

RADIO FIX AND HOLDING DATA RECORD

NAME: KILBE **STATE:** VA **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 370639.92N/0792031.17W **TYPE:** WP, INT

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	LYNCHBURG	I-LYH	LOC		215.81	207.81		15.09	3000	5400
2	SOUTH BOSTON	SBV	VORTAC	L	334.00	329.00	30.52	30.51	3000	17500
3	LYNCHBURG	LYH	VOR/DME	L	215.53	210.53	9.98	9.98	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	HOLDING DME	ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	215.71	035.71	R		5	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	370338.90N/0792217.90W	1379	6C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

LYNCHBURG (FAC 1) AND SOUTH BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FAC 1&2 USED FOR INTERSECTION MAKE-UP.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 4	1, 2		KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 4		1	KLYH	LYNCHBURG	VA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 01/03/2019

REASON FOR REVISION:

CHANGED FAC 3 FROM LYH VORTAC TO LYH VOR/DME.

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

OFFICE OF PRIMARY RESPONSIBILITY: **NAME:** LIAM DONAHUE

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

SIGNATURE:

DISTRIBUTION:

NFDC
 FPO: EST
 ARTCC: ZDC
 ATC FACILITY: ROA APP CON
 OTHER: LYH ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: LYNCHBURG VOR/DME

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 371516.48N/0791410.97W

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 FEET	MAA
1	LYNCHBURG	LYH	VOR/DME	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	SW	LYH	VOR/DME	205.00	025.00	R	1		2900	6000	4	5
2	NW	LYH	VOR/DME	307.99	127.99	L	1		2800	5000	4	5
3	SW		WP	210.41	030.41	R		4	3000	6000	5	6
4	SW	LYH	VOR/DME	230.30	050.30	L	1 1/2		24000	45000	19	29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (51-000836)	371438.00N/0791431.00W	1299	5D
2	200	TOWER (51-000836)	371438.00N/0791431.00W	1299	5D
3	200	TOWER (51-000150)	371151.00N/0792105.00W	1909	1D

REASON FOR NONSTANDARD HOLDING:

PAT 4 AIR TRAFFIC REQUEST
PAT 2 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 4 IS NOT CHARTED, FOR ATC USE ONLY.
MAG VAR W05/1990

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SCRAM (RNAV)			KDCA	WASHINGTON	DC (US)
DP	GABBE (RNAV)			KHEF	WASHINGTON	DC (US)
DP	SCRAM (RNAV)			KIAD	WASHINGTON	DC (US)
DP	FIXET (RNAV)			KBWI	BALTIMORE	MD (US)
DP	TERPZ (RNAV)			KBWI	BALTIMORE	MD (US)
DP	TERPZ (RNAV)			KMTN	BALTIMORE	MD (US)
DP	JEFSN (RNAV)			KADW	CAMP SPRINGS	MD (US)
DP	TERPZ (RNAV)			KESN	EASTON	MD (US)
DP	TERPZ (RNAV)			KFDK	FREDERICK	MD (US)
DP	TERPZ (RNAV)			KGAI	GAITHERSBURG	MD (US)
DP	TERPZ (RNAV)			KDMW	WESTMINSTER	MD (US)
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	QUAKER			KINT	WINSTON-SALEM	NC (US)
DP	SCRAM (RNAV)			KDAA	FORT BELVOIR	VA (US)
DP	SCRAM (RNAV)			KJYO	LEESBURG	VA (US)
DP	HURTT (RNAV)			KLYH	LYNCHBURG	VA (US)
DP	LIBRT (RNAV)			KLYH	LYNCHBURG	VA (US)
DP	KALLI (RNAV)			KRIC	RICHMOND	VA (US)
DP	READE			KRIC	RICHMOND	VA (US)
DP	SCRAM (RNAV)			KOKV	WINCHESTER	VA (US)
DP	SCRAM (RNAV)			KMRB	MARTINSBURG	WV (US)
EN ROUTE	J37					(US)
EN ROUTE	V143					(US)
EN ROUTE	V16					(US)
EN ROUTE	V222					(US)
EN ROUTE	V260					(US)
EN ROUTE	V469					(US)
EN ROUTE	V470					(US)
EN ROUTE	V476					(US)
IAP	RNAV (GPS) RWY 24			K0V4	BROOKNEAL	VA (US)
IAP	VOR/DME-A		2	K0V4	BROOKNEAL	VA (US)
IAP	ILS OR LOC RWY 25			KHSP	HOT SPRINGS	VA (US)
IAP	ILS OR LOC RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 22		3	KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	VOR RWY 22			KLYH	LYNCHBURG	VA (US)
IAP	ILS OR LOC RWY 34	1	1	KLYH	LYNCHBURG	VA (US)
IAP	LDA Y RWY 6			KROA	ROANOKE	VA (US)
IAP	LDA Z RWY 6			KROA	ROANOKE	VA (US)
IAP				KROA	ROANOKE	VA (US)

IAP	RNAV (GPS) RWY 24	KROA	ROANOKE	VA (US)
IAP	RNAV (GPS) RWY 34	KROA	ROANOKE	VA (US)
IAP	RNAV (GPS) RWY 19	KW78	SOUTH BOSTON	VA (US)
STAR	NASCR	KVUJ	ALBEMARLE	NC (US)
STAR	CHSLY (RNAV).	KCLT	CHARLOTTE	NC (US)
STAR	MAJIC	KCLT	CHARLOTTE	NC (US)
STAR	NASCR	KJQF	CONCORD	NC (US)
STAR	MAJIC	KAKH	GASTONIA	NC (US)
STAR	HENBY	KGSO	GREENSBORO	NC (US)
STAR	MAJIC	KIPJ	LINCOLNTON	NC (US)
STAR	MAJIC	KEQY	MONROE	NC (US)
STAR	NASCR	KRUQ	SALISBURY	NC (US)
STAR	MAJIC	KEHO	SHELBY	NC (US)
STAR	MAJIC	KAFP	WADESBORO	NC (US)
STAR	MAJIC	KN52	WAXHAW	NC (US)
STAR	HENBY	KINT	WINSTON-SALEM	NC (US)
STAR	MAJIC	KDCM	CHESTER	SC (US)
STAR	MAJIC	KLKR	LANCASTER	SC (US)
STAR	MAJIC	KUZA	ROCK HILL	SC (US)
STAR	POWTN (RNAV)	KRIC	RICHMOND	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

CHANGED VOR/DME RWY 22 TO VOR RWY 22 AT KLYH IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: ROA APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SWARM

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 372834.84N/0785525.24W

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	LYNCHBURG	LYH	VOR/DME	L	053.28	048.28	20.01	20.01	3300	17500
2	MONTEBELLO	MOL	VOR/DME	L	166.00	161.00	26.88	26.88	3300	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	NE	LYH	VOR/DME	053.28	233.28	L	1		3500	6000	5	6
2	NE		WP	057.30	237.30	L		5	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	373342.00N/0784545.00W	1798	4E
2	200	AAO	373342.00N/0784545.00W	1798	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

LYNCHBURG (FAC 1) AND MONTEBELLO (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V476	1, 2				(US)
IAP	ILS OR LOC RWY 4	1, 2	1	KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 22			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 4		2	KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 28		2	KW24	LYNCHBURG	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

CHANGED FAC 1 FROM LYH VORTAC TO LYH VOR/DME.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ROA APP CON
OTHER: LYH ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: SYCAM

STATE: VA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 370102.97N/0791616.77W

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 NM	FAC FEET	MRA	MAA
1	LYNCHBURG	LYH	VOR/DME	L	191.74	186.74	14.31	14.31		3000	17500
2	SOUTH BOSTON	SBV	VORTAC	L	334.00	329.00	23.96	23.96		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LYNCHBURG (FAC 1) AND SOUTH BOSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V469	1, 2				(US)
IAP	RNAV (GPS) RWY 6			K0V4	BROOKNEAL	VA (US)
IAP	RNAV (GPS) RWY 36			KW90	FOREST	VA (US)
IAP	ILS OR LOC RWY 4	1, 2		KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 35			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 4			KLYH	LYNCHBURG	VA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 01/03/2019

REASON FOR REVISION:

CHANGED FAC 1 FROM LYH VORTAC TO LYH VOR/DME.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ROA APP CON
OTHER: LYH ATCT