

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 FAC NM	FAC FEET	MRA	MAA
1	ORMOND BEACH	OMN	VORTAC	H	341.60	341.60	31.26	31.26		2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

REMOVED RESTRICTION MRA V51 3000.

REMOVED REMARKS ORMOND BEACH (FAC 1) USED TO ESTABLISH FIX COORDINATES.

4/24/23. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 4/14/23.

1. REMOVED SECTIONAL FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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: 19-ASO-7

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	ORLANDO	ORL	VORTAC	H	355.17	355.17	45.93	45.93		3000	17500
2	ORMOND BEACH	OMN	VORTAC	H	271.00	271.00		15.53		3000	17500

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

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ORLANDO (FAC 1) USED TO ESTABLISH FIX COORDINATES.
HOLDING PAT 1 ATC USE.
HOLDING CONTROLLING OBSTACLE 5016 FEET INTO SECONDARY AREA.
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 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, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 19-ASO-7.
FIX MAKE-UP FACILITIES; CHANGED FAC 1 AND FAC 2 MAA FROM 45000 TO 17500 - NO HIGH STRUCTURE USAGE.
FIX USE; REMOVED J53.
REQUIRED CHARTING; REMOVED EN ROUTE HIGH. ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: LABIY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 292940.94N/0811845.40W

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 11

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 FROM "292945.300N/08118460480W" TO "292940.936N/0811845.404W" 451 FEET SOUTHEAST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2018

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 TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MEGPE STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 293117.60N/0812522.91W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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	W		WP	291.51	111.51	L	4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001780)	293109.00N/0811901.00W	1248	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO REDUCE SPECIAL USE AIRSPACE OVERLAP

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 11		1	KFIN	PALM COAST	FL (US)
IAP	RNAV (GPS) RWY 29		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. MOVED FIX FROM "293122.060N/0812524.430W" TO "293117.604N/0812522.909W" 470 FEET SOUTHEAST.
2. CHANGED OBSTACLE ELEVATION FROM "1249" TO "1248".

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 03/06/2018 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 TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ORMOND BEACH VORTAC STATE: FL COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 291811.70N/0810645.71W 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	ORMOND BEACH	OMN	VORTAC	VH						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	N	OMN	VORTAC	356.00	176.00	L	1	6000 45000	7 29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003334)	291411.52N/0810421.49W	380	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: E0 EPOCH YR: 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ROYES			KDAB	DAYTONA BEACH	FL (US)
DP	EXBOX (RNAV)			KJAX	JACKSONVILLE	FL (US)
DP	SAWGY			KJAX	JACKSONVILLE	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
EN ROUTE	V152					(US)
EN ROUTE	V3					(US)
EN ROUTE	V437					(US)
EN ROUTE	V51					(US)
EN ROUTE	V533					(US)
EN ROUTE	Y585					(US)
IAP	ILS OR LOC RWY 25R			KDAB	DAYTONA BEACH	FL (US)
IAP	ILS OR LOC RWY 7L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 16			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 7L			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 7R			KDAB	DAYTONA BEACH	FL (US)
IAP	RNAV (GPS) RWY 23			KDED	DELAND	FL (US)
IAP	RNAV (GPS) RWY 25			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	RNAV (GPS) RWY 29			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 35L			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT II & III)			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (SA CAT I)			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (CAT II & III)			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R (SA CAT I)			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 27R			KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9L			KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9R			KSFB	ORLANDO	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)
IAP	ILS OR LOC RWY 31			KSGJ	ST AUGUSTINE	FL (US)
STAR	BITHO		1	KCOF	COCOA BEACH	FL (US)
STAR	BITHO		1	KXMR	COCOA BEACH	FL (US)
STAR	ANNEY			KHST	HOMESTEAD	FL (US)
STAR	ANNEY			X51	HOMESTEAD	FL (US)
STAR	POGIE			KCRG	JACKSONVILLE	FL (US)
STAR	POGIE			KJAX	JACKSONVILLE	FL (US)
STAR	POGIE			KNIP	JACKSONVILLE	FL (US)
STAR	POGIE			KVQQ	JACKSONVILLE	FL (US)
STAR	ANNEY			07FA	KEY LARGO	FL (US)
STAR	POGIE			KNRB	MAYPORT	FL (US)
STAR	BITHO		1	KMLB	MELBOURNE	FL (US)
STAR	BITHO		1	KCOI	MERRITT ISLAND	FL (US)

STAR	ANNEY		KMIA	MIAMI	FL (US)
STAR	ANNEY		KTMB	MIAMI	FL (US)
STAR	BITHO	1	KISM	ORLANDO	FL (US)
STAR	LEESE		KISM	ORLANDO	FL (US)
STAR	BITHO	1	KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	LEESE		KORL	ORLANDO	FL (US)
STAR	BITHO	1	KTIX	TITUSVILLE	FL (US)
STAR	BITHO	1	KTTS	TITUSVILLE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 31

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

KDAB: RNAV (GPS) RWY 25L REMOVED FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: HOWARD HAWKINS

APPROVED BY:

DATE: 11/17/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PHINX

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 292845.53N/0811458.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

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

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2018

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 TOWER
OTHER: