

RADIO FIX AND HOLDING DATA RECORD

NAME: GACNO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 284020.39N/0805931.44W

TYPE: WP, RADAR

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP
IAP
IAP

ILS OR LOC RWY 27R
RNAV (GPS) RWY 27L
RNAV (GPS) RWY 27R

KSFB
KSFB
KSFB

ORLANDO
ORLANDO
ORLANDO

FL (US)
FL (US)
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/30/2013

REASON FOR REVISION:

1. UPDATED FIX USE.
2. ADDED RADAR TO FIX TYPE.

DEVELOPED BY:

DATE: 11/07/2012

OFFICE: AJV-352

NAME: DONALD SMITH (JOHN LINDSEY)

APPROVED BY:

DATE: 04/16/2013

OFFICE: AJV-352

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PESIY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 284654.56N/0811153.19W

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	ORLANDO	I-FNU	LOC/DME		094.90	089.90	3.25	3.24		380	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-FNU DME COORDINATES: 284651.00N/0811534.79W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1		KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

LAT/LONG: UPDATED FROM 284654.58N/0811142.21W TO 284654.56N/0811153.19W MOVED WEST 977.07 FT.

FIX TYPE: REMOVED "WP"

FIX MAKE-UP: UPDATED DME DIST FROM 3.41 TO 3.25 AND DIST FROM FAC NM FROM 3.40 TO 3.24.

UPDATED FAC 1 FROM HISTORY TO ACTIVE STATUS.

ADDED REMARK "I-FNU DME COORDINATES: 284651.00N/0811534.79W."

FIX USE:DELETED KSFB - RNAV (GPS) RWY 27R.

DEVELOPED BY:

DATE: 02/24/2017

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY: MCO APP CON, SFB ATCT

OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SMYRA STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 290019.48N/0805934.51W 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	ORMOND BEACH	OMN	VORTAC	H	160.53	160.53	18.90	18.90	1600	17500
2	ORLANDO	ORL	VORTAC	H	033.00	033.00	33.05	33.05	1600	17500

FIX RESTRICTIONS:

SPECIAL RNAV (GPS) RWY 5, K7FL6, DAYTONA BEACH, FL

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	OMN	VORTAC	160.53	340.53	L	1	1600	14000
2	S		WP	160.53	340.53	L	4	2000	14000
3	SW	ORL	VORTAC	033.00	033.00	R	1	2000	6000

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002514)	290033.00N/0805826.00W	375	5D
1	310	TOWER (12-026803)	285110.28N/0810402.56W	517	2C
2	200	TOWER (12-002514)	290033.00N/0805826.00W	375	5D
3	200	TOWER (12-026803)	285110.28N/0810402.56W	517	2C

REASON FOR NONSTANDARD HOLDING:

PAT 2 AVOID W-158
 PAT 1 AVOID W-158

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 25R	KDAB	DAYTONA BEACH	FL (US)

REMARKS:

ORMOND BEACH (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2935 (11,000 FT AND ABOVE).
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V3-V533.	1, 2				(US)
IAP	RNAV (GPS) RWY 5		2	K7FL6	DAYTONA BEACH	FL (US)
IAP	ILS OR LOC RWY 25R	1	1	KDAB	DAYTONA BEACH	FL (US)
IAP	ILS OR LOC RWY 7L	1, 2	3	KDAB	DAYTONA BEACH	FL (US)
IAP	VOR RWY 16	1, 2	1	KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 30			KDED	DELAND	FL (US)
IAP	RNAV (GPS) RWY 18			KX50	NEW SMYRNA BEACH	FL (US)
IAP	RNAV (GPS) RWY 36			KX50	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 27R			KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9L	1, 2	3	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 18			KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27L			KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R			KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 04/30/2015

REASON FOR REVISION:

UPDATED FIX USE.

DEVELOPED BY: DATE: 08/06/2014 OFFICE: AJV-352 NAME: DANA MITCHELL

APPROVED BY: DATE: 02/18/2015 OFFICE: AJV-352 NAME: SUE CRUMB

QUALITY
10
CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON
OTHER: MCO APP CON

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UGMAH STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 284652.26N/0812716.02W TYPE: WP, RADAR, 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	ORLANDO	I-SND	LOC/DME		274.87	269.87	12.49	12.49	2000	4500
2	ORLANDO	ORL	VORTAC	H	336.20	336.20		15.60	2000	4500

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	W		WP	274.78	094.78	L		4	2000	6000	4	6
2	W	I-SND	LOC/DME	274.87	094.87	L	1		2000	4500	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003209)	284620.24N/0813734.62W	416	1A
2	200	TOWER (12-003209)	284620.24N/0813734.62W	416	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 SND DME COORDINATES: 284651.64N/0811303.19W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9L	1, 2	2	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R		1	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 9L		1	KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 05/30/2013

REASON FOR REVISION:

- MOVED FIX 23.23 FT NORTH AND UPDATED COORDINATES.
- UPDATED FIX USE.
- CHANGED FAC 1 TYPE FROM LOC TO LOC/DME.
- CHANGED FAC 1 DIST FROM FAC FROM 12.15 TO 12.49.
- ADDED DME DISTANDE TO FAC 1.
- ADDED DME TO FIX TYPE.
- ADDED HOLD PATTERN 2.
- CHANGED HOLDING RESTRICTION WORDING FROM "PATTERN" TO READ "PATTERNS".
- ADDED SND DME COORDINATES: 284651.64N/0811303.19W REMARK.

DEVELOPED BY: DATE: 11/08/2012 OFFICE: AJV-352 NAME: DONALD SMITH (JOHN LINDSEY)
 APPROVED BY: DATE: 04/16/2013 OFFICE: AJV-352 NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZJX
 ATC FACILITY: MCO APP CON
 OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UTIMY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 284654.83N/0810753.04W

TYPE: WP, RADAR, 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	FAC FEET	MRA	MAA
1	ORLANDO	I-FNU	LOC/DME		094.90	089.90	6.76	6.76	41091	1600	4500
2	ORLANDO	ORL	VORTAC	H	036.85	036.85		17.90		1600	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
I-FNU DME COORDINATES: 284651.00N/0811534.79W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1, 2		KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R			KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/22/2017

REASON FOR REVISION:

LAT/LONG: UPDATED FROM 284654.83N/0810750.94W TO 284654.83N/0810753.04W, MOVED EAST 187FT.
FIX MAKE-UP: UPDATED FAC 1 DIST FROM FAC FEET FROM 41257 TO 41091; UPDATED FACT 2 MAG/TRUE FROM 36.93/36.93 TO 36.85/36.85
AND DIST FROM FAC NM FROM 17.97 TO 17.90.
REMARKS: DELETED "8260.54A FORMULA 2-16B USED TO DETERMINE FIX COORDINATES."

DEVELOPED BY: DATE: 02/17/2017 OFFICE: AJV-5433 NAME: BEV L BORDY (JACOB MAXFIELD)

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER: KSFB ATCT

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 284655.04N/0810031.89W **TYPE:** WP, RADAR, 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	ORLANDO	I-FNU	LOC/DME		094.90	089.90	13.22	13.22	1600	4500
2	ORLANDO	ORL	VORTAC	H	050.18	050.18		22.39	1600	4500
3	ORMOND BEACH	OMN	VORTAC	H	170.05	170.05		31.67	1600	4500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN DME	MAX	TEMPLATES MIN	MAX
1	E		WP	095.00	275.00	R		1600	6000	4	6
2	E	I-FNU	LOC/DME	094.90	274.90	R	1	1600	4500	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002595)	285052.70N/0805149.50W	509	5D
2	200	TOWER (12-002595)	285052.70N/0805149.50W	509	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PRIOR COORDINATION REQUIRED WITH MCO APPROACH CONTROL FOR HOLDING OVER R-2934.
 I-FNU DME COORDINATES: 284651.00N/0811534.79W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1, 2, 3	2	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R		1	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 9L		1	KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 06/22/2017

REASON FOR REVISION:

FIX MAKE-UP: UPDATED FAC 1, 2 AND 3 MRA FROM 3000 TO 1600.
 HOLDING: UPDATED PAT 2 MIN/MAX ALTITUDES FROM 3000/6000 TO 1600/4500 AND MIN TEMPLATE FROM 6 TO 5.
 REMARKS: ADDED "I-FNU DME COORDINATES: 284651.00N/0811534.79W."

DEVELOPED BY: **DATE:** 03/23/2017 **OFFICE:** AJV-5433 **NAME:** BEV L BORDY (JACOB MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZJX
 ATC FACILITY: MCO APP CON
 OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VOFOS

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 285203.04N/0805953.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

ILS OR LOC RWY 27R

KSFB

ORLANDO

FL (US)

IAP

RNAV (GPS) RWY 27L

KSFB

ORLANDO

FL (US)

IAP

RNAV (GPS) RWY 27R

KSFB

ORLANDO

FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/20/2012

REASON FOR REVISION:

FIX MOVED 0.91NM EAST.

DELETED FAC 1.

UPDATED FIX USE.

DEVELOPED BY:

DATE: 02/02/2012

OFFICE: AJV-352

NAME: KELLY DEAN

APPROVED BY:

DATE: 08/14/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZJX

ATC FACILITY: MCO APP CON

OTHER:

QUALITY
10
CHECKED