

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: RW31												
IRXEF (IF/IAF)				UTENE (TF) (FB) (RNP 1.00)				306.80 / 8.00				2000		CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT IRXEF AND HOLD.												
UTENE (FAF)				ZAMEP/2.60 NM TO RW31 (TF) (FB) (RNP 0.30)				306.73 / 2.62																		
ZAMEP/2.60NM TO RW31				RW31 (MAP) (TF) (FO) (RNP 0.30)				306.73 / 2.60																		
RW31 (MAP)				1000 MSL (CA)				306.73				1000														
1000 MSL				IRXEF (DF) (FO) (RNP 1.00)								3000		ADDITIONAL FLIGHT DATA: CHART FAS OBST: 457 ANT 325833N/0822108W DISTANCE TO THLD FROM 250 HAT: 0.72 NM. CHART VDP AT 1.03 NM TO RW31* *LNAV ONLY. WAAS CHANNEL # 90439 REFERENCE PATH ID: W31A CHART CIRCLING ICON. CHART BULLDOG A & B MOA. CHART BULLDOG B & C MOA. LTP HAE: 60.7 M												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	MAG VAR: 3W EPOCH YEAR: 1985									
2. HOLD SE IRXEF, RT, 306.80 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																										
3. FAC: 306.73 FAF: UTENE DIST FAF TO MAP: 5.22 THLD: 5.22																										
4. MIN. ALT: IRXEF 3000, UTENE 2000, ZAMEP/2.60 NM TO RW31 1160*																										
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																										
6. MIN GS INCPT: 2000 GS ALT AT: UTENE 2000 OM: _____ MM: _____ IM: _____																										
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR																										
8. MSA FROM: _____																										
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	569	1	250	569	1	250	569	1	250	569	1	250														
LNAV/VNAV DA	641	1 1/4	322	641	1 1/4	322	641	1 1/4	322	641	1 1/4	322														
LNAV MDA	720	1	401	720	1	401	720	1 1/8	401	720	1 1/8	401														
CIRCLING																										
	840	1	512	980	1	652	980	1 3/4	652	980	2	652														
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (-4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																										
CITY AND STATE LOUISVILLE, GA				ELEVATION: 328 TDZE: 319 AIRPORT NAME: LOUISVILLE MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG					SUP: AMDT: NONE DATED:											



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE CONCURRENT	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>
OTHER (specify)				<input checked="" type="checkbox"/> ZTL, AGS APP CON, AMGR	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
HOWARD L. HAWKINS, JR.				AJV-5433	06/03/2016
APPROVED BY					
NAME:				FIFO	DATE:
PATRICK MULQUEEN				AJV-5430	
CHANGES:					
REASONS:					
EFFECTIVE CONCURRENT WITH: DOCKET # 15-ASO-4.					



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.	217/30 CW 037/30 (NOPT)	IRXEF (IF/IAF) (FB)	3000
2.	037/30 CW 217/30	IRXEF (IF/IAF) (FO)	3000



CITY AND STATE

LOUISVILLE, GA

ELEVATION: 328

TDZE: 319

AIRPORT NAME:

LOUISVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG

SUP:

AMDT: NONE

DATED:

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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2J3
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	325855.6345N
LTP/FTP LONGITUDE	0822240.8420W
LTP/FTP ELLIPSOIDAL HEIGHT	+00607
FPAP LATITUDE	325945.1330N
FPAP LONGITUDE	0822408.9990W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
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>	 828C45A9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00895
FPAP ORTHOMETRIC HEIGHT	+00895

QUALITY
18
CHECKED

CITY AND STATE LOUISVILLE, GA	ELEVATION: 328 AIRPORT NAME: LOUISVILLE MUNI	TDZE: 319	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG	SUP:
					AMDT: NONE
					DATED:

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		217/30 CW 037/30		IRXEF		1. TOWER (13-001583)		324554.67N/0813857.55W		821 (5D)		1000		DG1179		3000			
						2. TERRAIN		325736.00N/0815545.00W		378 (400)				AS1500		1900			
STRAIGHT-IN AREA		037/30 CW 217/30		IRXEF		3. TOWER (13-000319)		331533.00N/0821707.40W		1889 (5D)		1000		DG111		3000			
						4. TERRAIN		331457.00N/0822948.00W		535 (500)				AS1500		2000			
INTERMEDIATE		IRXEF (IF/IAF)		UTENE		5. AAO		325624.00N/0821515.00W		542 (4D)		500		DG958		2000			
						6. TERRAIN		325624.00N/0821515.00W		342 (300)				AS1500		1800			
FINAL: LPV		UTENE		RW31		7. TREE (K2J3T000369)		325846.45N/0822234.38W		325 (1A)		34:1				569/250			
FINAL: LNAV/VNAV		UTENE		RW31		8. TREE (K2J3T000481)		325850.26N/0822259.68W		386 (1A)		161		MA94		641/322			
FINAL: LNAV		UTENE		ZAMEP/2.60 NM TO RW31		9. AAO		325648.00N/0821806.00W		506 (4D)		250		AC23 DG281 RA100		1160			
FINAL: LNAV STEPDOWN		ZAMEP/2.60 NM TO RW31		RW31		10. ANT (K2J3T000400)		325833.15N/0822107.94W		457 (1A)		250				720			
2. HOLD-IN-LIEU-OF-PT		IRXEF		P-5		11. TOWER (13-002233)		324903.45N/0815851.50W		677 (2C)		1000		DG1323		3000			
						12. TERRAIN		325609.00N/0821000.00W		299 (300)				AS1500		1800			
3. MISSED APPROACH	MAP:		DA / DA / RW31		IRXEF		13. TANK (13-001175)		325929.00N/0822303.00W		489 (5D)		ASC				3000		
	ELEV:		357/535/620				14. TOWER (13-000627)		325256.00N/0822447.00W		748 (2C)		1000				1800		
							15. TERRAIN		325109.00N/0823351.00W		394 (400)				AS1500		1900		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	512	13. TANK (13-001175)		325929.00N/0822303.00W		489 (5D)		300		AC50 840			
CATEGORY B		1.5 NM			450		652	16. TOWER (13-000652)		330045.00N/0822340.00W		626 (4D)		300		AC50 980			
CATEGORY C		1.7 NM			450		652	16. TOWER (13-000652)		330045.00N/0822340.00W		626 (4D)		300		AC50 980			
CATEGORY D		2.3 NM			550		652	16. TOWER (13-000652)		330045.00N/0822340.00W		626 (4D)		300		AC50 980			
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) M S A			
CITY AND STATE				ELEVATION: 328				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
LOUISVILLE, GA				AIRPORT NAME: LOUISVILLE MUNI				RNAV				RNAV (GPS) RWY 31, ORIG				ASO			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. WHEN LOCAL ALTIMETER NOT RECEIVED USE DANIEL FIELD ALTIMETER SETTING : INCREASE LPV DA TO 660 FT, LNAV/VNAV DA TO 782 FT AND ALL VISIBILITIES 3/8 SM. INCREASE ALL MDA'S 100 FT AND ALL CAT C/D VISIBILITIES 1/2 SM. BARO-VNAV AND VDP NA WHEN USING DANIEL FIELD ALTMEER SETTING. CRITICAL TEMPERATURES: CRITICAL LOW :-15C (-4F) CRITICAL HIGH :+54C (+130F) ACT :-30C APT ISA :-14.351C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 958 HIGH TEMP 1118. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.82NM CAT C: 2.85NM CAT D: 3.73NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME K2J3 327.9, KDNL 422.1 RA = 90.53. K2J3 AND KDNL ON WMSCR. VGSI DATA: 3.65/26.5			
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING							
AGS APP CON ZTL ARTCC				N W S	OTHER: AWOS-3PT		SOURCE:K2J3 / KDNL						
				F A A			DISTANCE: 0 / 33.63						
				A / C			HOURS REMOTE OPERATION: 24 / YES						
SATISFACTORY ON:			X	V H F	X	U H F		H F	LOCATION: K2J3		ADJUSTMENT: 0 / 91		
4. MONITOR STATUS		PRIMARY NAVAID:											
		MONITOR POINT:											
		HRS OPTN:	CAT 1		CAT 3								
5. APPROACH & RUNWAY LIGHTING													
		X											
		X											
6. RUNWAY MARKINGS													
7. RUNWAY VISUAL RANGE													
8. GLIDE PATH													
9. FINAL APPROACH COURSE AIMING													
10. WAIVERS: NONE													
PART D - PREPARED BY: HOWARD L. HAWKINS, JR.										DATE: 06/03/2016			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5433			

