

RADIO FIX AND HOLDING DATA RECORD

NAME: ALLENDALE VOR **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 330044.98N/0811732.04W **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	MRA	MAA
1	ALLENDALE	ALD	VOR	L						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	NW	ALD	VOR	320.00	140.00	L	1	2000 6000	4 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001276)	330653.00N/0812312.00W	649	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 1W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PLFMD (RNAV)			KCHS	CHARLESTON	SC (US)
DP	EXECUTIVE (RNAV)			KJZI	CHARLESTON	SC (US)
EN ROUTE	V157					(US)
EN ROUTE	V37					(US)
EN ROUTE	V417					(US)
EN ROUTE	V70					(US)
IAP	ILS OR LOC RWY 35			KAGS	AUGUSTA	GA (US)
IAP	RNAV (GPS) RWY 8			KBXG	WAYNESBORO	GA (US)
IAP	VOR-A		1	KAQX	ALLENDALE	SC (US)
IAP	RNAV (GPS) RWY 17			KOGB	ORANGEBURG	SC (US)
IAP	RNAV (GPS) RWY 35			KOGB	ORANGEBURG	SC (US)
IAP	RNAV (GPS) RWY 5			KOGB	ORANGEBURG	SC (US)
IAP	RNAV (GPS) RWY 17			KRBW	WALTERBORO	SC (US)
IAP	RNAV (GPS) RWY 35			KRBW	WALTERBORO	SC (US)
IAP	RNAV (GPS) RWY 5			KRBW	WALTERBORO	SC (US)
STAR	STUGE			KAGS	AUGUSTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 05/24/2018

REASON FOR REVISION:

REMOVED NDB RWY 17 AT K2J5.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 12/04/2017	OFFICE: AJV-5433	NAME: DAVID TEFFETELLER (KWEKU DONKOR)
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: PATRICK MULQUEEN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FLORENCE VORTAC **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 341358.69N/0793925.78W **TYPE:**

AIRSPACE DOCKET: 19-ASO-27 **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	FLORENCE	FLO	VORTAC	H						45000

FIX RESTRICTIONS:

V3 MCA 12000 SW BOUND.
V157 MCA 12000 SW BOUND.

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	SW	FLO	VORTAC	215.00	035.00	R	1		10000	45000	9	29
2	SE	FLO	VORTAC	140.00	320.00	R	1		2000	6000	4	5
3	SE	FLO	VORTAC	140.00	320.00	L	1		6000	31000	5	23
4	SE	WP	WP	135.38	315.38	L		10	13000	18000	15	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (45-000081)	341618.00N/0794333.00W	948	1A
2	200	TOWER (45-000674)	341116.00N/0793116.00W	575	5E
3	200	TOWER (45-000081)	341618.00N/0794333.00W	948	1A
4	230	TOWER (45-000081)	341618.00N/0794333.00W	948	1A

REASON FOR NONSTANDARD HOLDING:

PAT 3 ATC REQUEST
PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
10NM LEG LENGTH REQUESTED BY ATC.
MAG VAR W03/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	KNIGHTS			KVUJ	ALBEMARLE	NC (US)
DP	CHARLOTTE			KCLT	CHARLOTTE	NC (US)
DP	KNIGHTS			KCLT	CHARLOTTE	NC (US)
DP	KNIGHTS			KJQF	CONCORD	NC (US)
DP	MOUNTY			KFAY	FAYETTEVILLE	NC (US)
DP	KNIGHTS			KAKH	GASTONIA	NC (US)
DP	HICKORY (OBSTACLE)			KHKY	HICKORY	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	V139					(US)
EN ROUTE	V157					(US)
EN ROUTE	V259					(US)
EN ROUTE	V3					(US)
EN ROUTE	V437					(US)
EN ROUTE	V56					(US)
IAP	ILS OR LOC/DME RWY 4			KFAY	FAYETTEVILLE	NC (US)
IAP	LOC BC RWY 22			KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 22			KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 28			KFAY	FAYETTEVILLE	NC (US)
IAP	VOR RWY 4			KFAY	FAYETTEVILLE	NC (US)
IAP	ILS OR LOC RWY 5			KLBT	LUMBERTON	NC (US)
IAP	ILS OR LOC RWY 5			KMEB	MAXTON	NC (US)
IAP	NDB RWY 23			KUDG	DARLINGTON	SC (US)
IAP	RNAV (GPS) RWY 5			KUDG	DARLINGTON	SC (US)
IAP	VOR-A		2	KUDG	DARLINGTON	SC (US)
IAP	VOR/DME OR GPS RWY 7			KDLC	DILLON	SC (US)
IAP	ILS OR LOC RWY 9			KFLO	FLORENCE	SC (US)
IAP	RNAV (GPS) RWY 27			KFLO	FLORENCE	SC (US)
IAP	RNAV (GPS) RWY 9			KFLO	FLORENCE	SC (US)
IAP	VOR OR TACAN-A			KFLO	FLORENCE	SC (US)
IAP	VOR/DME-A			KMAO	MARION	SC (US)
IAP	ILS OR LOC RWY 23			KSMS	SUMTER	SC (US)

STAR	STWRT		KAGS	AUGUSTA	GA (US)
STAR	KABEE (RNAV)	4	KVUJ	ALBEMARLE	NC (US)
STAR	RASLN	3	KCLT	CHARLOTTE	NC (US)
STAR	KABEE (RNAV)	4	KJQF	CONCORD	NC (US)
STAR	RASLN	3	KAKH	GASTONIA	NC (US)
STAR	RASLN	3	KIPJ	LINCOLNTON	NC (US)
STAR	RASLN	3	KEQY	MONROE	NC (US)
STAR	KABEE (RNAV)	4	KRUQ	SALISBURY	NC (US)
STAR	RASLN	3	KEHO	SHELBY	NC (US)
STAR	KABEE (RNAV)	4	KSVH	STATESVILLE	NC (US)
STAR	RASLN	3	KAFF	WADESBORO	NC (US)
STAR	RASLN	3	KN52	WAXHAW	NC (US)
STAR	RASLN	3	KDCM	CHESTER	SC (US)
STAR	RASLN	3	KLKR	LANCASTER	SC (US)
STAR	RASLN	3	KUZA	ROCK HILL	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

DELETED FAYETTEVILLE DP FROM FIX USE - FAYETTEVILLE DP IS BEING CANCELLED.
 DELETED MALNR STAR AT KRDU FROM FIX USE - FACILITY NO LONGER USED ON PROCEDURE.
 DELETED BUZZY STAR AT KRDU FROM FIX USE - FACILITY NO LONGER USED ON PROCEDURE.
 DELETED BLOCC STAR AT KRDU FROM FIX USE - FACILITY NO LONGER USED ON PROCEDURE.
 DELETED AIRWAY J207 FROM FIX USE.

09/10/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/13/19.

1. ADDED V3 MCA 12000 SW BOUND AND V157 MCA 12000 SW BOUND. TO FIX RESTRICTIONS.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** ROBERT GRIM

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: PEGIE STATE: SC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 335745.28N/0795629.85W 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	FLORENCE	FLO	VORTAC	H	224.28	221.28	21.52	21.52	13000	17500
2	CHESTERFIELD	CTF	VOR/DME	L	161.00	158.00		44.41	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CTF	VOR/DME	R-161	45	2000	17500

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	SW	FLO	VORTAC	224.28	044.28	R	1	13000	17500	12	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (45-001314)	334509.22N/0801058.64W	615	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

FLORENCE (FAC 1) AND CHESTERFIELD (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	V157	1, 2	1			(US)
EN ROUTE	V3	1, 2	1			(US)
IAP	ILS OR LOC RWY 9	1, 2		KFLO	FLORENCE	SC (US)
IAP	RNAV (GPS) RWY 1			KFLO	FLORENCE	SC (US)
IAP	RNAV (GPS) RWY 9			KFLO	FLORENCE	SC (US)
IAP	NDB RWY 23	1, 2		KSMS	SUMTER	SC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 MRA FROM 2000 TO 13000 - FLO RESTRICTION FROM FLT INSP DTD 3/4/19.
HOLDING: UPDATED PAT 1 AND CONTROLLING OBSTRUCTION.
REMARKS: ADDED FIX COORDINATES REMARK.
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: BARRY SMITH

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

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: FLO APP CON, SHAW AFB APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: VANCE VORTAC **STATE:** SC **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 332829.39N/0802655.11W **TYPE:**

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	VANCE	VAN	VORTAC	L							17500

FIX RESTRICTIONS:

MCA V3 13000 NORTHEAST BOUND
MCA V157 13000 NORTHEAST BOUND

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	SW	VAN	VORTAC	247.00	067.00	R	1		2000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (45-001893)	332821.00N/0802731.00W	467	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGNETIC VARIATION: W06/1995

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MLTRE (RNAV)			KCHS	CHARLESTON	SC (US)
EN ROUTE	V157					(US)
EN ROUTE	V3					(US)
IAP	VOR/DME OR TACAN RWY 3			KCHS	CHARLESTON	SC (US)
IAP	NDB OR GPS RWY 2			KMNI	MANNING	SC (US)
IAP	VOR/DME OR GPS-A		1	KMNI	MANNING	SC (US)
IAP	RNAV (GPS) RWY 23			KMKS	MONCK'S CORNER	SC (US)
IAP	RNAV (GPS) RWY 23			KOGB	ORANGEBURG	SC (US)
IAP	RNAV (GPS) RWY 35			KOGB	ORANGEBURG	SC (US)
IAP	RNAV (GPS) RWY 5			KOGB	ORANGEBURG	SC (US)
IAP	NDB RWY 6			KDYB	SUMMERVILLE	SC (US)
IAP	ILS OR LOC RWY 23			KSMS	SUMTER	SC (US)
IAP	ILS Y OR LOC Y RWY 23			KRBW	WALTERBORO	SC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

AIRSPACE DOCKET: REMOVED 19-ASO-18.
FIX RESTRICTIONS: ADDED V3 AND V157 MCA FLAGS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: SSC TRACON
OTHER: