US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GIBBS	HUSMA (FB)	067.54 / 18.21	2700
HALLR	JOBVA (FB)	318.62 / 14.06	2300
LAL VORTAC (IAF)	ISUVE (NOPT) (FB)	160.80 / 18.00	2300
HUSMA (IAF)	ISUVE (NOPT) (FB)	093.90 / 5.00	2300
JOBVA (IAF)	ISUVE (NOPT) (FB)	273.98 / 5.00	2300
ISUVE (IF/IAF)	WATPU (FB)	183.94 / 6.12	1800
WATPU (FAF)	XAMVY/2.60 NM TO RW18 (FB)	183.94 / 2.60	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW18
LNAV: RW18

CLIMB TO 2000 DIRECT ITUYA AND HOLD.

1. PT ____ SIDE OF COURSE OUTBOUND FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ISUVE, RT, 183.94 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 183.94 FAF: WATPU DIST FAF TO MAP: 5.20 THLD: 5.20
4. MIN. ALT: ISUVE 2300, WATPU 1800, XAMVY/2.60 NM TO RW18 960
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW18 2800

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 003.94 INBOUND.
CHART FAS OBST: 175 TREE 273329N/0815303W
CHART FAS OBST: 219 TREE 273200N/0815221W
WAAS CHANNEL # 90329
REFERENCE PATH ID: W18A
WATPU TO RW18: 3.00/45.
CHART SARASOTA/BRADENTON INTL ASOS.
LTP HAE: 5.3 M

MAG VAR: 4W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | 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
LP MDA	540	1	441	540	1	441	540	1 3/8	441		NA				
LNAV MDA	580	1	481	580	1	481	580	1 3/8	481		NA				
CIRCLING	620	1	512	620	1	512	620	1 1/2	512		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 36 NA AT NIGHT.
CHART NOTE: USE SARASOTA/BRANDENTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 108 THRE: 99 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WAUCHULA, FL	WAUCHULA MUNI	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG
				DATED 01/18/2007

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] KCHN ARPT MGR, ZMA

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
HOWARD L. HAWKINS, JR.	AJV-352	02/07/2012

APPROVED BY		
NAME:	FIFO	DATE:
DARRYEL ADAMS MANAGER	AJV-352	

CHANGES:

1. SDF XAMVY ADDED MIN ALT 960.
2. GLIDE SLOPE ANGLE 3.00 DEGREES TCH CHANGED TO 45.
3. LP MINIMUM ADDED.
4. DISTANCE ISUVE TO WATPU CHANGED TO 6.12.
5. SPEED RESTRICTION NOTE ADDED TO GIBBS AND HALLR TERMINAL ROUTES.
6. CIRCLING NOTES UPDATED.
7. ALTITMTER SETTING NOTE UPDATED.

REASONS:

1, 6, & 7. ALLOWED BY CRITERIA.
2. ACHIEVE OPITMUM ANGLE/ MATCH VGSI.
3, 5. FPT REQUEST.
4. WATPU RELOCATED 581 FT.
05/31/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 02/07/2012.
CHANGES: FAC CHANGED FROM 193.94 TO 183.94, GIBBS ARRIVAL NOTE CHANGED FROM NORHTWEST TO NORTHWEST.

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
XAMVY/2.60 NM TO RW18	RW18 (MAP) (FO)	183.94 / 2.60	
RW18 (MAP)	508 MSL	183.94	
508 MSL	ITUYA (FO)		2000

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GIBBS ON V97-492 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HALLR ON V509 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LAL VORTAC AIRWAY RADIALS 080 CW 171.
CHART PLANVIEW NOTE AT HALLR: MAX 210 KIAS.
CHART PLANVIEW NOTE AT HUSMA: MAX 210 KIAS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 108 THRE: 99 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP
WAUCHULA, FL	WAUCHULA MUNI	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG DATED: 01/18/2007

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

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:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCHN
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	273113.4890N
LTP/FTP LONGITUDE	0815249.6905W
LTP/FTP ELLIPSOIDAL HEIGHT	+00053
FPAP LATITUDE	272944.1400N
FPAP LONGITUDE	0815249.5900W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	80CC00EB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00303
FPAP ORTHOMETRIC HEIGHT	+00303

QUALITY CHECKED

CITY AND STATE	ELEVATION: 108 THRE: 99	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WAUCHULA, FL	AIRPORT NAME: WAUCHULA MUNI	RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG
				DATED: 01/18/2007

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

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:

REASONS:

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        LAL   K7011600VTH  N27591025W082004999    N27591025W082004999E0010001722     NARLAKELAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GIBBS K70    C   L N27342724W082165027                    W0051     NAR           GIBBS
        SUSAEAENRT   HALLR K70    C   L N27324081W081355577                    W0056     NAR           HALLR
        SUSAEAENRT   HUSMA K70    W     N27423414W081582850                    W0054     NAR           HUSMA
        SUSAEAENRT   ISUVE K70    W     N27423457W081525049                    W0054     NAR           ISUVE
        SUSAEAENRT   ITUYA K70    W     N27191213W081524884                    W0053     NAR           ITUYA
        SUSAEAENRT   JOBVA K70    W     N27423477W081471248                    W0055     NAR           JOBVA
        SUSAEAENRT   WATPU K70    W     N27362631W081525006                    W0054     NAR           WATPU
        SUSAEAENRT   XAMVY K70    W     N27334992W081524987                    W0054     NAR           XAMVY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHNK7ACHN     0     040YHN27305370W081524970W004000108         1800018000C    MNAR    WAUCHULA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHNK7FR18   AGIBBS 010GIBBSK7EA0E       IF                                                18000              A JS
        SUSAP KCHNK7FR18   AGIBBS 020HUSMAK7EA0E  A 020TF                    06750182    + 02700                          A JS
        SUSAP KCHNK7FR18   AGIBBS 030ISUVEK7EA0EE B 010TF                    09390050    + 02300                          A JS
        SUSAP KCHNK7FR18   AHALLR 010HALLRK7EA0E       IF                                                18000              A JS
        SUSAP KCHNK7FR18   AHALLR 020JOBVAK7EA0E  A 020TF                    31860141    + 02300                          A JS
        SUSAP KCHNK7FR18   AHALLR 030ISUVEK7EA0EE B 010TF                    27400050    + 02300                          A JS
        SUSAP KCHNK7FR18   AISUVE 010ISUVEK7EA0EE AR   HF                    18390040    + 02300    18000                 A JS
        SUSAP KCHNK7FR18   ALAL   010LAL  K7D 0V  A    IF                                           18000                 A JS
        SUSAP KCHNK7FR18   ALAL   020ISUVEK7EA0EE B 010TF                    16080180    + 02300                          A JS
        SUSAP KCHNK7FR18   R      010ISUVEK7EA0E  I    IF                                + 02300    18000                 A JS
        SUSAP KCHNK7FR18   R      020WATPUK7EA1E  F 051TF                    18390061    + 01800                RW18  K7PGA JS
        SUSAP KCHNK7FR18   R      020WATPUK7EA2WALP          N       ALNAV                                                JS
        SUSAP KCHNK7FR18   R      021XAMVYK7EA0E S  031TF                    18390026    V 0096000972       -300          A JS
        SUSAP KCHNK7FR18   R      030RW18 K7PG0GY M 031TF                    18390026      00144            -300          A JS
        SUSAP KCHNK7FR18   R      040         0 M     CA                     1839        + 00508                          A JS
        SUSAP KCHNK7FR18   R      050ITUYAK7EA0EY      DF                                + 02000                          A JS
        SUSAP KCHNK7FR18   R      060ITUYAK7EA0EE  R   HM                     00390040    + 02000                          A JS
                 1         2         3         4         5         6         7         8         9         0         1         2
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 108 THRE: 99	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WAUCHULA, FL	AIRPORT NAME: **WAUCHULA MUNI**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	AMDT: **ORIG**
				DATED: **01/18/2007**

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

COORDINATED WITH:

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

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	NFPG	DATE:

APPROVED BY

NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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```
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------
        SUSAP KCHNK7GRW18    0040051839 N27311349W081524969+0100    +00053000990000045075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------
        SUSAP KCHNK7PR18   RW18 001 0000W18A0N2731134890W08152496905+000530300N2729441400W08152495900106751528000450F40000080CC00EB
        SUSAP KCHNK7PR18   RW18 002E      +00303+00303LP        90329

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------
        SUSAP KCHNK7SRW18 K7PG              0   18018002825                                                                M
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 108 THRE: 99	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WAUCHULA, FL	AIRPORT NAME: **WAUCHULA MUNI**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	AMDT: **ORIG**
				DATED: **01/18/2007**

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GIBBS	GIBBS	010		IF		FB					
	GIBBS	HUSMA	020	IAF	TF		FB	2.0	067.5(063.5T)	018.2	AA 02700	
	GIBBS	ISUVE	030		TF		FB	1.0	093.9(089.9T)	005.0	AA 02300	
	HALLR	HALLR	010		IF		FB					
	HALLR	JOBVA	020	IAF	TF		FB	2.0	318.6(314.6T)	014.1	AA 02300	
	HALLR	ISUVE	030		TF		FB	1.0	274.0(270.0T)	005.0	AA 02300	
	ISUVE	ISUVE	010	IAF	HF	R	FO		183.9(179.9T)	004.0	AA 02300	
	LAL	LAL	010	IAF	IF		FB					
	LAL	ISUVE	020		TF		FB	1.0	160.8(156.8T)	018.0	AA 02300	
		ISUVE	010	FACF	IF		FB				AA 02300	
		WATPU	020	FAF	TF		FB	0.5	183.9(179.9T)	006.1	AA 01800	
		XAMVY	021	SDF	TF		FB	0.3	183.9(179.9T)	002.6	AA 00960 GS 00972	
		RW18	030	MAP	TF		FO	0.3	183.9(179.9T)	002.6	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		183.9(179.9T)		AA 00508	
	ITUYA	050		DF		FO				AA 02000	
	ITUYA	060		HM	R	FO		003.9(359.9T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LAL	N275910.25	W0820049.99	N2759.171	W08200.833
	GIBBS	N273427.24	W0821650.27	N2734.454	W08216.838
	HALLR	N273240.81	W0813555.77	N2732.680	W08135.930
	HUSMA	N274234.14	W0815828.50	N2742.569	W08158.475
	ISUVE	N274234.57	W0815250.49	N2742.576	W08152.842
	ITUYA	N271912.13	W0815248.84	N2719.202	W08152.814
	JOBVA	N274234.77	W0814712.48	N2742.580	W08147.208
	WATPU	N273626.31	W0815250.06	N2736.439	W08152.834
	XAMVY	N273349.92	W0815249.87	N2733.832	W08152.831
	RW18	N273113.49	W0815249.69	N2731.225	W08152.828

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00099	45

CITY AND STATE	ELEVATION: 108 THRE: 99	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WAUCHULA, FL	AIRPORT NAME: **WAUCHULA MUNI**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1**	AMDT: **ORIG**
				DATED: **01/18/2007**

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

COORDINATED WITH:

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

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	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.
FEEDER	GIBBS	HUSMA	1. TOWER (12-003283)	274024.00N/0820634.00W	1649 (5C)	1000		2700
			2. TERRAIN	274300.00N/0820033.00W	151 (200)		AS1500	1700
FEEDER	HALLR	JOBVA	3. TOWER (12-004797)	274219.10N/0814818.80W	389 (1A)	1000	AT911	2300
			4. TERRAIN	274221.00N/0814706.00W	138 (100)		AS1500	1600
INITIAL	LAL VORTAC	ISUVE	5. TOWER (12-002139)	275016.00N/0815652.00W	1242 (5D)	1000		2300
			6. TERRAIN	275148.00N/0815512.00W	217 (200)		AS1500	1700
INITIAL	HUSMA	ISUVE	7. TOWER (12-002636)	274401.87N/0815355.06W	444 (2C)	1000	AT856	2300
			8. TERRAIN	274433.00N/0815248.00W	155 (200)		AS1500	1700
INITIAL	JOBVA	ISUVE	9. TOWER (12-000223)	273913.00N/0814935.00W	550 (5D)	1000	AT750	2300
			8. TERRAIN	274433.00N/0815248.00W	155 (200)		AS1500	1700
INTERMEDIATE	ISUVE (IF/IAF)	WATPU	9. TOWER (12-000223)	273913.00N/0814935.00W	550 (5D)	500	AT750	1800
			10. TERRAIN	274033.00N/0815245.00W	148 (100)		AS1500	1600
FINAL: LP	WATPU	XAMVY/2.60 NM TO RW18	11. AAO	273541.00N/0815330.00W	312 (2D)	250	RA114 DG284	960
2. HOLD-IN-LIEU-OF-PT	ISUVE	P-5	5. TOWER (12-002139)	275016.00N/0815652.00W	1242 (5D)	1000		2300
			14. TERRAIN	275148.00N/0815512.00W	217 (200)		AS1500	1700
3. MISSED APPROACH MAP:	RW18 / RW18	ITUYA				ASC		2000
			15. AAO	272548.00N/0815400.00W	296 (4E)	1000		1300
ELEV:	344/384		16. TERRAIN	272548.00N/0815400.00W	86 (100)		AS1500	1600

4. CIRCLING AREA	DISTANCE	REQUIRED	ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	512		13. TREE	273200.00N/0815221.00W	219 (2C)	300	RA96	620
CATEGORY B	1.5 NM	450	512		13. TREE	273200.00N/0815221.00W	219 (2C)	300	RA96	620
CATEGORY C	1.7 NM	450	512		13. TREE	273200.00N/0815221.00W	219 (2C)	300	RA96	620
CATEGORY D	2.3 NM	550								
CATEGORY E	4.5 NM	550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW18

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-002454)	255/ 20.8	1749 (3B)	2800					

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WAUCHULA, FL	ELEVATION: 108 AIRPORT NAME: WAUCHULA MUNI	RNAV	RNAV (GPS) RWY 18, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZMA ARTCC PIE FSS	N W S / OTHER: ASOS F A A A / C	SOURCE: KSRQ / KTPA DISTANCE: 36.67 / 44.35 HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON:		
X VHF X UHF HF	LOCATION: KSRQ	ADJUSTMENT: 96 / 114

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 18, 36
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 18 (PCL), 36

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-F 18, 36
7. RUNWAY VISUAL RANGE	APPROACH	
	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: HOWARD L. HAWKINS, JR.	DATE: 02/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS EXIST.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KSRQ/KTPA ASOS ON SERVICE A.

VGSI DATA: 3.00 / 45.

RASS PRESSURE PATTERNS SAME
KSRQ 29.9, KTPA 26.3, KCHN 107.8
RA = 95.25/113.42.
SEE ATTACHED AIRSPACE LETTER.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
(DUE TO NUMEROUS PENETRATORS ONLY TOP 5 LISTED.)

20:1
R18 141 TREE 273117.43N-0815247.06W 31.83
R18 134 TREE 273116.07N-0815245.19W 31.70
R18 130 TREE 273115.67N-0815246.16W 29.71
R18 150 TREE 273120.27N-0815244.90W 26.50
R18 138 TREE 273117.92N-0815246.51W 26.36

34:1:
R18 130 TREE 273118.09N-0815247.42W 17.49
R18 137 TREE 273119.97N-0815247.85W 15.00
R18 138 TREE 273120.31N-0815247.07W 14.29
R18 134 TREE 273120.07N-0815249.18W 11.49
R18 128 TREE 273119.02N-0815247.49W 10.80

20:1
R36 138 TREE 273028.09N-0815247.99W 15.67
R36 140 TREE 273029.21N-0815247.69W 10.32
R36 135 TREE 273027.22N-0815246.79W 13.27
R36 127 TREE 273029.21N-0815247.69W 10.32
R36 135 TREE 273027.56N-0815247.61W 9.99

TAA NA, ATC REQUEST.

100' TREE HEIGHT PER EASTERN FPO.

LPV AND LNAV/VNAV NOT DEVELOPED, GQS PENETRATIONS EXIST.

QUALITY 2 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: LP STEPDOWN	XAMVY/2.60 NM TO	RW18	12. TREE (KCHNT0983)	273329.16N/0815303.05W	175 (1A)	250	RA96	540
	RW18							
FINAL: LNAV	WATPU	XAMVY/2.60 NM TO	11. AAO	273541.00N/0815330.00W	312 (2C)	250	RA114 DG284	960
		RW18						
FINAL: LNAV STEPDOWN	XAMVY/2.60 NM TO	RW18	13. TREE	273200.00N/0815221.00W	219 (2C)	250	RA96	580
	RW18							

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.		
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	
CATEGORY B	1.5 NM		450		
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)	M S A

QUALITY CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WAUCHULA, FL	ELEVATION: 108 AIRPORT NAME: WAUCHULA MUNI	RNAV	RNAV (GPS) RWY 18, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	
☐	**ALS**
☐	**(S) SALS**
☐	**MALS**
☐	**HIRL**
☐	**MIRL**
☐	**REIL**
☐	**TDZ**
☐	**C/LINE**
☐	**OTHER (SPECIFY)**

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	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			
	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUSMA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 274234.14N/0815828.50W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FAC 1 REMOVED.
FIX USE UPDATED.

DEVELOPED BY: **DATE:** 01/05/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ISUVE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 274234.57N/0815250.49W **TYPE:** WP

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

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	003.94	183.94	R		4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002139)	275016.00N/0815652.00W	1242	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18		1	KCHN	WAUCHULA	FL (US)
IAP	RNAV (GPS) RWY 36		1	KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FAC 1 REMOVED.
CONTROLLING OBSTRUCTION UPDATED.
FIX USE UPDATED.

DEVELOPED BY: **DATE:** 01/05/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ITUYA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 271912.13N/0815248.84W **TYPE:** WP

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

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	183.94	003.94	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-004093)	271430.00N/0815139.00W	550	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18		1	KCHN	WAUCHULA	FL (US)
IAP	RNAV (GPS) RWY 36		1	KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FAC 1 REMOVED.
HOLDING PATERN OBSTRUCTION UPDATED.
PRECIPITOUS TERRAIN REMARK ADDED.

DEVELOPED BY: **DATE:** 02/02/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOBVA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 274234.77N/0814712.48W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FAC 1 REMOVED.
FIX USE UPDATED.

DEVELOPED BY: **DATE:** 01/05/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WATPU **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273626.31N/0815250.06W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FIX RELOCATED 581 FT, LAT/LONGS UPDATED.
FAC 1 REMOVED.
FIX USE UPDATED.

DEVELOPED BY: **DATE:** 01/05/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: XAMVY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273349.92N/0815249.87W **TYPE:** WP

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

FIX USE: USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 01/05/2012 **OFFICE:** AJV-352 **NAME:** HOWARD HAWKINS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: GIBBS **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273427.24N/0821650.27W **TYPE:** WP, INT, 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	ST PETERSBURG	PIE	VORTAC	H	137.79	132.79	29.33	29.33		2000	17500
2	LAKELAND	LAL	VORTAC	H	209.00	210.00		28.44		2000	17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE	PIE	VORTAC	137.79	317.79	R	1		2800	14000	9	14
2	SE		WP	133.79	313.79	R		4	2800	14000	5	11
3	SE		WP	146.65	326.65	R		4	2800	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	STACK (12-001049)	273623.00N/0822041.00W	554	5D
1	265	TOWER (12-002454)	272431.15N/0821459.32W	1749	3C
2	200	STACK (12-001049)	273623.00N/0822041.00W	554	5D
3	200	STACK (12-001049)	273623.00N/0822041.00W	554	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
OBSTACLE 12-002454 IS LOCATED 5369 FEET INTO THE SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V97-492	1, 2				
IAP	ILS OR LOC RWY 19L	1, 2	1	KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (CAT II)	1, 2	1	KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) Z RWY 19L		2	KTPA	TAMPA	FL (US)
IAP	RNAV (RNP) Y RWY 19L		3	KTPA	TAMPA	FL (US)
IAP	NDB-A			KTPF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 01/13/2011

REASON FOR REVISION:
UPDATED FACILITY 1 (PIE) DUE TO MAG VAR CHANGE.
ADDED DISTANCE FROM FACILITIES FOR FACILITY 1 AND 2.
DELETED FACILITY 3 (COBID) FROM FIX MAKE-UP FACILITIES.
ADDED HOLDING PATTERN 3
UPDATED HOLDING PATTERNS 1 AND 2.
UPDATED FIX USE.
ADDED 265 KNOT AIRSPEED TO HOLDING PATTERN 1 TO ACCOMMODATE MILITARY CAT E AIRCRAFT.

DEVELOPED BY: **DATE:** 07/27/2010 **OFFICE:** AVN-110 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: TPA APP CON
OTHER:

QUALITY 2 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: HALLR **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 273240.81N/0813555.77W **TYPE:** WP, INT, 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	LAKELAND	LAL	VORTAC	H	139.00	140.00	34.44	34.44		4000	17500
2	SARASOTA	SRQ	VORTAC	H	085.69	080.69		52.14		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SRQ	VORTAC	R-086	53	4000	14600

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	100.38	280.38	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001799)	273338.00N/0812935.00W	500	5D
1	310	TOWER (12-002855)	272938.42N/0812457.78W	609	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Z RWY 36	KSEF	SEBRING	FL (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CROWD RNAV			KTPA	TAMPA	FL (US)
EN ROUTE	V509, V511	1, 2				(US)
IAP	RNAV (GPS) Y RWY 36			KSEF	SEBRING	FL (US)
IAP	RNAV (GPS) Z RWY 36		1	KSEF	SEBRING	FL (US)
IAP	RNAV (RNP) RWY 18			KSEF	SEBRING	FL (US)
IAP	RNAV (GPS) RWY 18			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 01/13/2011

REASON FOR REVISION:
1. CHANGED FAC 2 MAG BRG FROM 082.69 TO 085.69.
2. CHANGED ESV FROM R-083 TO 086.

DEVELOPED BY: **DATE:** 07/29/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ (DAVID SAUER)

APPROVED BY: **DATE:** 02/04/2011 **OFFICE:** AVN-110 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: TPA APP CON
OTHER:

QUALITY 2 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 275910.25N/0820049.99W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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	LAKELAND	LAL	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	LAL	VORTAC	095.09	275.09	L	1-1 1/2		2000	17500	4	16
2	W		WP	280.81	100.81	R		4	2000	17500	4	17
3	W	LAL	VORTAC	251.00	071.00	R	1-1 1/2		2000	17500	4	16
4	W	LAL	VORTAC	283.71	103.71	R	1		2000	6000	4	5
5	W		WP	257.00	077.00	R		4	2000	6000	4	6
6	W	LAL	VORTAC	281.00	101.00	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003145)	275629.00N/0815451.00W	832	2C
2	200	TOWER (12-003386)	280241.68N/0820150.80W	540	1A
3	200	AAO	275657.00N/0815606.00W	463	4E
4	200	TOWER (12-001319)	275247.00N/0814858.00W	537	5D
5	200	AAO	275657.00N/0815606.00W	463	4E
6	200	TOWER (12-003386)	280241.68N/0820150.80W	540	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CSHEL (RNAV)			KFMY	FORT MYERS	FL (US)
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KMKY	MARCO ISLAND	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	CSHEL (RNAV)			KAPF	NAPLES	FL (US)
DP	NAPLES			KAPF	NAPLES	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	MALRY			KORL	ORLANDO	FL (US)
DP	SOAPS			KORL	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST PETE			KPIE	ST PETERSBURG/CLEARWATER	FL (US)
DP	CROWD (RNAV)			KTPA	TAMPA	FL (US)
DP	ENDED (RNAV)			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	J73					(US)
EN ROUTE	V157					(US)
EN ROUTE	V157-521					(US)
EN ROUTE	V441					(US)
EN ROUTE	V441-533					(US)
EN ROUTE	V511					(US)
EN ROUTE	V533					(US)
EN ROUTE	V7					(US)
EN ROUTE	V7-521					(US)
IAP	RNAV (GPS) RWY 27R			KBOW	BARTOW	FL (US)
IAP	VOR/DME RWY 09L		6	KBOW	BARTOW	FL (US)
IAP	ILS RWY 09			KBKV	BROOKSVILLE	FL (US)
IAP	RNAV (GPS) RWY 6			KX07	LAKE WALES	FL (US)
IAP	VOR/DME-B		4	KX07	LAKE WALES	FL (US)
IAP	ILS OR LOC RWY 5			KLAL	LAKELAND	FL (US)
IAP	NDB RWY 5			KLAL	LAKELAND	FL (US)
IAP	VOR RWY 27			KLAL	LAKELAND	FL (US)
IAP	VOR RWY 9			KLAL	LAKELAND	FL (US)
IAP	ILS OR LOC RWY 15			KISM	ORLANDO	FL (US)

QUALITY 2 CHECKED

IAP	ILS OR LOC RWY 17L		KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17R		KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (CAT II)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17R(CAT II)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R(CAT II)		KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 18L		KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 18R		KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 10	2	KPCM	PLANT CITY	FL (US)
IAP	VOR RWY 28	1	KPCM	PLANT CITY	FL (US)
IAP	ILS OR LOC RWY 14		KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 32		KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	VOR RWY 14		KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	VOR RWY 32		KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 17L		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS RWY 17L(CAT II)		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 19L		KTPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 19R		KTPA	TAMPA	FL (US)
IAP	ILS RWY 17L (SA CAT I)		KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (CAT II)		KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (SA CAT I)		KTPA	TAMPA	FL (US)
IAP	LOC RWY 01R	6	KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 01R		KTPA	TAMPA	FL (US)
IAP	VOR RWY 10		KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 22	5	KTPF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 36	5	KTPF	TAMPA	FL (US)
IAP	ILS OR LOC RWY 23	1	KVDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 23	5	KVDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 5	5	KVDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 18		KCHN	WAUCHULA	FL (US)
IAP	RNAV (GPS) RWY 5		KGIF	WINTER HAVEN	FL (US)
IAP	VOR/DME-A	3	KGIF	WINTER HAVEN	FL (US)
IAP	NDB RWY 18		KZPH	ZEPHYRHILLS	FL (US)
IAP	NDB RWY 22		KZPH	ZEPHYRHILLS	FL (US)
IAP	NDB RWY 36		KZPH	ZEPHYRHILLS	FL (US)
IAP	NDB RWY 4		KZPH	ZEPHYRHILLS	FL (US)
STAR	COSTR (RNAV)		KX04	APOPKA	FL (US)
STAR	GOOFY		KX04	APOPKA	FL (US)
STAR	BRDGE		KCLW	CLEARWATER	FL (US)
STAR	COSTR (RNAV)		KCOF	COCOA BEACH	FL (US)
STAR	COSTR (RNAV)		KLEE	LEESBURG	FL (US)
STAR	GOOFY		KLEE	LEESBURG	FL (US)
STAR	MINEE		KLEE	LEESBURG	FL (US)
STAR	COSTR (RNAV)		KMLB	MELBOURNE	FL (US)
STAR	COSTR (RNAV)		KCOI	MERRITT ISLAND	FL (US)
STAR	GOOFY		KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE		KCOI	MERRITT ISLAND	FL (US)
STAR	COSTR (RNAV)		KISM	ORLANDO	FL (US)
STAR	GOOFY		KISM	ORLANDO	FL (US)
STAR	LEESE		KISM	ORLANDO	FL (US)
STAR	MINEE		KISM	ORLANDO	FL (US)
STAR	COSTR (RNAV)		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	MINEE		KMCO	ORLANDO	FL (US)
STAR	COSTR (RNAV)		KORL	ORLANDO	FL (US)
STAR	GOOFY		KORL	ORLANDO	FL (US)
STAR	LEESE		KORL	ORLANDO	FL (US)
STAR	MINEE		KORL	ORLANDO	FL (US)
STAR	COSTR (RNAV)		KSFB	ORLANDO	FL (US)
STAR	GOOFY		KSFB	ORLANDO	FL (US)
STAR	MINEE		KSFB	ORLANDO	FL (US)
STAR	TRAPR (RNAV)		KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BRDGE		KSPG	ST PETERSBURG	FL (US)
STAR	DARBS		KSPG	ST PETERSBURG	FL (US)
STAR	LZARD		KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DADES (RNAV)		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DARBS		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DEAKK (RNAV)		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	FOOXX (RNAV)		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	LZARD		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	BRDGE		KMCF	TAMPA	FL (US)
STAR	DADES (RNAV)		KMCF	TAMPA	FL (US)
STAR	DARBS		KMCF	TAMPA	FL (US)
STAR	DEAKK (RNAV)		KMCF	TAMPA	FL (US)
STAR	FOOXX (RNAV)		KMCF	TAMPA	FL (US)
STAR	LZARD		KMCF	TAMPA	FL (US)
STAR	BRDGE		KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)		KTPA	TAMPA	FL (US)
STAR	DARBS		KTPA	TAMPA	FL (US)
STAR	DEAKK (RNAV)		KTPA	TAMPA	FL (US)
STAR	FOOXX (RNAV)		KTPA	TAMPA	FL (US)
STAR	LZARD		KTPA	TAMPA	FL (US)
STAR	BRDGE		KTPA	TAMPA	FL (US)
STAR	DARBS		KTPF	TAMPA	FL (US)
STAR	LZARD		KTPF	TAMPA	FL (US)
STAR	DADES (RNAV)		KVDF	TAMPA	FL (US)
STAR	DEAKK (RNAV)		KVDF	TAMPA	FL (US)
STAR	FOOXX (RNAV)		KVDF	TAMPA	FL (US)

QUALITY 2 CHECKED

STAR	LZARD	KVDF	TAMPA	FL (US)
STAR	COSTR (RNAV)	KTIX	TITUSVILLE	FL (US)
STAR	GOOFY	KTIX	TITUSVILLE	FL (US)
STAR	MINEE	KTIX	TITUSVILLE	FL (US)
STAR	TRAPR (RNAV)	KVNC	VENICE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
UPDATED FIX USE.
CHANGED PAT 4 HOLDING INBOUND COURSE FROM 104 TO 103.71
LOWERED PAT 4 MAX HOLDING ALTITUDE FROM 17500 TO 6000.
LOWERED PAT 4 MAX TEMPLATE FROM 16 TO 5.
CHANGED PAT 4 LEG TIME FROM 1 1/2 TO 1.
UPDATED PAT 4 CONTROLLING OBSTACLE.

DEVELOPED BY: **DATE:** 04/14/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (SAMER MASSARUEH)

APPROVED BY: **DATE:** 06/13/2011 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: TPA APP CON, LAL ATCT
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WAUCHULA** STATE: **FL**

AIRPORT NAME: **WAUCHULA MUNI** ID: **KCHN**

PROCEDURE: **RNAV (GPS) RWY 18** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(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 **THLD** to 1000' point **3.00**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **179.94**
4. High Terrain in **FINAL** segment containing 1000' point **121**
5. Distance from **THLD** to 1500' point **4.80**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.57**
7. True Course of **FINAL** segment containing 1500' point **179.94**
8. High Terrain in **FINAL** segment containing 1500' point **121**
9. Threshold Coordinates (if straight-in) ... **273113.49N** / **0815249.69W**
10. ARP Coordinates ..... **273053.70N** / **0815249.70W**
11. Runway Approach End and distance furthest from ARP ..... RWY **18**
    Distance **0.33** NM
12. FAF Coordinates ..... **273626.31N** / **0815250.06W**

REMARKS: Approach/Drawing attached.