Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/05/2011	Task #: 2010080920273501006	Request #: 20100809202735
Procedure: VOR RWY 18 AMDT 12		Airport ID: KTLH	Airport: TALLAHASSEE RGNL		Reimbursable #:
City: TALLAHASSEE	ST: FL	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID:	Fac. Type: Proc-A	Specialist: PETER GUIMOND			

P1

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/23/2012	07/30/2012	MARLON ROBINSON	
QA:	07/30/2012	08/09/2012	STEVEN SZUKALA	
Liaison:	08/09/2012		K. Spurlin	P1

Procedure Comments:

Remark Type: INFORMATION

PKG 7 of 10

TALLAHASSEE, FL TALLAHASSEE RGNL (KTLH) VOR RWY 18, AMDT 12 ENROUTE-NO FC BY 10/2/12 PUB 11/15/12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9
8260-2(S): SZW VTAC, FL-REV 17; WAPIM INT,FL-REV 1

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.

VORTAC SZW	APP CRS	Rwy ldg	6076
117.5	173°	THRE	83
Chan 122		Apt Elev	83

NEW

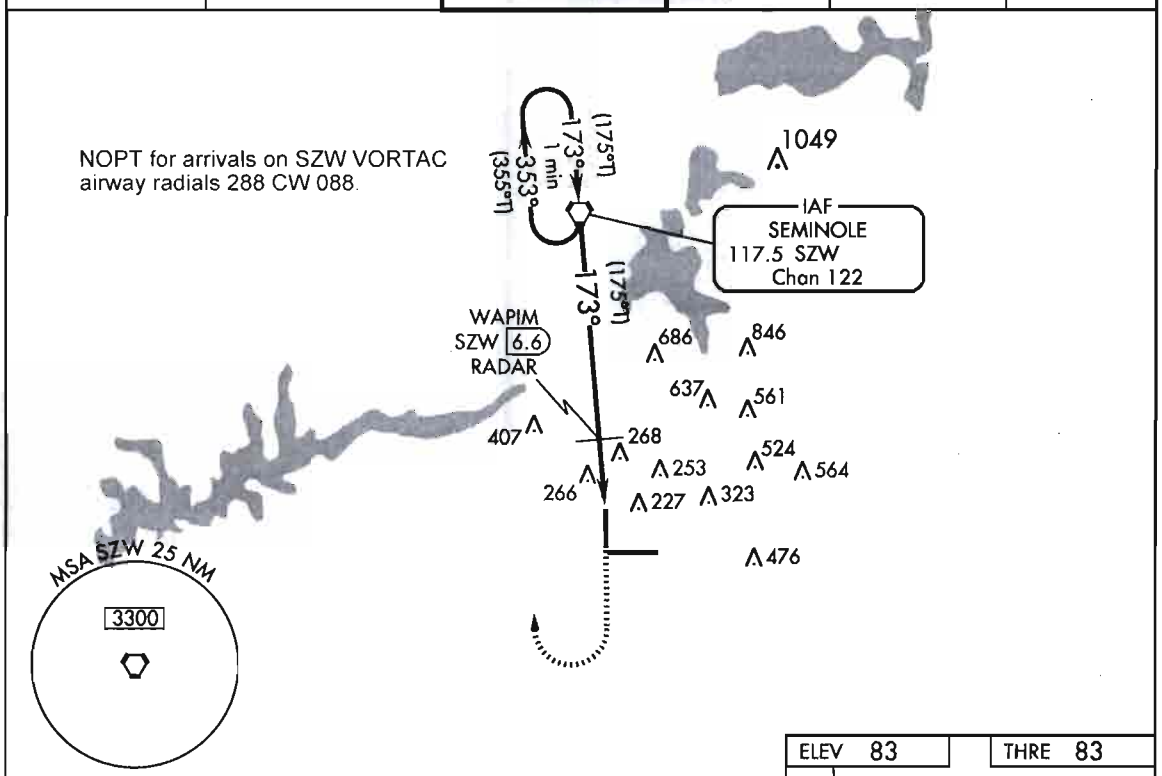
VOR RWY 18
TALLAHASSEE RGNL (TLH)

ASR

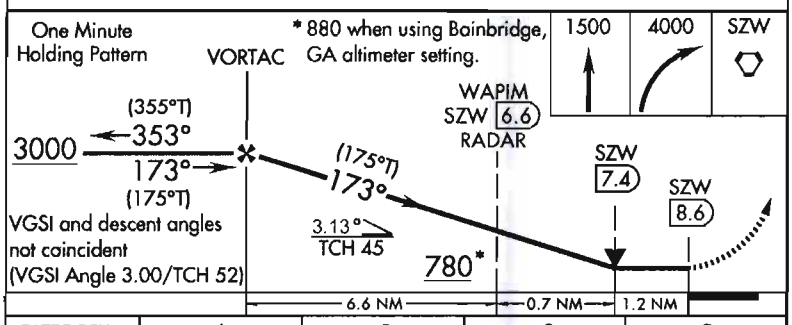
Visibility reduction by helicopters NA When local altimeter setting not received, use Bainbridge altimeter setting and increase all MDA 100 feet. Increase S-18 Cat B and Circling Cats B/D visibility ¼ mile and S-18 Cats C/D and Circling Cat C visibility ½ mile. Increase WAPIM fix minimums S-18 Cats C/D and Circling Cat C visibility ¼ mile. VDP NA with Bainbridge altimeter setting.

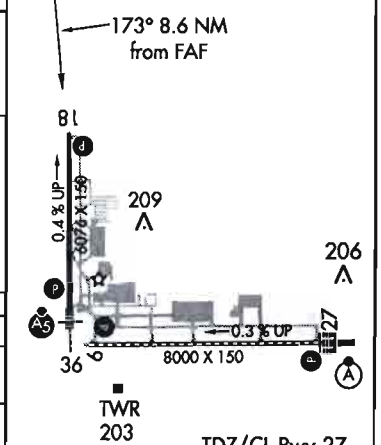
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct SZW VORTAC and hold.

ATIS	TALLAHASSEE APP CON★	TALLAHASSEE TOWER★	GND CON	CLNC DEL	UNICOM
119.45 239.25	135.8 317.4	118.7(CTAF) 257.8	121.9 348.6	126.65 275.8	122.95



ELEV 83	THRE 83



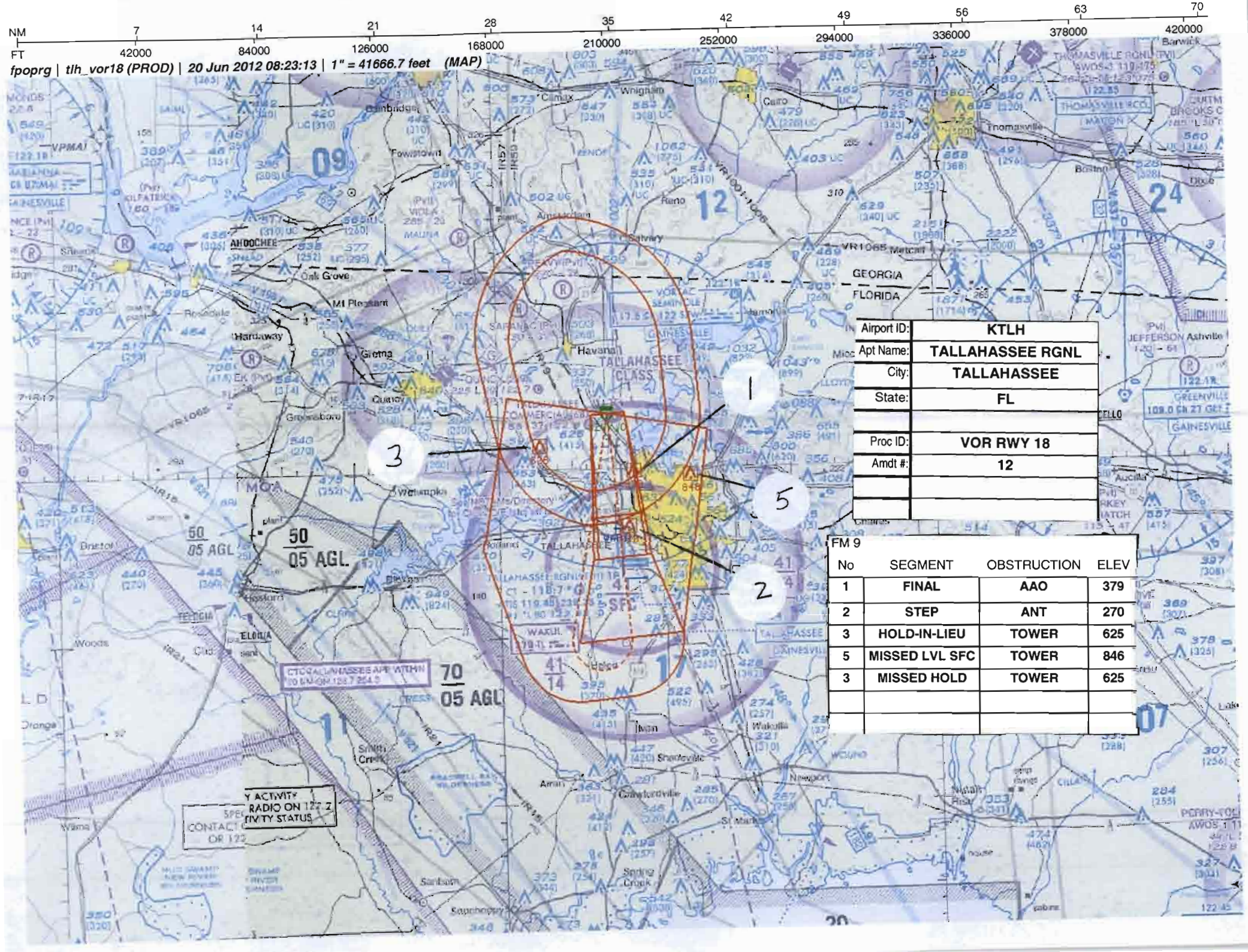


TDZ/CL Rwy 27
REIL Rwys 9 and 18
HIRL Rwys 9-27 and 18-36

CATEGORY	A	B	C	D
S-18	780-1	697 (700-1)	780-2	697 (700-2)
CIRCLING	780-1	697 (700-1)	780-2 697 (700-2)	780-2¼ 697 (700-2¼)
WAPIM FIX MINIMUMS				
S-18	540-1	457 (500-1)	540-1⅜	457 (500-1⅜)
CIRCLING	580-1	497 (500-1)	580-1½ 497 (500-1½)	640-2 557 (600-2)

FAF to MAP 8.6 NM

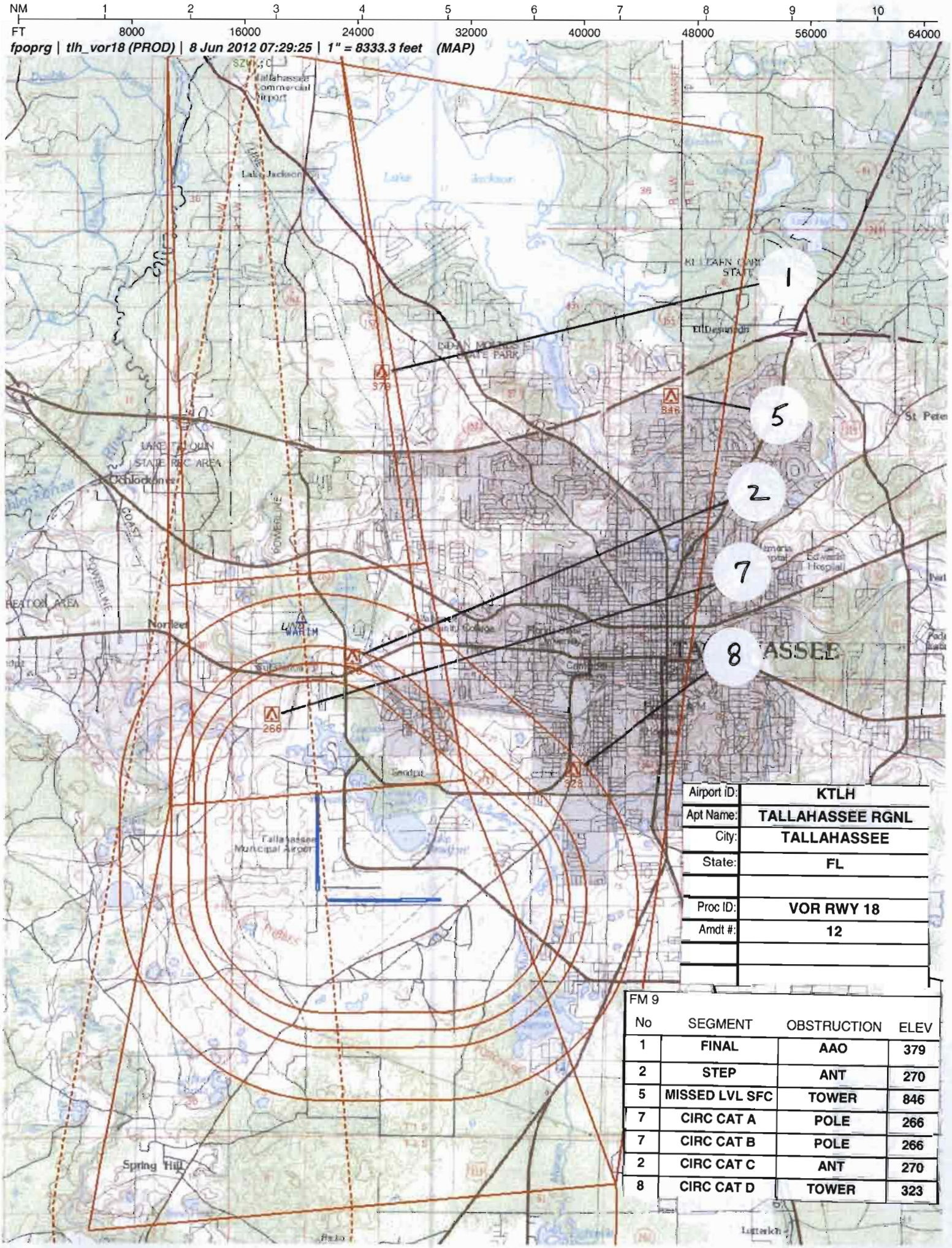
Knots	60	90	120	150	180
Min:Sec	8:36	5:44	4:18	3:26	2:52



Airport ID:	KTLH
Apt Name:	TALLAHASSEE RGNL
City:	TALLAHASSEE
State:	FL
Proc ID:	VOR RWY 18
Amdt #:	12

FM 9

No	SEGMENT	OBSTRUCTION	ELEV
1	FINAL	AAO	379
2	STEP	ANT	270
3	HOLD-IN-LIEU	TOWER	625
5	MISSED LVL SFC	TOWER	846
3	MISSED HOLD	TOWER	625


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpoprg | tlh_vor18 (PROD) | 8 Jun 2012 07:29:25 | 1" = 8333.3 feet (MAP)
1
5
2
7
8
Airport ID: KTLH
Apt Name: TALLAHASSEE RGNL
City: TALLAHASSEE
State: FL
Proc ID: VOR RWY 18
Amdt #: 12
FM 9
No SEGMENT OBSTRUCTION ELEV
1 FINAL AAO 379
2 STEP ANT 270
5 MISSED LVL SFC TOWER 846
7 CIRC CAT A POLE 266
7 CIRC CAT B POLE 266
2 CIRC CAT C ANT 270
8 CIRC CAT D TOWER 323

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: 8.64 MILES AFTER SZW VORTAC OR AT SZW 8.64 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SZW VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 270 ANT 302615N/0842104W
CHART VDP AT 7.44 DME;
DISTANCE VDP TO THLD 1.20 MILES.
SZW VORTAC TO RW18: 3.13/45.
CHART: ASR.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N SZW VORTAC, RT, 172.85 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC 172.85 FAF SZW VORTAC DIST FAF TO MAP 8.64 THLD 8.64
4. MIN. ALT SZW VORTAC 3000, WAPIM/SZW 6.60 DME 780*
8. MSA FROM: SZW VORTAC 3300

MAG VAR: 2E EPOCH YEAR:1965

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-18	780	1	697	780	1	697	780	2	697	780	2	697			
CIRCLING	780	1	697	780	1	697	780	2	697	780	2 1/4	697			
WABIM FIX MINIMUMS															
S-18	540	1	457	540	1	457	540	1 3/8	457	540	1 3/8	457			
CIRCLING	580	1	497	580	1	497	580	1 1/2	497	640	2	557			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP NA WITH BAINBRIDGE ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
*880 WHEN USING BAINBRIDGE ALTIMETER SETTING.
(SEE FORM 8260-10)

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 83 THRE: 83	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
TALLAHASSEE, FL	AIRPORT NAME: TALLAHASSEE RGNL	SZW	VOR RWY 18, AMDT 12	AMDT 11B
				DATE 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO	SEE CHANGES	ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZJX, TLH APP CON, TLH ATCT, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: PETER R. GUIMOND	FIFO AJV-352	DATE: 06/22/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES: **TACAN: 303322.42N / 0842226.20W, VOR: 303322.42N / 0842226.20W, 3RD PARTY SURVEY**

1. AMENDED TDZE FROM 81 TO THRE 83.2.
2. AMENDED APT ELEV FROM 81 TO 83.2.
3. DELETED NOTE: ADF REQUIRED.
4. ADDED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
5. ADDED PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT.
6. ADDED BACK-UP ALTIMETER MINIMUMS ADJUSTMENT NOTE.
7. ADDED PROFILE NOTE: 880 WHEN USING BAINBRIDGE, GA ALTIMETER SETTING.
8. INCREASED FAF ALTITUDE FROM 2000 TO 3000.
9. AMENDED VDP FROM SZW 7.41 DME TO SZW 7.44 DME AND ADDED NA NOTE WHEN USING BAINBRIDGE ALTIMETER.
10. AMENDED DESCENT ANGLE/TCH FROM 2.96/52 TO 3.13/45.
11. MOVED WAPIM 552 FEET NORTH. INCREASED MINIMUM STEPDOWN ALTITUDE FROM 760 TO 780.
12. AMENDED MISSED APPROACH POINT FROM 8.69 MILES AFTER SZW VORTAC OR AT SZW 8.69 DME TO 8.64 NM AFTER SZW VORTAC OR AT SZW 8.64 DME.
13. AMENDED MISSED APPROACH FROM CLIMB DIRECT TL LOM AND HOLD TO CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SZW VORTAC AND HOLD.
14. REPLACED PROCEDURE TURN WITH HOLD-IN-LIEU INITIAL.

SEE 8260-10

REASONS:

1. MATCH AVNIS DATA.
2. MATCH AVNIS DATA.
3. NO LONGER REQUIRED.
4. TERPS PARA 251, 34:1 SURFACE PENETRATED.
5. VGSI TCH COMPUTES TO 75 FEET AT EXTENDED THRESHOLD LOCATION.
6. EASTERN FPT REQUEST.
7. ADDED BACK-UP ALTIMETER SOURCE.
8. PROVIDES CARDINAL ALITUDE AT FAF.
9. COMPUTED USING NEW VGSI TCH AND EXTENDED THRESHOLD DATA.
10. COMPUTED FROM UPDATED FAF ALTITUDE AND EXTENDED THRESHOLD DATA.
11. POSITIONED TO PROVIDE STABILIZED DESCENT. MINIMUM ALTITUDE INCREASE REQUIRED DUE TO NEW OBSTACLE STUDY.
12. COMPUTED FROM NEW THRESHOLD LOCATION.
13. WAKUL NDB DECOMMISSIONED. MISSED APPROACH RETURNS TO SZW VORTAC PER EASTERN FPT REQUEST.
14. DECREASES CHART CLUTTER. ALLOWS AIRCRAFT IN MISSED HOLDING PATTERN EASY TRANSITION TO ATTEMPT ANOTHER APPROACH IF DESIRED.
SEE 8260-10

QUALITY & CHECKED

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. INCREASE S-18 CAT B AND CIRCLING CATS B/D VISIBILITY 1/4 MILE AND S-18 CATS C/D AND CIRCLING CAT C VISIBILITY 1/2 MILE. INCREASE WAPIM FIX MINIMUMS S-18 CATS C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: NOPT FOR ARRIVALS ON SZW VORTAC AIRWAY RADIALS 288 CW 088.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 83 THRE: 83	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TALLAHASSEE, FL	AIRPORT NAME: TALLAHASSEE RGNL	SZW	VOR RWY 18, AMDT 12	AMDT: 11B
				DATED: 05/05/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
15. DELETED ALTERNATE MINIMUMS NOTE: NA WHEN CONTROL TOWER CLOSED.
16. ADDED ALTERNATE MINIMUMS NOTE: NA WHEN LOCAL WEATHER NOT AVAILABLE.
17. AMENDED FINAL COURSE FROM 172.87 TO 172.85.
18. AMENDED DIST FAF TO MAP AND DIST FAF TO THLD FROM 8.69 TO 8.64.
19. AMENDED S-18 MDA/HAT FROM 760/679 TO S-18 MDA/HATH 780/697.
20. AMENDED S-18 VISIBILITY FROM 2 1/4 TO 2.
21. AMENDED S-18 CIRCLING MDA/HAA FROM 760/679 TO 780/697.
22. AMENDED WAPIM FIX MINIMUMS S-18 HAT FROM 459 TO HATH 457.
23. AMENDED WAPIM FIX MINIMUMS CAT C VISIBILITY FROM 1 1/4 TO 1 3/8, CAT D FROM 1 1/2 TO 1 3/8.
24. AMENDED WAPIM FIX MINIMUMS CATS A/B/C HAA FROM 499 TO 497 AND CAT D HAA FROM 559 TO 557.
25. ADDED PLANVIEW NOTE: NOPT FOR ARRIVAL ON SZW VORTAC AIRWAY RADIALS 288 CW 088.

REASONS:

REASONS CONT.
15. NO LONGER REQUIRED. SZW MONITORED 24 HOURS AT AOCC.
16. ALTERNATE MINIMUMS NOT AUTHORIZED USING REMOTE ALTIMETER SOURCE.
17. OPTIMUM COURSE COMPUTED FROM UPDATED SZW VORTAC AND THRESHOLD LOCATIONS.
18. COMPUTED FROM UPDATED SZW VORTAC AND THRESHOLD LOCATIONS.
19. COMPUTED USING UPDATED THRESHOLD ELEVATION AND DOCUMENTED AS HATH IAW CURRENT POLICY.
20. COMPUTED IAW TERPS CHANGE 20.
21. COMPUTED USING UPDATED AIRPORT ELEVATION VALUE.
22. COMPUTED USING UPDATED THRESHOLD ELEVATION AND DOCUMENTED AS HATH IAW CURRENT POLICY.
23. COMPUTED IAW TERPS CHANGE 20.
24. COMPUTED USING UPDATED AIRPORT ELEVATION VALUE.
25. IAW FAAO 8260.19.

WHITEOUT CORRECTIONS
1. CHANGES LISTED ON BACK OF PAGE 2 EDITED TO APPEAR AS SEPARATE LINES.
2. ADDED BACK-UP ALTIMETER ADJUSTMENT TO THE 8260-9, BLOCK 3.

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL	SZW VORTAC	WAPIM/SZW 6.60	1. AAO	302933.00N/0842040.80W	379 (2C)	250	XL132	780
		DME						
FINAL: STEPDOWN	WAPIM/SZW 6.60	8.64 MILES AFTER	2. ANT (KTLHT5220)	302614.87N/0842104.21W	270 (1A)	250	XP20	540
	DME	SZW VORTAC OR						
		AT SZW 8.64 DME						
		FIX						
2. HOLD-IN-LIEU-OF-PT	SZW VORTAC	P-4	3. TOWER (12-002488)	303107.00N/0842705.00W	625 (5D)	1000	AT1375	3000
			4. TERRAIN	304206.00N/0842451.00W	309 (300)		AS1500	1800
3. MISSED APPROACH MAP:	8.64 MILES AFTER	SZW VORTAC				ASC		3000
	SZW VORTAC OR		5. TOWER (12-001684)	302917.00N/0841647.00W	846 (2C)	1000		1900
ELEV:	290		6. TERRAIN	303348.00N/0842833.00W	296 (300)		AS1500	1800

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	697 / 497	7. POLE (12-023748)	302534.70N/0842208.83W	266 (1A)	300	SI	780 / 580
CATEGORY B	1.5 NM	450	697 / 497	7. POLE (12-023748)	302534.70N/0842208.83W	266 (1A)	300	SI	780 / 580
CATEGORY C	1.7 NM	450	697 / 497	2. ANT (KTLHT5220)	302614.87N/0842104.21W	270 (1A)	300	SI	780 / 580
CATEGORY D	2.3 NM	550	697 / 557	8. TOWER (12-003977)	302457.00N/0841805.00W	323 (1A)	300	SI	780 / 640
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: SZW VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (13-001353)	071/ 23.5	2222 (5D)	3300					

CITY AND STATE	ELEVATION: 83 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
TALLAHASSEE, FL	TALLAHASSEE RGNL	SZW VORTAC	VOR RWY 18, AMDT 12	ASO

QUALITY CHECKED 4

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZJX ARTCC TLH APP CON		N W S	OTHER: ASOS	SOURCE: KTLH / KBGE
		F A A		DISTANCE: 0 / 37.46
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24 / BACKUP
X V H F X U H F H F	LOCATION: KTLH			ADJUSTMENT: 0 / 94.68

4. MONITOR STATUS	PRIMARY NAVAID: SZW VORTAC	
	MONITOR POINT: AOCC	
	HRS OPTN: CAT 1	24
	CAT 3	

5. APPROACH & RUNWAY LIGHTING	
X	ALSF-2 27
	(S) SALS
X	MALSR 36 (PCL)
X	HIRL 27 (PCL), 18 (PCL), 36 (PCL), 09 (PCL)
	MIRL
X	REIL 18 (PCL), 09 (PCL)
X	TDZ 27
X	C/L 27, 09
X	OTHER (SPECIFY) PAPI-4L 27 (PCL), 18 (PCL), 36 (PCL), 09 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 27, 18, 36, 09
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	27, 36, 09
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: PETER R. GUIMOND	DATE: 06/22/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

2. KTLH ASOS ON SERVICE A. KBGE AWOS ON SERVICE A.
3. KBGE 24-HR BACK-UP.
5. VGSI DATA: 3.00/55.0.

SEE ATTACHED AIRSPACE LETTER.

100 FOOT TREES USED PER EASTERN FPT.

RASS (PRESSURE PATTERNS ARE THE SAME):
KTLH 83.2, KBGE 141.3
RA = 94.68
RASS ROUNDED UP TO 100 FEET FOR ALL MDA AND PUBLISHED AS A NOTE.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
(EASTERN FPT NOTIFIED 06/05/2012)
34:1 PENETRATIONS:
133 TREE (KTLHT4143) 302459.58N/0842138.18W (12.06)
129 TREE (KTLHT4076) 302459.00N/0842126.03W (10.07)
140 TREE (KTLH0060) 302502.62N/0842139.48W (10.00)
132 TREE (KTLH0058) 302500.02N/0842137.75W (9.76)
129 TREE (KTLH4140) 302459.53N/0842136.25W (8.26)
135 TREE (KTLH0059) 302501.91N/0842140.63W (7.08)
128 TREE (KTLHA029) 302459.59N/0842138.16W (7.03)
128 TREE (KTLHA030) 302459.68N/0842137.36W (6.78)
126 TREE (KTLH0055) 302459.14N/0842126.11W (6.65)
125 TREE (KTLHT4071) 302458.79N/0842139.50W (6.38)
125 TREE (KTLHT4120) 302459.34N/0842135.71W (4.83)
123 TREE (KTLHT4072) 302458.87N/0842135.46W (4.23)
124 TREE (KTLHA027) 302459.39N/0842136.56W (3.66)
129 TREE (KTLHT4225) 302501.12N/0842139.68W (3.45)
123 TREE (KTLHT4114) 302459.29N/0842135.25W (2.99)
122 TREE (KTLHT4049) 302459.07N/0842135.56W (2.64)
123 TREE (KTLHT4129) 302459.42N/0842135.63W (2.60)
121 TREE (KTLHT4063) 302458.75N/0842135.48W (2.59)
122 TREE (KTLHT4104) 302459.18N/0842135.25W (2.32)
122 TREE (KTLHT4109) 302459.25N/0842135.87W (2.10)
123 TREE (KTLHT4150) 302459.66N/0842135.55W (1.89)
120 TREE (KTLHT4061) 302458.78N/0842127.76W (1.68)
120 TREE (KTLHT4081) 302458.96N/0842135.45W (0.97)
125 TREE (KTLHT4207) 302500.73N/0842136.29W (0.69)
114 TREE (KTLHT4047) 302457.13N/0842137.48W (0.35)
121 TREE (KTLHT4138) 302459.52N/0842134.79W (0.32)
121 TREE (KTLHT4141) 302459.56N/0842135.86W (0.18)

XP20 - RETAIN 540 MSL MDA

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEMINOLE VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 303322.42N/0842226.20W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SEMINOLE	SZW	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	SZW	VORTAC	102.75	282.75	R	1		2100	6000	4	5
2	N	SZW	VORTAC	001.60	181.60	R	1-1 1/2		2000	17500	4	16
3	N	SZW	VORTAC	352.85	172.85	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001975)	303443.00N/0841547.00W	1049	3D
2	200	TOWER (12-002488)	303107.00N/0842705.00W	625	5D
2	310	TOWER (13-001504)	304749.71N/0841927.10W	1062	1A
3	200	TOWER (12-002488)	303107.00N/0842705.00W	625	5D
3	310	TOWER (13-001504)	304749.71N/0841927.10W	1062	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC/DME RWY 36	KTLH	TALLAHASSEE	FL (US)
2	RADAR-1	KTLH	TALLAHASSEE	FL (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JACKSONVILLE			KJAX	JACKSONVILLE	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	SRKUS (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	ENDED (RNAV)			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	SRKUS (RNAV)			KVNC	VENICE	FL (US)
EN ROUTE	J2					FL (US)
EN ROUTE	J20					FL (US)
EN ROUTE	J41					FL (US)
EN ROUTE	J43					FL (US)
EN ROUTE	J73					FL (US)
EN ROUTE	V198					FL (US)
EN ROUTE	V295					FL (US)
EN ROUTE	V7					FL (US)
EN ROUTE	V97					FL (US)
IAP	VOR/DME-A		1	K2J9	QUINCY	FL (US)
IAP	HI VOR/DME OR TACAN RWY 36			KTLH	TALLAHASSEE	FL (US)
IAP	HI-ILS OR LOC/DME RWY 36			KTLH	TALLAHASSEE	FL (US)
IAP	ILS OR LOC RWY 27			KTLH	TALLAHASSEE	FL (US)
IAP	ILS OR LOC/DME RWY 36		2	KTLH	TALLAHASSEE	FL (US)
IAP	ILS RWY 27 (CAT II)			KTLH	TALLAHASSEE	FL (US)
IAP	RADAR-1		2	KTLH	TALLAHASSEE	FL (US)
IAP	VOR RWY 18		3	KTLH	TALLAHASSEE	FL (US)
IAP	VOR/DME OR TACAN RWY 36			KTLH	TALLAHASSEE	FL (US)
IAP	VOR-A			KBGE	BAINBRIDGE	GA (US)
IAP	NDB RWY 13			K70J	CAIRO	GA (US)
IAP	RNAV (GPS) RWY 13			K70J	CAIRO	GA (US)
IAP	NDB RWY 22			KTVI	THOMASVILLE	GA (US)
STAR	PRRIE (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TAYLOR			KFHB	FERNANDINA BEACH	FL (US)
STAR	JINGL (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	JINGL (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	JOSFF			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	JOSFF			KRSW	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KRSW	FORT MYERS	FL (US)

QUALITY 4 CHECKED

STAR	JINGL (RNAV)	KHWO	HOLLYWOOD	FL (US)
STAR	SSCOT (RNAV)	KHST	HOMESTEAD	FL (US)
STAR	SSCOT (RNAV)	KX51	HOMESTEAD	FL (US)
STAR	TAYLOR	KCRG	JACKSONVILLE	FL (US)
STAR	TAYLOR	KJAX	JACKSONVILLE	FL (US)
STAR	TAYLOR	KNIP	JACKSONVILLE	FL (US)
STAR	TAYLOR	KVQQ	JACKSONVILLE	FL (US)
STAR	WLACE (RNAV)	K06FA	JUPITER	FL (US)
STAR	SSCOT (RNAV)	K07FA	KEY LARGO	FL (US)
STAR	PIKKR (RNAV)	KMKY	MARCO ISLAND	FL (US)
STAR	TAYLOR	KNRB	MAYPORT	FL (US)
STAR	SSCOT (RNAV)	KMIA	MIAMI	FL (US)
STAR	JINGL (RNAV)	KOPF	MIAMI	FL (US)
STAR	SSCOT (RNAV)	KOPF	MIAMI	FL (US)
STAR	SSCOT (RNAV)	KTMB	MIAMI	FL (US)
STAR	PIKKR (RNAV)	KAPF	NAPLES	FL (US)
STAR	JINGL (RNAV)	KPMP	POMPANO BEACH	FL (US)
STAR	CLAMP	KSRQ	SARASOTA (BRADENTON)	FL (US)
STAR	TEEGN (RNAV)	KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	DARBS	KSPG	ST PETERSBURG	FL (US)
STAR	DARBS	KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	WLACE (RNAV)	KSUA	STUART	FL (US)
STAR	DARBS	KMCF	TAMPA	FL (US)
STAR	DARBS	KTPA	TAMPA	FL (US)
STAR	FOOXX (RNAV)	KTPA	TAMPA	FL (US)
STAR	DARBS	KTPF	TAMPA	FL (US)
STAR	CLAMP	KVNC	VENICE	FL (US)
STAR	TEEGN (RNAV)	KVNC	VENICE	FL (US)
STAR	WLACE (RNAV)	KF45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KLNA	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KPBI	WEST PALM BEACH	FL (US)
STAR	HONIE (RNAV)	KATL	ATLANTA	GA (US)
STAR	LA GRANGE	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. MOVED FIX 5.25 FEET NORTH TO MATCH PENDING AVNIS COORDINATES.
2. ADDED PAT 3.
3. AMENDED PAT 1 MAX HOLDING ALTITUDE FROM 17500 TO 6000.
4. ADDED TLH VOR RWY 18 AND ILS OR LOC/DME RWY 36 TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
5. ADDED 310 KIAS OBSTACLE TO PATTERN 2 FOR CLIMB-IN-HOLD EVALUATION.
6. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/07/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: TLH APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAPIM **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 302647.10N/0842145.08W **TYPE:** RADAR, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SEMINOLE	SZW	VORTAC	H	172.85	174.85	6.60	6.60		680	4500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 18	1		KTLH	TALLAHASSEE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. MOVED FIX 552 FT NORTH.
2. DELETED FAC 2 (KTLH R18).
3. UPDATED MAG BRG FROM 172.87 TO 172.85.
4. UPDATED DME DISTANCE FROM 6.69 TO 6.60.
5. ADDED DIST FROM FAC VALUE.
6. AMENDED FAC MRA FROM 760 TO 680.
7. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/05/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: TLH APP CON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **TALLAHASSEE** STATE: **FL**

AIRPORT NAME: **TALLAHASSEE RGNL** ID: **KTLH**

PROCEDURE: **VOR RWY 18** AMDT: **12**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THRESHOLD** to 1000' point **4.07**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **2.46**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **174.85**
4. High Terrain in **FINAL** segment containing 1000' point **203**
5. Distance from **THRESHOLD** to 1500' point **6.24**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.24**
7. True Course of **FINAL** segment containing 1500' point **174.85**
8. High Terrain in **FINAL** segment containing 1500' point **203**
9. Threshold Coordinates (if straight-in) ... **302444.94N** / **0842132.34W**
10. ARP Coordinates ..... **302348.30N** / **0842103.10W**
11. Runway Approach End and distance furthest from ARP.....RWY **27**
    Distance **1.07** NM
12. FAF Coordinates ..... **303322.42N** / **0842226.20W**
    (Click to Select)

REMARKS: Approach/Drawing attached.