

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 263147.55N/0814632.76W **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	LEE COUNTY	RSW	VORTAC	L						45000

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

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	POMPAÑO 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	BAY VISUAL RWY 6			KRSW	FORT MYERS	FL (US)
IAP	ILS OR LOC/DME RWY 6			KRSW	FORT MYERS	FL (US)
IAP	VOR/DME 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	JOSFF			KFMY	FORT MYERS	FL (US)
STAR	SHFTY (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	JOSFF			KRSW	FORT MYERS	FL (US)
STAR	SHIFTY (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)
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	SHIFTY (RNAV)		KMKY	MARCO ISLAND	FL (US)
STAR	MINEE		KCOI	MERRITT ISLAND	FL (US)
STAR	PALMZ		KMIA	MIAMI	FL (US)
STAR	FORTL	1	KOPF	MIAMI	FL (US)
STAR	PALMZ		KOPF	MIAMI	FL (US)
STAR	PALMZ		KTMB	MIAMI	FL (US)
STAR	SHIFTY (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	1	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: 17

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

1. CHANGED PAT 1 INBOUND COURSE FROM 121.97 TO 140.99
2. CHANGED PAT 1 RAD/CRS/BRG FROM 301.97 TO 320.99
3. CHANGED PAT 1 CONTROLLING OBSTACLE FROM 510 TOWER TO 548 TOWER

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PUNTA GORDA VOR **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 265500.38N/0815928.49W **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	PUNTA GORDA	PGD	VOR	T						12000

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	NE	PGD	VOR	041.96	221.96	R	1	1600 6000	4 5
2	SW	PGD	VOR	204.91	024.91	L	1	1600 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003848)	265903.00N/0820233.00W	509	2C
1	310	TOWER (12-003848)	265903.00N/0820233.00W	509	2C
2	200	TOWER (12-002478)	265338.00N/0820302.00W	380	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 22	KPGD	PUNTA GORDA	FL (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4	1	2	KPGD	PUNTA GORDA	FL (US)
IAP	VOR RWY 22	1	1	KPGD	PUNTA GORDA	FL (US)
IAP	VOR RWY 4	1	2	KPGD	PUNTA GORDA	FL (US)
STAR	TTYLR			KBCT	BOCA RATON	FL (US)
STAR	TTYLR			06FA	JUPITER	FL (US)
STAR	TTYLR			KSUA	STUART	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: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 08/12/2021

REASON FOR REVISION:

ADDED TTYLR STAR TO FIX USE AT: KPBI, KLNA, KF45, KSUA, KBCT, K0FA.
ADDED CONTROLLER LOW TO REQUIRED CHARTING

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: CASEY HILL
APPROVED BY:	DATE: 04/01/2021	OFFICE: AJV-A430	NAME: LONNIE EVERHART
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: SARASOTA VOR/DME **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 272425.26N/0823349.18W **TYPE:**
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	FEET	MRA	MAA
1	SARASOTA	SRQ	VOR/DME	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (12-002454)	272431.15N/0821459.32W	1749	3C

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 7000 FEET.

REMARKS:

UNPLANNED HOLDING OBSTACLE LOCATED 2960 FEET FROM INNER EDGE OF SECONDARY AREA.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 SRQ MAGVAR 5W.

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	MOOKY			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KMKY	MARCO ISLAND	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	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	Q100					(US)
EN ROUTE	V579					(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 14			KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 32			KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 4			KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	VOR RWY 14			KSRQ	SARASOTA/BRADENTON	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 (CAT II)	1		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS RWY 18 (SA CAT I)			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/DME-B (SPECIAL)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 19L (ALTERNATE MISSED)			KTPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 19R (ALTERNATE MISSED)			KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (CAT II) (ALTERNATE MISSED)			KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (SA CAT I) (ALTERNATE MISSED)			KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 36			KTPF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 5			KVDF	TAMPA	FL (US)
STAR	PRRIE (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	FORTL			KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL			KFXE	FORT LAUDERDALE	FL (US)
STAR	JOSFF			KFMY	FORT MYERS	FL (US)
STAR	JOSFF			KRSW	FORT MYERS	FL (US)
STAR	FORTL			KHWO	HOLLYWOOD	FL (US)
STAR	CYPRESS			KHST	HOMESTEAD	FL (US)
STAR	CYPRESS			X51	HOMESTEAD	FL (US)
STAR	WLACE (RNAV)			06FA	JUPITER	FL (US)
STAR	CYPRESS			07FA	KEY LARGO	FL (US)
STAR	BLOND (RNAV)			KLAL	LAKELAND	FL (US)
STAR	MINEE			KLEE	LEESBURG	FL (US)
STAR	ZEILR			KMKY	MARCO ISLAND	FL (US)

STAR	MINEE	KCOI	MERRITT ISLAND	FL (US)
STAR	CYPRESS	KMIA	MIAMI	FL (US)
STAR	CYPRESS	KOPF	MIAMI	FL (US)
STAR	FORTL	KOPF	MIAMI	FL (US)
STAR	CYPRESS	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	BLOND (RNAV)	KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	CLAMP	KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BLOND (RNAV)	KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DEAKK (RNAV)	KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	WLACE (RNAV)	KSUA	STUART	FL (US)
STAR	BLOND (RNAV)	KMCF	TAMPA	FL (US)
STAR	DEAKK (RNAV)	KMCF	TAMPA	FL (US)
STAR	BLOND (RNAV)	KTPA	TAMPA	FL (US)
STAR	DEAKK (RNAV)	KTPA	TAMPA	FL (US)
STAR	BLOND (RNAV)	KVDF	TAMPA	FL (US)
STAR	DEAKK (RNAV)	KVDF	TAMPA	FL (US)
STAR	MINEE	KTIX	TITUSVILLE	FL (US)
STAR	CLAMP	KVNC	VENICE	FL (US)
STAR	WLACE (RNAV)	F45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KLNA	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

AIRSPACE DOCKET: ADD 9-ASO-7

FIX USE: DELETE J614 AND J616

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: LEE STUCKEY

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: PIE TOWER, SRQ APP CON, TPA APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TTYLR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 265558.59N/0805821.09W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

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	L	062.62	060.62	49.43	49.43		3000	17500
2	PALM BEACH	PBI	VORTAC	H	290.84	287.84	49.91	49.91		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PBI	VORTAC	R-291	50	3000	14600
RSW	VORTAC	R-063	50	3000	17500

REMARKS:

LEE COUNTY (FAC1) AND PALM BEACH (FAC2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	TTYLR	1, 2		KBCT	BOCA RATON	FL (US)
STAR	TTYLR	1, 2		06FA	JUPITER	FL (US)
STAR	TTYLR	1, 2		KSUA	STUART	FL (US)
STAR	TTYLR	1, 2		F45	WEST PALM BEACH	FL (US)
STAR	TTYLR	1, 2		KLNA	WEST PALM BEACH	FL (US)
STAR	TTYLR	1, 2		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/12/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CASEY HILL

APPROVED BY:

DATE: 08/12/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE: