

RADIO FIX AND HOLDING DATA RECORD

NAME: BEECH

STATE:

COUNTRY: BF

ICAO REGION CODE: DF

LATITUDE/LONGITUDE: 255830.37N/0792303.15W

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	103.79	097.79	42.69	42.69	4000	45000
2	BIMINI	ZBV	VORTAC	H	347.33	343.33	16.92	16.92	4000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FLL	VOR/DME	R-104	43	3000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FORT LAUDERDALE (FAC 1) AND BIMINI (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FORT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	SNAPR (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	FORT LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	FORT LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
EN ROUTE	BR55V					(BF)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, REMOVED DP BEECH (RNAV) FROM KFLL - CANCELLATION.
UPDATED FIX USE, REMOVED DP POTTR FROM KMIA - CANCELLATION.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: BIMINI VORTAC **STATE:** **COUNTRY:** BF **ICAO REGION CODE:** DF

LATITUDE/LONGITUDE: 254215.00N/0791740.00W **TYPE:**

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 FEET	MRA	MAA
1	BIMINI	ZBV	VORTAC	H					3000	18000

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	SE		WP	121.71	301.71		8	12000 16000	10 16
2	SE	ZBV	VORTAC	119.71	299.71	R	1	3000 8000	4 8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	254310.20N/0791755.60W	246	6C
2	200	AAO	254518.00N/0791648.00W	207	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR W04 (1985).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FORT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	FORT LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	FORT LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	A301					(BF)
EN ROUTE	A315					(BF)
EN ROUTE	A555					(BF)
EN ROUTE	B760					(BF)
EN ROUTE	BR22V					(BF)
EN ROUTE	BR55V					(BF)
EN ROUTE	BR57V					(BF)
EN ROUTE	BR69V					(BF)
IAP	ILS OR LOC RWY 12			KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9L			KOPF	MIAMI	FL (US)
STAR	DEKAL		2	KFLL	FORT LAUDERDALE	FL (US)
STAR	GISSH			KFLL	FORT LAUDERDALE	FL (US)
STAR	WAVUN (RNAV)		1	KFLL	FORT LAUDERDALE	FL (US)
STAR	DEKAL		2	KFXE	FORT LAUDERDALE	FL (US)
STAR	GISSH			KFXE	FORT LAUDERDALE	FL (US)
STAR	WAVUN (RNAV)		1	KFXE	FORT LAUDERDALE	FL (US)
STAR	DEKAL		2	KHWO	HOLLYWOOD	FL (US)
STAR	GISSH			KHWO	HOLLYWOOD	FL (US)
STAR	WAVUN (RNAV)		1	KHWO	HOLLYWOOD	FL (US)
STAR	FLIPR (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	FOWEE			KHST	HOMESTEAD	FL (US)
STAR	FLIPR (RNAV)			X51	HOMESTEAD	FL (US)
STAR	FOWEE			X51	HOMESTEAD	FL (US)
STAR	FLIPR (RNAV)			07FA	KEY LARGO	FL (US)
STAR	FOWEE			07FA	KEY LARGO	FL (US)
STAR	FLIPR (RNAV)			KMIA	MIAMI	FL (US)
STAR	FOWEE			KMIA	MIAMI	FL (US)
STAR	DEKAL		2	KOPF	MIAMI	FL (US)
STAR	GISSH			KOPF	MIAMI	FL (US)
STAR	WAVUN (RNAV)		1	KOPF	MIAMI	FL (US)
STAR	FLIPR (RNAV)			KTMB	MIAMI	FL (US)
STAR	FOWEE			KTMB	MIAMI	FL (US)
STAR	DEKAL		2	KPMP	POMPANO BEACH	FL (US)
STAR	GISSH			KPMP	POMPANO BEACH	FL (US)
STAR	WAVUN (RNAV)		1	KPMP	POMPANO 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: 12

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. REMOVED EONNS (RNAV) DP, POTTR DP AND SOUBY DP AT KMIA FROM FIX USE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

NAME: TYLER MITCHELL**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:**

NFDC

FPO: EST

ARTCC: ZMA

ATC FACILITY: MIA TRACON

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	BLUF1	KFLL	FORT LAUDERDALE	FL (US)
STAR	DVALL	KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL	KFLL	FORT LAUDERDALE	FL (US)
STAR	BLUF1	KFXE	FORT LAUDERDALE	FL (US)
STAR	DVALL	KFXE	FORT LAUDERDALE	FL (US)
STAR	FORTL	KFXE	FORT LAUDERDALE	FL (US)
STAR	BLUF1	KHWO	HOLLYWOOD	FL (US)
STAR	FORTL	KHWO	HOLLYWOOD	FL (US)
STAR	BLUF1	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	BLUF1	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	BLUF1	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	BLUF1	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	BLUF1	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	BLUF1	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	BLUF1	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: AJV-A433 **NAME:** JAMES LAFFERTY

APPROVED BY: **DATE:** 05/10/2021 **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: HEDLY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 263457.61N/0803549.24W

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 NM	FAC FEET	MRA	MAA
1	PAHOKEE	PHK	VOR/DME	H	157.00	157.00	13.00	13.00		2000	45000
2	PALM BEACH	PBI	VORTAC	H	261.13	258.13		28.06		2000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PAHOKEE (FAC 1) AND PALM BEACH (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V267	1, 2				(US)
EN ROUTE	V437	1, 2				(US)
IAP	RNAV (GPS) RWY 36			KPHK	PAHOKEE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

REMOVED PRRIE STAR FROM FIX USE.
REMOVED BSTER (RNAV), HEDLY (RNAV), HITAG (RNAV) AND POTTR DPS FROM FIX USE.
REMOVED DP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: STEVEN WINNER

APPROVED BY:

DATE: 05/19/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JANUS

STATE: OA

COUNTRY: US

ICAO REGION CODE: K

LATITUDE/LONGITUDE: 260538.81N/0793800.64W

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	VIRGINIA KEY	VKZ	VOR/DME	H	057.89	053.89		34.83	4500	45000
2	BIMINI	ZBV	VORTAC	H	325.89	321.89		29.68	2000	45000
3	FREEPOR	ZFP	VOR/DME	H	244.53	241.53	57.49	57.49	4000	45000
4	DOLPHIN	DHP	VORTAC	H	069.39	065.39	42.51	42.51	2000	5000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ZFP	VOR/DME	R-245	58	4000	14500
DHP	VORTAC	R-069	43	2000	5000

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	SW		WP	239.89	059.89	R		4	2000	5000	4	6
2	W	DHP	VORTAC	069.39	069.39	R	1		2000	5000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPD	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	260538.81N/0793800.64W	280	2C
2	200	SHIP	260538.81N/0793800.64W	280	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

VIRGINIA KEY (FAC 1) AND BIMINI (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	BR66V	1, 2, 3				(US)
EN ROUTE	AR11	1, 2, 3				FL (US)
IAP	ILS OR LOC RWY 12	2, 3, 4	2	KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9L	2, 3, 4	2	KOPF	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 12		1	KOPF	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9L		1	KOPF	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. REMOVED PADUS (RNAV) DP, POTTR DP AND VALLY (RNAV) DP AT KMIA FROM FIX USE.
2. REMOVED DP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 263147.55N/0814632.76W **TYPE:**

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 FEET	MRA	MAA
1	LEE COUNTY	RSW	VORTAC	L						45000

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW	RSW	VORTAC	301.97	121.97	R	1		8000 14000	8 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001861)	263019.69N/0815107.70W	510	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR: W02/1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FORT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	FORT LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	CSHEL (RNAV)			KFMY	FORT MYERS	FL (US)
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KRSW	FORT MYERS	FL (US)
DP	MOOKY			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	CSHEL (RNAV)			KMKY	MARCO ISLAND	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	CSHEL (RNAV)			KAPF	NAPLES	FL (US)
DP	NAPLES			KAPF	NAPLES	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	FORT LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	V225					(US)
EN ROUTE	V35					(US)
EN ROUTE	V521					(US)
EN ROUTE	V539					(US)
EN ROUTE	V579					(US)
EN ROUTE	V599					(US)
EN ROUTE	V7					(US)
IAP	ILS OR LOC RWY 5			KFMY	FORT MYERS	FL (US)
IAP	RNAV (GPS) RWY 13			KFMY	FORT MYERS	FL (US)
IAP	RNAV (GPS) RWY 31			KFMY	FORT MYERS	FL (US)
IAP	VOR RWY 13			KFMY	FORT MYERS	FL (US)
IAP	BAY VISUAL RWY 6			KRSW	FORT MYERS	FL (US)
IAP	ILS OR LOC/DME RWY 6			KRSW	FORT MYERS	FL (US)
IAP	VOR/DME OR TACAN RWY 24			KRSW	FORT MYERS	FL (US)
IAP	VOR RWY 23			KAPF	NAPLES	FL (US)
IAP	VOR RWY 5			KAPF	NAPLES	FL (US)
IAP	ILS OR LOC RWY 4			KPGD	PUNTA GORDA	FL (US)
IAP	RNAV (GPS) RWY 33			KPGD	PUNTA GORDA	FL (US)
IAP	RNAV (GPS) RWY 4			KPGD	PUNTA GORDA	FL (US)
STAR	TTYLR			KBCT	BOCA RATON	FL (US)
STAR	BRDGE			KCLW	CLEARWATER	FL (US)
STAR	FORTL		1	KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL		1	KFXE	FORT LAUDERDALE	FL (US)
STAR	JOSFF			KFMY	FORT MYERS	FL (US)
STAR	SHFTY (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	JOSFF			KRSW	FORT MYERS	FL (US)
STAR	SHIFTY (RNAV)			KRSW	FORT MYERS	FL (US)

STAR	TYNEE (RNAV)		KRSW	FORT MYERS	FL (US)
STAR	FORTL	1	KHWO	HOLLYWOOD	FL (US)
STAR	PALMZ		KHST	HOMESTEAD	FL (US)
STAR	PALMZ		X51	HOMESTEAD	FL (US)
STAR	TTYLR		06FA	JUPITER	FL (US)
STAR	PALMZ		07FA	KEY LARGO	FL (US)
STAR	MINEE		KLEE	LEESBURG	FL (US)
STAR	SHIFTY (RNAV)		KMKY	MARCO ISLAND	FL (US)
STAR	MINEE		KCOI	MERRITT ISLAND	FL (US)
STAR	PALMZ		KMIA	MIAMI	FL (US)
STAR	FORTL	1	KOPF	MIAMI	FL (US)
STAR	PALMZ		KOPF	MIAMI	FL (US)
STAR	PALMZ		KTMB	MIAMI	FL (US)
STAR	SHIFTY (RNAV)		KAPF	NAPLES	FL (US)
STAR	MINEE		KISM	ORLANDO	FL (US)
STAR	MINEE		KMCO	ORLANDO	FL (US)
STAR	MINEE		KORL	ORLANDO	FL (US)
STAR	MINEE		KSFB	ORLANDO	FL (US)
STAR	FORTL	1	KPMP	POMPANO BEACH	FL (US)
STAR	BRDGE		KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE		KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	TTYLR		KSUA	STUART	FL (US)
STAR	BRDGE		KMCF	TAMPA	FL (US)
STAR	BRDGE		KTPA	TAMPA	FL (US)
STAR	BRDGE		KTPF	TAMPA	FL (US)
STAR	BRDGE		KVDF	TAMPA	FL (US)
STAR	MINEE		KTIX	TITUSVILLE	FL (US)
STAR	TTYLR		F45	WEST PALM BEACH	FL (US)
STAR	TTYLR		KLNA	WEST PALM BEACH	FL (US)
STAR	TTYLR		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. FIX USE: REMOVED COSTR STAR ENTRIES FOR KX04, KCOF, KLEE, KMLB, KCOI, KISM, KMCO, KORL, KSFB, AND KTIX.
2. FIX USE: REMOVED DEAKK STAR ENTRIES FOR KPIE, KMCF, KTPA, AND KVDF.

05/20/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/13/21:

1. FIX USE: REMOVED POTTR DP FROM KMIA.
2. FIX USE: REMOVED CYPRESS STAR FROM KHST, X51, 07FA, KMIA, KOPF AND KTMB.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** MARK CIARLONE

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZMA
ATC FACILITY: ORL APP CON, TPA APP CON
OTHER: MCO ATCT, ZJX

RADIO FIX AND HOLDING DATA RECORD

NAME: PADUS **STATE:** **COUNTRY:** BF **ICAO REGION CODE:** DF

LATITUDE/LONGITUDE: 262114.43N/0790630.90W **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	FREEPORT	ZFP	VOR/DME	H	244.52	241.52	25.18	25.18	2000	45000
2	FORT LAUDERDALE	FLL	VOR/DME	H	079.41	073.41	59.49	59.49	7000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FLL	VOR/DME	R-079	60	7000	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	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	SW	ZFP	VOR/DME	244.52	064.52	R	1 1/2		2000	17500	6	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	SHIP	262114.43N/0790630.90W	280	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

FREEPORT (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	BR66V	1, 2				(BF)
EN ROUTE	BR70V	1, 2				(BF)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 10/07/2021

REASON FOR REVISION:

1. REMOVED BSTER (RNAV) DP, HITAG (RNAV) DP, PADUS (RNAV) DP AND POTTR DP AT KMIA FROM FIX USE.
2. REMOVED DP FROM REQUIRED CHARTING.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** TYLER MITCHELL

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: MYGF TOWER, MYNN TOWER
OTHER: ICAO

RADIO FIX AND HOLDING DATA RECORD

NAME: PAHOKEE VOR/DME STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 264657.87N/0804129.16W TYPE:

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 FEET	MRA	MAA
1	PAHOKEE	PHK	VOR/DME	H						45000

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	S	PHK	VORTAC	182.15	002.15	R	1	2000 5000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003734)	263955.74N/0803837.45W	490	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 0E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	NAPLES			KAPF	NAPLES	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	LGTNG			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	BUFIT (RNAV)			KPBI	WEST PALM BEACH	FL (US)
DP	LMORE (RNAV)			KPBI	WEST PALM BEACH	FL (US)
DP	MIXAE (RNAV)			KPBI	WEST PALM BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
DP	SLIDZ (RNAV)			KPBI	WEST PALM BEACH	FL (US)
DP	TBIRD (RNAV)			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	V267					FL (US)
EN ROUTE	V437					FL (US)
EN ROUTE	V492					FL (US)
EN ROUTE	V51					FL (US)
EN ROUTE	V601					FL (US)
IAP	ILS OR LOC RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 32			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 18			KPHK	PAHOKEE	FL (US)
IAP	RNAV (GPS) RWY 36			KPHK	PAHOKEE	FL (US)
IAP	RNAV (GPS) RWY 14			F45	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS)-A			KLNA	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 10L			KPBI	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 28R			KPBI	WEST PALM BEACH	FL (US)
SPECIAL IAP	ILS OR LOC RWY 9		1	06FA	JUPITER	FL (US)
STAR	GOOFY			X04	APOPKA	FL (US)
STAR	BRDGE			KCLW	CLEARWATER	FL (US)
STAR	FORTL			KFLL	FORT LAUDERDALE	FL (US)
STAR	FORTL			KFXE	FORT LAUDERDALE	FL (US)
STAR	FORTL			KHWO	HOLLYWOOD	FL (US)
STAR	GOOFY			KLEE	LEESBURG	FL (US)
STAR	GOOFY			KCOI	MERRITT ISLAND	FL (US)
STAR	FORTL			KOPF	MIAMI	FL (US)
STAR	GOOFY			KISM	ORLANDO	FL (US)
STAR	GOOFY			KMCO	ORLANDO	FL (US)
STAR	GOOFY			KORL	ORLANDO	FL (US)
STAR	GOOFY			KSFB	ORLANDO	FL (US)
STAR	FORTL			KPMF	POMPANO BEACH	FL (US)
STAR	BRDGE			KSPG	ST PETERSBURG	FL (US)
STAR	BRDGE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
STAR	BRDGE			KMCF	TAMPA	FL (US)
STAR	BRDGE			KTPA	TAMPA	FL (US)
STAR	BRDGE			KTPF	TAMPA	FL (US)
STAR	BRDGE			KVDF	TAMPA	FL (US)
STAR	GOOFY			KTIX	TITUSVILLE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, REMOVED DEAKK STAR (RNAV), BAIRN (RNAV) STAR, CYPRESS STAR, TUXXI STAR AND ALL AIRPORT ASSOCIATIONS - CANCELLATIONS.

UPDATED FIX USE, REMOVED POTTR DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO:

ARTCC: ZMA

ATC FACILITY: MCO APP CON, PBI APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PALM BEACH VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 264048.20N/0800511.36W

TYPE:

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 FEET	MRA	MAA
1	PALM BEACH	PBI	VORTAC	H						45000

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	E	PBI	VORTAC	090.00	270.00	R	1	2000 10000	4 9
2	N	PBI	VORTAC	343.24	163.24	L	1	13000 45000	10 29
3	N		WP	345.19	165.19	L	10	5000 14000	15 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-027176)	264431.00N/0800729.00W	475	2C
2	230	TOWER (12-002502)	264759.72N/0800431.74W	541	1A
3	200	TOWER (12-003439)	270131.99N/0801041.87W	1038	1A

REASON FOR NONSTAN

PAT 2 AIR TRAFFIC

PAT 3 AIR TRAFFIC

I have requested this be changed with Barry Smith.
Need to remove the HILEY (RNAV) STAR, CYPRESS
(STAR) and the POTTR DP.

HOLDING RESTRICTION:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER (PAT 2 & 3) OVER W-497.

REMARKS:

PAT 1 HOLDING ATC REQUEST.

PAT 3 10 MILE LEG ATC REQUEST, MIN/MAX TEMPLATES SET TO 15 FOR HOLDING PATTERN LEG LENGTH.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ASSIGNED FACILITY MAG VAR: 3 DEGREES WEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	FORT LAUDERDALE			KFLL	FORT LAUDERDALE	FL (US)
DP	FORT LAUDERDALE			KFXE	FORT LAUDERDALE	FL (US)
DP	MIAMI			KHWO	HOLLYWOOD	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	MIAMI			KMIA	MIAMI	FL (US)
DP	POTTR			KMIA	MIAMI	FL (US)
DP	MIAMI			KOPF	MIAMI	FL (US)
DP	MIAMI			KTMB	MIAMI	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	FORT LAUDERDALE			KPMP	POMPANO BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	A699					(US)
EN ROUTE	BR21V					(US)
EN ROUTE	BR54V					(US)
EN ROUTE	BR55V					(US)
EN ROUTE	BR63V					(US)
EN ROUTE	BR69V					(US)
EN ROUTE	V3					(US)
EN ROUTE	V492					(US)
EN ROUTE	V531					(US)
EN ROUTE	V537					(US)
IAP	RNAV (GPS) Y RWY 23			KBCT	BOCA RATON	FL (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 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 9			KFXE	FORT LAUDERDALE	FL (US)
IAP	LOC RWY 15			KPMP	POMPANO BEACH	FL (US)
IAP	RNAV (GPS) RWY 30			KSUA	STUART	FL (US)
IAP	ILS OR LOC RWY 9R			F45	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 10L			KPBI	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 28R			KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 10L			KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 14			KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 28R			KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 32			KPBI	WEST PALM BEACH	FL (US)
SPECIAL IAP	ILS OR LOC RWY 9			06FA	JUPITER	FL (US)
STAR	GOOFY			X04	APOPKA	FL (US)
STAR	CAYSL (RNAV)			KBCT	BOCA RATON	FL (US)

STAR	PRRIE (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	TUXXI		KBCT	BOCA RATON	FL (US)
STAR	BLUFI		KFLL	FORT LAUDERDALE	FL (US)
STAR	BLUFI		KFXE	FORT LAUDERDALE	FL (US)
STAR	BLUFI		KHWO	HOLLYWOOD	FL (US)
STAR	ANNEY	2	KHST	HOMESTEAD	FL (US)
STAR	BLUFI		KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	3	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	2	X51	HOMESTEAD	FL (US)
STAR	BLUFI		X51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	3	X51	HOMESTEAD	FL (US)
STAR	FRWAY (RNAV)		06FA	JUPITER	FL (US)
STAR	TUXXI		06FA	JUPITER	FL (US)
STAR	WLACE (RNAV)		06FA	JUPITER	FL (US)
STAR	ANNEY	2	07FA	KEY LARGO	FL (US)
STAR	BLUFI		07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)	3	07FA	KEY LARGO	FL (US)
STAR	BAIRN (RNAV)		KLEE	LEESBURG	FL (US)
STAR	GOOFY		KLEE	LEESBURG	FL (US)
STAR	GOOFY		KCOI	MERRITT ISLAND	FL (US)
STAR	ANNEY	2	KMIA	MIAMI	FL (US)
STAR	BLUFI		KMIA	MIAMI	FL (US)
STAR	CYPRESS		KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)	3	KMIA	MIAMI	FL (US)
STAR	BLUFI		KOPF	MIAMI	FL (US)
STAR	ANNEY	2	KTMB	MIAMI	FL (US)
STAR	BLUFI		KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)	3	KTMB	MIAMI	FL (US)
STAR	BAIRN (RNAV)		KISM	ORLANDO	FL (US)
STAR	GOOFY		KISM	ORLANDO	FL (US)
STAR	BAIRN (RNAV)		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	BAIRN (RNAV)		KORL	ORLANDO	FL (US)
STAR	GOOFY		KORL	ORLANDO	FL (US)
STAR	BAIRN (RNAV)		KSFB	ORLANDO	FL (US)
STAR	GOOFY		KSFB	ORLANDO	FL (US)
STAR	BLUFI		KPMP	POMPAÑO BEACH	FL (US)
STAR	WLACE (RNAV)		KSUA	STUART	FL (US)
STAR	FRWAY (RNAV)		F45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)		F45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)		KLNA	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	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, SPECIAL IAP, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

AIRSPACE DOCKET: REMOVED 19-ASO-7.

HOLDING: REMOVED UNPLANNED HOLDING CONTROLLING OBSTRUCTION AND HOLDING RESTRICTION. REMOVED (UNPLAN FL180) FROM REMAINING HOLDING RESTRICTION.

FIX USE: ADDED KFLL ILS OR LOC RWY 10L, RWY 10R AND RWY 28R IAPS.

FIX USE: REMOVED STAR TUXXI AT KPBI.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: ATL

ARTCC: ZMA

ATC FACILITY: MIA APP CON, PBI APP CON

OTHER: MCO ATCT, MCO APP CON

RADIO FIX AND HOLDING DATA RECORD

NAME: POTTR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 254829.47N/0801024.43W

TYPE: WP, INT, DME

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	091.00	087.00	9.52	9.52		1300	17500
2	VIRGINIA KEY	VKZ	VOR/DME	H	347.00	343.00		3.52		1300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DOLPHIN (FAC 1) AND VIRGINIA KEY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HITAG (RNAV)			KMIA	MIAMI	FL (US)
DP	POTTR	1, 2		KMIA	MIAMI	FL (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/02/2013

REASON FOR REVISION:

UPDATED REMARKS TO SHOW WHICH FACILITIES THAT MAKE UP COORDINATES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/11/2013

OFFICE: AJV-352

NAME: RONNI SALPINO

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZMA
ATC FACILITY: MIA TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: VIRGINIA KEY VOR/DME STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 254506.85N/0800916.00W TYPE:

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	VIRGINIA KEY	VKZ	VOR/DME	H						45000

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	VKZ	VOR/DME	120.00	300.00	L	1		2100	6000	4	5
2	SE		WP	120.00	300.00	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BUILDING (12-026968)	254641.23N/0801102.87W	1049	1A
1	310	BUILDING (12-026968)	254641.23N/0801102.87W	1049	1A
2	200	BUILDING (12-026968)	254641.23N/0801102.87W	1049	1A
2	310	BUILDING (12-026968)	254641.23N/0801102.87W	1049	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUESTED
 PAT 2 ATC REQUESTED.

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 9	KMIA	MIAMI	FL (US)
1	ILS OR LOC RWY 8R	KMIA	MIAMI	FL (US)
2	RNAV (RNP) Y RWY 8R	KMIA	MIAMI	FL (US)
2	RNAV (GPS) RWY 9	KMIA	MIAMI	FL (US)
2	RNAV (GPS) Z RWY 12	KMIA	MIAMI	FL (US)
2	RNAV (RNP) Y RWY 12	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	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	AR11					(US)
EN ROUTE	AR17					(US)
EN ROUTE	BR53V					(US)
EN ROUTE	BR64V					(US)
EN ROUTE	BR66V					(US)
EN ROUTE	G430					(US)
EN ROUTE	V159					(US)
EN ROUTE	V295					(US)
IAP	ILS OR LOC RWY 28R			KFLL	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 9			KFXE	FORT LAUDERDALE	FL (US)
IAP	ILS OR LOC RWY 12		1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27		1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 30 (ALT MA)			KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 8R		1	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9		1	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 12		2	KMIA	MIAMI	FL (US)
IAP	RNAV (GPS) Z RWY 8R		2	KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 12		2	KMIA	MIAMI	FL (US)
IAP	RNAV (RNP) Y RWY 8R		2	KMIA	MIAMI	FL (US)
IAP	ILS OR LOC RWY 27R			KOPF	MIAMI	FL (US)
IAP	ILS OR LOC RWY 9R	1		KTMB	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9L			KTMB	MIAMI	FL (US)
IAP	RNAV (GPS) RWY 9R			KTMB	MIAMI	FL (US)
STAR	LUUCE			KFLL	FORT LAUDERDALE	FL (US)

STAR	LUUCE	KHWO	HOLLYWOOD	FL (US)
STAR	ANNEY	KHST	HOMESTEAD	FL (US)
STAR	FOWEE	KHST	HOMESTEAD	FL (US)
STAR	LUUCE	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	X51	HOMESTEAD	FL (US)
STAR	FOWEE	X51	HOMESTEAD	FL (US)
STAR	LUUCE	X51	HOMESTEAD	FL (US)
STAR	ANNEY	07FA	KEY LARGO	FL (US)
STAR	FOWEE	07FA	KEY LARGO	FL (US)
STAR	LUUCE	07FA	KEY LARGO	FL (US)
STAR	ANNEY	KMIA	MIAMI	FL (US)
STAR	FOWEE	KMIA	MIAMI	FL (US)
STAR	LUUCE	KMIA	MIAMI	FL (US)
STAR	LUUCE	KOPF	MIAMI	FL (US)
STAR	ANNEY	KTMB	MIAMI	FL (US)
STAR	FOWEE	KTMB	MIAMI	FL (US)
STAR	LUUCE	KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

UPDATED FIX USE, REMOVED STAR GISSH, BLUFI AND ALL AIRPORT ASSOCIATIONS - CANCELLATIONS.

UPDATED FIX USE, REMOVED EONNS DP, JONZI DP, MNATE DP, POTTR DP, SKIPS DP, SOUBY DP - CANCELLATIONS.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** TOMMY BYRNS

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: WINCO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 262502.53N/0805818.54W

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	L	100.66	098.66	43.81	43.81		3000	17500
2	PAHOKEE	PHK	VOR/DME	H	214.66	214.66		26.56		3000	17500
3	LA BELLE	LBV	VORTAC	L	136.35	137.35	33.36	33.36		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RSW	VORTAC	R-086	44	2000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LEE COUNTY (FAC 1) AND PAHOKEE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V521	1, 2, 3				(US)
EN ROUTE	V97	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 32			X14	LA BELLE	FL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

1. REMOVED BSTER (RNAV) DP, HITAG (RNAV) DP, POTTR DP AND WINCO (RNAV) DP AT KMIA FROM FIX USE.
2. REMOVED FAC 3 (DOLPHIN VORTAC) AND ASSOCIATED ESV.
3. REMOVED DP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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