

RADIO FIX AND HOLDING DATA RECORD

NAME: ACORI

STATE: AL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 314623.36N/0855129.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q104					(US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	MAATY (RNAV)			KLAL	LAKELAND	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BANGZ (RNAV)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	MAATY (RNAV)			KMCF	TAMPA	FL (US)
STAR	MAATY (RNAV)			KTPA	TAMPA	FL (US)
STAR	MAATY (RNAV)			KVDF	TAMPA	FL (US)
STAR	BANGZ (RNAV)			KVNC	VENICE	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BAGGS

STATE:

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 270803.28N/0825027.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GLADZ (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	GLADZ (RNAV)			KMIA	MIAMI	FL (US)
DP	GLADZ (RNAV)			KOPF	MIAMI	FL (US)
EN ROUTE	Q102					(US)
EN ROUTE	Y290					(US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KRSW	FORT MYERS	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	PIKKR (RNAV)			KMKY	MARCO ISLAND	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	PIKKR (RNAV)			KAPF	NAPLES	FL (US)
STAR	PIKKR (RNAV)			KFA54	PLACIDA	FL (US)
STAR	PIKKR (RNAV)			KPGD	PUNTA GORDA	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BARBN

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260413.49N/0812348.81W

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 TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	300.67	120.67	R		10	11000	37000	15	27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-002293)	261058.00N/0813431.00W	1034	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A420

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BROMO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 280038.28N/0824302.49W

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 TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	340.97	160.97	R		10	13000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003314)	281057.40N/0824604.08W	1544	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	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: 06/15/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

3/9/23. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/3/23.

1. ADDED PATTERN 1 USE FOR CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BULZI

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 302224.93N/0840434.47W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q19					(US)
EN ROUTE	Q81					(US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CABLO

STATE: GA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 304629.00N/0845024.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q104					(US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	MAATY (RNAV)			KLAL	LAKELAND	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BANGZ (RNAV)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	MAATY (RNAV)			KMCF	TAMPA	FL (US)
STAR	MAATY (RNAV)			KTPA	TAMPA	FL (US)
STAR	MAATY (RNAV)			KVDF	TAMPA	FL (US)
STAR	BANGZ (RNAV)			KVNC	VENICE	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEFUN

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 304851.27N/0860753.09W

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	CRESTVIEW	CEW	VORTAC	VH	088.31	091.31	28.31	28.31	2000	45000
2	MONTGOMERY	MGM	VORTAC	VH	170.41	173.41		84.85	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CRESTVIEW (FAC 1) AND MONTGOMERY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
DO NOT CHART FAC 2 (MGM) ON EN ROUTE LOW CHARTS.
DEFUN IS A DME-ONLY FIX BELOW 18000.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J2	1, 2				(US)
EN ROUTE	V198	1				(US)
IAP	RNAV (GPS) RWY 9			54J	DEFUNIAK SPRINGS	FL (US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	MAATY (RNAV)			KLAL	LAKELAND	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	GNRCH (RNAV)			KMCO	ORLANDO	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BANGZ (RNAV)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	MAATY (RNAV)			KMCF	TAMPA	FL (US)
STAR	MAATY (RNAV)			KTPA	TAMPA	FL (US)
STAR	MAATY (RNAV)			KVDF	TAMPA	FL (US)
STAR	BANGZ (RNAV)			KVNC	VENICE	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRIER

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255523.24N/0805558.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT
KOPF

CITY
MIAMI

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

1. REMOVED ENROUTE LOW/HIGH AND CONTROLLER LOW/HIGH FROM REQUIRED CHARTING - ATC REQUEST

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EXACT

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 264529.90N/0820739.62W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FROGZ

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255447.44N/0810213.20W

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 TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	300.72	120.72	R		10	9000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-000563)	254545.18N/0805609.27W	466	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GAWKS

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 271053.38N/0830515.17W

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 TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	287.03	107.03	L		15	20000	45000	28	30
2	W		WP	288.03	108.03	L		10	20000	31000	18	24

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Y290					(US)
STAR	VUUDU (RNAV)		2	KBCT	BOCA RATON	FL (US)
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)		2	06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	FL (US)
STAR	VUUDU (RNAV)		2	KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)		2	F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)		2	KPBI	WEST PALM BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.
REMOVED REMARK PRECIPITOUS TERRAIN EVALUATION COMPLETED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HONID

STATE: GA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 313850.31N/0842342.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q81					(US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	MAATY (RNAV)			KLAL	LAKELAND	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	BANGZ (RNAV)			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	BANGZ (RNAV)			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	MAATY (RNAV)			KMCF	TAMPA	FL (US)
STAR	MAATY (RNAV)			KTPA	TAMPA	FL (US)
STAR	MAATY (RNAV)			KVDF	TAMPA	FL (US)
STAR	BANGZ (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: 2

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IPOKE

STATE: GA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 305038.05N/0841134.84W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q81					(US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JAMAS

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255658.69N/0810712.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KLEET

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 261413.77N/0814646.79W

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	NW		WP	322.78	142.78	R	10	11000	37000	15	27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-002459)	262030.00N/0814237.50W	1054	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	FL (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR AND PATTERN 1 USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 255327.84N/0814702.37W 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	FEET	MRA	MAA
1	LEE COUNTY	RSW	VORTAC	L	182.67	180.67	38.22	38.22		2100	45000
2	DOLPHIN	DHP	VORTAC	H	278.33	274.33	77.86	77.86		8000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DHP	VORTAC	R-278	78	8000	14600
RSW	VORTAC	R-183	39	18000	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	HOLDING ALTITUDES DME MIN MAX	TEMPLATES MIN MAX
1	W		WP	280.00	100.00	L		10 11000 37000	15 27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (12-000212)	260311.32N/0814210.40W	534	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

LEE COUNTY (FAC 1) AND DOLPHIN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GLADZ (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	GLADZ (RNAV)			KMIA	MIAMI	FL (US)
DP	GLADZ (RNAV)			KOPF	MIAMI	FL (US)
EN ROUTE	A509	1, 2				(US)
EN ROUTE	M580	1, 2				(US)
EN ROUTE	V225	1, 2				(US)
EN ROUTE	Y240	1, 2				(US)
STAR	TEEKY (RNAV)		1	KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)		1	KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)		1	KPMP	POMPANO BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR AND PATTERN 1 USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: PHILLIP BRANDENBURG

APPROVED BY: DATE: 04/20/2023 OFFICE: AJV-A420 NAME: ALLAN WILL

SIGNATURE: Digitally signed by

ALLAN WILL

Mar 13, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: MATNY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 263149.04N/0820427.61W

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	NW		WP	326.95	146.95	R	10	11000	37000	15	27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-002646)	263725.31N/0820653.41W	502	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NICKI

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 291520.19N/0832031.80W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	Q81					
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE: *Digitally signed by*

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PLOWS

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 265454.45N/0822633.32W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SABEE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 270516.20N/0821129.33W

TYPE: WP, 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	LEE COUNTY	RSW	VORTAC	L	328.33	326.33	40.15	40.15	2000	17500
2	ST PETERSBURG	PIE	VORTAC	H	156.70	151.70	55.66	55.66	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PIE	VORTAC	R-157	56	2000	17500
RSW	VORTAC	R-328	41	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GANDY (RNAV)			KTPA	TAMPA	FL (US)
EN ROUTE	V35	1, 2				FL (US)
IAP	RNAV (GPS) RWY 32			KSRQ	SARASOTA/BRADENTON	FL (US)
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023



RADIO FIX AND HOLDING DATA RECORD

NAME: SCURF

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 273152.17N/0823722.51W

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 TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	355.04	175.04	R		10	13000	37000	15	27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-001575)	275052.90N/0824548.30W	649	2B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	FROGZ (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)		1	KTMB	MIAMI	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SNAPY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 294851.17N/0834223.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	Q81					
STAR	VUUDU (RNAV)			KBCT	BOCA RATON	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FROGZ (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FROGZ (RNAV)			X51	HOMESTEAD	FL (US)
STAR	VUUDU (RNAV)			06FA	JUPITER	FL (US)
STAR	FROGZ (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUURT (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)
STAR	TEEKY (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	VUUDU (RNAV)			KSUA	STUART	FL (US)
STAR	VUUDU (RNAV)			F45	WEST PALM BEACH	FL (US)
STAR	VUUDU (RNAV)			KPBI	WEST PALM BEACH	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: 04/20/2023

REASON FOR REVISION:

REMOVED KOPF FROGZ (RNAV) STAR FROM FIX USE, ADDED KOPF CUURT (RNAV) STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SUMPS

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255433.73N/0811201.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR
STAR

USE TITLE

FROGZ (RNAV)
FROGZ (RNAV)
FROGZ (RNAV)
FROGZ (RNAV)
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT

KHST
X51
07FA
KMIA
KTMB

CITY

HOMESTEAD
HOMESTEAD
KEY LARGO
MIAMI
MIAMI

STATE

FL (US)
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: ORIG

DATE OF REVISION: 04/20/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 13, 2023

QUALITY
14
CHECKED