

# RADIO FIX AND HOLDING DATA RECORD

NAME: BEPAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260900.59N/0800911.72W

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	BHHIA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	CUUDA (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	JINGL (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	OLAHs (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	TEEKY (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	JINGL (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)			KHWO	HOLLYWOOD	FL (US)
STAR	JINGL (RNAV)			KHWO	HOLLYWOOD	FL (US)
STAR	CUUDA (RNAV)			KOPF	MIAMI	FL (US)
STAR	FISEL (RNAV)			KOPF	MIAMI	FL (US)
STAR	JINGL (RNAV)			KOPF	MIAMI	FL (US)
STAR	FISEL (RNAV)			KPMP	POMPANO BEACH	FL (US)
STAR	JINGL (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: 4

DATE OF REVISION: 08/12/2021

## REASON FOR REVISION:

1. FIX USE: REMOVED KFLL RNAV (RNP) Z RWY 28R.
2. FIX USE: ADDED STAR BAHIA (RNAV) AT KFLL.
3. FIX USE: ADDED STAR CUUDA (RNAV) AT KFLL AND KOPF.
4. FIX USE: ADDED STAR OLAHs (RNAV) AT KFLL.
5. FIX USE: ADDED STAR TEEKY (RNAV) AT KFLL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: CRNVL

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260216.31N/0794448.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:  
USE TYPE**

**USE TITLE**

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

IAP	ILS OR LOC RWY 28L			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 28L			KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) Y RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (RNP) Z RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
STAR	OLAHS (RNAV)			KFLL	FORT LAUDERDALE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/12/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: MIAMI APP CON, FLL ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 260431.01N/0795440.52W **TYPE:** WP, RADAR, DME

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

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-UDL	LOC/DME		096.37	090.37	13.83	13.84		2500	4500

**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	I-UDL	LOC	096.37	276.37	R	1	4000	4500
2	E		WP	096.47	276.47	R	4	2500	6000

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	260432.53N/0795810.43W	250	2C
2	200	SHIP	260432.53N/0795810.43W	250	2C

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
I-UDL DME COORDINATES: 260434.53N/0801002.41W.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28R	1	1	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) Y RWY 28R		2	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (RNP) Z RWY 28R			KFLL	FORT LAUDERDALE	FL (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 08/12/2021

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** KELLIE BARNES

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: MIA APP CON, FLL ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: HUKUK

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 261143.09N/0802434.30W

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	FORT LAUDERDALE	FLL	VOR/DME	H	305.00	299.00	15.00	15.00	4000	17500
2	DOLPHIN	DHP	VORTAC	H	356.14	352.14		23.87	4000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW		WP	306.92	126.92	L		4	4000	6000	5	6
2	NW	FLL	VOR/DME	305.00	125.00	L	1		4000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-000728)	261029.00N/0802657.00W	267	1D
1	310	TOWER (12-001900)	260843.00N/0802042.00W	442	5D
2	200	TOWER (12-000728)	261029.00N/0802657.00W	267	1D
2	310	TOWER (12-001900)	260843.00N/0802042.00W	442	5D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST  
PAT 2 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) Y RWY 28R	KFLL	FORT LAUDERDALE	FL (US)
1	RNAV (RNP) Z RWY 28R	KFLL	FORT LAUDERDALE	FL (US)
2	ILS OR LOC RWY 28R	KFLL	FORT LAUDERDALE	FL (US)

## REMARKS:

FORT LAUDERDALE (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
IAP	ILS OR LOC RWY 28R	1, 2	2	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) Y RWY 28R		1	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (RNP) Z RWY 28R		1	KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 08/12/2021

## REASON FOR REVISION:

1. CHANGED CRS INBOUND ON HOLDING PATTERN 2 FROM 305.00 TO 125.00 AND CHANGED TURN FROM R TO L - HOLDING PATTERN FLIPPED TO OPPOSITE SIDE OF FIX SINCE CLIMB-IN-HOLD PATTERN ENTERED NO COURSE HOLDING ZONE
2. CHANGED CRS INBOUND ON HOLDING PATTERN 1 FROM 306.92 TO 126.92 AND CHANGED TURN FROM R TO L - KEEP HOLDING ON THE SAME SIDE AS GROUND BASED HOLDING
3. CHANGED PAT 1/2 200 KTS OBSTACLES FROM 444 TOWER TO 267 TOWER
4. CHANGED PAT 1/2 310 KTS OBSTACLES FROM 452 BLDG TO 442 TOWER
5. ADDED KFLL RNAV (RNP) Z RWY 28R TO FIX USE AND PROCEDURES REQUIRING CLIMB-IN-HOLD

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE:

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA

**ATC FACILITY:** MIA APP CON, FLL ATCT  
**OTHER:**

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** HUXIM

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 260858.87N/0795524.18W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**  
**USE TYPE**  
IAP

**USE TITLE**  
RNAV (RNP) Z RWY 28R

**FAC**

**PAT**

**AIRPORT IDENT**  
KFL

**CITY**  
FORT LAUDERDALE

**STATE**  
FL (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 05/02/2013

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 11/21/2012

**OFFICE:** AJV-352

**NAME:** CHRISTOPHER COX

**APPROVED BY:**

**DATE:** 04/12/2013

**OFFICE:** AJV-352

**NAME:** SUE CRUMB

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: FLL ATCT  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: SNAPE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260433.96N/0800140.33W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-UDL	LOC/DME		096.37	090.37	7.53	7.54	45820	2000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-UDL DME COORDINATES: 260434.53N/0801002.41W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28R	1		KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) Y RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (RNP) Z RWY 28R			KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/12/2021

## REASON FOR REVISION:

1. CHANGED LAT/LONG COORDS FROM 260433.96N/0800140.32W TO 260433.96N/0800140.33W - FIX MOVED 0.81 FT EAST TO CALCULATED FAF LOCATION
2. ADDED KFLL RNAV (RNP) Z RWY 28R TO FIX USE
3. REMOVED "KFLL R28R DISPLACED THRESHOLD COORDINATES: 260436.49N/0800827.49W" FROM REMARKS
4. CHANGED FAC 1 DIST FROM FAC IN FEET FROM 45822 TO 45820

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: KELLIE BARNES

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: MIA APP CON, FLL ATCT  
OTHER: