

# RADIO FIX AND HOLDING DATA RECORD

NAME: CRUZN

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 252120.23N/0795051.40W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
REGAE (RNAV)

FAC PAT

AIRPORT IDENT  
KFL

CITY  
FORT LAUDERDALE

STATE  
FL (US)

REQUIRED CHARTING: DP, 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: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

*Digitally signed by*

SIGNATURE: **ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX  
OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CUDEL

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260356.03N/0794951.84W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP

**USE TITLE**

REGAE (RNAV)  
SNAPR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KFLL  
KFLL

**CITY**

FORT LAUDERDALE  
FORT LAUDERDALE

**STATE**

FL (US)  
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

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May 28, 2021

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ARTCC: ZMA

ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: GLAMS

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 245324.60N/0794156.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

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

| USE TYPE | USE TITLE    | FAC | PAT | AIRPORT IDENT | CITY            | STATE   |
|----------|--------------|-----|-----|---------------|-----------------|---------|
| DP       | REGAE (RNAV) |     |     | KFLL          | FORT LAUDERDALE | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KHST          | HOMESTEAD       | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KX51          | HOMESTEAD       | FL (US) |
| DP       | MELLZ (RNAV) |     |     | K07FA         | KEY LARGO       | FL (US) |
| DP       | GWAVA (RNAV) |     |     | KMIA          | MIAMI           | FL (US) |
| DP       | NNOCE (RNAV) |     |     | KMIA          | MIAMI           | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KOPF          | MIAMI           | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KTMB          | MIAMI           | FL (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

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ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: GTWAY

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260322.69N/0793327.29W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP

**USE TITLE**

REGAE (RNAV)  
SNAPR (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KFLL  
KFLL

**CITY**

FORT LAUDERDALE  
FORT LAUDERDALE

**STATE**

FL (US)  
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

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DATE:

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**ALLAN WILL**

May 28, 2021

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FPO: EST

ARTCC: ZMA

ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LRODD

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 242051.33N/0791908.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:  
USE TYPE**

**USE TITLE**

**FAC PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

|    |              |  |  |       |                 |         |
|----|--------------|--|--|-------|-----------------|---------|
| DP | REGAE (RNAV) |  |  | KFLL  | FORT LAUDERDALE | FL (US) |
| DP | MELLZ (RNAV) |  |  | KHST  | HOMESTEAD       | FL (US) |
| DP | MELLZ (RNAV) |  |  | KX51  | HOMESTEAD       | FL (US) |
| DP | MELLZ (RNAV) |  |  | K07FA | KEY LARGO       | FL (US) |
| DP | GWAVA (RNAV) |  |  | KMIA  | MIAMI           | FL (US) |
| DP | NNOCE (RNAV) |  |  | KMIA  | MIAMI           | FL (US) |
| DP | MELLZ (RNAV) |  |  | KOPF  | MIAMI           | FL (US) |
| DP | MELLZ (RNAV) |  |  | KTMB  | MIAMI           | FL (US) |

REQUIRED CHARTING: DP, 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:

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NAME: DEAN GRACEY

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SIGNATURE: **ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NINNO

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 254045.16N/0793352.83W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
REGAE (RNAV)

FAC PAT

AIRPORT IDENT  
KFL

CITY  
FORT LAUDERDALE

STATE  
FL (US)

REQUIRED CHARTING: DP, 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: DEAN GRACEY

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DATE:

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OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: **ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX  
OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PASTL

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255952.26N/0792905.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
REGAE (RNAV)

FAC PAT

AIRPORT IDENT  
KFL

CITY  
FORT LAUDERDALE

STATE  
FL (US)

REQUIRED CHARTING: DP, 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: DEAN GRACEY

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

*Digitally signed by*

SIGNATURE: **ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: REELZ

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 260435.60N/0794953.76W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

USE TYPE

DP  
DP

USE TITLE

REGAE (RNAV)  
SNAPR (RNAV)

FAC

PAT

AIRPORT IDENT

KFLL  
KFLL

CITY

FORT LAUDERDALE  
FORT LAUDERDALE

STATE

FL (US)  
FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 08/12/2021

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DATE:

ORGANIZATION:

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AJV-A423

NAME: DEAN GRACEY

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DATE:

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OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

**ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX

OTHER:

QUALITY  
24  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: REGAE

STATE: OA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255013.35N/0792701.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
REGAE (RNAV)

FAC PAT

AIRPORT IDENT  
KFL

CITY  
FORT LAUDERDALE

STATE  
FL (US)

REQUIRED CHARTING: DP, 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: DEAN GRACEY

APPROVED BY:

DATE:

*Digitally signed by* OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: **ALLAN WILL**

May 28, 2021

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZMA  
ATC FACILITY: SOUTH CENTRAL FLORIDA METROPLEX  
OTHER:

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: URSUS STATE: COUNTRY: BF ICAO REGION CODE: MY  
 LATITUDE/LONGITUDE: 240000.19N/0790411.28W 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   | BIMINI  | ZBV   | VORTAC | H     | 177.09  | 173.09   | 102.66 | 102.66           | 10000 | 45000 |
| 2   | DOLPHIN | DHP   | VORTAC | H     | 150.78  | 146.78   | 128.29 | 128.29           | 16000 | 45000 |

## EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| ZBV       | VORTAC   | R-177          | 103      | 10000        | 45000        |
| DHP       | VORTAC   | R-151          | 129      | 16000        | 18000        |

## FIX RESTRICTIONS:

MRA DHP VORTAC 16000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

BIMINI (FAC 1) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

| USE TYPE | USE TITLE    | FAC | PAT | AIRPORT IDENT | CITY            | STATE   |
|----------|--------------|-----|-----|---------------|-----------------|---------|
| DP       | REGAE (RNAV) |     |     | KFLL          | FORT LAUDERDALE | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KHST          | HOMESTEAD       | FL (US) |
| DP       | MELLZ (RNAV) |     |     | X51           | HOMESTEAD       | FL (US) |
| DP       | MELLZ (RNAV) |     |     | 07FA          | KEY LARGO       | FL (US) |
| DP       | GWAVA (RNAV) |     |     | KMIA          | MIAMI           | FL (US) |
| DP       | NNOCE (RNAV) |     |     | KMIA          | MIAMI           | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KOPF          | MIAMI           | FL (US) |
| DP       | MELLZ (RNAV) |     |     | KTMB          | MIAMI           | FL (US) |
| EN ROUTE | A301         | 1   |     |               |                 | (BF)    |
| EN ROUTE | A509         | 2   |     |               |                 | (BF)    |
| EN ROUTE | AR23         |     |     |               |                 | (BF)    |
| EN ROUTE | AR24         |     |     |               |                 | (BF)    |
| EN ROUTE | Y297         |     |     |               |                 | (BF)    |
| EN ROUTE | Y319         |     |     |               |                 | (BF)    |

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

COMPULSORY REPORTING POINT: LOW/HIGH

RECORD REVISION NUMBER: 16 DATE OF REVISION: 08/12/2021

## REASON FOR REVISION:

FIX USE: ADDED KFLL DP REGAE (RNAV), KMIA DP GWAVA (RNAV), KMIA DP NNOCE (RNAV), AND KHST, KX51, K07FA, KOPF, AND KTMB DP MELLZ (RNAV).  
 REQUIRED CHARTING: ADDED DP.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: DEAN GRACEY  
 APPROVED BY: DATE: Digitally signed by OFFICE: AJV-A420 NAME: MARLON ROBINSON  
 SIGNATURE: ALLAN WILL  
 May 28, 2021

DISTRIBUTION: NFDC  
 FPO: ATL  
 ARTCC: ZMA  
 ATC FACILITY: MIA APP CON  
 OTHER: SOUTH CNTRL FL METROPLEX

QUALITY  
24  
CHECKED