

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	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	LAL	VORTAC	095.09	275.09	L	1	2000 17500	4 16
2	W		WP	280.81	100.81	R		2000 17500	4 17
3	W	LAL	VORTAC	251.00	071.00	R	1	2000 17500	4 16
4	W		WP	257.00	077.00	R		2000 6000	4 6
5	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

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.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ALICO			RSW	FORT MYERS	FL (US)
DP	MOOKY			RSW	FORT MYERS	FL (US)
DP	SCUBY			RSW	FORT MYERS	FL (US)
DP	MELBOURNE			MLB	MELBOURNE	FL (US)
DP	NAPLES			APF	NAPLES	FL (US)
DP	CITRUS			MCO	ORLANDO	FL (US)
DP	ORLANDO			MCO	ORLANDO	FL (US)
DP	SANFORD			SFB	ORLANDO	FL (US)
DP	SARASOTA			SRQ	SARASOTA/BRADENTON	FL (US)
DP	ST PETE			PIE	ST PETERSBURG/CLEARWATER	FL (US)
DP	LGTNG			TPA	TAMPA	FL (US)
DP	TAMPA			TPA	TAMPA	FL (US)
EN ROUTE	V157					(US)
EN ROUTE	V441					(US)
EN ROUTE	V511					(US)
EN ROUTE	V533					(US)
EN ROUTE	V7					(US)
IAP	RNAV (GPS) RWY 27R			BOW	BARTOW	FL (US)
IAP	ILS OR LOC RWY 9			BKV	BROOKSVILLE	FL (US)
IAP	RNAV (GPS) RWY 6			X07	LAKE WALES	FL (US)
IAP	ILS OR LOC RWY 10			LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (CAT II & III)			LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (SA CAT I)			LAL	LAKELAND	FL (US)
IAP	ILS OR LOC RWY 15			ISM	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17L			MCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17R			MCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 18R			MCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R			MCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (CAT II & III)			MCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (SA CAT I)			MCO	ORLANDO	FL (US)
IAP	ILS RWY 17R (CAT II)			MCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (CAT II & III)			MCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (SA CAT I)			MCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 10		2	PCM	PLANT CITY	FL (US)
IAP	VOR RWY 28		1	PCM	PLANT CITY	FL (US)
IAP	ILS OR LOC RWY 14			SRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 32			SRQ	SARASOTA (BRADENTON)	FL (US)
IAP	VOR RWY 14			SRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 18			PIE	ST PETERSBURG-CLEARWATER	FL (US)

IAP	ILS RWY 18 (SA CAT I & II)		PIE	ST PETERSBURG/CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 19L		TPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 19R		TPA	TAMPA	FL (US)
IAP	ILS RWY 19L (CAT II)		TPA	TAMPA	FL (US)
IAP	ILS RWY 19L (SA CAT I)		TPA	TAMPA	FL (US)
IAP	LOC RWY 1R	5	TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 1R		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 22	4	TPF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 36	4	TPF	TAMPA	FL (US)
IAP	ILS OR LOC RWY 23	1	VDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 23	4	VDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 5		VDF	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 18		CHN	WAUCHULA	FL (US)
IAP	RNAV (GPS) RWY 5		GIF	WINTER HAVEN	FL (US)
STAR	MINEE		LEE	LEESBURG	FL (US)
STAR	MINEE		COI	MERRITT ISLAND	FL (US)
STAR	LEESE		ISM	ORLANDO	FL (US)
STAR	MINEE		ISM	ORLANDO	FL (US)
STAR	LEESE		MCO	ORLANDO	FL (US)
STAR	MINEE		MCO	ORLANDO	FL (US)
STAR	LEESE		ORL	ORLANDO	FL (US)
STAR	MINEE		ORL	ORLANDO	FL (US)
STAR	MINEE		SFB	ORLANDO	FL (US)
STAR	DADES (RNAV)		PIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DADES (RNAV)		MCF	TAMPA	FL (US)
STAR	DADES (RNAV)		TPA	TAMPA	FL (US)
STAR	DADES (RNAV)		VDF	TAMPA	FL (US)
STAR	MINEE		TIX	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: 35

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. FIX USE: REMOVED VOR RWY 9L AT BOW - PROCEDURE CANCELLED.
2. FIX USE: REMOVED VOR-A AT GIF - PROCEDURE CANCELLED.
3. FIX USE: REMOVED VOR RWY 10/28 AT LAL - PROCEDURE CANCELLED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TODD DAMRON

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A421

NAME: TARA MARTINELLI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PLUMY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281015.23N/0820749.94W

TYPE: WP, INT, DME

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	MRA	MAA
1	ST PETERSBURG	PIE	VORTAC	H	066.70	061.70	33.35	33.35	2000	17500
2	LAKELAND	LAL	VORTAC	VH	329.78	330.78	12.67	12.67	1800	17500

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	PIE	VORTAC	066.70	246.70	R	1		2000	6000	5	7
2	NE		WP	061.00	241.00	R		4	2000	6000	4	6
3	NE		WP	063.00	243.00	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002037)	281237.40N/0820257.47W	726	1A
2	200	TOWER (12-002037)	281237.40N/0820257.47W	726	1A
3	200	TOWER (12-002037)	281237.40N/0820257.47W	726	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

ST PETERSBURG (FAC 1) AND LAKELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
HOLDING PATTERNS TWO AND THREE HAVE THE SAME TRUE COURSE HEADINGS.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V152	1, 2				(US)
IAP	ILS OR LOC RWY 10	1, 2	1	LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (CAT II & III)	1, 2	1	LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (SA CAT I)	1, 2	1	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 23		3	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 10		3	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 28		3	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 5		3	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) Y RWY 28		3	LAL	LAKELAND	FL (US)
IAP	RNAV (RNP) Z RWY 28		3	LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 10			PCM	PLANT CITY	FL (US)
IAP	RNAV (GPS) RWY 5		2	GIF	WINTER HAVEN	FL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. DELETED AIRSPACE DOCKET 24-ASO-14.
2. FIX USE: DELETED VOR RWY 10 AND VOR RWY 28 AT LAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

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: 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	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

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 1L	TPA	TAMPA	FL (US)
1	ILS RWY 1L (SA CAT I)	TPA	TAMPA	FL (US)
1	ILS RWY 1L (CAT II & III)	TPA	TAMPA	FL (US)
1	ILS OR LOC RWY 19R	TPA	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			RSW	FORT MYERS	FL (US)
DP	MOOKY			RSW	FORT MYERS	FL (US)
DP	SCUBY			RSW	FORT MYERS	FL (US)
DP	MELBOURNE			MLB	MELBOURNE	FL (US)
DP	NAPLES			APF	NAPLES	FL (US)
DP	CITRUS			MCO	ORLANDO	FL (US)
DP	ORLANDO			MCO	ORLANDO	FL (US)
DP	SANFORD			SFB	ORLANDO	FL (US)
DP	SARASOTA			SRQ	SARASOTA/BRADENTON	FL (US)
DP	ST PETE			PIE	ST PETERSBURG/CLEARWATER	FL (US)
DP	LG TNG			TPA	TAMPA	FL (US)
DP	TAMPA			TPA	TAMPA	FL (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			BKV	BROOKSVILLE	FL (US)
IAP	ILS OR LOC RWY 10			LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (CAT II&III)			LAL	LAKELAND	FL (US)
IAP	ILS RWY 10 (SA CAT I)			LAL	LAKELAND	FL (US)
IAP	RNAV (GPS) RWY 10			PCM	PLANT CITY	FL (US)
IAP	RNAV (GPS) RWY 14			SRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 14			SRQ	SARASOTA/BRADENTON	FL (US)
IAP	ILS OR LOC RWY 32			SRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 22			SRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 18		2	SPG	ST PETERSBURG	FL (US)
IAP	RNAV (GPS) RWY 7			SPG	ST PETERSBURG	FL (US)
IAP	ILS OR LOC RWY 18			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS OR LOC RWY 36			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	ILS RWY 18 (SA CAT I & II)			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	NORTH BAY VISUAL RWY 18			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	RNAV (GPS) RWY 18			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	RNAV (GPS) RWY 36			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	VOR RWY 36			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	VOR RWY 4			PIE	ST PETERSBURG-CLEARWATER	FL (US)
IAP	VOR-B			PIE	ST PETERSBURG-CLEARWATER	FL (US)

IAP	ILS OR LOC RWY 19L		TPA	TAMPA	FL (US)
IAP	ILS RWY 19L (CAT II)		TPA	TAMPA	FL (US)
IAP	ILS RWY 19L (SA CAT I)		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 10		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 19R		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 28		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) RWY 22		TPF	TAMPA	FL (US)
IAP	ILS OR LOC RWY 23	1	VDF	TAMPA	FL (US)
IAP	ILS OR LOC RWY 19R	1	TPA	TAMPA	FL (US)
IAP	ILS OR LOC RWY 1L	1	TPA	TAMPA	FL (US)
IAP	ILS RWY 1L (CAT II & III)	1	TPA	TAMPA	FL (US)
IAP	ILS RWY 1L (SA CAT I)	1	TPA	TAMPA	FL (US)
IAP	LOC RWY 1R		TPA	TAMPA	FL (US)
IAP	RNAV (GPS) Y RWY 1L		TPA	TAMPA	FL (US)
STAR	TTYLR		BCT	BOCA RATON	FL (US)
STAR	FORTL		FLL	FORT LAUDERDALE	FL (US)
STAR	FORTL		FXE	FORT LAUDERDALE	FL (US)
STAR	PUMPP		FMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		FMY	FORT MYERS	FL (US)
STAR	PUMPP		RSW	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)		RSW	FORT MYERS	FL (US)
STAR	FORTL		HWO	HOLLYWOOD	FL (US)
STAR	PALMZ		HST	HOMESTEAD	FL (US)
STAR	PALMZ		X51	HOMESTEAD	FL (US)
STAR	TTYLR		06FA	JUPITER	FL (US)
STAR	PALMZ		07FA	KEY LARGO	FL (US)
STAR	ZEILR		MKY	MARCO ISLAND	FL (US)
STAR	PALMZ		MIA	MIAMI	FL (US)
STAR	FORTL		OPF	MIAMI	FL (US)
STAR	PALMZ		OPF	MIAMI	FL (US)
STAR	PALMZ		TMB	MIAMI	FL (US)
STAR	ZEILR		APF	NAPLES	FL (US)
STAR	FORTL		PMP	POMPANO BEACH	FL (US)
STAR	TTYLR		SUA	STUART	FL (US)
STAR	TTYLR		F45	WEST PALM BEACH	FL (US)
STAR	TTYLR		DJT	WEST PALM BEACH	FL (US)
STAR	TTYLR		LNA	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: 38

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED ILS OR LOC RWY 1L AT KTPA.
2. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED ILS OR LOC RWY 19R AT KTPA.
3. FIX USE: DELETED VOR RWY 10 AND VOR RWY 28 AT LAL.
4. FIX USE: DELETED VOR RWY 14 AT SRQ.
5. FIX USE: CHANGED "LOC RWY 1L" TO "LOC RWY 1R" AT TPA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RICHARD BRUCE

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE: