

RADIO FIX AND HOLDING DATA RECORD

NAME: CROWD

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 274001.46N/0815740.19W

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	FEET	MRA	MAA
1	ST PETERSBURG	PIE	VORTAC	H	115.35	110.35	41.09	41.09		5000	17500
2	LAKELAND	LAL	VORTAC	H	170.63	171.63	19.30	19.30		2300	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PIE	VORTAC	R-115	42	5000	14500

FIX RESTRICTIONS:

MRA V7 5000

INFORMATION ONLY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CROWD (RNAV)			KTPA	TAMPA	FL (US)
EN ROUTE	V509	1, 2				(US)
EN ROUTE	V7	1, 2				(US)
IAP	RNAV (GPS) RWY 10			KAVO	AVON PARK	FL (US)
IAP	RNAV (GPS) RWY 5			KAVO	AVON PARK	FL (US)
IAP	RNAV (GPS) RWY 9L			KBOW	BARTOW	FL (US)
IAP	RNAV (GPS) RWY 6			X07	LAKE WALES	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

REMOVED CONTROLLER ADDED CONTROLLER LOW TO CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: EXHUD

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275450.12N/0815608.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT
X07

CITY
LAKE WALES

STATE
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/11/2011

OFFICE: AJV-352

NAME: DONALD SMITH (DAN POWELL)

APPROVED BY:

DATE: 05/19/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LIDDE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275233.61N/0813910.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT
X07

CITY
LAKE WALES

STATE
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/25/2011

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/09/2011

OFFICE: AJV-352

NAME: DONALD SMITH (DAN POWELL)

APPROVED BY:

DATE: 05/19/2011

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

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

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: WIRGA

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275104.33N/0814201.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT
X07

CITY
LAKE WALES

STATE
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

FIX COORDINATES CHANGED FROM 275048.71N/814230.93W TO 275104.332N/0814201.128W. FIX MOVED 3105.79 FT NE.
REMOVED REMARK "PFAF COORDINATES ESTABLISHED USING 8260.54A FORMULA 2-16B."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ZETOK

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 274742.10N/0814826.24W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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	SW		WP	246.41	066.41	R	4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003886)	274456.10N/0815331.30W	570	4D

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 6		1	X07	LAKE WALES	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

INFORMATION ONLY

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

UPDATED PAT 1 CRS INBOUND FROM 062.41 TO 066.41.
UPDATED PAT 1 OBSTACLE ACCURACY CODE FROM 5D TO 4D.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LAKELAND VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275910.31N/0820050.06W

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	LAKELAND	LAL	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	LAL	VORTAC	095.09	275.09	L	1		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		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)	275628.60N/0815451.30W	829	2C
2	200	TOWER (12-020527)	275436.16N/0815932.06W	550	1A
3	200	TOWER (12-020527)	275436.16N/0815932.06W	550	1A
4	200	TOWER (12-020527)	275436.16N/0815932.06W	550	1A
5	200	TOWER (12-020527)	275436.16N/0815932.06W	550	1A
6	200	TOWER (12-020527)	275436.16N/0815932.06W	550	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: E1 EPOCH YR: 1965.

INFORMATION ONLY

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	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	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	V157					(US)
EN ROUTE	V441					(US)
EN ROUTE	V511					(US)
EN ROUTE	V521					(US)
EN ROUTE	V533					(US)
EN ROUTE	V7					(US)
IAP	RNAV (GPS) RWY 27R			KBOW	BARTOW	FL (US)
IAP	VOR RWY 9L		6	KBOW	BARTOW	FL (US)
IAP	ILS OR LOC RWY 9			KBKV	BROOKSVILLE	FL (US)
IAP	RNAV (GPS) RWY 6			X07	LAKE WALES	FL (US)
IAP	VOR/DME-B		4	X07	LAKE WALES	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	ILS OR LOC RWY 15			KISM	ORLANDO	FL (US)
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 18R			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R			KMCO	ORLANDO	FL (US)

IAP	ILS RWY 17L (CAT II & III)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (SA CAT I)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17R (CAT II)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (CAT II & III)		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (SA CAT I)		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	ILS OR LOC RWY 18		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS RWY 18 (SA CAT I & 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 19L (CAT II)		KTPA	TAMPA	FL (US)
IAP	ILS RWY 19L (SA CAT I)		KTPA	TAMPA	FL (US)
IAP	LOC RWY 1R	6	KTPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 1R		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-A	3	KGIF	WINTER HAVEN	FL (US)
STAR	GOOFY		X04	APOPKA	FL (US)
STAR	BRDGE		KCLW	CLEARWATER	FL (US)
STAR	GOOFY		KLEE	LEESBURG	FL (US)
STAR	MINEE		KLEE	LEESBURG	FL (US)
STAR	GOOFY		KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE		KCOI	MERRITT ISLAND	FL (US)
STAR	GOOFY		KISM	ORLANDO	FL (US)
STAR	LEESE		KISM	ORLANDO	FL (US)
STAR	MINEE		KISM	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	MINEE		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KORL	ORLANDO	FL (US)
STAR	LEESE		KORL	ORLANDO	FL (US)
STAR	MINEE		KORL	ORLANDO	FL (US)
STAR	GOOFY		KSFB	ORLANDO	FL (US)
STAR	MINEE		KSFB	ORLANDO	FL (US)
STAR	BRDGE		KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DADES (RNAV)		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	BRDGE		KMCF	TAMPA	FL (US)
STAR	DADES (RNAV)		KMCF	TAMPA	FL (US)
STAR	BRDGE		KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)		KTPA	TAMPA	FL (US)
STAR	BRDGE		KTPF	TAMPA	FL (US)
STAR	BRDGE		KVDF	TAMPA	FL (US)
STAR	DADES (RNAV)		KVDF	TAMPA	FL (US)
STAR	GOOFY		KTIX	TITUSVILLE	FL (US)
STAR	MINEE		KTIX	TITUSVILLE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 31

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED STAR LZARD FOR KPSG, KPIE, KMCF, KTPA, KTPF, KVDF FROM FIX USE.

REMOVED STAR DARBS FOR KPSG, KPIE, KMCF, KTPA, KTPF FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

INFORMATION ONLY