

# RADIO FIX AND HOLDING DATA RECORD

NAME: BEZER STATE: FL COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 260401.38N/0802322.94W TYPE: WP, RADAR, 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	I-FLL	LOC/DME		276.37	270.37	13.92	13.92	4000	4500
2	DOLPHIN	DHP	VORTAC	H	356.17	352.17		16.13	4000	4500

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	W		WP	276.27	096.27	L		4	4000	6000	5	6
2	W	FLL	LOC/DME	276.37	096.37	L	1		4000	4500	4	5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003673)	260512.00N/0802453.00W	329	5D
2	200	TOWER (12-003673)	260512.00N/0802453.00W	329	5D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST  
 PAT 2 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

FORT LAUDERDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 FLL DME COORDINATES: 260358.83N-0800755.71W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2	2	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 10R		1	KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

1. CHANGED PATTERN 1 AND 2 FROM RIGHT TURNS TO LEFT TURNS.
2. UPDATED HOLDING OBSTACLE, 12-003673 ELEVATION FROM 331 MSL TO 329 MSL.
3. ADDED REASON FOR NONSTANDARD HOLDING STATEMENTS.
4. UPDATED FLL DME COORDINATES FROM 260359.15N-0800755.65W, TO 260358.83N-0800755.71W.

DEVELOPED BY: DATE: 08/04/2016 OFFICE: AJV-5412 NAME: LIAM DONAHUE

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

*Digitally signed by*  
 SIGNATURE: DONALD H LANIER

Jan 12, 2017

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BLAIM

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260400.44N/0801949.72W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-FLL	LOC/DME		276.37	270.37	10.72	10.72		3000	4500
2	DOLPHIN	DHP	VORTAC	H	007.59	003.59		15.99		3000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

FORT LAUDERDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES  
FLL DME COORDINATES: 260358.83N-0800755.71W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2		KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

UPDATED FLL DME COORDINATES FROM 260359.15N-0800755.65W, TO 260358.83N-0800755.71W.

DEVELOPED BY:

DATE: 09/21/2016

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

*Digitally signed by*

SIGNATURE: **DONALD H LANIER**

Jan 12, 2017

DISTRIBUTION:

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

QUALITY  
4  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BUNKR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260402.97N/0803016.05W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-FLL	LOC/DME		276.37	270.37	20.12	20.12		4000	4000
2	DOLPHIN	DHP	VORTAC	H	336.32	332.32		18.08		4000	4000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-FLL	LOC/DME	R-270	21	4000	4000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

FORT LAUDERDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES  
FLL DME COORDINATES: 260358.83N-0800755.71W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2		KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

UPDATED FLL DME COORDINATES FROM 260359.15N-0800755.65W, TO 260358.83N-0800755.71W.

DEVELOPED BY: DATE: 09/21/2016 OFFICE: AJV-5431 NAME: LIAM DONAHUE

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: LONNIE EVERHART

SIGNATURE: *Digitally signed by*  
**DONALD H LANIER**

Jan 12, 2017

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

QUALITY  
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# RADIO FIX AND HOLDING DATA RECORD

NAME: LORII

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260359.19N/0801534.02W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-FLL	LOC/DME		276.37	270.37	6.88	6.88	41807	1800	4500
2	DOLPHIN	DHP	VORTAC	H	020.89	016.89		16.66		1800	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

FORT LAUDERDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES  
FLL DME COORDINATES: 260358.83N-0800755.71W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1, 2		KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

UPDATED FLL DME COORDINATES FROM 260359.15N-0800755.65W, TO 260358.83N-0800755.71W.

DEVELOPED BY: DATE: 09/21/2016

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

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OTHER:

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# RADIO FIX AND HOLDING DATA RECORD

NAME: MARTS STATE: FL COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 260521.61N/0795952.02W 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	090.19	084.19	9.16	9.16	2000	17500
2	DOLPHIN	DHP	VORTAC	H	051.58	047.58	25.70	25.70	2000	17500
3	PALM BEACH	PBI	VORTAC	H	175.28	172.28		35.66	2000	17500

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	NE	DHP	VORTAC	051.58	231.58	L	1	2000	6000
2	E		WP	090.00	270.00	R	4	4000	10000

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (12-000952)	260545.36N/0800623.47W	324	1A
2	200	SHIP	260552.24N/0795935.10W	250	4D
2	310	BLDG (KFLLT3046)	260705.07N/0800831.69W	452	1A

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (RNP) Y RWY 10L	KFLL	FORT LAUDERDALE	FL (US)

## REMARKS:

FORT LAUDERDALE (FAC 1) 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 10R (ALT MA)		1	KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (RNP) Y RWY 10L		2	KFLL	FORT LAUDERDALE	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

REMOVED RNAV (RNP) Z RWY 10R AT KFLL FROM FIX USE.

DEVELOPED BY: DATE: 08/04/2016 OFFICE: AJV-5412 NAME: LIAM DONAHUE  
 APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by  
**DONALD H LANIER**

DISTRIBUTION: NFDC Jan 12, 2017  
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 ARTCC: ZMA  
 ATC FACILITY: MIA APP CON, FLL ATCT  
 OTHER:

QUALITY  
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# RADIO FIX AND HOLDING DATA RECORD

NAME: ZALAL

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260357.80N/0801116.67W

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 NM	FAC FEET	MRA	MAA
1	FORT LAUDERDALE	I-FLL	LOC/DME		276.37	270.37	3.02	3.02		460	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

FLL DME COORDINATES: 260358.83N-0800755.71W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10R	1		KFLL	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFLL	FORT LAUDERDALE	FL (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/05/2017

## REASON FOR REVISION:

UPDATED FLL DME COORDINATES FROM 260359.15N-0800755.65W, TO 260358.83N-0800755.71W.

DEVELOPED BY:

DATE: 09/21/2016

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

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