

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 272821.43N/0823836.87W TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	SARASOTA/BRADENTON	I-FFV	LOC		319.38	314.38		7.48	45462	2000	4500
2	SARASOTA	SRQ	VOR/DME	H			5.80	5.80	35225	2000	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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW	I-FFV	LOC	319.38	139.38	R	1		2000	4500	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-000230)	272750.00N/0823532.00W	351	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

SARASOTA/BRADENTON (FAC 1) AND SARASOTA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FIX COORDINATES AT LNAV/VNAV PFAF LOCATION.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 14	1, 2	1	KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 14			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)			KLAL	LAKELAND	FL (US)
STAR	LUBBR (RNAV)			KFA54	PLACIDA	FL (US)
STAR	LUBBR (RNAV)			KPGD	PUNTA GORDA	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)			KVNC	VENICE	FL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

ADDED STAR BANGZ (RNAV) AT KSRQ TO FIX USE.

Waiting on Richard to make changes once he gets the project back from QC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KRVUR

STATE: GA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 304432.15N/0825630.39W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR	LUBBR (RNAV)			KLAL	LAKELAND	FL (US)
STAR	LUBBR (RNAV)			KFA54	PLACIDA	FL (US)
STAR	LUBBR (RNAV)			KPGD	PUNTA GORDA	FL (US)
STAR	LUBBR (RNAV)			KSRQ	SARASOTA/BRADENTON	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)			KVDF	TAMPA	FL (US)
STAR	LUBBR (RNAV)			KVNC	VENICE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/19/2022

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:

RADIO FIX AND HOLDING DATA RECORD

NAME: LUBBR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 284044.37N/0820701.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	003.94	183.94	R	8	11000	20000	11	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003503)	283659.99N/0821250.35W	537	2C

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	LUBBR (RNAV)		1	KLAL	LAKELAND	FL (US)
STAR	LUBBR (RNAV)		1	KFA54	PLACIDA	FL (US)
STAR	LUBBR (RNAV)		1	KPGD	PUNTA GORDA	FL (US)
STAR	LUBBR (RNAV)		1	KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)		1	KVNC	VENICE	FL (US)

REQUIRED CHARTING: STAR, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

UPDATED FIX USE: ADDED LUBBR (RNAV) TO KFA54.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LYFIE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 273637.18N/0822306.80W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)

KFA54
KPGD
KSRQ
KVNC

PLACIDA
PUNTA GORDA
SARASOTA/BRADENTON
VENICE

FL (US)
FL (US)
FL (US)
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

1. FIX USE: REMOVED STAR TRAPR AT KSRQ AND KVNC.
2. CHARTING: REMOVED CONTROLLER LOW/HIGH AND ENROUTE LOW/HIGH - PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MURDO STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 271907.45N/0821945.91W 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	156.70	151.70	40.00	40.00	2000	17500
2	LAKELAND	LAL	VORTAC	H	201.90	202.90		43.33	2000	17500
3	SARASOTA	SRQ	VOR/DME	H	117.83	112.83	13.58	13.58	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LAL	VORTAC	R-202	44	2000	14500

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	SE	PIE	VORTAC	156.70	336.70	R	1		3000	6000	6	7
2	SE	WP	WP	156.70	336.70	R		4	3000	6000	5	6
3	SE	SRQ	VOR/DME	117.83	297.83	R	1		2000	6000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002454)	272431.15N/0821459.32W	1749	3C
2	200	TOWER (12-002454)	272431.15N/0821459.32W	1749	3C
3	200	TOWER (12-002454)	272431.15N/0821459.32W	1749	3C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

ST PETERSBURG (FAC 1) AND SARASOTA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 230 KIAS HOLDING PATTERN EVALUATED FOR JOINT CIVIL/MILITARY USE.
 PAT 3 CONTROLLING OBSTACLE LOCATED 10,563' FROM INNER EDGE OF SECONDARY AREA.
 PAT 2 CONTROLLING OBSTACLE LOCATED 2,823' FROM INNER EDGE OF SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GANDY (RNAV)			KTPA	TAMPA	FL (US)
EN ROUTE	V35	1, 2, 3				FL (US)
IAP	ILS OR LOC RWY 14	2, 3	3	KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	ILS OR LOC RWY 14 (ALT MA)	1, 2	1	KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	RNAV (GPS) RWY 14		2	KSRQ	SARASOTA (BRADENTON)	FL (US)
IAP	VOR RWY 14	1, 2, 3	1	KSRQ	SARASOTA (BRADENTON)	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

- 1) UPDATED FIX USE REMOVED TEEGN STAR FROM (KSRQ) - TEEGN STAR CANCELED.
- 2) ADDED BANGZ (RNAV) STAR AT (KSRQ) - NEW STAR.
- 3) UPDATED FIX USE REMOVED TRAPR STAR FROM (KRSQ) AND (KCVN) - TRAPR STAR IS CANCELED.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: PETER GETZ
 APPROVED BY: DATE: 05/19/2022 OFFICE: AJV-A430 NAME: LONNIE EVERHART
 SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RINGY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 271931.37N/0822829.96W

TYPE: WP, RADAR, 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 NM	FAC FEET	MRA	MAA
1	SARASOTA/BRADENTON	I-SRQ	LOC		139.38	134.38		6.88	41782	1800	4500
2	SARASOTA	SRQ	VOR/DME	H			6.80	6.80	41341	1800	4500

REMARKS:

SARASOTA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FIX COORDINATES AT LNAV/VNAV PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1, 2		KSRQ	SARASOTA/BRADENTON	FL (US)
IAP	RNAV (GPS) RWY 32			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	LUBBR (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

1. ADDED STAR BANGZ (RNAV) AT KSRQ TO FIX USE.
2. REMOVED STAR LUBBR (RNAV) AT KLAL, KFA54, KPGD AND KVNC FROM FIX USE.
3. REMOVED FAC 1 USED TO ESTABLISH FIX COORDINATES IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROSTY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 271036.09N/0821708.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)

KFA54
KPGD
KVNC

PLACIDA
PUNTA GORDA
VENICE

FL (US)
FL (US)
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

UPDATED FIX USE: ADDED LUBBR (RNAV) TO KFA54.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE: 12/02/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RUNNE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281927.95N/0820351.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)

KFA54
KPGD
KSRQ
KVNC

PLACIDA
PUNTA GORDA
SARASOTA/BRADENTON
VENICE

FL (US)
FL (US)
FL (US)
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

FIX USE: REMOVED STAR TRAPR AT KSRW AND KVNC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RUTAE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 273609.97N/0823931.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX USE:
USE TYPE
STAR

USE TITLE
LUBBR (RNAV)

FAC

PAT

AIRPORT IDENT
KSRQ

CITY
SARASOTA/BRADENTON

STATE
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

FIX USE: REMOVED STAR TRAPR AT KSRQ AND KVNC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WUDDY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 274619.74N/0821333.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)

KFA54
KPGD
KSRQ
KVNC

PLACIDA
PUNTA GORDA
SARASOTA/BRADENTON
VENICE

FL (US)
FL (US)
FL (US)
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

FIX USE: REMOVED STAR TRAPR AT KSRQ AND KVNC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEBON

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 282914.36N/0820522.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)
STAR LUBBR (RNAV)

KLAL
KFA54
KPGD
KSRQ
KVNC

LAKELAND
PLACIDA
PUNTA GORDA
SARASOTA/BRADENTON
VENICE

FL (US)
FL (US)
FL (US)
FL (US)
FL (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

1. FIX USE: REMOVED STAR TRAPR AT KVNC AND KSRQ.
2. FIX USE: ADDED STAR LUBBR (RNAV) AT KVNC.
3. CHARTING: ADDED ENROUTE LOW AND CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEPHR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281410.55N/0820305.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
STAR

USE TITLE
LUBBR (RNAV)

FAC

PAT

AIRPORT IDENT
KLAL

CITY
LAKELAND

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-A432

NAME: JAY BAGGETT

APPROVED BY:

DATE: 04/01/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO:
ARTCC: ZJX
ATC FACILITY: TPA APP CON
OTHER: ZMA, SRQ ATCT