

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: MODIFY

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	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: 2 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:

PAT 1: CHANGED RAD/CRS INBOUND FROM 300.67/120.67 TO 300.72/120.72.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** RAFAEL MARTINEZ

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A420 **NAME:** BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Dec 22, 2025



RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 254708.17N/0804218.48W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE STAR	FROGZ (RNAV)			KMIA	MIAMI	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/19/2026

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** RAFAEL MARTINEZ

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A420 **NAME:** BEV L BORDY

SIGNATURE:

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Dec 22, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: GRANN

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255335.23N/0800051.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT
KMIA

CITY
MIAMI

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAFAEL MARTINEZ

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

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Dec 22, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: HALER

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 254701.06N/0804200.05W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT
KMIA

CITY
MIAMI

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAFAEL MARTINEZ

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
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Dec 22, 2025

QUALITY
11
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JIGGY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255152.11N/0803348.36W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT
KMIA

CITY
MIAMI

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAFAEL MARTINEZ

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Dec 22, 2025

QUALITY
11
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 TIME	LENGTH 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)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:
REQUIRED CHARTING: ADDED STAR, EN ROUTE LOW/HIGH, CONTROLLER LOW/HIGH.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: RAFAEL MARTINEZ
APPROVED BY:	DATE: 02/12/2026	OFFICE: AJV-A420	NAME: BEV L BORDY
SIGNATURE:			<i>Digitally signed by</i> ROBERT G HAMILTON Dec 22, 2025



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:** MODIFY

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	VL	182.67	180.67	38.22	38.22	2100	45000
2	DOLPHIN	DHP	VORTAC	VH	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
RSW	VORTAC	R-183	39	18000	45000
DHP	VORTAC	R-278	78	8000	14600

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	W		WP	280.00	100.00	L	10	11000 37000	15 27

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	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	KRAKN (RNAV)		1	KEYW	KEY WEST	FL (US)
STAR	KRAKN (RNAV)		1	KNQX	KEY WEST	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: 14 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED CLASS FAC1 RSW FROM H TO VL, FAC2 DHP FROM H TO VH.

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:** RAFAEL MARTINEZ

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A420 **NAME:** BEV L BORDY

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Dec 22, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: NCLUB

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255246.43N/0801726.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR

USE TITLE
FROGZ (RNAV)

FAC

PAT

AIRPORT IDENT
KMIA

CITY
MIAMI

STATE
FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAFAEL MARTINEZ

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A420

NAME: BEV L BORDY

SIGNATURE:

Digitally signed by
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Dec 22, 2025

QUALITY
11
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 254244.60N/0800757.59W **TYPE:** WP, RADAR, 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	MIAMI	I-DCX	LOC/DME		124.47	119.47	10.64	10.64		3000	4500

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

REMARKS:

I-DCX DME COORDINATES: 254757.78N/0801814.51W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 30	1		KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 30			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 30			KMIA	MIAMI	FL (US)
STAR	SNDBR (RNAV)			KMIA	MIAMI	FL (US)
STAR	FROGZ (RNAV)			MIA	MIAMI	FL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:

FIX USE: ADDED STAR FROGZ (RNAV) AT KMIA.
REMARKS: CHANGED I-DCX DME LATITUDE COORDINATE DECIMAL PORTION FROM .77 TO .78.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: RAFAEL MARTINEZ
APPROVED BY:	DATE: 02/12/2026	OFFICE: AJV-A420	NAME: BEV L BORDY

SIGNATURE: Digitally signed by
ROBERT G HAMILTON
Dec 22, 2025



