

RADIO FIX AND HOLDING DATA RECORD

NAME: CROSS CITY VORTAC STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 293556.40N/0830255.65W 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	FEET	MRA	MAA
1	CROSS CITY	CTY	VORTAC	L							45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	CTY	VORTAC	123.63	303.63	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002822)	293331.50N/0825818.20W	429	1C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 1985/W02.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
EN ROUTE	V159					(US)
EN ROUTE	V295					(US)
EN ROUTE	V35					(US)
EN ROUTE	V521					(US)
EN ROUTE	V7					(US)
IAP	RNAV (GPS) RWY 31			KCTY	CROSS CITY	FL (US)
IAP	VOR RWY 31		1	KCTY	CROSS CITY	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 31 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX USE: STAR JOSFF AT KFMV AND KRSW.
2. REMOVED REQUIRED CHARTING: STAR AND MILITARY STAR.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: BARBARA GORMAN
APPROVED BY:	DATE: 09/05/2024	OFFICE: AJV-A430	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Apr 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: GASPR

STATE: OG

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 273131.94N/0831014.16W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	CROSS CITY	CTY	VORTAC	L	185.00	183.00	124.25	124.25		23000	45000
2	LEE COUNTY	RSW	VORTAC	L	310.87	308.87	95.57	95.57		23000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTY	VORTAC	R-185	125	18000	43000
RSW	VORTAC	R-311	96	10000	43000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

ESV ON FILE FOR FAC 1 & 2.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JOSFF	1, 2		KFMY	FORT MYERS	FL (US)
STAR	JOSFF	1, 2		KRSW	FORT MYERS	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/13/2011

REASON FOR REVISION:

ADDED DIST FROM FAC FOR FAC 1 & 2.
UPDATED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/05/2010

OFFICE: AVN-110

NAME: HOWARD HAWKINS

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Apr 19, 2024

DISTRIBUTION:

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

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HILTI

STATE: OG

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 280003.77N/0830835.05W

TYPE: 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	FEET	MRA	MAA
1	CROSS CITY	CTY	VORTAC	L	185.00	183.00	95.76	95.76		23000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTY	VORTAC	R-185	96	16000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ATC COORDINATION FIX

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

06/16/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/19/2024.

1. DELETED CANCELLATION OF FIX. FIX WILL REMAIN ACTIVE AS AN ATC COORDINATION POINT.
2. DELETED STARS FROM CHARTING AND FIX USE.
3. CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.
4. REMARKS: ADDED ATC COORDINATION FIX.
5. FAC 1 ADDED DISTANCE FROM FAC NM 95.76.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 13, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: JEVES

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 265404.77N/0822158.91W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
TYNEE (RNAV)
TYNEE (RNAV)

FAC

PAT

AIRPORT IDENT
KFMY
KRSW

CITY
FORT MYERS
FORT MYERS

STATE
FL (US)
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX TYPE: DME.
2. REMOVED FIX MAKE-UP FACILITY: CYPRESS (CYY) VOR/DME.
3. REMOVED EXPANDED SERVICE VOLUME: CYY VOR/DME R-328/D55/8000/17500.
4. REMOVED FIX USE: STAR JOSFF AT KFMY AND KRSW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 19, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOSFF

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 270135.32N/0822756.71W

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 DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	328.54	148.54	R	10	15000	17500	16	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (12-002230)	270759.22N/0822339.44W	604	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	TYNEE (RNAV)		1	KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		1	KRSW	FORT MYERS	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX TYPE: INT, DME.
2. REMOVED FIX MAKE-UP FACILITIES: CYPRESS (CYY) VOR/DME, SARASOTA (SRQ) VOR/DME, AND LEE COUNTY (RSW) VORTAC.
3. REMOVED EXPANDED SERVICE VOLUME: CYY VOR/DME R-328/D64/8000/17500; RSW VORTAC R-311/D45/8000/17500.
4. REMOVED HOLDING PATTERN 1 AND ASSOCIATED CONTROLLING OBSTACLE.
5. REMOVED REMARK: CYPRESS (FAC 1) USED TO ESTABLISH FIX COORDINATES.
6. REMOVED FIX USE: STAR JOSFF AT KFMY AND KRSW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 19, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEE COUNTY VORTAC STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 263147.59N/0814632.77W 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	LEE COUNTY	RSW	VORTAC	VL						17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW	RSW	VORTAC	320.99	140.99	R	1		8000 14000	8 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-000674)	264130.01N/0815250.72W	548	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR: W02/1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FORT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	FORT LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	CSHEL (RNAV)			KFMY	FORT MYERS	FL (US)
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KRSW	FORT MYERS	FL (US)
DP	MOOKY			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	CSHEL (RNAV)			KMKY	MARCO ISLAND	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	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	SANFORD			KSFB	ORLANDO	FL (US)
DP	FORT LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	V225					(US)
EN ROUTE	V35					(US)
EN ROUTE	V521					(US)
EN ROUTE	V539					(US)
EN ROUTE	V579					(US)
EN ROUTE	V599					(US)
EN ROUTE	V7					(US)
IAP	ILS OR LOC RWY 5			KFMY	FORT MYERS	FL (US)
IAP	RNAV (GPS) RWY 13			KFMY	FORT MYERS	FL (US)
IAP	RNAV (GPS) RWY 31			KFMY	FORT MYERS	FL (US)
IAP	VOR RWY 13			KFMY	FORT MYERS	FL (US)
IAP	ILS OR LOC/DME RWY 6			KRSW	FORT MYERS	FL (US)
IAP	VOR OR TACAN RWY 24			KRSW	FORT MYERS	FL (US)
IAP	VOR RWY 23			KAPF	NAPLES	FL (US)
IAP	VOR RWY 5			KAPF	NAPLES	FL (US)
IAP	ILS OR LOC RWY 4			KPGD	PUNTA GORDA	FL (US)
IAP	RNAV (GPS) RWY 33			KPGD	PUNTA GORDA	FL (US)
IAP	RNAV (GPS) RWY 4			KPGD	PUNTA GORDA	FL (US)
STAR	TTYLR			KBCT	BOCA RATON	FL (US)
STAR	BRDGE			KCLW	CLEARWATER	FL (US)
STAR	FORTL		1	KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL		1	KFXE	FORT LAUDERDALE	FL (US)
STAR	SHFTY (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	SHFTY (RNAV)			KRSW	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KRSW	FORT MYERS	FL (US)
STAR	FORTL		1	KHWO	HOLLYWOOD	FL (US)
STAR	PALMZ			KHST	HOMESTEAD	FL (US)

QUALITY
14
CHECKED

STAR	PALMZ	X51	HOMESTEAD	FL (US)
STAR	TTYLR	06FA	JUPITER	FL (US)
STAR	PALMZ	07FA	KEY LARGO	FL (US)
STAR	MINEE	KLEE	LEESBURG	FL (US)
STAR	SHFTY (RNAV)	KMKY	MARCO ISLAND	FL (US)
STAR	MINEE	KCOI	MERRITT ISLAND	FL (US)
STAR	PALMZ	KMIA	MIAMI	FL (US)
STAR	FORTL	KOPF	MIAMI	FL (US)
STAR	PALMZ	KOPF	MIAMI	FL (US)
STAR	PALMZ	KTMB	MIAMI	FL (US)
STAR	SHFTY (RNAV)	KAPF	NAPLES	FL (US)
STAR	MINEE	KISM	ORLANDO	FL (US)
STAR	MINEE	KMCO	ORLANDO	FL (US)
STAR	MINEE	KORL	ORLANDO	FL (US)
STAR	MINEE	KSFB	ORLANDO	FL (US)
STAR	FORTL	KPMP	POMPANO BEACH	FL (US)
STAR	BRDGE	KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE	KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	TTYLR	KSUA	STUART	FL (US)
STAR	BRDGE	KMCF	TAMPA	FL (US)
STAR	BRDGE	KTPA	TAMPA	FL (US)
STAR	BRDGE	KTPF	TAMPA	FL (US)
STAR	BRDGE	KVDF	TAMPA	FL (US)
STAR	MINEE	KTIX	TITUSVILLE	FL (US)
STAR	TTYLR	F45	WEST PALM BEACH	FL (US)
STAR	TTYLR	KLNA	WEST PALM BEACH	FL (US)
STAR	TTYLR	KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

REMOVED FIX USE: STAR JOSFF (KFMY) AND BAY VISUAL RWY 6 (KRSW).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Apr 19, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PASTR STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 262624.99N/0820009.33W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	TYNEE (RNAV)			KRSW	FORT MYERS	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX TYPE: INT, DME.
2. REMOVED FIX MAKE-UP FACILITY: CYPRESS (CYY) VOR/DME AND LEE COUNTY (RSW) VORTAC.
3. REMOVED EXPANDED SERVICE VOLUME: CYY VOR/DME R-328/D21/5000/17500.
4. REMOVED FIX USE: STAR JOSFF AT KFMV AND KRSW.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: BARBARA GORMAN
APPROVED BY:	DATE: 09/05/2024	OFFICE: AJV-A430	NAME: CASIMIR TABAKA

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Apr 19, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEMINOLE VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 303322.42N/0842226.19W

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 FEET	MRA	MAA
1	SEMINOLE	SZW	VORTAC	VH						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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		WP	109.71	289.71	R	4	2100 6000	5 6
2	N	SZW	VORTAC	001.60	181.60	R	1	3000 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	1048	3D
2	200	TOWER (12-002488)	303107.00N/0842705.00W	624	5D
2	310	TOWER (13-001504)	304749.71N/0841927.10W	1062	1A
3	200	TOWER (12-002488)	303107.00N/0842705.00W	624	5D
3	310	TOWER (13-001504)	304749.71N/0841927.10W	1062	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

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

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR 2 DEGREES EAST (1965).

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	ST PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
EN ROUTE	V198					FL (US)
EN ROUTE	V295					FL (US)
EN ROUTE	V7					FL (US)
EN ROUTE	V97					FL (US)
IAP	RNAV (GPS)-A		1	2J9	QUINCY	FL (US)
IAP	HI-ILS Y OR LOC Y RWY 36			KTLH	TALLAHASSEE	FL (US)
IAP	HI-VOR OR TACAN RWY 36			KTLH	TALLAHASSEE	FL (US)
IAP	ILS OR LOC RWY 27			KTLH	TALLAHASSEE	FL (US)
IAP	ILS RWY 27 (CAT II)			KTLH	TALLAHASSEE	FL (US)
IAP	ILS Z OR LOC Z RWY 36		2	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			70J	CAIRO	GA (US)
IAP	RNAV (GPS) RWY 13			70J	CAIRO	GA (US)
IAP	NDB RWY 22			KTVI	THOMASVILLE	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 33

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX USE: STAR JOSFF AT KFMV AND KRSW.
2. REMOVED REQUIRED CHARTING: STAR AND MILITARY STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

QUALITY
14
CHECKED

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ST PETERSBURG VORTAC STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275427.95N/0824103.51W

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 FEET	MRA	MAA
1	ST PETERSBURG	PIE	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	W	PIE	VORTAC	276.00	096.00	R	1	2000 6000	4 5
2	NW		WP	337.35	157.35	R	4	2000 6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002201)	275201.58N/0823725.87W	660	1A
1	310	TOWER (12-002201)	275201.58N/0823725.87W	660	1A
2	200	TOWER (12-002427)	275646.00N/0824710.00W	378	5D

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 19R	KTPA	TAMPA	FL (US)
1	ILS RWY 1L (SA CAT I)	KTPA	TAMPA	FL (US)
1	ILS OR LOC RWY 1L	KTPA	TAMPA	FL (US)
1	ILS RWY 1L (CAT II & III)	KTPA	TAMPA	FL (US)

REMARKS:

ASSIGNED FACILITY MAGVAR: 5W (2010).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	MOOKY			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	NAPLES			KAPF	NAPLES	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	ST PETE			KPIE	ST PETERSBURG/CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
EN ROUTE	Q104					(US)
EN ROUTE	V152					(US)
EN ROUTE	V35					(US)
EN ROUTE	V441					(US)
EN ROUTE	V509					(US)
EN ROUTE	V533					(US)
EN ROUTE	V579					(US)
EN ROUTE	V581					(US)
EN ROUTE	V97					(US)
IAP	ILS OR LOC RWY 9			KBKV	BROOKSVILLE	FL (US)
IAP	ILS OR LOC RWY 10			KLAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (CAT II&III)			KLAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (SA CAT I)			KLAL	LAKELAND	FL (US)
IAP	VOR RWY 10			KLAL	LAKELAND	FL (US)
IAP	VOR RWY 28			KLAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 10			KPCM	PLANT CITY	FL (US)
IAP	RNAV (GPS) RWY 14			KSRQ	SARASOTA (BRADENTON)	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	RNAV (GPS) RWY 22			KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	VOR RWY 14			KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 18			KSPG	ST PETERSBURG	FL (US)
IAP	RNAV (GPS) RWY 7			KSPG	ST PETERSBURG	FL (US)
IAP	ILS OR LOC RWY 18			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 36			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS RWY 18 (SA CAT I & II)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	NORTH BAY VISUAL RWY 18			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	RNAV (GPS) RWY 18			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	RNAV (GPS) RWY 36			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	VOR RWY 36			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	VOR RWY 4			KPIE	ST PETERSBURG-CLEARWATER	FL (US)

QUALITY
14
CHECKED

IAP	VOR-B		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 19L		KTPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 19R	1	KTPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 1L	1	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	ILS RWY 1L (CAT II & III)	1	KTPA	TAMPA	FL (US)
IAP	ILS RWY 1L (SA CAT I)	1	KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 10		KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 19R		KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 1L		KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 28		KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 22		KTPF	TAMPA	FL (US)
IAP	ILS OR LOC RWY 23	1	KVDF	TAMPA	FL (US)
STAR	TTYLR		KBCT	BOCA RATON	FL (US)
STAR	BRDGE		KCLW	CLEARWATER	FL (US)
STAR	FORTL		KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL		KFXE	FORT LAUDERDALE	FL (US)
STAR	PUMPP		KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		KFMY	FORT MYERS	FL (US)
STAR	PUMPP		KRSW	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		KRSW	FORT MYERS	FL (US)
STAR	FORTL		KHWO	HOLLYWOOD	FL (US)
STAR	PALMZ		KHST	HOMESTEAD	FL (US)
STAR	PALMZ		X51	HOMESTEAD	FL (US)
STAR	TTYLR		06FA	JUPITER	FL (US)
STAR	PALMZ		07FA	KEY LARGO	FL (US)
STAR	MINEE		KLEE	LEESBURG	FL (US)
STAR	ZEILR		KMKY	MARCO ISLAND	FL (US)
STAR	MINEE		KCOI	MERRITT ISLAND	FL (US)
STAR	PALMZ		KMIA	MIAMI	FL (US)
STAR	FORTL		KOPF	MIAMI	FL (US)
STAR	PALMZ		KOPF	MIAMI	FL (US)
STAR	PALMZ		KTMB	MIAMI	FL (US)
STAR	ZEILR		KAPF	NAPLES	FL (US)
STAR	MINEE		KISM	ORLANDO	FL (US)
STAR	MINEE		KMCO	ORLANDO	FL (US)
STAR	MINEE		KORL	ORLANDO	FL (US)
STAR	MINEE		KSFB	ORLANDO	FL (US)
STAR	FORTL		KPMP	POMPANO BEACH	FL (US)
STAR	BRDGE		KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	TTYLR		KSUA	STUART	FL (US)
STAR	BRDGE		KMCF	TAMPA	FL (US)
STAR	BRDGE		KTPA	TAMPA	FL (US)
STAR	BRDGE		KTPF	TAMPA	FL (US)
STAR	BRDGE		KVDF	TAMPA	FL (US)
STAR	MINEE		KTIX	TITUSVILLE	FL (US)
STAR	TTYLR		F45	WEST PALM BEACH	FL (US)
STAR	TTYLR		KLNA	WEST PALM BEACH	FL (US)
STAR	TTYLR		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 34

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX USE: STAR JOSFF AT KFMY AND KRSW; IAP RNAV (GPS) RWY 18 AT KSPG.
2. ADDED FIX USE: STAR PUMPP AT KFMY AND KRSW.

07/18/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/19/2024.

1. REMOVED KSPG VOR RWY 18 FROM PROCEDURES REQUIRING CLIMB IN HOLD.
2. REMOVED KSPG VOR RWY 18 FROM FIX USE.
3. REMOVED PAT 1 PIE VORTAC FROM PATTERNS.
4. UPDATED PAT 2 AND PAT 3 TO PAT 1 AND PAT 2.
5. REMOVED CONTROLLING OBSTACLES FOR PAT 1.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Apr 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SWABE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 283516.32N/0830631.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
Q104

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX TYPE: DME.
2. REMOVED FIX MAKE-UP FACILITIES: SEMINOLE (SZW) VORTAC AND CROSS CITY (CTY) VORTAC.
3. REMOVED EXPANDED SERVICE VOLUME: SZW VORTAC R-148/D136/24000/450000; CTY VORTAC R-185/D61/24000/45000.
4. REMOVED FIX USE: STAR JOSFF AT KFMY AND KRSW.
5. REMOVED REMARK: SEMINOLE (FAC 1) USED TO ESTABLISHED FIX COORDINATES.
6. REMOVED REQUIRED CHARTING: STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Apr 19, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: TAYLOR VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 303016.70N/0823310.45W

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 FEET	MRA	MAA
1	TAYLOR	TAY	VORTAC	H						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	N	TAY	VORTAC	003.00	183.00	R	1	2000 23000	4 19
2	W	TAY	VORTAC	275.00	095.00	R	1	2000 23000	4 19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001453)	302941.00N/0823605.00W	425	5D
2	200	TOWER (12-000522)	303105.60N/0824022.35W	454	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PAT 1 AND 2 USED BY ATC FOR FLOW CONTROL.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
TAY VORTAC MAGVAR 3W (1985).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG/CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
EN ROUTE	J2					(US)
EN ROUTE	T204					(US)
EN ROUTE	T210					(US)
EN ROUTE	V157					(US)
EN ROUTE	V198					(US)
IAP	ILS OR LOC RWY 29			KGNV	GAINESVILLE	FL (US)
IAP	RNAV (GPS) RWY 10			KLCQ	LAKE CITY	FL (US)
STAR	FORTL			KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL			KFXE	FORT LAUDERDALE	FL (US)
STAR	FORTL			KHWO	HOLLYWOOD	FL (US)
STAR	FORTL			KOPF	MIAMI	FL (US)
STAR	FORTL			KPMP	POMPANO BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX USE: STAR JOSFF AT KFMV AND KRSW; STAR ZEILR AT KMKY AND KAPF.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AVJ-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 19, 2024

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TEPEE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 280001.13N/0822159.53W

TYPE: INT, DME

AIRSPACE DOCKET: 19-ASO-7

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	TAYLOR	TAY	VORTAC	H	179.22	176.22	150.20	150.20	18000	45000
2	ST PETERSBURG	PIE	VORTAC	H	076.77	071.77		17.77	18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TAY	VORTAC	R-179	151	18000	45000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

TAYLOR (FAC 1) AND ST PETERSBURG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JOSFF	1, 2		KFMY	FORT MYERS	FL (US)
STAR	JOSFF	1, 2		KRSW	FORT MYERS	FL (US)
STAR	ZEILR	1, 2		KMKY	MARCO ISLAND	FL (US)
STAR	ZEILR	1, 2		KAPF	NAPLES	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 04/22/2021

REASON FOR REVISION:

UPDATED FIX USE, REMOVED ALL STAR FORTL USAGE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

CASIMIR L TABAKA

Apr 19, 2024

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: FLL APP CON
OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TYNEE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 264750.66N/0821702.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	328.62	148.62	L		7	11000	21000	10	19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003724)	265348.00N/0821426.00W	842	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 REQUESTED BY ATC

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	TYNEE (RNAV)		1	KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		1	KRSW	FORT MYERS	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. REMOVED FIX TYPE: INT, DME.
2. REMOVED FIX MAKE-UP FACILITIES: CYPRESS (CYY) VOR/DME, LA BELLE (LBV) VORTAC, AND SARASOTA (SRQ) VOR/DME.
3. REMOVED EXPANDED SERVICE VOLUME: CYY VOR/DME R-328/D48/5000/17500; LBV VORTAC R-267/D48/5000/17500.
4. REMOVED REMARK: CYPRESS (FAC 1) AND SARASOTA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
5. REMOVED FIX USE: STAR JOSFF AT KFMY AND KRSW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 19, 2024

