



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 255524.22N/0803244.39W **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	MRA	MAA
1	MIAMI	I-GEM	LOC/DME		304.47	299.47	16.75		3000	4500

**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	NW	I-GEM	LOC/DME	304.46	124.46	L	1	3000 5000	5 6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	260224.00N/0803830.00W	214	4E

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

I-GEM DME COORDINATES: 254711.28N/0801632.42W.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12	1	1	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 12			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 12			KMIA	MIAMI	FL (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 10/02/2025

**REASON FOR REVISION:**

- FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG/TRUE BRG FROM "304.46/299.46" TO "304.47/299.47" & DELETED FAC 2 AND ITS ASSOCIATIONS.
- CONTROLLING OBSTRUCTIONS: DELETED 200' FROM AAO.
- HOLDING: DELETED FROM REMARKS AND ADDED "HOLDING LIMITED TO ESTABLISHED PATTERN."
- REASON FOR NONSTANDARD HOLDING: UPDATED FROM "PAT 1 AT REQUEST" TO "PAT 1 ATC REQUEST."
- REMARKS: UPDATED I-GEM DME COORDINATES FROM "254711.28N/0801632.41W" TO "254711.28N/0801632.42W" AND ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED."
- FIX USE: ADDED THE FOLLOWING IAPS AT KMIA - "ILS OR LOC RWY 12, FAC 1, PAT 1; RNAV (GPS) Z RWY 12 AND RNAV (RNP) Y RWY 12."

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A433 **NAME:** KAMARUDINI RAIMI

**APPROVED BY:** **DATE:** 08/28/2025 **OFFICE:** AJV-A433 **NAME:** ROBERT HAMILTON

**SIGNATURE:** *Digitally signed by*  
**ROBERT G HAMILTON**  
Aug 15, 2025



# RADIO FIX AND HOLDING DATA RECORD

NAME: PIANA

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255227.09N/0802656.47W

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	FEET	MRA	MAA
1	MIAMI	I-GEM	LOC/DME		304.47	299.47	10.75			3000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

I-GEM DME COORDINATES: 254711.28N/0801632.42W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12	1		KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 12			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 12			KMIA	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			X51	HOMESTEAD	FL (US)
STAR	CSTAL (RNAV)			07FA	KEY LARGO	FL (US)
STAR	CSTAL (RNAV)			KMIA	MIAMI	FL (US)
STAR	CSTAL (RNAV)			KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/02/2025

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG/TRUE BRG FROM "304.46/299.46" TO "304.47/299.47."
2. REMARKS: DELETED "MIAMI (FAC 1) USED TO ESTABLISH FIX COORDINATES."
3. REQUIRED CHARTING: ADDED "EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW AND CONTROLLER HIGH."

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: KAMARUDINI RAIMI

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

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Aug 15, 2025



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** VAYQO

**STATE:** FL

**COUNTRY:** US

**ICAO REGION CODE:** K7

**LATITUDE/LONGITUDE:** 254628.61N/0801514.63W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP  
IAP

**USE TITLE**  
RNAV (GPS) Z RWY 12  
RNAV (RNP) Y RWY 12

**FAC PAT**

**AIRPORT IDENT**  
KMIA  
KMIA

**CITY**  
MIAMI  
MIAMI

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

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 10/02/2025

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: DELETED FAC 1 AND ASSOCIATIONS.
2. FIX USE: ADDED THE FOLLOWING IAPS AT KMIA - "RNAV (GPS) Z RWY 12 AND RNAV (RNP) Y RWY 12."

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

**NAME:** KAMARUDINI RAIMI

**APPROVED BY:**

**DATE:** 08/28/2025

**OFFICE:** AJV-A433

**NAME:** ROBERT HAMILTON

**SIGNATURE:**

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Aug 15, 2025



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 255054.29N/0802354.51W **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	FEET	MRA	MAA
1	MIAMI	I-GEM	LOC/DME		304.47	299.47	7.61			2000	4500

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

**REMARKS:**

I-GEM DME COORDINATES: 254711.28N/0801632.42W.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 12	1		KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 12			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 12			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 30			KMIA	MIAMI	FL (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 10/02/2025

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG BRG/TRUE BRG FROM "304.46/299.46" TO "304.47/299.47" & DELETED FAC 2 AND ITS ASSOCIATIONS.
2. REMARKS: DELETED "KMIA R12 (FAC 2) USED TO ESTABLISH FIX COORDINATES" AND "FIX COORDINATES REFLECT LOCATION OF RNP PFAF" AND UPDATED I-GEM COORDINATES FROM "254711.28N/0801632.41W" TO "254711.28N/0801632.42W."
3. FIX USE: ADDED THE FOLLOWING IAPS AT KMIA - "ILS OR LOC RWY 12 AND FAC 1, RNAV (GPS) Z RWY 12, RNAV (RNP) Y RWY 12 AND RNAV (RNP) Y RWY 30."

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

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