

RADIO FIX AND HOLDING DATA RECORD

NAME: LANCH STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 263049.33N/0800616.90W 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	PALM BEACH	PBI	VORTAC	H	188.62	185.62	10.00	10.00	2000	17500
2	PAHOKEE	PHK	VOR/DME	H	116.90	116.90		35.41	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	S	PBI	VORTAC	188.62	008.62	R	1		2000	14000	5	12
2	S		WP	189.00	009.00	R		4	2000	14000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001398)	263108.00N/0801013.00W	519	5D
2	200	TOWER (12-003492)	262602.27N/0800530.29W	459	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PALM BEACH (FAC 1) AND PAHOKEE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 OBSTACLE 12-003492 ASSIGNED 4D ACCURACY CODE PER OE/AAA STUDY 1995-ASO-520-OE.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	ENROUTE LOW CHART	1, 2				(US)
IAP	ILS OR LOC RWY 10L	1, 2	1	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 10L		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 14		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (RNP) Z RWY 10L		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (RNP) Z RWY 14		2	KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

REMOVED KPBI VOR RWY 10L AND VOR RWY 14 FROM FIX USE.
 UPDATED HOLDING PATTERN 1 MSL ELEVATION FROM 520 TO 519; UPDATED PATTERN 1 ACCURACY CODE FROM 4D TO 5D.
 UPDATED HOLDING PATTERN 2 MSL ELEVATION FROM 464 TO 459; UPDATED PATTERN 2 ACCURACY CODE FROM 4D TO 5D.

DEVELOPED BY: DATE: 07/29/2016 OFFICE: AJV-5413 NAME: MIKE MELSSEN

APPROVED BY: DATE: OFFICE: AJV-5410 NAME: MARLON ROBINSON

Digitally signed by

VICTOR B NASO

Nov 15, 2016

SIGNATURE:

DISTRIBUTION:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: MORGA STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 265736.78N/0801155.87W 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	MRA	MAA
1	PALM BEACH	PBI	VORTAC	H	343.24	340.24	17.81	17.81	2000	17500
2	PAHOKEE	PHK	VOR/DME	H	068.00	068.00		28.48	2000	17500
3	TREASURE	TRV	VORTAC	H	167.05	160.05	45.70	45.70	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TRV	VORTAC	R-167	46	3000	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	S	PBI	VORTAC	343.24	343.24	L	1		2000	10000	4	12
2	S		WP	163.00	343.00	L		4	2000	10000	4	10
3	S	TRV	VORTAC	167.05	347.05	R	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003439)	270132.00N/0801042.00W	1038	1A
1	310	TOWER (12-003439)	270132.00N/0801042.00W	1038	1A
2	200	TOWER (12-003439)	270132.00N/0801042.00W	1038	1A
3	200	TOWER (12-003439)	270132.00N/0801042.00W	1038	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC/DME RWY 9 (SPECIAL)	K06FA	JUPITER	FL (US)

REMARKS:

PALM BEACH (FAC 1) AND PAHOKEE (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PAT 1 & 2 CONTROLLING OBSTRUCTION 1841.66' INTO SECONDARY.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V3	1, 2, 3				FL (US)
IAP	ILS OR LOC/DME RWY 9 (SPECIAL)	1, 2	1	K06FA	JUPITER	FL (US)
IAP	ILS OR LOC RWY 8R	1, 2	1	KF45	WEST PALM BEACH	FL (US)
IAP	VOR RWY 8R	1, 2	1	KF45	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 10L (ALT MISS)	2, 3	3	KPBI	WEST PALM BEACH	FL (US)
IAP	ILS OR LOC RWY 28R	1, 2	1	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) RWY 8R		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 28R		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 32		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (RNP) Z RWY 28R		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (RNP) Z RWY 32		2	KPBI	WEST PALM BEACH	FL (US)
STAR	HILEY (RNAV)			KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)			KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)			K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)			KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)			KTMB	MIAMI	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 01/05/2017



REASON FOR REVISION:

ADDED KF45 RNAV (GPS) RWY 8R TO FIX USE.
CHANGED ESV DISTANCE FROM 53 TO 46.
ADDED "STAR" AND "SPECIAL IAP" TO REQUIRED CHARTING.

DEVELOPED BY: **DATE:** 07/29/2016 **OFFICE:** AJV-5413

NAME: MIKE MELSSEN

Digitally signed by

APPROVED BY: **DATE:** **OFFICE:** AJV-5410

NAME: MARLON ROBINSON

VICTOR B NASO

Nov 15, 2016

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: FTW
 ARTCC: ZMA
 ATC FACILITY: PBI APP CON
 OTHER:

QUALITY
16
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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

FIX RESTRICTIONS:

ILS OR LOC/DME RWY 9 (SPECIAL) K06FA JUPITER FL (US)

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	E	PBI	VORTAC	090.00	270.00	R	1		2000	10000	4	9
2	N	PBI	VORTAC	006.57	186.57	R	1		2000	10000	4	9
3	N	PBI	VORTAC	343.24	163.24	L	1-1 1/2		13000	45000	10	29
4	N		WP	345.19	165.19	L		10	5000	14000	15	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (12-004716)	263521.24N/0801242.76W	1314	5D
1	200	TOWER (12-027176)	264431.00N/0800729.00W	475	2C
2	200	TOWER (12-002502)	264759.72N/0800431.74W	541	1A
3	230	TOWER (12-002502)	264759.72N/0800431.74W	541	1A
4	200	TOWER (12-003439)	270131.99N/0801041.87W	1038	1A

REASON FOR NONSTANDARD HOLDING:

PAT 3 AIR TRAFFIC

PAT 4 AIR TRAFFIC

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER (PAT 3 FL300) (UNPLAN FL180) OVER W-497.

REMARKS:

PAT 1 HOLDING ATC REQUEST.

PAT 4 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	J79					(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	VOR/DME-A		2	KBCT	BOCA RATON	FL (US)
IAP	ILS OR LOC RWY 9			KFXE	FORT LAUDERDALE	FL (US)
IAP	RNAV (GPS) RWY 30			KSUA	STUART	FL (US)
IAP	ILS OR LOC RWY 8R			KF45	WEST PALM BEACH	FL (US)
IAP	VOR RWY 8R			KF45	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)

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16
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IAP	RNAV (GPS) Y RWY 14	3	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)
STAR	GOOFY		KX04	APOKA	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	3	KHST	HOMESTEAD	FL (US)
STAR	BLUFI		KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	4	KHST	HOMESTEAD	FL (US)
STAR	ANNEY	3	KX51	HOMESTEAD	FL (US)
STAR	BLUFI		KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)	4	KX51	HOMESTEAD	FL (US)
STAR	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	TUXXI		K06FA	JUPITER	FL (US)
STAR	WLACE (RNAV)		K06FA	JUPITER	FL (US)
STAR	ANNEY	3	K07FA	KEY LARGO	FL (US)
STAR	BLUFI		K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)	4	K07FA	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	3	KMIA	MIAMI	FL (US)
STAR	BLUFI		KMIA	MIAMI	FL (US)
STAR	CYPRESS		KMIA	MIAMI	FL (US)
STAR	HILEY (RNAV)	4	KMIA	MIAMI	FL (US)
STAR	BLUFI		KOPF	MIAMI	FL (US)
STAR	ANNEY	3	KTMB	MIAMI	FL (US)
STAR	BLUFI		KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)	4	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	POMPANO BEACH	FL (US)
STAR	WLACE (RNAV)		KSUA	STUART	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	TUXXI		KLNA	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)		KLNA	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)
STAR	WLACE (RNAV)		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

UPDATED HOLDING PATTERN 1 CONTROLLING OBSTACLE FROM 457 MSL TOWER 12-002718, AC 5D TO 475 MSL TOWER 12-027176, AC 2C.

UPDATED KFXE ILS OR LOC RWY 8 TO ILS OR LOC RWY 9 IN FIX USE.

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

REMOVED KLNA VOR OR GPS RWY 15 FROM FIX USE.

ADDED "ASSIGNED FACILITY MAG VAR: 3 DEGREES WEST" TO REMARKS.

ADDED WLACE (RNAV) STAR FOR KLNA, KF45, K06FA AND KSUA IN FIX USE.

ADDED TUXXI STAR FOR K06FA AND KLNA IN FIX USE.

DEVELOPED BY: **DATE:** 07/29/2016

OFFICE: AJV-5413

NAME: MIKE MELSSEN

Digitally signed by

APPROVED BY: **DATE:**

OFFICE: AJV-5410

NAME: MARLON ROBINSON

VICTOR B NASO

Nov 15, 2016

SIGNATURE:

DISTRIBUTION:

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FPO: EST

ARTCC: ZMA

ATC FACILITY: PBI APP CON/ATCT, MIA APP CON

OTHER: MCO ATCT, MCO APP CON

QUALITY
16
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RADIO FIX AND HOLDING DATA RECORD

NAME: PASTE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 264102.79N/0800744.29W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	WEST PALM BEACH	I-PBI	LOC/DME		278.77	272.77	2.92	2.92		400	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ACTUAL DME COORDINATES: 264051.43N/0800429.01W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10L	1		KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/05/2017

REASON FOR REVISION:

CHANGED FACILITY FROM I-PBI LOC TO I-PBI LOC/DME.
ADDED "ACTUAL DME COORDINATES: 264051.43N/0800429.01W" TO REMARKS.
REMOVED FAC 2 FROM ILS OR LOC RWY 10L IN FIX USE.
DELETED PALM BEACH (PBI) VORTAC FROM FIX MAKE-UP.
UPDATED WEST PALM BEACH (I-PBI) LOC TRUE BRG FROM 272.68 TO 272.77 IN FIX MAKE-UP - MODIFIED FAC 1 TO MATCH AIRNAV DATA FOR TRUE BRG.
ADDED 2.92 DME TO I-PBI IN FIX MAKE-UP.
DELETED KPBI R10L DISPLACED THRESHOLD COORDINATES: 264058.98N/0800616.92W FROM REMARKS.

DEVELOPED BY:

DATE: 07/29/2016

OFFICE: AJV-5413

NAME: MIKE MELSEN

APPROVED BY:

DATE:

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

VICTOR B NASO

Nov 15, 2016

DISTRIBUTION:

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ARTCC: ZMA
ATC FACILITY: PBI ATCT
OTHER:

QUALITY
16
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RADIO FIX AND HOLDING DATA RECORD

NAME: WILBA **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 264136.38N/0802051.47W **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 NM	FAC FEET	MRA	MAA
1	WEST PALM BEACH	I-PBI	LOC/DME		278.77	272.77	14.69	14.68		3000	4500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	I-PBI	LOC	278.77	098.77	L	1		3000	4500	4	5
2	W		WP	278.67	098.67	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-004224)	264103.00N/0802322.00W	435	1C
2	200	TOWER (12-004224)	264103.00N/0802322.00W	435	1C

REASON FOR NONSTANDARD HOLDING:

PAT 2 OBSTRUCTIONS
 PAT 1 OBSTRUCTIONS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ACTUAL DME COORDINATES: 264051.43N/0800429.01W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10L	1	1	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (GPS) Y RWY 10L		2	KPBI	WEST PALM BEACH	FL (US)
IAP	RNAV (RNP) Z RWY 10L			KPBI	WEST PALM BEACH	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 01/05/2017

REASON FOR REVISION:

CHANGED FACILITY FROM I-PBI LOC TO I-PBI LOC/DME.
 REMOVED PALM BEACH (PBI) VORTAC FROM FIX MAKE-UP.
 REMOVED PATTERN 2 FROM FACILITY FOR KPBI ILS OR LOC RWY 10L IN FIX USE.
 UPDATED WEST PALM BEACH (I-PBI) TRUE BRG FROM 272.68 TO 272.77 IN FIX MAKE-UP - MODIFIED FAC 1 TO MATCH AIRNAV DATA FOR TRUE BRG.
 UPDATED DIST FROM FAC NM FROM 14.68 TO 14.69 IN FIX MAKE-UP.
 UPDATED HOLDING PATTERN 1/2 CONTROLLING OBSTRUCTION ELEVATION FROM 436 TO 435.
 ADDED "ACTUAL DME COORDINATES: 264051.43N/0800429.01W" TO REMARKS.
 DELETED KPBI R10L DISPLACED THRESHOLD COORDINATES: 264058.98N/0800616.92W FROM FIX USE.
 CHANGED HOLDING PATTERN 1 INBOUND COURSE FROM 098.78 TO 098.77.

DEVELOPED BY: **DATE:** 07/29/2016 **OFFICE:** AJV-5413 **NAME:** MIKE MELSSSEN

APPROVED BY: **DATE:** **OFFICE:** AJV-5410 **NAME:** MARLON ROBINSON

SIGNATURE:

Digitally signed by
VICTOR B NASO
 Nov 15, 2016

DISTRIBUTION:

NFDC
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 ARTCC: ZMA
 ATC FACILITY: PBI ATCT
 OTHER: MIA APP CON



