			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1A					SUP:					
ST LOUIS, MO		AIRPORT NAME: CREVE COEUR										AMDT: 1					
												DATED 12/20/2007					



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></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>ZKC, STL APP CON, AMGR</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: Digitally signed by KISSY MAXFIELD KISSY MAXFIELD Oct 17, 2017				FIFO AJV-5412	DATE: 09/15/2017
APPROVED BY					
NAME: GEORGE E. DAVIS MANAGER				FIFO AJV-5410	DATE:
CHANGES:					
1. TAA RIGHT BASE TO GUDRY CHANGED FROM 2800 TO 3000. 2. UPDATED HELICOPTER NOTE TO INCLUDE RWY NUMBER AND 3/4 SM VISIBILITY. 3. ADDED CA LEG. 4. ADDED DF LEG.					
REASONS:					
1. NEW CONTROLLING OBS. 2. IAW 8260.19G, 8-6-5, I(3), 34:1 PENETRATIONS. 3, 4. REQUIRED FOR CODING.					



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

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TAA

	FROM	TO	ALT
1.	068/30 CW 248/30 (NOPT)	AJUBA (IF/IAF) (FB)	2700
2.	248/30 CW 338/30	AJUBA (IF/IAF) (FO)	2700
3.	338/30 CW 068/30	GUDRY (IAF) (FB)	3000



CITY AND STATE  
ST LOUIS, MO

ELEVATION: 463 TDZE: 451  
AIRPORT NAME:  
CREVE COEUR

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 16, AMDT 1A

SUP:  
AMDT: 1  
DATED: 12/20/2007

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div> <div></div>			
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	1H0
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	384353.8210N
LTP/FTP LONGITUDE	0903048.3040W
LTP/FTP ELLIPSOIDAL HEIGHT	+01061
FPAP LATITUDE	384230.8700N
FPAP LONGITUDE	0903006.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

76D3E51B

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01374
FPAP ORTHOMETRIC HEIGHT	+01374

QUALITY  
19  
CHECKED

CITY AND STATE

ST LOUIS, MO

ELEVATION: 463

TDZE: 451

AIRPORT NAME:

CREVE COEUR

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, AMDT 1A

SUP:

AMDT: 1

DATED: 12/20/2007

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
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

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	068/30 CW 248/30	AJUBA	1. TOWER (26-2688)	391545.00N/0910410.00W	1322 (5E)	1000	AT378	2700
			2. TERRAIN	390703.00N/0905127.00W	972 (1000)		AS1500	2500
STRAIGHT-IN AREA	248/30 CW 338/30	AJUBA	3. TOWER (26-0382)	383450.00N/0901945.00W	1649	1000	AT51	2700
			4. TERRAIN	385633.00N/0902003.00W	745 (700)		AS1500	2200
RIGHT BASE AREA	338/30 CW 068/30	GUDRY	5. TOWER (29-001023)	382139.70N/0903254.60W	1949	1000		3000
			6. TERRAIN	382748.00N/0903206.00W	949 (900)		AS1500	2400
INITIAL	GUDRY	AJUBA	7. AAO	385436.00N/0903606.00W	870 (4E)	1000	AT830	2700
			8. TERRAIN	385436.00N/0903606.00W	670 (700)		AS1500	2200
INTERMEDIATE	AJUBA (IF/IAF)	YIGGO	9. AAO	385345.00N/0903515.00W	880 (4E)	500	AC98	1500
			10. TERRAIN	385345.00N/0903515.00W	680 (700)		AS1500	2200
FINAL: LPV	YIGGO	RW16	11. TREE (K1H0L020)	384448.01N/0903109.95W	608 (1B)	27.03:1	RA39 AC10	912/461
FINAL: LNAV/VNAV	YIGGO	RW16	12. TREE	384539.93N/0903113.72W	749 (2C)	23.4:1	RA39 AC20	1130/679
FINAL: LNAV	YIGGO	RW16	13. TOWER (26-0371)	384631.00N/0903048.00W	921 (1A)	250	RA39 SA-68	1160
2. HOLD-IN-LIEU-OF-PT	AJUBA	P-5	14. TOWER (14-0809)	390243.00N/0903750.00W	1011 (4D)	1000	AT689	2700
			15. TERRAIN	390243.00N/0903750.00W	811 (800)		AS1500	2300
3. MISSED APPROACH	MAP: DA / DA / RW16	ODUJY				ASC		2800
	ELEV: 645/801/871		16. TOWER (26-0043)	383825.00N/0902901.00W	945 (4D)	1000		2000
			17. TERRAIN	384033.00N/0903157.00W	686 (700)		AS1500	2200
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.						
CATEGORY A	1.3 NM	REQUIRED 350	ACTUAL 697	18. TREE	384441.63N/0903206.86W	669 (2C)	300	SI 1160
CATEGORY B	1.5 NM	450	697	19. TREE	384453.43N/0903212.42W	709 (2C)	300	SI 1160
CATEGORY C	1.7 NM	450						
CATEGORY D	2.3 NM	550						
CATEGORY E	4.5 NM	550						
5. MINIMUM SAFE ALTITUDES	PRIMARY NAVAID:							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
CITY AND STATE	ELEVATION: 463			FACILITY	PROCEDURE AND AMENDMENT NO:			REGION
ST LOUIS, MO	AIRPORT NAME: CREVE COEUR			RNAV	RNAV (GPS) RWY 16, AMDT 1A			ACE

 QUALITY  
19  
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.														
STL FSS ZKC ARTCC STL APP CON							N W S		OTHER:  ASOS					SOURCE:KSTL					2. AWOS-3 IS ON SERVICE A. NO BACK-UP REQUIRED, MULTIPLE SOURCES AT AIRPORT. 3. ALTIMETER SETTING SOURCE: KSTL, DISTANCE: 7.38, HRS: 24, ADJ. 38.68 6. VGSI DATA: 3.00/40 VDP NA. ALTIMETER ADJUSTMENT IN USE.										
							F A A							DISTANCE: 6.61															
							A / C							HOURS REMOTE OPERATION:															
SATISFACTORY ON:										LOCATION: KSTL										ADJUSTMENT: 0									
4. MONITOR STATUS		PRIMARY NAVAID:								RASS (PRESSURE PATTERNS ARE THE SAME) K1H0 463.0 KSTL 618.0																			
		MONITOR POINT:																											
		HRS OPTN:		CAT 1				CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS								GUDRY 3852.605N-09042.096W AJUBA 3854.452N-09036.144W YIGGO 3848.817N-09033.290W RW16 3843.897N-09030.805W ODUJY 3832.655N-09025.153W  ISA DEVIATION: -30  INTERMEDIATE OBSTACLES SAME FOR ALL FINAL TYPES.  LPV INNER SLOPE 27.03:1 OUTER SLOPE: 34:1  LNAV/VNAV INNER SLOPE: 23.4:1 OUTER SLOPE: 34:1  HORIZONTAL & VERTICAL A/C APPLIED IN LNAV/VNAV FINAL.  DEVIATION FROM STANDARD T DESIGN REQUESTED BY ST. LOUIS APPROACH CONTROL FOR OPERATIONAL REQUIREMENTS.  34:1 PENETRATIONS 618 (K1H0L020) TREE 384448.01N/0903109.95W, PENETRATES 4.55 FT 616 (K1H0L019) TREE 384448.25N/0903106.96W, PENETRATES 4.44 FT 565 (K1H0L018) TREE 384431.85N/0903059.15W, PENETRATES 5.49 FT 524 (K1H0L015) TREE 384411.18N/0903100.78W, PENETRATES 20.28 FT 525 (K1H0L011) TREE 384409.57N/0903100.99W, PENETRATES 25.55 FT  NEW CAT B CIRCLING CONTROLLING OBST, ORIG PROCEDURE CONTROLLING OBST NOT LOCATED WITHIN CIRCLING AREAS.  100' TREE HEIGHT USED, CONCURRENT WITH PREVIOUS PROCEDURE.  LNAV OBST LOCATED 1275.33 FT. INTO SECONDARY.  RNP PFAF NOT USED BECAUSE K1H0 IS A NON-PART 139 AIRPORT.																	
				(S) SALS																									
				MALS																									
				HIRL																									
		X		MIRL 16 (PCL), 34 (PCL)																									
		X		REIL 16 (PCL), 34 (PCL)																									
				TDZ																									
				C/LINE																									
X		OTHER (SPECIFY) PAPI-4L 16, 34																											
6. RUNWAY MARKINGS		BASIC								34:1 PENETRATIONS 618 (K1H0L020) TREE 384448.01N/0903109.95W, PENETRATES 4.55 FT 616 (K1H0L019) TREE 384448.25N/0903106.96W, PENETRATES 4.44 FT 565 (K1H0L018) TREE 384431.85N/0903059.15W, PENETRATES 5.49 FT 524 (K1H0L015) TREE 384411.18N/0903100.78W, PENETRATES 20.28 FT 525 (K1H0L011) TREE 384409.57N/0903100.99W, PENETRATES 25.55 FT																			
		ALL WEATHER																											
		INSTRUMENT NPI-G 16, 34																											
7. RUNWAY VISUAL RANGE		APPROACH								NEW CAT B CIRCLING CONTROLLING OBST, ORIG PROCEDURE CONTROLLING OBST NOT LOCATED WITHIN CIRCLING AREAS.																			
		MIDFIELD																											
		ROLL OUT																											
8. GLIDE PATH		GP ANGLE: 3.00					ELEV RWY THRESHOLD:450.9					100' TREE HEIGHT USED, CONCURRENT WITH PREVIOUS PROCEDURE.																	
		DISTANCE FROM RWY:					ELEV GP ANTENNA:																						
							THRESHOLD CROSSING HEIGHT:40.0																						
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD					FT. FROM THRESHOLD					100' TREE HEIGHT USED, CONCURRENT WITH PREVIOUS PROCEDURE.													
				X		ON CENTERLINE					FT. FROM CENTERLINE																		
10. WAIVERS: NONE																													
PART D - PREPARED BY: KISSY MAXFIELD										DATE: 09/15/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																			

