

RADIO FIX AND HOLDING DATA RECORD

NAME: BRBRA

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 255802.23N/0802710.87W

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	DOLPHIN	DHP	VORTAC	H	334.68	330.68	11.48	11.48	2000	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	DHP	VORTAC	334.68	154.68	R	1	2000 10000	4 12
2	NW		WP	335.68	155.68	R	4	2000 10000	4 13
3	NW		WP	334.00	154.00	R	4	2000 10000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	260033.00N/0803430.00W	214	4E
1	310	TOWER (12-002435)	255128.00N/0802851.00W	372	5D
2	200	AAO	260057.00N/0803557.00W	214	4E
2	310	TOWER (12-002435)	255128.00N/0802851.00W	372	5D
3	200	AAO	260200.00N/0802530.00W	214	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26L	KMIA	MIAMI	FL (US)
1	LOC RWY 26R	KMIA	MIAMI	FL (US)
1	ILS OR LOC RWY 27	KMIA	MIAMI	FL (US)
2	RNAV (RNP) Z RWY 26L	KMIA	MIAMI	FL (US)
2	RNAV (GPS) Y RWY 26L	KMIA	MIAMI	FL (US)
2	RNAV (GPS) RWY 26R	KMIA	MIAMI	FL (US)
2	RNAV (GPS) Y RWY 27	KMIA	MIAMI	FL (US)
2	RNAV (RNP) Z RWY 27	KMIA	MIAMI	FL (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HEDLY (RNAV)			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 12 (ALTERNATE MISSED APP)	1	1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 26L	1	1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27	1	1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 30	1	1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 8R	1	1	KMIA	MIAMI	FL (US)
IAP	LOC RWY 26R	1	1	KMIA	MIAMI	FL (US)
IAP	LOC RWY 8L	1	1	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 26R		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 8L		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Y RWY 26L		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Y RWY 27		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 30		2	KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 30		2	KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Z RWY 26L		2	KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Z RWY 27		2	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27R	1	1	KOPF	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 27R		3	KOPF	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9		3	KTNT	MIAMI	FL (US)

REQUIRED CHARTING: DP, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/12/2021

REASON FOR REVISION:

1. PATTERNS: CHANGED PAT 1 LEG LENGTH TIME FROM 1-1 1/2 TO 1 AND MAX TEMPLATE FROM 9 TO 12; CHANGED PAT 2 MAX TEMPLATE FROM 10 TO 13.
2. CONTROLLING OBSTRUCTIONS: UPDATED PAT 1 AND 2 200 AIRSPEED COORDINATES; ADDED PAT 1 AND 2 310 AIRSPEED CONTROLLERS.
3. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED THE FOLLOWING TO KMIA: ILS OR LOC RWY 26L, ILS OR LOC RWY 27, LOC RWY 26R, RNAV (RNP) Z RWY 26L, RNAV (GPS) Y RWY 26L, RNAV (GPS) RWY 26R, RNAV (GPS) Y RWY 27 AND RNAV (RNP) Z RWY 27.
4. FIX USE: ADDED KMIA ILS OR LOC RWY 27; CHANGED THE FOLLOWING KMIA PROCEDURE NAMES: "RNAV (GPS) Z RWY 26L" TO "RNAV (GPS) Y RWY 26L", "RNAV (RNP) Y RWY 26L" TO "RNAV (RNP) Z RWY 26L", "RNAV (RNP) Y RWY 27" TO "RNAV (RNP) Z RWY 27", "RNAV (GPS) Z RWY 27" TO "RNAV (GPS) Y RWY 27", "LOC/DME RWY 8L" TO "LOC RWY 8L" AND "LOC/DME RWY 26R" TO "LOC RWY 26R".

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** SHANE FOWLER

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DOLPHIN VORTAC **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 254759.87N/0802056.53W **TYPE:**

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	DOLPHIN	DHP	VORTAC	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	DHP	VORTAC	289.00	109.00	L	1		3000	6000	8	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (12-000221)	254624.36N/0802516.20W	549	4D
1	310	BLDG	254647.53N/0801137.78W	1049	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.
265K PATTERN FOR MILITARY TRAFFIC.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 27	KMIA	MIAMI	FL (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 4W/1995.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	FT. LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	POTTR			KMIA	MIAMI	FL (US)
DP	SOUBY			KMIA	MIAMI	FL (US)
DP	TAKEOFF MINIMUMS			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	FT. LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	A509					(US)
EN ROUTE	AR10					(US)
EN ROUTE	BR49V					(US)
EN ROUTE	G439					(US)
EN ROUTE	V157					(US)
EN ROUTE	V267					(US)
EN ROUTE	V3					(US)
EN ROUTE	V35					(US)
EN ROUTE	V437					(US)
EN ROUTE	V511					(US)
EN ROUTE	V521					(US)
EN ROUTE	V599					(US)
EN ROUTE	V7					(US)
EN ROUTE	V97					(US)
IAP	ILS OR LOC RWY 10L			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 10R			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 28L			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 12			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 26L			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27		1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 30			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 8R			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9			KMIA	MIAMI	FL (US)
IAP	LOC/DME RWY 26R			KMIA	MIAMI	FL (US)
IAP	LOC/DME RWY 8L			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 12			KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27R			KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9L			KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9R			KTMB	MIAMI	FL (US)

IAP	RNAV (GPS) RWY 9L	KTMB	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9R	KTMB	MIAMI	FL (US)
STAR	BLUFI	KFLL	FORT LAUDERDALE	FL (US)
STAR	DVALL	KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL	KFLL	FORT LAUDERDALE	FL (US)
STAR	BLUFI	KFXE	FORT LAUDERDALE	FL (US)
STAR	DVALL	KFXE	FORT LAUDERDALE	FL (US)
STAR	FORTL	KFXE	FORT LAUDERDALE	FL (US)
STAR	BLUFI	KHWO	HOLLYWOOD	FL (US)
STAR	FORTL	KHWO	HOLLYWOOD	FL (US)
STAR	BLUFI	KHST	HOMESTEAD	FL (US)
STAR	CYPRESS	KHST	HOMESTEAD	FL (US)
STAR	DVALL	KHST	HOMESTEAD	FL (US)
STAR	FOWEE	KHST	HOMESTEAD	FL (US)
STAR	PALMZ	KHST	HOMESTEAD	FL (US)
STAR	BLUFI	X51	HOMESTEAD	FL (US)
STAR	CYPRESS	X51	HOMESTEAD	FL (US)
STAR	FOWEE	X51	HOMESTEAD	FL (US)
STAR	PALMZ	X51	HOMESTEAD	FL (US)
STAR	WLACE (RNAV)	KUTX	JUPITER	FL (US)
STAR	BLUFI	07FA	KEY LARGO	FL (US)
STAR	CYPRESS	07FA	KEY LARGO	FL (US)
STAR	FOWEE	07FA	KEY LARGO	FL (US)
STAR	PALMZ	07FA	KEY LARGO	FL (US)
STAR	BLUFI	KMIA	MIAMI	FL (US)
STAR	CYPRESS	KMIA	MIAMI	FL (US)
STAR	DVALL	KMIA	MIAMI	FL (US)
STAR	FOWEE	KMIA	MIAMI	FL (US)
STAR	PALMZ	KMIA	MIAMI	FL (US)
STAR	BLUFI	KOPF	MIAMI	FL (US)
STAR	CYPRESS	KOPF	MIAMI	FL (US)
STAR	DVALL	KOPF	MIAMI	FL (US)
STAR	FORTL	KOPF	MIAMI	FL (US)
STAR	PALMZ	KOPF	MIAMI	FL (US)
STAR	BLUFI	KTMB	MIAMI	FL (US)
STAR	CYPRESS	KTMB	MIAMI	FL (US)
STAR	DVALL	KTMB	MIAMI	FL (US)
STAR	FOWEE	KTMB	MIAMI	FL (US)
STAR	PALMZ	KTMB	MIAMI	FL (US)
STAR	BLUFI	KPMP	POMPANO BEACH	FL (US)
STAR	DVALL	KPMP	POMPANO BEACH	FL (US)
STAR	FORTL	KPMP	POMPANO BEACH	FL (US)
STAR	WLACE (RNAV)	KSUA	STUART	FL (US)
STAR	WLACE (RNAV)	F45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KLNA	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)	KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 04/22/2021

REASON FOR REVISION:

1. RAISED PAT 1 MAX TEMPLATE FROM 9 TO 13.

2. ADDED STAR PALMZ FOR HOMESTEAD ARB, HOMESTEAD, FL (KHST), MIAMI EXEC, MIAMI, FL (KTMB), MIAMI HOMESTEAD GENERAL AVIATION, HOMESTEAD, FL (KX51), MIAMI INTL, MIAMI, FL (KMIA), MIAMI-OPA LOCKA EXEC, MIAMI, FL (KOPF), OCEAN REEF CLUB, KEY LARGO, FL (K07FA) IN FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:**

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: TUBBZ

STATE: OA

COUNTRY: US

ICAO REGION CODE: *

LATITUDE/LONGITUDE: 254535.10N/0795237.02W

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 26L			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27			KMIA	MIAMI	FL (US)
IAP	LOC RWY 26R			KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 26R			KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Y RWY 26L			KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Y RWY 27			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Z RWY 26L			KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Z RWY 27			KMIA	MIAMI	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: SHANE FOWLER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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