

RADIO FIX AND HOLDING DATA RECORD

NAME: ARMEL VOR/DME

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 385604.53N/0772800.13W

TYPE:

AIRSPACE DOCKET: 22-AEA-26

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ARMEL	AML	VOR/DME	L							45000

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NATIONAL			KDCA	WASHINGTON	DC (US)
DP	ARSENAL			KHEF	WASHINGTON	DC (US)
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	TRIXY			KMRB	MARTINSBURG	WV (US)
EN ROUTE	J149					(US)
EN ROUTE	J213					(US)
EN ROUTE	J220					(US)
EN ROUTE	V4					(US)
IAP	COPTER ILS OR LOC/DME RWY 1			KDCA	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1			KDCA	WASHINGTON	DC (US)
IAP	ILS RWY 1 (CAT II)			KDCA	WASHINGTON	DC (US)
IAP	ILS RWY 1 (SA CAT 1)			KDCA	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 15			KDCA	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 16L			KHEF	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 19C			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 19L			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 19R			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1C			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1L			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC/DME RWY 12			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 19C (CAT II & III)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 19L (SA CAT II)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 19R (CAT II & III)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 1C (SA CAT II)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 1L (CAT II & III)			KIAD	WASHINGTON	DC (US)
IAP	VOR/DME RWY 12			KIAD	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 14			KDAA	FORT BELVOIR	VA (US)
IAP	VOR RWY 15			KHWY	WARRENTON	VA (US)
IAP	VOR-A			KMRB	MARTINSBURG	WV (US)
STAR	NUMMY			KDCA	WASHINGTON	DC (US)
STAR	COATT			KIAD	WASHINGTON	DC (US)
STAR	DOCCS			KIAD	WASHINGTON	DC (US)
STAR	PRIVO			KIAD	WASHINGTON	DC (US)
STAR	WESTMINSTER			KBWI	BALTIMORE	MD (US)
STAR	WESTMINSTER			KMTN	BALTIMORE	MD (US)
STAR	NUMMY			KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY			KDAA	FORT BELVOIR	VA (US)
STAR	DOCCS			KJYO	LEESBURG	VA (US)
STAR	PRIVO			KJYO	LEESBURG	VA (US)
STAR	PRIVO			KHEF	MANASSAS	VA (US)
STAR	PRIVO			KNYG	QUANTICO	VA (US)
STAR	PRIVO			KMRB	MARTINSBURG	WV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION:

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 23-AEA-10.
2. ADDED Q221 AND Q227 IN FIX USE.
3. DELETED ILS OR LOC RWY 1R AT KIAD AND ILS RWY 1R (CAT II & III) AT KIAD IN FIX USE.
4. DELETED "DME" FROM ILS OR LOC RWYS 19C, 19R, 1C, AND 1L AT KIAD IN FIX USE.
5. CHANGED FAC 1 AML MAA FROM "17500" TO "45000" IN FIX MAKE-UP FACILITIES.
6. DELETED REMARK "ASSIGNED FACILITY MAGVAR: 8W (1980)".

1/24/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/7/23.

1. CHANGED AIRSPACE DOCKET FROM "23-AEA-10" TO "22-AEA-26".
2. DELETED J227 IN FIX USE.
3. DELETED PALEO AT KBWI IN FIX USE.
4. CHANGED RECORD REVISION NUMBER FROM "19" TO "20".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN**APPROVED BY:****DATE:** 09/05/2024**OFFICE:** AJV-A423**NAME:** ALLAN WILL**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: CASANOVA VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383828.33N/0775155.80W 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	CASANOVA	CSN	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	SW	CSN	VORTAC	207.00	027.00	L	1	3000 17000	4 16
2	N	CSN	VORTAC	003.51	183.51	L	1	2900 17000	4 16
3	SW		WP	207.00	027.00	L		3000 8000	5 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	384300.00N/0775309.00W	1080	4E
2	200	AAO	384733.00N/0775021.00W	1555	4E
2	310	AAO	385018.00N/0775712.00W	1756	4E
3	200	AAO	384300.00N/0775309.00W	1080	4E
3	310	AAO	384718.00N/0775004.00W	1523	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 FOR SEPARATION
PAT 2 TO AVOID HIGH TERRAIN WEST.

PAT 3 PAT 4 FOR SEPARATION

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	NDB RWY 4	KCJR	CULPEPER	VA (US)
3	RNAV (GPS) RWY 33	KHWY	WARRENTON	VA (US)

REMARKS:

HOLDING PATTERNS 1 AND 2 HIGHER ALTITUDES REQUESTED BY ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 6W (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NATIONAL			KDCA	WASHINGTON	DC (US)
DP	ARSENAL			KHEF	WASHINGTON	DC (US)
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	PTOMC (RNAV)			KJYO	LEESBURG	VA (US)
EN ROUTE	J48					(US)
EN ROUTE	J8					(US)
EN ROUTE	V128					(US)
EN ROUTE	V140					(US)
EN ROUTE	V286					(US)
EN ROUTE	V453					(US)
IAP	ILS OR LOC RWY 16L		1	KHEF	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 16L		3	KHEF	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 16R		3	KHEF	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 34L		3	KHEF	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 34R		3	KHEF	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 19R			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC RWY 1L			KIAD	WASHINGTON	DC (US)
IAP	ILS OR LOC/DME RWY 12			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 19R (CAT II & III)			KIAD	WASHINGTON	DC (US)
IAP	ILS RWY 1L (CAT II & III)			KIAD	WASHINGTON	DC (US)
IAP	RNAV (GPS) RWY 1L			KIAD	WASHINGTON	DC (US)
IAP	RNAV (RNP) Z RWY 1R			KIAD	WASHINGTON	DC (US)
IAP	NDB RWY 4		2	KCJR	CULPEPER	VA (US)
IAP	RNAV (GPS) RWY 22			KCJR	CULPEPER	VA (US)
IAP	RNAV (GPS) RWY 4			KCJR	CULPEPER	VA (US)
IAP	VOR-A		2	KCJR	CULPEPER	VA (US)
IAP	ILS OR LOC RWY 17			KJYO	LEESBURG	VA (US)
IAP	LOC/DME RWY 15		1	KHWY	WARRENTON	VA (US)
IAP	RNAV (GPS) RWY 15		3	KHWY	WARRENTON	VA (US)
IAP	RNAV (GPS) RWY 33		3	KHWY	WARRENTON	VA (US)
IAP	ILS OR LOC RWY 32			KOKV	WINCHESTER	VA (US)

QUALITY
18
CHECKED

IAP	VOR-A	KMRB	MARTINSBURG	WV (US)
STAR	IRONS	KDCA	WASHINGTON	DC (US)
STAR	NUMMY	KDCA	WASHINGTON	DC (US)
STAR	COATT	KIAD	WASHINGTON	DC (US)
STAR	NUMMY	KADW	CAMP SPRINGS	MD (US)
STAR	NUMMY	KDAA	FORT BELVOIR	VA (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: 29

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

FIX USE: REMOVED IAP VOR RWY 15 FOR KHWY WARRENTON, VA.
FIX USE: REMOVED IAP VOR/DME RWY 12 FOR KIAD WASHINGTON, DC.
HOLDING PATTERN ASSOCIATION 2,CSN,VORTAC,01/22/2026 DELETED
CONTROLLING OBSTRUCTIONS: REMOVED PAT 2 AAO.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

