

RADIO FIX AND HOLDING DATA RECORD

NAME: BORST

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275501.42N/0822500.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
DADES (RNAV)

FAC

PAT

AIRPORT IDENT
KTPA

CITY
TAMPA

STATE
FL (US)

REQUIRED CHARTING: STAR

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: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/01/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: DADES **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 282145.62N/0821507.80W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 24-ASO-10 **FIX TYPE OF ACTION:** MODIFY

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	045.00	040.00	35.59	35.59	5000	17500
2	LAKELAND	LAL	VORTAC	VH	329.77	330.77	25.83	25.83	1800	17500
3	GATORS	GNV	VORTAC	L	183.21	179.21	79.57	79.57	7000	17500
4	ORLANDO	ORL	VORTAC	VH	257.70	257.70	49.69	49.69	7000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GNV	VORTAC	R-183	80	7000	17500

FIX RESTRICTIONS:

MRA V7 5000

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	LAL	VORTAC	329.77	149.77	R	1	3000 6000	6 7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002115)	283018.09N/0822051.65W	714	1A

HOLDING RESTRICTIONS:

TACAN HOLDING NOT AUTHORIZED PAT 1 - TACAN AZIMUTH UNUSABLE 321-339 BLO 6000.

REMARKS:

ST PETERSBURG (FAC 1) AND LAKELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MRA FLAG BASED ON FLIGHT CHECK EVAL RESTRICTING PIE RECEPTION TO 5000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V581	1, 2				FL (US)
EN ROUTE	V7	1, 2				FL (US)
IAP	ILS OR LOC RWY 9	2	1	KBKV	BROOKSVILLE	FL (US)
IAP	RNAV (GPS) RWY 1			KINF	INVERNESS	FL (US)
IAP	RNAV (GPS) RWY 22			KTPF	TAMPA	FL (US)
STAR	DADES (RNAV)			KCLW	CLEARWATER	FL (US)
STAR	DADES (RNAV)			KSPG	ST PETERSBURG	FL (US)
STAR	DADES (RNAV)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	DADES (RNAV)			KMCF	TAMPA	FL (US)
STAR	DADES (RNAV)			KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)			KTPF	TAMPA	FL (US)
STAR	DADES (RNAV)			KVDF	TAMPA	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 04/17/2025



REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-ASO-10
 FIX MAKE-UP FACILITIES: "FAC 2 LAKELAND (LAL) VORTAC CLASS CHANGED FROM "H" TO "VH" AND "FAC 4 ORLANDO (ORL) VORTAC CLASS CHANGED FROM "H" TO "VH"
 EXPANDED SERVICE VOLUME (ESV): REMOVED "ORL VORTAC R-258 50 7000 14500"
 FIX RESTRICTIONS: REMOVED "MRA V521 5000"
 PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "PAT 1 ILS OR LOC RWY 9 KBKV BROOKSVILLE FL"
 FIX USE: REMOVED V521, ADDED STAR DADES (RNAV) KCLW CLEARWATER FL, STAR DADES (RNAV) KSPG ST PETERSBURG FL AND STAR DADES (RNAV) KTPF TAMPA FL

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** GALE SHELTON
APPROVED BY: **DATE:** 03/13/2025 **OFFICE:** AJV-A423 **NAME:** ALLAN WILL

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: GUZDA

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 275926.58N/0822455.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
BLFRG (RNAV)
DADES (RNAV)

FAC PAT

AIRPORT IDENT
KTPA
KTPA

CITY
TAMPA
TAMPA

STATE
FL (US)
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, REMOVED DEAKK STAR (RNAV) FROM KTPA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE: 10/07/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: JKBAL

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281722.88N/0822407.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
DADES (RNAV)

FAC

PAT

AIRPORT IDENT
KTPA

CITY
TAMPA

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

REMOVED KTPA BLFRG (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 274130.57N/0822521.07W 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	137.79	132.79	19.00	19.00		2000	45000
2	LAKELAND	LAL	VORTAC	VH	230.07	231.07		27.98		2000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 19L			KTPA	TAMPA	FL (US)
STAR	BLFRG (RNAV)			KTPA	TAMPA	FL (US)
STAR	BRDGE	1, 2		KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)			KTPA	TAMPA	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: REMOVED BRDGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF.
2. REMARKS: REMOVED "FAC 1 DATA USED TO ESTABLISH WAYPOINT."
3. FIX MAKE-UP FACILITIES: UPDATED FAC 1 AND FAC 2 MAA FROM "17500" TO "45000."
4. FIX MAKE-UP FACILITIES: UPDATED FAC 2 CLASS FROM "V" TO "VH," UPDATED MAG BRG FROM "230.08" TO "230.07" AND "TRUE BRG FROM "231.08" TO "231.07."

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: JUDITH TUTTLE
APPROVED BY: DATE: 01/16/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI
SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LISAF

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281148.36N/0822437.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
BLFRG (RNAV)
DADES (RNAV)

FAC

PAT

AIRPORT IDENT
KTPA
KTPA

CITY
TAMPA
TAMPA

STATE
FL (US)
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

ADDED KTPA BLFRG (RNAV) STAR TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RALPH DUMAR

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: LZARD **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 281800.55N/0821842.63W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) Z RWY 19L			KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)			KTPA	TAMPA	FL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 04/20/2023

REASON FOR REVISION:
REMOVED INT AND DME FROM FIX TYPE.
REMOVED FAC 1 PIE VORTAC AND FAC 2 LAL VORTAC FROM FIX MAKE-UP FACILITIES.
REMOVED PAT 1 HOLDING WITH ITS ASSOCIATED OBSTACLE AND NOTES.
REMOVED STAR LZARD FOR KPSG, KPIE, KMCF, KTPA, KTPF, KVDF 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