

RADIO FIX AND HOLDING DATA RECORD

NAME: BEENO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 303821.69N/0810909.40W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

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	358.52	358.52	80.00			18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J79-103					

REQUIRED CHARTING: CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/10/2003

REASON FOR REVISION:

SAV VORTAC RELOCATION. SAV VORTAC (FAC 2 DELETED)
FIX MOVES 3.52 NM TO LOCATE THE FIX ON THE REALIGNED J79-103.

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 04/02/2002 OFFICE: AVN-110 NAME:

APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZJX
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MILIE

STATE: GA

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 311943.04N/0811025.39W

TYPE: WP

AIRSPACE DOCKET: 19-ASO-7

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP
DP

USE TITLE
LGRHD (RNAV)
KIAWAH (RNAV)

FAC PAT

AIRPORT IDENT
KCHS
KJZI

CITY
CHARLESTON
CHARLESTON

STATE
SC (US)
SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

TYPE; REMOVED DME - FIX HAS NO CONVENTIONAL NAVAID USAGE.

AIRSPACE DOCKET; ADDED 19-ASO-7.

FIX MAKE-UP FACILITIES; REMOVED FAC 1 (CHS), FAC 2 (SAV) AND FAC 3 (CRG).

FIX USE; REMOVED J79, J103, J121 AND J174.

REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW/HIGH AND RETAINED EN ROUTE HIGH - FPT REQUEST.

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:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ORMOND BEACH VORTAC

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 291811.71N/0810645.71W

TYPE:

AIRSPACE DOCKET: 19-ASO-7

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 FEET	MAA
1	ORMOND BEACH	OMN	VORTAC	H						45000

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	NW	OMN	VORTAC	336.00	156.00	L	1		1600	6000	4	5
2	N	OMN	VORTAC	342.00	162.00	R	1		1600	6000	4	5
3	N	OMN	VORTAC	356.00	176.00	L	1		6000	45000	7	29
4	N		WP	002.00	182.00	L		7	12000	18000	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001485)	291507.00N/0810252.00W	377	3C
2	200	TOWER (12-000700)	291630.00N/0810425.00W	360	3C
3	230	TOWER (12-003334)	291411.52N/0810421.49W	381	2C
4	230	TOWER (12-003334)	291411.52N/0810421.49W	381	2C

REASON FOR NONSTANDARD HOLDING:

PAT 3 ATC REQUEST
PAT 1 ZJX REQUEST
PAT 4 ATC REQUESTED

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER W158A.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
KMCO 6W MAG VAR USED FOR PAT 4.
ASSIGNED FACILITY MAGVAR: 0E (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LAMMA			KDAB	DAYTONA BEACH	FL (US)
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	T207					(US)
EN ROUTE	T208					(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 25L			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)			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)
IAP	VOR RWY 13		KSGJ	ST AUGUSTINE	FL (US)
STAR	CAYSL (RNAV)		KBCT	BOCA RATON	FL (US)
STAR	TUXXI		KBCT	BOCA RATON	FL (US)
STAR	BITHO	3	KCOF	COCOA BEACH	FL (US)
STAR	BITHO	3	KXMR	COCOA BEACH	FL (US)
STAR	FISEL (RNAV)		KFLL	FORT LAUDERDALE	FL (US)
STAR	GISSH		KFLL	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)		KFXE	FORT LAUDERDALE	FL (US)
STAR	GISSH		KFXE	FORT LAUDERDALE	FL (US)
STAR	FISEL (RNAV)		KHWO	HOLLYWOOD	FL (US)
STAR	GISSH		KHWO	HOLLYWOOD	FL (US)
STAR	ANNEY		KHST	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)		KHST	HOMESTEAD	FL (US)
STAR	ANNEY		KX51	HOMESTEAD	FL (US)
STAR	HILEY (RNAV)		KX51	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	FRWAY (RNAV)		K06FA	JUPITER	FL (US)
STAR	TUXXI		K60FL	JUPITER	FL (US)
STAR	ANNEY		K07FA	KEY LARGO	FL (US)
STAR	HILEY (RNAV)		K07FA	KEY LARGO	FL (US)
STAR	CWRLD (RNAV)	4	KLEE	LEESBURG	FL (US)
STAR	POGIE		KNRB	MAYPORT	FL (US)
STAR	BITHO	3	KMLB	MELBOURNE	FL (US)
STAR	BITHO	3	KCOI	MERRITT ISLAND	FL (US)
STAR	ANNEY		KMIA	MIAMI	FL (US)
STAR	HILEY RNAV		KMIA	MIAMI	FL (US)
STAR	FISEL (RNAV)		KOPF	MIAMI	FL (US)
STAR	GISSH		KOPF	MIAMI	FL (US)
STAR	ANNEY		KTMB	MIAMI	FL (US)
STAR	HILEY (RNAV)		KTMB	MIAMI	FL (US)
STAR	BITHO		KISM	ORLANDO	FL (US)
STAR	CWRLD (RNAV)	4	KISM	ORLANDO	FL (US)
STAR	LEESE		KISM	ORLANDO	FL (US)
STAR	BITHO	3	KMCO	ORLANDO	FL (US)
STAR	CWRLD (RNAV)	4	KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	CORLL		KORL	ORLANDO	FL (US)
STAR	CWRLD (RNAV)	4	KORL	ORLANDO	FL (US)
STAR	LEESE		KORL	ORLANDO	FL (US)
STAR	CORLL		KSFB	ORLANDO	FL (US)
STAR	CWRLD (RNAV)	4	KSFB	ORLANDO	FL (US)
STAR	FISEL (RNAV)		KPMP	POMPANO BEACH	FL (US)
STAR	GISSH		KPMP	POMPANO BEACH	FL (US)
STAR	BITHO	3	KTIX	TITUSVILLE	FL (US)
STAR	BITHO	3	KTTS	TITUSVILLE	FL (US)
STAR	FRWAY (RNAV)		KF45	WEST PALM BEACH	FL (US)
STAR	TUXXI		KLNA	WEST PALM BEACH	FL (US)
STAR	FRWAY (RNAV)		KPBI	WEST PALM BEACH	FL (US)
STAR	TUXXI		KPBI	WEST PALM BEACH	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 19-ASO-7.

HOLDING; CHANGED PAT 3 LEG LENGTH TIME FROM 1 - 1 1/2 TO 1.

FIX USE; DELETED J45, J79 AND J103. COMBINED KMCO ILS RWY 35L CAT II AND CAT III INTO A SINGLE ENTRY. DELETED KSGJ VOR RWY 31.

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: MCO APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAVANNAH VORTAC **STATE:** GA **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 320846.56N/0811156.78W **TYPE:**
AIRSPACE DOCKET: 19-ASO-7 **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	SAVANNAH	SAV	VORTAC	H						45000

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

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000 FT.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: W06 (2005).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JACKSONVILLE			KJAX	JACKSONVILLE	FL (US)
DP	KNIGHTS			KVUJ	ALBEMARLE	NC (US)
DP	KNIGHTS			KCLT	CHARLOTTE	NC (US)
DP	KNIGHTS			KJQF	CONCORD	NC (US)
DP	KNIGHTS			KAKH	GASTONIA	NC (US)
DP	KNIGHTS			KIPJ	LINCOLNTON	NC (US)
DP	KNIGHTS			KEQY	MONROE	NC (US)
DP	KNIGHTS			KRUQ	SALISBURY	NC (US)
DP	KNIGHTS			KLKR	LANCASTER	SC (US)
DP	KNIGHTS			KUZA	ROCK HILL	SC (US)
EN ROUTE	V154					(US)
EN ROUTE	V185					(US)
EN ROUTE	V3					(US)
EN ROUTE	V37					(US)
EN ROUTE	V437					(US)
EN ROUTE	V441					(US)
EN ROUTE	V578					(US)
IAP	HI-ILS OR LOC RWY 10			KSAV	SAVANNAH	GA (US)
IAP	ILS OR LOC RWY 1			KSAV	SAVANNAH	GA (US)
IAP	ILS OR LOC RWY 10			KSAV	SAVANNAH	GA (US)
IAP	ILS RWY 10 (SA CAT I & II)			KSAV	SAVANNAH	GA (US)
IAP	VOR/DME OR TACAN RWY 1			KSAV	SAVANNAH	GA (US)
IAP	VOR/DME OR TACAN RWY 19			KSAV	SAVANNAH	GA (US)
IAP	VOR/DME-A			KSAV	SAVANNAH	GA (US)
IAP	COPTER VOR RWY 10			KSVN	SAVANNAH	GA (US)
IAP	ILS OR LOC RWY 28			KSVN	SAVANNAH	GA (US)
IAP	NDB RWY 28			KSVN	SAVANNAH	GA (US)
IAP	RNAV (GPS) RWY 10			KSVN	SAVANNAH	GA (US)
IAP	RNAV (GPS) RWY 28			KSVN	SAVANNAH	GA (US)
IAP	VOR RWY 28			KSVN	SAVANNAH	GA (US)
IAP	NDB RWY 23			KJYL	SYLVANIA	GA (US)
IAP	RNAV (GPS) RWY 7			KARW	BEAUFORT	SC (US)
IAP	ILS OR LOC RWY 9			KJZI	CHARLESTON	SC (US)
IAP	LOC/DME RWY 21			KHXD	HILTON HEAD ISLAND	SC (US)
IAP	VOR/DME-A			KHXD	HILTON HEAD ISLAND	SC (US)
STAR	LEESE			KISM	ORLANDO	FL (US)
STAR	LEESE			KMCO	ORLANDO	FL (US)
STAR	LEESE			KORL	ORLANDO	FL (US)
STAR	STUGE			KAGS	AUGUSTA	GA (US)
STAR	BAGGY (RNAV)			KCHS	CHARLESTON	SC (US)
STAR	BAGGY (RNAV)			KJZI	CHARLESTON	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 01/30/2020

REASON FOR REVISION:

REMOVED DDENA STAR INTO KCHS FROM FIX USE
 REMOVED UNPLANNED HOLDING OBSTACLE FROM FIX USE
 ADDED CONTROLLER LOW/HIGH TO CHARTING
 REMOVED J103; J207; J51; J55 FROM FIX USE
 ADDED AIRSPACE DOCKET

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

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: ROSE BOONE**APPROVED BY:****DATE:****OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** EST**ARTCC:** ZDC**ATC FACILITY:** SAV APP CON**OTHER:**