

RADIO FIX AND HOLDING DATA RECORD

NAME: ASTOR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 294755.30N/0811806.11W

TYPE: WP, 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	ORMOND BEACH	OMN	VORTAC	H	341.60	341.60	31.26	31.26		2000	17500

FIX RESTRICTIONS:

MRA V51 3000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V51	1				(US)
IAP	RNAV (GPS) RWY 11			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 29			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6			KFIN	PALM COAST	FL (US)
IAP	RNAV(GPS) RWY 24			KFIN	PALM COAST	FL (US)
IAP	VOR RWY 13	1		KSGJ	ST AUGUSTINE	FL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

1. DELETED EXPANDED SERVICE VOLUME FOR GNV VORTAC DUE TO DECOMMISSIONING.
2. DELETED FAC #2 GNV VORTAC DUE TO DECOMMISSIONING.
3. CHANGE FIX USE EN ROUTE V51 FROM "FAC 1, 2" TO "FAC 1".
4. DELETED "INT" FROM TYPE.

DEVELOPED BY:

DATE: 03/02/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BARBS STATE: FL COUNTRY: US ICAO REGION CODE: K7
 LATITUDE/LONGITUDE: 291826.84N/0812431.52W 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	ORLANDO	ORL	VORTAC	H	355.17	355.17	45.93	45.93	3000	45000
2	ORMOND BEACH	OMN	VORTAC	H	271.00	271.00		15.53	3000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ORL	VORTAC	R-355	46	3000	14700

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	N	ORL	VORTAC	355.17	175.17	L	1		3000	11000	6	11
2	N		WP	355.00	175.00	L		5	3000	6000	6	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002467)	291711.00N/0812936.00W	1049	5D
2	200	TOWER (12-002467)	291711.00N/0812936.00W	1049	5D

REASON FOR NONSTANDARD HOLDING:

PAT 2 AVOID R-2907A
 PAT 1 AVOID R-2907A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

HOLDING PAT 1 ATC USE.
 HOLDING CONTROLLING OBSTACLE 5016 FEET INTO SECONDARY AREA.
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.
 FAC (1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYES	1, 2		KDAB	DAYTONA BEACH	FL (US)
EN ROUTE	J53	1, 2				(US)
EN ROUTE	V267	1, 2				(US)
IAP	RNAV (GPS) RWY 16			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 34			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 12			KDED	DELAND	FL (US)
IAP	RNAV (GPS) RWY 30		2	KDED	DELAND	FL (US)
IAP	RNAV (GPS) RWY 5		2	KDED	DELAND	FL (US)
IAP	RNAV (GPS) RWY 11			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 24			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 29			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6			KFIN	PALM COAST	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

CHANGED AIRPORT IDENT FOR IAP RNAV (GPS) RWY 11, 24, 29, AND 6 FROM "KXFL" TO "KFIN".

DEVELOPED BY: DATE: 03/02/2018 OFFICE: AJV-5433 NAME: JAMES LAFFERTY
 APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN
 SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: GACDE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 293422.41N/0810155.64W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE		WP	060.59	240.59	R	4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	294230.00N/0805430.00W	200	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-136F
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 24		1	KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6		1	KFIN	PALM COAST	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

1. CHANGED REMARK FROM "PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W158A" TO "PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W-136F."
2. CHANGED HOLDING PATTERN OBSTACLE COORDINATES FROM "293411.61N/0810213.03W" TO "294230.00N/0805430.00W".

DEVELOPED BY:

DATE: 03/12/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON, FIN ATCT
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JABKU

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 292450.69N/0811712.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT
KFIN

CITY
PALM COAST

STATE
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

MOVED FIX LOCATION FROM "292453.410N/0811708.550W" TO "292450.689N/0811712.900W" 473 FEET SOUTHWEST.

DEVELOPED BY:

DATE: 03/02/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON, FIN ATCT
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KABEC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 292122.88N/0812244.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	240.43	060.43	R	4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002467)	291711.00N/0812936.00W	1049	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2907A/A-293
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 24		1	KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6		1	KFIN	PALM COAST	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/19/2018

REASON FOR REVISION:

CHANGED REMARK FROM "PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R2907A" TO "PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2907A/A-293".

DEVELOPED BY:

DATE: 03/12/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON, FIN ATCT
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KRUZE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 292628.81N/0811435.86W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 6

FAC

PAT

AIRPORT IDENT
KFIN

CITY
PALM COAST

STATE
FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/19/2018

DEVELOPED BY:

DATE: 03/13/2018

OFFICE: AJV-5433

NAME: JAMES LAFFERTY

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DAB APP CON, FIN ATCT
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 293226.01N/0812552.86W **TYPE:** 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	FAC FEET	MRA	MAA
1	CRAIG	CRG	VORTAC	H	178.08	175.08	47.96	47.96		3000	17500
2	OCALA	OCF	VORTAC	L	062.27	062.27		47.01		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CRG	VORTAC	R-178	48	3000	14500
OCF	VORTAC	R-062	48	3000	17500

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	N	CRG	VORTAC	178.08	178.08	L	1	3000 10000	6 11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001780)	293109.00N/0811901.00W	1249	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 RESTRICTED AREA R-2907A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYES	1, 2		KDAB	DAYTONA BEACH	FL (US)
EN ROUTE	V267	1, 2				(US)
IAP	RNAV (GPS) RWY 24			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 29			KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 6			KFIN	PALM COAST	FL (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 07/19/2018

REASON FOR REVISION:

CHANGED AIRPORT IDENT FOR IAP'S RNAV (GPS) RWY 24, 29, AND 6 FROM :KXFL" TO "KFIN".

DEVELOPED BY: **DATE:** 03/12/2018 **OFFICE:** AJV-5433 **NAME:** JAMES LAFFERTY

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

SIGNATURE:

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

QUALITY
10
CHECKED