

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: RW18 CLIMB TO 3000 DIRECT HEMUX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.48 INBOUND. CHART FAS OBST: 267 TOWER 302614N/0842104W DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.20 NM TO RW18* *LNAV ONLY. WAAS CHANNEL # 65600 REFERENCE PATH ID: W18A CHART CIRCLING ICON. CHART: ASR. LTP HAE: -2.5 M									
CUSTI (IAF)		CIGAY (NOPT) (TF) (FB) (RNP 1.00)			274.54 / 6.30			3000											
JAKAV (IAF)		CIGAY (NOPT) (TF) (FB) (RNP 1.00)			094.42 / 6.30			3000											
CIGAY (IF/IAF)		JAPMA (TF) (FB) (RNP 1.00)			184.48 / 6.13			2000											
JAPMA (FAF)		XEGXY/2.50 NM TO RW18 (TF) (FB) (RNP 0.30)			184.48 / 3.35														
XEGXY/2.50 NM TO RW18 (SEE FORM 8260-10)		RW18 (MAP) (TF) (FO) (RNP 0.30)			184.48 / 2.50														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N CIGAY, RT, 184.48 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 184.48 FAF: JAPMA DIST FAF TO MAP: 5.85 THLD: 5.85 4. MIN. ALT: CIGAY 3000, JAPMA 2000, XEGXY/2.50 NM TO RW18 920* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: JAPMA 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR 8. MSA FROM: _____																MAG VAR: 5W		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	333	3/4	250	333	3/4	250	333	3/4	250	333	3/4	250							
LNAV/VNAV DA	528	1 1/2	445	528	1 1/2	445	528	1 1/2	445	528	1 1/2	445							
LNAV MDA	520	1	437	520	1	437	520	1 1/4	437	520	1 1/4	437							
CIRCLING	580	1	497	600	1	517	640	1 1/2	557	780	2 1/4	697							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7C (20F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA.																			
CITY AND STATE TALLAHASSEE, FL		ELEVATION: 83 TDZE: 83 AIRPORT NAME: TALLAHASSEE INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 2A						SUP: AMDT: 2 DATED 05/26/2016							

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>		ZJX, TLH APP CON, TLH ATCT, AMGR			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
Digitally signed by DEVELOPED BY					
NAME:				FIFO	DATE:
MIKE MELSSEN MIKE MELSSEN Jul 22, 2017				AJV-5412	04/29/2017
APPROVED BY					
NAME:				FIFO	DATE:
GEORGE E. DAVIS MANAGER				AJV-5410	
CHANGES:					
<div>1. ADDED 2 DEGREES TO ALL COURSES, HOLDING PATTERN, COURSE REVERSAL, FAC (LINE 2), TAA SECTOR.</div> <div>2. REMOVED BACKUP ALTIMETER SETTING NOTES.</div> <div>3. LPV DA/HAT CHANGED FROM 283/200 TO 333/250.</div> <div>4. LNAV/VNAV DA/HAT CHANGED FROM 498/415 TO 528/445.</div> <div>5. CHANGED FROM DIST TO THLD FROM 200 HAT: 0.45 NM TO DIST TO THLD FROM 250 HAT: 0.61 NM.</div> <div>6. LNAV/VNAV VISIBILITY CHANGED FROM 1 3/8 TO 1 1/2.</div> <div>7. CRC REMAINDER CHANGED FROM 4949D420 TO B6B6F90D.</div> <div>8. CA ALTITUDE CHANGED FROM 283 TO 333 IN THE MISSED APPROACH.</div> <div>9. CHANGED CIRCLING CAT B MDA/HAA FROM 580/497 TO 600/517.</div>					
REASONS:					
<div>1. KTLH MAG VAR CHANGED FROM 3W TO 5W.</div> <div>2. REDUNDANT WEATHER AVAILABLE (NWS); QUINCY AWOS NOT ON WMSCR.</div> <div>3. NEW LPV CONTROLLING OBSTACLE - 142 MSL TREE.</div> <div>4. NEW LNAV/VNAV CONTROLLING OBSTACLE - 230 MSL TREE.</div> <div>5. PER VISCHECK CALCULATOR - HAT CHANGED FROM 200 TO 250 DUE TO NEW LPV CONTROLLING OBSTACLE.</div> <div>6. PER VISCHECK CALCULATOR - LNAV/VNAV DA INCREASED DUE TO NEW CONTROLLING OBSTACLE.</div> <div>7. VERTICAL ALERT LIMIT CHANGED FROM 35.0 TO 50.0.</div> <div>8. DA CHANGED FROM 283 TO 333.</div> <div>9. NEW CONTROLLING OBSTACLE.</div>					



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
RW18 (MAP)	333 MSL (CA)	184.48	

333 MSL	HEMUX (DF) (FO) (RNP 1.00)		3000
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TAA

	FROM	TO	ALT
1.	094/30 CW 274/30 (NOPT)	094/16 CW 274/16	3300
2.	094/16 CW 274/16	CIGAY (IF/IAF) (FB)	3000
3.	274/30 CW 004/30	274/12 CW 004/12	3300
4.	274/12 CW 004/12	CUSTI (IAF) (FB)	3000
5.	004/30 CW 094/30	JAKAV (IAF) (FB)	3000

QUALITY
4
CHECKED

CITY AND STATE
TALLAHASSEE, FL

ELEVATION: 83 TDZE: 83
AIRPORT NAME:
TALLAHASSEE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 2A

SUP:
AMDT: 2
DATED: 05/26/2016

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:					

**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	KTLH
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	302444.9390N
LTP/FTP LONGITUDE	0842132.3385W
LTP/FTP ELLIPSOIDAL HEIGHT	-00025
FPAP LATITUDE	302315.6335N
FPAP LONGITUDE	0842131.4040W
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)	50.0
 <u>CRC REMAINDER</u>	 B6B6F90D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00253
FPAP ORTHOMETRIC HEIGHT	+00253

QUALITY
4
CHECKED

CITY AND STATE TALLAHASSEE, FL	ELEVATION: 83 TDZE: 83 AIRPORT NAME: TALLAHASSEE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 2A	SUP:
				AMDT: 2
				DATED: 05/26/2016

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:					

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		094/30 CW 274/30		094/16 CW 274/16		1. TOWER (13-001353)		304014.00N/0835626.00W		2222 (5D)		1000				3300	
						2. TERRAIN		305424.00N/0842157.00W		381 (400)				AS1500		1900	
STRAIGHT-IN AREA		094/16 CW 274/16		CIGAY		3. TOWER (13-001504)		304749.71N/0841927.10W		1062 (1A)		1000		AT938		3000	
						2. TERRAIN		305424.00N/0842157.00W		381 (400)				AS1500		1900	
LEFT BASE AREA		274/30 CW 004/30		274/12 CW 004/12		1. TOWER (13-001353)		304014.00N/0835626.00W		2221 (5D)		1000				3300	
						4. TERRAIN		303239.00N/0835245.00W		299 (300)				AS1500		1800	
LEFT BASE AREA		274/12 CW 004/12		CUSTI		5. TOWER (12-001975)		303443.00N/0841547.00W		1048 (3D)		1000		AT952		3000	
						6. TERRAIN		303221.00N/0841709.00W		296 (300)				AS1500		1800	
RIGHT BASE AREA		004/30 CW 094/30		JAKAV		7. TOWER (12-004697)		302132.00N/0843638.00W		949 (5D)		1000		AT1051		3000	
						8. TERRAIN		303857.00N/0843345.00W		335 (300)				AS1500		1800	
INITIAL		CUSTI		CIGAY		5. TOWER (12-001975)		303443.00N/0841547.00W		1048 (3D)		1000		AT862		3000	
						9. TERRAIN		303554.00N/0841809.00W		289 (300)				AC1500		1800	
INITIAL		JAKAV		CIGAY		10. AAO		303506.00N/0842703.00W		506 (3E)		1000		AT1494		3000	
						11. TERRAIN		303506.00N/0842703.00W		306 (300)				AS1500		1800	
2. HOLD-IN-LIEU-OF-PT		CIGAY		P-5		18. TOWER (13-001144)		304154.00N/0842312.00W		599 (4D)		1000		AT1401		3000	
						19. TERRAIN		304642.00N/0842454.00W		319 (300)				AS1500		1800	
3. MISSED APPROACH	MAP:		DA / DA / RW18		HEMUX						ASC				3000		
	ELEV:		144/367/420				20. TOWER (12-026801)		301148.93N/0842241.55W		447 (2C)		1000		1500		
						21. TERRAIN		302012.00N/0842321.00W		109 (100)				AS1500		1600	
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	497	22. POLE (12-023748)		302534.70N/0842208.83W		266 (1A)		300		580	
CATEGORY B		1.5 NM			450		517	23. TREE		302558.00N/0842304.00W		297 (2C)		300		600	
CATEGORY C		1.7 NM			450		557	24. TOWER (12-003977)		302457.00N/0841805.00W		323 (1A)		300		640	
CATEGORY D		2.3 NM			550		697	25. TOWER (12-000640)		302309.71N/0841633.39W		476 (1A)		300		780	
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: 83		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION									
TALLAHASSEE, FL		AIRPORT NAME: TALLAHASSEE INTL		RNAV		RNAV (GPS) RWY 18, AMDT 2A		ASO									

QUALITY
4

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. KTLH ASOS ON WMSCR. VGSI DATA: 3.00/55.0. NOTE: INITIAL TURNS WERE COMPUTED WITH A 25 DEGREE ANGLE OF BANK TO KEEP INITIAL LEGS AS SHORT AS POSSIBLE PER ATC REQUEST. CRITICAL TEMPERATURES: CRITICAL LOW :-7C (+20F) CRITICAL HIGH :+54C (+130F) ACT :-7C APT ISA :+14.8356C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 3-YEAR HISTORY CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1115. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM NO ADDITIONAL AIRSPACE REQUIRED. 100 FOOT TREES USED PER EASTERN FPT. LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 22.38:1																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
ZJX ARTCC TLH TOWER TLH APP CON				X	N W S	OTHER: ASOS			SOURCE:KTLH																				
									DISTANCE:																				
									HOURS REMOTE OPERATION: 24																				
SATISFACTORY ON:																													
X	V H F	X	U H F		H F	LOCATION: KTLH														ADJUSTMENT: 0									
4. MONITOR STATUS	PRIMARY NAVAID:																												
	MONITOR POINT:																												
	HRS OPTN:	CAT 1																											
						CAT 3																							
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 27																											
		(S) SALS																											
	X	MALSR 36 (PCL)																											
		HIRL 09 (PCL), 18 (PCL), 27 (PCL), 36 (PCL)																											
		MIRL																											
		X	REIL 09 (PCL), 18 (PCL)																										
	X		TDZ 27																										
		X	C/L 09, 27																										
	X		OTHER (SPECIFY) PAPI-4L 09 (PCL), 18 (PCL), 27 (PCL), 36 (PCL)																										
6. RUNWAY MARKINGS		BASIC																											
		ALL WEATHER PIR-G 09, 18, 27, 36																											
		INSTRUMENT																											
7. RUNWAY VISUAL RANGE		APPROACH 09, 27, 36																											
		MIDFIELD																											
		ROLL OUT 09, 18, 27																											
8. GLIDE PATH		GP ANGLE: 3.00						ELEV RWY THRESHOLD: 83.0																					
		DISTANCE FROM RWY:						ELEV GP ANTENNA:																					
								THRESHOLD CROSSING HEIGHT: 55.0																					
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD							FT. FROM THRESHOLD																		
				X	ON CENTERLINE							FT. FROM CENTERLINE																	
10. WAIVERS: NONE																													
PART D - PREPARED BY: MIKE MELSSEN										DATE: 04/29/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																			



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING										ALS	
										(S) SALS	
										MALS	
										HIRL	
										MIRL	
										REIL	
										TDZ	
										C/LINE	
6. RUNWAY MARKINGS										OTHER (SPECIFY)	
		BASIC									
		ALL WEATHER									
7. RUNWAY VISUAL RANGE		INSTRUMENT									
		APPROACH									
		MIDFIELD									
8. GLIDE PATH		ROLL OUT									
		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD				FT. FROM THRESHOLD			
				ON CENTERLINE				FT. FROM CENTERLINE			
10. WAIVERS:											
PART D - PREPARED BY:						DATE:					
TITLE:						OFFICE:					

