

# RADIO FIX AND HOLDING DATA RECORD

NAME: FIFMU

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281041.41N/0805232.87W

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) RWY 9L  
RNAV (GPS) RWY 9R

FAC

PAT

AIRPORT IDENT  
KMLB  
KMLB

CITY  
MELBOURNE  
MELBOURNE

STATE  
FL (US)  
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/20/2012

**REASON FOR REVISION:**

FIX MOVED 2603.60 FT/.43 NM W.  
REMOVED FAC 1 DATA.  
FIX USE UPDATED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/03/2012

OFFICE: AJV-352

NAME: MICHAEL DOJCAK

APPROVED BY:

DATE: 09/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: EST  
ARTCC: ZJX  
ATC FACILITY: MLB TOWER  
OTHER: ORL APP CON

# RADIO FIX AND HOLDING DATA RECORD

NAME: NAJBE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 280028.20N/0805158.81W

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) RWY 9L

RNAV (GPS) RWY 9R

FAC

PAT

AIRPORT IDENT

KMLB

KMLB

CITY

MELBOURNE

MELBOURNE

STATE

FL (US)

FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

FIX MOVED 3030.17 FT/.50 NM W.

REMOVED FAC 1 DATA.

FIX USE UPDATED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/01/2012

OFFICE: AJV-352

NAME: MICHAEL DOJCAK

APPROVED BY:

DATE: 09/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY: MLB TOWER

OTHER: ORL APP CON

# RADIO FIX AND HOLDING DATA RECORD

NAME: PRESK

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 282010.33N/0810816.22W

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	FEET	MRA	MAA
1	ORLANDO	ORL	VORTAC	H	139.79	139.79	16.17	16.17		2000	17500
2	LAKELAND	LAL	VORTAC	H	064.53	065.53		50.96		2500	17500
3	MELBOURNE	MLB	VOR/DME	VL	304.54	297.54	30.01	30.00		2100	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LAL	VORTAC	R-065	51	2500	14500

## FIX RESTRICTIONS:

MRA V537 2500  
MRA V159 2500

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	ORL	VORTAC	139.79	319.79	R	1		3000	17500	6	18
2	SE	MLB	VOR/DME	304.54	304.54	R	1		3000	6000	6	7
3	SE		WP	139.79	319.79	R		4	3000	17500	5	17

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C
1	310	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C
2	200	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C
2	310	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C
3	200	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C
3	310	TOWER (12-004140)	281645.00N/0810124.00W	1949	2C

## 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 17L	KMCO	ORLANDO	FL (US)
1	ILS RWY 35R (CAT II-III)	KMCO	ORLANDO	FL (US)
1	ILS RWY 17L (SA CAT I)	KMCO	ORLANDO	FL (US)
1	ILS OR LOC RWY 35R	KMCO	ORLANDO	FL (US)
1	ILS RWY 17L (CAT II-III)	KMCO	ORLANDO	FL (US)
1	ILS RWY 35R (SA CAT I)	KMCO	ORLANDO	FL (US)
2	ILS OR LOC RWY 17R	KMCO	ORLANDO	FL (US)
2	ILS RWY 17L (CAT II-III) (ALT MA)	KMCO	ORLANDO	FL (US)
2	ILS OR LOC RWY 17L (ALT MA)	KMCO	ORLANDO	FL (US)
2	ILS OR LOC RWY 17R (ALT MA)	KMCO	ORLANDO	FL (US)
2	ILS RWY 17L (SA CAT I) (ALT MA)	KMCO	ORLANDO	FL (US)
2	ILS RWY 17R (CAT II) (ALT MA)	KMCO	ORLANDO	FL (US)
3	RNAV (GPS) RWY 17L	KMCO	ORLANDO	FL (US)
3	RNAV (GPS) RWY 35R	KMCO	ORLANDO	FL (US)

## REMARKS:

ORLANDO (FAC 1) AND LAKELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V 537	2, 3				(US)
EN ROUTE	V159	1, 2				FL (US)
IAP	RNAV (GPS) RWY 09L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 09R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 33			KISM	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17L	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17L (ALT MA)	2, 3	2	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17R	2, 3	2	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17R (ALT MA)	2, 3	2	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (CAT II-III)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (CAT II-III) (ALT MA)	2, 3	2	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (SA CAT I)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L (SA CAT I) (ALT MA)	2, 3	2	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17R (CAT II) (ALT MA)	2, 3	2	KMCO	ORLANDO	FL (US)

IAP	ILS RWY 35R (CAT II-III)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (SA CAT I)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 17L		3	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 35R		3	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 9			KTIX	TITUSVILLE	FL (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 21

**DATE OF REVISION:** 12/29/2022

**REASON FOR REVISION:**

1. FIX AMENDED TO BRING I-DIZ OUT OF HISTORY STATUS.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

**NAME:** APRIL SARMENTO

**APPROVED BY:**

**DATE:** 12/29/2022

**OFFICE:** AJV-A430

**NAME:** JOHNNIE BAKER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SUZEN

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281431.92N/0805854.40W

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) RWY 09L

RNAV (GPS) RWY 09R

FAC

PAT

AIRPORT IDENT

KMLB

KMLB

CITY

MELBOURNE

MELBOURNE

STATE

FL (US)

FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

FIX MOVED 5364.85 FT/.88 NM SE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/04/2012

OFFICE: AJV-352

NAME: MICHAEL DOJCAK

APPROVED BY:

DATE: 09/20/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY: MLB TOWER

OTHER: ORL APP CON

# RADIO FIX AND HOLDING DATA RECORD

NAME: TREASURE VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 274042.26N/0802923.04W

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	TREASURE	TRV	VORTAC	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	N	TRV	VORTAC	347.04	167.04	L	1		10000	24000	9	19
2	N	TRV	VORTAC	348.00	168.00	R	1		2000	24000	4	19
3	NW	TRV	VORTAC	336.95	156.95	R	1		2000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-002803)	274408.00N/0802726.00W	523	5D
2	200	TOWER (12-002803)	274408.00N/0802726.00W	523	5D
3	200	TOWER (12-002803)	274408.00N/0802726.00W	523	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID ADJACENT AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-497B.  
PAT 2 HOLDING FOR ATC USE (NOT CHARTED)  
ASSIGNED FACILITY MAGVAR: 7W (2015).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	BR62V					(US)
EN ROUTE	V159					(US)
EN ROUTE	V225					(US)
EN ROUTE	V295					(US)
EN ROUTE	V3					(US)
EN ROUTE	V51					(US)
EN ROUTE	V537					(US)
IAP	ILS OR LOC RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 10R			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 28L			KFPR	FORT PIERCE	FL (US)
IAP	RNAV (GPS) RWY 14			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 23			KOBE	OKEECHOBEE	FL (US)
IAP	ILS OR LOC RWY 9R			F45	WEST PALM BEACH	FL (US)
STAR	GOOFY			X04	APOPKA	FL (US)
STAR	BLUFI			KFLL	FORT LAUDERDALE	FL (US)
STAR	SHFTY (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	TYNEE (RNAV)			KFMY	FORT MYERS	FL (US)
STAR	ANNEY		1	KHST	HOMESTEAD	FL (US)
STAR	ANNEY		1	X51	HOMESTEAD	FL (US)
STAR	ANNEY		1	07FA	KEY LARGO	FL (US)
STAR	GOOFY			KLEE	LEESBURG	FL (US)
STAR	GOOFY			KCOI	MERRITT ISLAND	FL (US)
STAR	ANNEY		1	KMIA	MIAMI	FL (US)
STAR	ANNEY		1	KTMB	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	GOOFY			KTIX	TITUSVILLE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

DELETED KVRB: VOR RWY 12R, VOR RWY 30L FROM FIX USE.

DELETED KFPR: VOR/DME RWY 14 FROM FIX USE.

DELETED MELBOURNE DP FROM FIX USE.

DELETED "DP" FROM REQUIRED CHARTING.

DELETED KMLB - ILS OR LOC RWY 09R, LOC BC RWY 27L, RNAV (GPS) RWY 09L, RNAV (GPS) RWY 09R, RNAV (GPS) RWY 27L, RNAV (GPS) RWY 27R FROM FIX USE.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A432                      **NAME:** THERON CYRUS

**APPROVED BY:**                      **DATE:** 12/26/2024                      **OFFICE:** AJV-A432                      **NAME:** CASIMIR TABAKA

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: WIXED

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 274124.86N/0802956.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LIFRR (RNAV)			KFLL	FORT LAUDERDALE	FL (US)
DP	LIFRR (RNAV)			KFXE	FORT LAUDERDALE	FL (US)
DP	LIFRR (RNAV)			KHST	HOMESTEAD	FL (US)
DP	LIFRR (RNAV)			X51	HOMESTEAD	FL (US)
DP	LIFRR (RNAV)			KMIA	MIAMI	FL (US)
DP	LIFRR (RNAV)			KOPF	MIAMI	FL (US)
DP	LIFRR (RNAV)			KTMB	MIAMI	FL (US)
DP	LIFRR (RNAV)			KPMP	POMPANO BEACH	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	T208					(US)
IAP	RNAV (GPS) RWY 27L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 27R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 9L			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 9R			KMLB	MELBOURNE	FL (US)
IAP	RNAV (GPS) RWY 14			KOBE	OKEECHOBEE	FL (US)
IAP	RNAV (GPS) RWY 23			KOBE	OKEECHOBEE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. ADDED IAP RNAV (GPS) RWY 14 AND RNAV (GPS) RWY 23 AT KOBE IN FIX USE.
2. ADDED IAP RNAV (GPS) RWY 9L, RNAV (GPS) RWY 9R, RNAV (GPS) RWY 27L, AND RNAV (GPS) RWY 27R AT KMLB IN FIX USE.
3. ADDED "IAP" IN REQUIRED CHARTING.
4. DELETED T336 IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: