

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> TALLAHASSEE INTL	<u>AIRPORT ID</u> KTLH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> TALLAHASSEE	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 83	<u>TDZE</u> 83	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 094/30 CW 274/30	NOPT	094/16 CW 274/16		3300
2. 094/16 CW 274/16		CIGAY	IF/IAF	3000
3. 274/30 CW 004/30		274/12 CW 004/12		3300
4. 274/12 CW 004/12		CUSTI	IAF	3000
5. 004/30 CW 094/30		JAKAV	IAF	3000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CUSTI	IAF	CIGAY	NOPT	TF	FB	1.00	274.54	6.30	3000
JAKAV	IAF	CIGAY	NOPT	TF	FB	1.00	094.42	6.30	3000
CIGAY	IF/IAF	JAPMA		TF	FB	1.00	184.48	6.13	2000
JAPMA	FAF	XEGXY/2.50 NM TO RW18		TF	FB	0.30	184.48	3.35	
XEGXY/2.50 NM TO RW18		RW18	MAP	TF	FO	0.30	184.48	2.50	
RW18	MAP	333 MSL		CA			184.48		
333 MSL		HEMUX		DF	FO	1.00			3000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT HEMUX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

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), MAX 6000.
3. FAC: 184.48 FAF: JAPMA DIST FAF TO MAP: 5.85 DIST FAF TO 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: 250 HAT: 0.61 GS ANT:
6. MIN GP INCPT: 2000 GP ALT AT FAF : JAPMA 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 55.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART: ASR.
CHART CIRCLING ICON.
CHART VDP AT 1.19 NM TO RW18*
*LNAV ONLY
WAAS CHANNEL #65600
REFERENCE PATH ID: W18A
CHART FAS OBST: 270 ANTENNA 302615N/0842104W.
HOLD S, RT, 004.48 INBOUND
LTP HAE: -2.4 M



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/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	537	1 1/2	454	537	1 1/2	454	537	1 1/2	454	537	1 1/2	454			
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	800	2 1/4	717			

CHANGES - REASONS

1. UPDATED LNAV/VNAV DA FROM 528/HAT 445 ALL CATS TO DA 537/HAT 454 ALL CATS - NEW LNAV/VNAV FINAL CONTROLLING OBSTACLE.
2. UPDATED CIRCLING CAT D MDA FROM 780/HAA 697 TO MDA 800/HAA 717 - NEW CIRCLING CAT D CONTROLLING OBSTACLE.
3. DELETED NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - REFERENCE REVISED CRITERIA.
4. CHANGED 34:1 FROM IS CLEAR TO IS NOT CLEAR AND ADDED 20:1 IS CLEAR TO LINE #7 OF THE 8260-3 - REFERENCE 8260.19H CRITERIA ONLY 34:1 VISUAL SURFACE PENETRATIONS EXIST WITH NO 20:1 VISUAL SURFACE PENETRATIONS.
5. UPDATED BARO-VNAV NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -7C (20F) OR ABOVE 54C (130F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5C OR ABOVE 54C - FAHRENHEIT NO LONGER REQUIRED AND UPDATED WEATHER STUDY.
6. UPDATED FAS DATA BLOCK INFORMATION AS FOLLOWS: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 302444.9390N-0842132.3385W TO 302444.9380N-0842132.3375W, FPAP LATITUDE/LONGITUDE FROM 302315.6335N-0842131.4040W TO 302315.6325N-0842131.4020W AND CRC REMAINDER CHANGED FROM B6B6F90D TO 9CAC7E73 - NEW AND OR UPDATED DATA BASE.
7. UPDATED ADDITIONAL FLIGHT DATA CHART FAS OBSTACLE FROM 267 TOWER 302614N/0842104W TO 270 ANTENNA 302615N/0842104W - NEW AND OR UPDATED CONTROLLING OBSTACLE.
8. UPDATED VDP DISTANCE TO RW 18* FROM 1.20 NM TO 1.19 NM - CALCULATIONS BASED ON NEW OR UPDATED DATA.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, TLH APP CON, TLH ATCT, AMGR.

FLIGHT CHECKED BY

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DEVELOPED BY

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May 16, 2019

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Jan 30, 2019

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May 16, 2019

OFFICE

FICO

OFFICE

AJV-A433

OFFICE

AJV-A430

DATE

5/14/19

DATE

01/30/2019

DATE

TITLE
MANAGER



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	302444.9380N
LTP/FTP LONGITUDE	0842132.3375W
LTP/FTP ELLIPSOIDAL HEIGHT	-00024
FPAP LATITUDE	302315.6325N
FPAP LONGITUDE	0842131.4020W
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
CRC REMAINDER	9CAC7E73

ADDITIONAL PATH POINT RECORD INFORMATION

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