

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BICAP

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 263223.17N/0793259.72W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BILZZ

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 254217.82N/0802612.49W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
STAR  
STAR  
STAR

**USE TITLE**  
BNFSH (RNAV)  
CSTAL (RNAV)  
VIICE (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BLYMY

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255245.48N/0800919.87W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 261006.29N/0800105.41W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b>						
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KMIA	MIAMI	FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**  
1. REMOVED EN ROUTE HIGH AND CONTROLLER HIGH.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** MICHAEL GARRITY

**APPROVED BY:** **DATE:** 11/03/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CARMA

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 260436.00N/0800344.35W

**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	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	CSTAL (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KTMB	MIAMI	FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CHUUM

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255612.42N/0802824.75W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-5420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: CIKEN

STATE: OA

COUNTRY: US

ICAO REGION CODE: \*

LATITUDE/LONGITUDE: 265330.91N/0793411.62W

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	NE		WP	023.13	203.13	L	10	20000	45000	18	30

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DAHLA

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 254245.22N/0801635.46W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
STAR  
STAR  
STAR

**USE TITLE**  
BNFSH (RNAV)  
CSTAL (RNAV)  
VIICE (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ENRGY **STATE:** OA **COUNTRY:** US **ICAO REGION CODE:** \*  
**LATITUDE/LONGITUDE:** 262728.63N/0794328.31W **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	N		WP	022.49	202.49	R	10	13000	16000	15	16

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	SHIP	262956.00N/0793814.13W	269	2C

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	BNFSH (RVAV)		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:** 11/03/2022

**REASON FOR REVISION:**

1. CHANGED PAT 1 TEMPLATES MIN FROM 11 TO 15.
2. ADDED PAT 1 TO ALL BNFSH ENTRIES IN FIX USE SECTION.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** MICHAEL GARRITY

**APPROVED BY:** **DATE:** 11/03/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FENDE

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 260409.90N/0800350.31W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: FIROL

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 263825.67N/0770032.25W

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	CUUDA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUUDA (RNAV)			KOPF	MIAMI	FL (US)
STAR	BNFSH (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: 05/19/2022

## REASON FOR REVISION:

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GDDAY

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 260514.47N/0800042.12W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GELDE

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 263732.77N/0793956.82W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

<b>USE TYPE</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GUCCI

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255521.91N/0800607.46W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HEATN **STATE:** OA **COUNTRY:** US **ICAO REGION CODE:** \*  
**LATITUDE/LONGITUDE:** 265124.76N/0783736.02W **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	NE		WP	040.48	220.48	R	10	6000	18000	15	17

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	264824.00N/0783112.00W	227	4E

**HOLDING RESTRICTIONS:**  
HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**  
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

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

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**  
1. REMOVED EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, AND CONTROLLER HIGH.

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** MICHAEL GARRITY

**APPROVED BY:** **DATE:** 11/03/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HOAGG

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 294703.71N/0785033.85W

**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	AR22					(US)
EN ROUTE	Y313					(US)
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)

**REQUIRED CHARTING:** STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH, WESTERN ATLANTIC ROUTE

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 5

**DATE OF REVISION:** 09/05/2024

**REASON FOR REVISION:**

1. ADDED AR22 TO FIX USE.
2. ADDED WESTERN ATLANTIC ROUTE TO REQUIRED CHARTING.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** LORRI DOWNEY

**APPROVED BY:**

**DATE:** 02/08/2024

**OFFICE:** AJV-A432

**NAME:** CASIMIR TABAKA

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HOVAX

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 290814.90N/0774102.95W

**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	Y307					
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 2

**DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JITIL **STATE:** OA **COUNTRY:** US **ICAO REGION CODE:** K7  
**LATITUDE/LONGITUDE:** 263634.36N/0774122.72W **TYPE:** WP

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

**HOLDING:** **HOLDING TYPE OF ACTION:** ESTABLISH

**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	E		WP	092.26	272.26	R		10	19000	45000	18	30

**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	CUUDA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	BNFSH (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	CUUDA (RNAV)			KOPF	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE
3. ADDED HOLDING PATTERN 1 AND ASSOCIATED NOTES
4. FIX COORDINATES UPDATED. FIX MOVED 15 NM EAST. FIX NAME RETAINED FOR ATC OPERATIONAL ADVANTAGE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** TOMMY BYRNS

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: JORAY

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 282034.13N/0790205.88W

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	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	N		WP	011.73	191.73	R		10	22000	45000	19	30

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)		1	KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		1	07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)		1	KMIA	MIAMI	FL (US)
STAR	BNFSH (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: 5

DATE OF REVISION: 11/03/2022

**REASON FOR REVISION:**

REMOVED ROUTE AR22 FROM FIX USE.  
REMOVED PRECIPITOUS TERRAIN EVALUATION REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: PHILLIP SMART

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** KEYZZ

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 261242.82N/0800153.15W

**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	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	CSTAL (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KTMB	MIAMI	FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** KPONE

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255615.61N/0802505.11W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**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:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. REMOVED ENROUTE LOW/HIGH AND CONTROLLER LOW/HIGH FROM REQUIRED CHARTING - ATC REQUEST
3. ADDED KMIA BNFSH (RNAV) STAR TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MDONA

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255231.54N/0801724.91W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**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:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. REMOVED ENROUTE HIGH/LOW AND CONTROLLER HIGH/LOW FROM REQUIRED CHARTING - ATC REQUEST
3. ADDED KMIA BNFSH (RNAV) STAR TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MORME

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 271859.95N/0774805.75W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MUNRO STATE: OA COUNTRY: US ICAO REGION CODE: K

LATITUDE/LONGITUDE: 263224.05N/0790049.74W 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	MRA	MAA
								NM FEET		
1	FREPORT	ZFP	VOR/DME	H	269.98	266.98	17.03	17.03	2000	45000
2	BIMINI	ZBV	VOR/DME	H	020.80	016.80		52.25	2000	45000

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	TEMPLATES
								MIN MAX	MIN MAX
1	W	ZFP	VOR/DME	270.00	090.00	R	1	2000 6000	7 9
2	E		WP	092.87	272.87	R	10	8000 18000	15 17
3	E		WP	091.85	271.85	R	10	19000 45000	18 30

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	SHIPPING	263224.05N/0790049.74W	280	4E
2	230	CRANE (BS-020020)	263152.28N/0784546.30W	437	4E

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	BR64V	1, 2				(QS)
EN ROUTE	BR68V	1, 2				(US)
STAR	CUUDA (RNAV)		2	KFLL	FORT LAUDERDALE	FL (US)
STAR	BNFSH (RNAV)		3	KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		3	X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)		3	07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)		3	KMIA	MIAMI	FL (US)
STAR	CUUDA (RNAV)		2	KOPF	MIAMI	FL (US)
STAR	BNFSH (RNAV)		3	KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 7 DATE OF REVISION: 12/26/2024

### REASON FOR REVISION:

1: FIX MAKE-UP FACILITIES: CHANGED BIMINI (ZBV) FACILITY TYPE FROM VORTAC TO VOR/DME.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: MICAH HILLEY

APPROVED BY: DATE: 12/26/2024 OFFICE: AJV-A433 NAME: ROBERT HAMILTON

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** OTION

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 261246.72N/0800118.23W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PAAZZ

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 283316.67N/0773908.77W

**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	Y307					
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 2

**DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: POSSE

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 271456.27N/0785821.44W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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: 05/19/2022

## REASON FOR REVISION:

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PRCHE

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 254330.35N/0801258.32W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR  
STAR

**USE TITLE**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

**REQUIRED CHARTING:** STAR

**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:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: REPEE STATE: OA COUNTRY: US ICAO REGION CODE: MY

LATITUDE/LONGITUDE: 263413.57N/0782528.85W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

**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		WP	092.85	272.85	R	10	8000 23000	15 20

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (BS-000001)	263654.00N/0781924.00W	407	4D

**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	CUUDA (RNAV)		1	KFLL	FORT LAUDERDALE	FL (US)
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	CUUDA (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

- ADDED PAT 1 AND ASSOCIATED DATA AND NOTES.
- REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE.
- ADDED ENROUTE LOW/CONTROLLER LOW TO FIX USE.
- ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS.
- FIX COORDINATES UPDATED, FIX MOVED 3 NM EAST. FIX NAME RETAINED FOR ATC OPERATIONAL ADVANTAGE.

**INITIATED BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **ORGANIZATION:** \_\_\_\_\_ **NAME:** \_\_\_\_\_

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** TOMMY BYRNS

**APPROVED BY:** \_\_\_\_\_ **DATE:** 05/19/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:** \_\_\_\_\_

# RADIO FIX AND HOLDING DATA RECORD

NAME: RHODZ

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255344.46N/0795947.18W

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
IAP	ILS OR LOC RWY 26L			KMIA	MIAMI	FL (US)
IAP	LOC RWY 26R			KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 26R			KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Y RWY 26L			KMIA	MIAMI	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	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KOPF	MIAMI	FL (US)
STAR	FROGZ (RNAV)			KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/03/2022

**REASON FOR REVISION:**

1. ADDED IAP, EN ROUTE LOW, AND CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** RMANI

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255242.77N/0801132.89W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SNAGY

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 293626.39N/0765151.38W

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	FEALX (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	FEALX (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
DP	FOLZZ (RNAV)			KHST	HOMESTEAD	FL (US)
DP	FOLZZ (RNAV)			X51	HOMESTEAD	FL (US)
DP	FOLZZ (RNAV)			KMIA	MIAMI	FL (US)
DP	FOLZZ (RNAV)			KOPF	MIAMI	FL (US)
DP	FOLZZ (RNAV)			KTMB	MIAMI	FL (US)
DP	FEALX (RNAV)			KPMP	POMPANO BEACH	FL (US)
EN ROUTE	M203					(US)
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/19/2022

## REASON FOR REVISION:

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED FEALX (RNAV) DP AND ASSOCIATED AIRPORTS TO FIX USE
3. ADDED FOLZZ (RNAV) DP AND ASSOCIATED AIRPORTS TO FIX USE
4. ADDED DP TO REQUIRED CHARTING
5. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE: 05/19/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SUMRS

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 284242.08N/0763330.59W

**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	FEALX (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	FEALX (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
DP	FOLZZ (RNAV)			KHST	HOMESTEAD	FL (US)
DP	FOLZZ (RNAV)			X51	HOMESTEAD	FL (US)
DP	FOLZZ (RNAV)			KMIA	MIAMI	FL (US)
DP	FOLZZ (RNAV)			KOPF	MIAMI	FL (US)
DP	FOLZZ (RNAV)			KTMB	MIAMI	FL (US)
DP	FEALX (RNAV)			KPMP	POMPANO BEACH	FL (US)
EN ROUTE	A699					(US)
EN ROUTE	M204					(US)
EN ROUTE	M327					(US)
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)

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

**COMPULSORY REPORTING POINT:** LOW/HIGH

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED FEALX (RNAV) DP AND ASSOCIATED AIRPORTS TO FIX USE
3. ADDED FOLZZ (RNAV) DP AND ASSOCIATED AIRPORTS TO FIX USE
4. ADDED DP TO REQUIRED CHARTING
5. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** TUPAC

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255220.04N/0802317.78W

**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**  
BNFSH (RNAV)  
CSTAL (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

**STATE**  
FL (US)  
FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/03/2022

**REASON FOR REVISION:**

1. ADDED EN ROUTE LOW AND CONTROLLER LOW.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** MICHAEL GARRITY

**APPROVED BY:**

**DATE:** 11/03/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WOLAP

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** \*

**LATITUDE/LONGITUDE:** 270302.95N/0793043.31W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

**USE TYPE**  
STAR  
STAR  
STAR  
STAR  
STAR

**USE TITLE**  
BNFSH (RNAV)  
BNFSH (RNAV)  
BNFSH (RNAV)  
BNFSH (RNAV)  
BNFSH (RVAV)

**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:** 05/19/2022

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A411

**NAME:** WILLIAM MELTON

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A410

**NAME:** JULIE MORGAN

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WOOSA

**STATE:** OA

**COUNTRY:** US

**ICAO REGION CODE:** K

**LATITUDE/LONGITUDE:** 262304.58N/0794849.42W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KMIA	MIAMI	FL (US)
STAR	BNFSH (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:** 05/19/2022

**REASON FOR REVISION:**

1. REMOVED KMIA SLFSH (RNAV) STAR FROM FIX USE
2. ADDED BNFSH (RNAV) STAR AND ASSOCIATED AIRPORTS TO FIX USE

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** KELLIE BARNES

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YARTO

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 255335.31N/0800623.17W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BNFSH (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			X51	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			X51	HOMESTEAD	FL (US)
STAR	BNFSH (RNAV)			07FA	KEY LARGO	FL (US)
STAR	CSTAL (RNAV)			07FA	KEY LARGO	FL (US)
STAR	BNFSH (RNAV)			KTMB	MIAMI	FL (US)
STAR	CSTAL (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:** 05/19/2022

**REASON FOR REVISION:**

1. UPDATED FIX USE - ADDED BNFSH (RNAV) STAR FOR KTMB, KHST, KX51, K07FA.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A411

**NAME:** WILLIAM MELTON

**APPROVED BY:**

**DATE:** 05/19/2022

**OFFICE:** AJV-A410

**NAME:** JULIE MORGAN

**SIGNATURE:**