

# RADIO FIX AND HOLDING DATA RECORD

NAME: DEEDS STATE: FL COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 255840.31N/0811359.60W TYPE: WP, INT, DME  
 AIRSPACE DOCKET: 20-ASO-7 FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	PAHOKEE	PHK	VOR/DME	H	211.35	211.35	56.31	56.31	4000	23000
2	CYPRESS	CYY	VOR/DME	T	112.51	109.51	31.26	31.26	10000	17500
3	LEE COUNTY	RSW	VORTAC	L	140.33	138.33	44.12	44.12	4000	17500
4	KEY WEST	EYW	VORTAC	H	019.21	020.21	88.79	88.79	7000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PHK	VOR/DME	R-211	57	4000	14600
RSW	VORTAC	R-140	45	4000	17500
EYW	VORTAC	R-019	89	7000	14600

## FIX RESTRICTIONS:

MCA V601 7000 SOUTHBOUND  
 MRA V35 4000  
 MRA B9 4000

## 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	NW	CYY	VOR/DME	112.51	112.51	R	1	10000 17500	11 18
2	NW		WP	294.51	114.51	R	9	11000 23000	11 20

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003097)	255436.35N/0812149.28W	307	5D
2	230	TOWER (12-003047)	260744.89N/0812047.07W	314	1A

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PAHOKEE (FAC 1) AND LEE COUNTY (FAC 3) USED TO ESTABLISH FIX COORDINATES  
 DO NOT CHART FAC 2 ON EN ROUTE LOW CHARTS.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	B9	1, 3, 4				(US)
EN ROUTE	T339					(US)
EN ROUTE	V35	1, 3, 4				(US)
EN ROUTE	V601	1, 3, 4				(US)
IAP	RNAV (GPS) RWY 17			KMKY	MARCO ISLAND	FL (US)
IAP	RNAV (GPS) RWY 35			KMKY	MARCO ISLAND	FL (US)
STAR	CYPRESS	1, 2, 3	1	KHST	HOMESTEAD	FL (US)
STAR	SSCOT (RNAV)		2	KHST	HOMESTEAD	FL (US)
STAR	CYPRESS	1, 2, 3	1	KX51	HOMESTEAD	FL (US)
STAR	SSCOT (RNAV)		2	KX51	HOMESTEAD	FL (US)
STAR	CYPRESS	1, 2, 3	1	K07FA	KEY LARGO	FL (US)
STAR	SSCOT (RNAV)		2	K07FA	KEY LARGO	FL (US)
STAR	CYPRESS	1, 2, 3	1	KMIA	MIAMI	FL (US)
STAR	SSCOT (RNAV)		2	KMIA	MIAMI	FL (US)
STAR	CYPRESS	1, 2, 3	1	KOPF	MIAMI	FL (US)
STAR	SSCOT (RNAV)		2	KOPF	MIAMI	FL (US)
STAR	CYPRESS	1, 2, 3	1	KTMB	MIAMI	FL (US)
STAR	SSCOT (RNAV)		2	KTMB	MIAMI	FL (US)

REQUIRED CHARTING: SECTIONAL, STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 04/22/2021

REASON FOR REVISION:



AIRSPACE DOCKET: ADDED 20-ASO-7.

FIX MAKE-UP FACILITIES: CHANGED FAC 2 (CYY) MRA FROM 4000 TO 10000 - RESTRICTED UNUSABLE BELOW 10000.

ESV: REMOVED CYY VOR/DME ESV INFO - NOT LOCATED IN ESVMS. CHANGED EYW VORTAC MAX ALTITUDE FROM 17500 TO 14600.

HOLDING: CHANGED PAT 1 MIN HOLDING ALTITUDE FROM 5000 TO 10000. CHANGED PAT 1 MIN TEMPLATE FROM 7 TO 11. CHANGED PAT 1 CONTROLLING OBSTRUCTION AIRSPEED FROM 200 TO 230.

FIX USE: ADDED T339. REMOVED FAC 2 FROM ALL AIRWAYS - V35 NOTAM UNUSABLE BETWEEN DEEDS-CURVE. OTHER AIRWAYS DON'T NEED FAC 2 AS XING RADIAL, UNUSABLE BELOW 10000.

REMARKS: ADDED DO NOT CHART FAC 2 ON EN ROUTE CHARTS - CYY IS A TERMINAL VOR/DME WITH NO DOCUMENTED ESV.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW. ADDED SECTIONAL - ATC REQUEST.

INITIATED BY:                      DATE:                      ORGANIZATION:                      NAME:

OFFICE OF PRIMARY RESPONSIBILITY:                      AJV-A423                      NAME: BARRY SMITH

APPROVED BY:                      DATE:                      OFFICE: AJV-A420                      NAME: MARLON ROBINSON

*Digitally signed by*

SIGNATURE:    **ALLAN WILL**

Feb 05, 2021

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: DIDDY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 271838.15N/0805255.92W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 20-ASO-7

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PAHOKEE	PHK	VOR/DME	H	342.11	342.11	33.19	33.19		2000	17500
2	TREASURE	TRV	VORTAC	H	230.67	223.67	30.38	30.38		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

PAHOKEE (FAC 1) AND TREASURE (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T339					(US)
EN ROUTE	V225	1, 2				(US)
EN ROUTE	V267	1, 2				(US)
IAP	RNAV (GPS) RWY 14			KFPR	FORT PIERCE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

TYPE: ADDED WP.

AIRSPACE DOCKET: ADDED 20-ASO-7.

FIX USE: ADDED T339.

REQUIRED CHARTING: ADDED SECTIONAL - ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Feb 05, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: KFPR ATCT

OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KARTR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 252945.76N/0813046.24W

TYPE: WP, DME

AIRSPACE DOCKET: 20-ASO-7

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	LEE COUNTY	RSW	VORTAC	L	169.00	167.00	63.46	63.46		4000	17500
2	KEY WEST	EYW	VORTAC	H	015.00	016.00	56.65	56.65		4000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RSW	VORTAC	R-169	64	4000	17500
EYW	VORTAC	R-015	57	4000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

LEE COUNTY (FAC 1) AND KEY WEST (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q81					(US)
EN ROUTE	T339					(US)
EN ROUTE	V539	1, 2				(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/22/2021

## REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 20-ASO-7.

ESV: CHANGED EYW VORTAC DISTANCE FROM 64 TO 57 AND MAX ALTITUDE FROM 17500 TO 14600.

FIX USE: ADDED T339.

REQUIRED CHARTING: ADDED SECTIONAL - ATC REQUEST.

DISTRIBUTION: CHANGED ATL FPO TO EST FPO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

ALLAN WILL

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: NQX APCH

OTHER:

Feb 05, 2021

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SWAGS **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7  
**LATITUDE/LONGITUDE:** 261037.07N/0810559.93W **TYPE:** WP, INT, DME  
**AIRSPACE DOCKET:** 20-ASO-7 **FIX TYPE OF ACTION:** MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PAHOKEE	PHK	VOR/DME	H	211.35	211.35	42.39	42.39		2000	17500
2	LEE COUNTY	RSW	VORTAC	L	121.95	119.95	42.10	42.10		2300	17500
3	LA BELLE	LBV	VORTAC	L	157.00	158.00	42.00	42.00		5700	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PHK	VOR/DME	R-211	43	2000	14600
RSW	VORTAC	R-122	43	2300	17500
LBV	VORTAC	R-157	42	5700	17500

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

## REMARKS:

PAHOKEE (FAC 1) AND LEE COUNTY (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T339					(US)
EN ROUTE	V529	1, 2, 3				(US)
EN ROUTE	V601	1, 2, 3				(US)
EN ROUTE	V7	1, 2, 3				FL (US)
STAR	JINGL (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	JINGL (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	JINGL (RNAV)			KHWO	HOLLYWOOD	FL (US)
STAR	JINGL (RNAV)			KOPF	MIAMI	FL (US)
STAR	JINGL (RNAV)			KPMP	POMPANO BEACH	FL (US)

**REQUIRED CHARTING:** SECTIONAL, STAR, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 12 **DATE OF REVISION:** 04/22/2021

## REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 20-ASO-7.  
 FIX MAKE-UP FACILITIES: CHANGED FAC 2 (RSW) MRA FROM 2000 TO 2300.  
 ESV: CHANGED PHK VOR/DME MAX ALTITUDE FROM 14500 TO 14600. CHANGED RSW VORTAC MIN ALTITUDE FROM 2000 TO 2300.  
 FIX USE: ADDED T339.  
 REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW. ADDED SECTIONAL - ATC REQUEST.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**  
**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** BARRY SMITH  
**APPROVED BY:** **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON  
**SIGNATURE:** *Digitally signed by* **ALLAN WILL**  
 Feb 05, 2021  
**DISTRIBUTION:** NFDC  
 FPO: EST  
 ARTCC: ZMA  
 ATC FACILITY: RSW APP CON  
 OTHER:

QUALITY  
 3  
 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZAGPO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 262347.41N/0805725.83W

TYPE: WP

AIRSPACE DOCKET: 20-ASO-7

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT CITY

STATE

EN ROUTE

T339

(US)

EN ROUTE

T341

(US)

REQUIRED CHARTING: SECTIONAL, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/22/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

*Digitally signed by*

**ALLAN WILL**

Feb 05, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY:

OTHER:

QUALITY  
3  
CHECKED