

RADIO FIX AND HOLDING DATA RECORD

NAME: CONCORD VOR/DME **STATE:** NH **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 431311.23N/0713431.63W **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	CONCORD	CON	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	NW	CON	VOR/DME	329.75	149.75	R	1	4000 17500	4 16
2	NW	CON	VOR/DME	298.54	118.54	R	1	3500 14000	4 10
3	NW		WP	329.75	149.75	R	5	5000 10000	6 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	431903.00N/0714236.00W	1080	4E
2	200	AAO	431333.00N/0714803.00W	1257	4E
2	310	AAO	432253.00N/0715127.20W	3140	4E
3	200	AAO	431448.00N/0714745.00W	1221	4E
3	310	AAO	432253.00N/0715127.20W	3140	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	VOR-A	KCON	CONCORD	NH (US)
3	RNAV (GPS) RWY 24	KMHT	MANCHESTER	NH (US)

REMARKS:

PAT 2, 310 KIAS CONTROLLING OBSTACLE LIES IN SECONDARY AREA 10572 FT FROM EDGE OF PRIMARY AREA (PRIMARY EQUIVALENT HEIGHT 2205 MSL).
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: 15W (1980).
 CHART PATTERN 1 ON ENROUTE LOW PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
DP	TAKE-OFF MINIMUMS			KDAW	ROCHESTER	NH (US)
EN ROUTE	ENROUTE LOW		1			(US)
EN ROUTE	T295					(US)
EN ROUTE	T395					(US)
IAP	ILS OR LOC RWY 11			KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (CAT II & III)			KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (SA CAT I)			KPWM	PORTLAND	ME (US)
IAP	ILS OR LOC RWY 7			KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 25			KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 7			KSFM	SANFORD	ME (US)
IAP	NDB-A			KCNH	CLAREMONT	NH (US)
IAP	ILS OR LOC RWY 35		2	KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 12			KCON	CONCORD	NH (US)
IAP	RNAV (GPS) RWY 17			KCON	CONCORD	NH (US)
IAP	VOR-A		2	KCON	CONCORD	NH (US)
IAP	ILS OR LOC RWY 8			KLCI	LACONIA	NH (US)
IAP	RNAV (GPS) RWY 26			KLCI	LACONIA	NH (US)
IAP	RNAV (GPS) RWY 25			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 36			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 7			KLEB	LEBANON	NH (US)
IAP	ILS OR LOC RWY 17		1	KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 35		1	KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 6			KMHT	MANCHESTER	NH (US)
IAP	ILS RWY 35 (CAT II & III)		1	KMHT	MANCHESTER	NH (US)
IAP	ILS RWY 35 (SA CAT I)		1	KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) RWY 24		3	KMHT	MANCHESTER	NH (US)
IAP	RNAV (GPS) Y RWY 17			KMHT	MANCHESTER	NH (US)
IAP	ILS OR LOC RWY 14			KASH	NASHUA	NH (US)
IAP	RNAV (GPS) RWY 14			KASH	NASHUA	NH (US)
IAP	ILS OR LOC RWY 16			KPSM	PORTSMOUTH	NH (US)
IAP	ILS OR LOC RWY 34			KPSM	PORTSMOUTH	NH (US)
IAP	NDB RWY 33			KDAW	ROCHESTER	NH (US)

IAP RNAV (GPS) RWY 15 KDAW ROCHESTER NH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 12/01/2022

REASON FOR REVISION:

UPDATED FIX USE, ADDED KDAW RNAV (GPS) RWY 15, ADDED ENROUTE LOW AND PATTERN 1 USE.
ADDED REMARK CHART PATTERN 1 ON ENROUTE LOW PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE: 12/01/2022

OFFICE: AJV-A420

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KENNEBUNK VOR/DME **STATE:** ME **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 432532.42N/0703648.69W **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	KENNEBUNK	ENE	VOR/DME	VH						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	E	ENE	VOR/DME	082.00	262.00	L	1	2400 6000	4 12
2	W	ENE	VOR/DME	267.54	087.54	R	1	2300 6000	4 5
3	E	ENE	VOR/DME	081.00	261.00	L	1	2000 6000	4 5
4	NE		WP	044.00	224.00	L		16 17000 45000	29 30
5	NE		WP	062.00	242.00	L		4 3000 6000	5 13
6	NE		WP	043.00	223.00	L		16 17000 45000	29 30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	432218.00N/0704009.00W	578	4E
1	310	AAO	432303.00N/0704709.00W	1126	4E
2	200	AAO	432303.00N/0704709.00W	1126	4E
3	200	AAO	432218.00N/0704009.00W	578	4E
4	265	TOWER (23-000419)	435044.24N/0704540.76W	2549	2C
5	200	AAO	432218.00N/0704009.00W	578	4E
5	310	AAO	432748.00N/0704436.00W	804	4E
6	265	TOWER (23-000419)	435044.24N/0704540.76W	2549	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 3 ATC REQUEST
PAT 4 ATC REQUEST
PAT 5 ATC REQUEST
PAT 6 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 7	KSFM	SANFORD	ME (US)
5	RNAV (GPS) RWY 7	KSFM	SANFORD	ME (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR 17W/1970.
PAT 5 MAG VAR BOS 15W.
PAT 7 MAG VAR JFK 13W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HANSCOM			KBED	BEDFORD	MA (US)
DP	BEVERLY			KBVY	BEVERLY	MA (US)
DP	LOGAN			KBOS	BOSTON	MA (US)
DP	LAWRENCE			KLWM	LAWRENCE	MA (US)
DP	NORWOOD			KOWD	NORWOOD	MA (US)
DP	BANGOR			KBGR	BANGOR	ME (US)
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	MANCHESTER			KMHT	MANCHESTER	NH (US)
DP	PEASE			KPSM	PORTSMOUTH	NH (US)
DP	TANKER			KPSM	PORTSMOUTH	NH (US)
EN ROUTE	Q480					(US)
EN ROUTE	Q822					(US)
EN ROUTE	T287					(US)
EN ROUTE	T295					(US)
EN ROUTE	T314					(US)
EN ROUTE	V139					(US)
EN ROUTE	V167					(US)
IAP	ILS OR LOC RWY 4			KLEW	AUBURN/LEWISTON	ME (US)
IAP	HI-ILS Z OR LOC Z RWY 15			KBGR	BANGOR	ME (US)
IAP	RNAV (GPS) RWY 6		5	B19	BIDDEFORD	ME (US)
IAP	VOR RWY 6		2	B19	BIDDEFORD	ME (US)
IAP	ILS OR LOC RWY 1R			KBXM	BRUNSWICK	ME (US)
IAP	ILS OR LOC RWY 11		1	KPWM	PORTLAND	ME (US)
IAP	ILS OR LOC RWY 29		1	KPWM	PORTLAND	ME (US)

IAP	ILS RWY 11 (CAT II - III)	1	KPWM	PORTLAND	ME (US)
IAP	ILS RWY 11 (SA CAT I)	1	KPWM	PORTLAND	ME (US)
IAP	ILS RWY 29 (SA CAT I-II)	1	KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 11		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 29		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 36		KPWM	PORTLAND	ME (US)
IAP	RNAV (GPS) RWY 31		KRKC	ROCKLAND	ME (US)
IAP	ILS OR LOC RWY 7	1	KSFM	SANFORD	ME (US)
IAP	RNAV (GPS) RWY 7	5	KSFM	SANFORD	ME (US)
IAP	VOR RWY 25	3	KSFM	SANFORD	ME (US)
IAP	ILS OR LOC RWY 8		KLCI	LACONIA	NH (US)
IAP	ILS OR LOC RWY 16		KPSM	PORTSMOUTH	NH (US)
IAP	ILS OR LOC RWY 34		KPSM	PORTSMOUTH	NH (US)
IAP	NDB RWY 33		KDAW	ROCHESTER	NH (US)
STAR	OOSHN (RNAV)	4	KBOS	BOSTON	MA (US)
STAR	PARCH (RNAV)	6	KFRG	FARMINGDALE	NY (US)
STAR	PARCH (RNAV)	6	KJFK	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 46

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

AIRSPACE DOCKET: REMOVED 22-AEA-21.

HOLDING: REMOVED PAT 4 AND ALL ASSOCIATED DATA - IN CONJUNCTION WITH ROBER STAR REMOVAL.

FIX USE: CHANGED KPSM TANKR DP TO TANKER. REMOVED J573 - AIRWAY CANCELED 11-03-2022. ADDED KLCI ILS OR LOC RWY 8. REMOVED ROBER STAR AT KFRG AND KJFK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 09/05/2024

OFFICE: AVJ-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: NILUW

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 432852.19N/0714318.57W

TYPE: 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	FAC FEET	MRA	MAA
1	LACONIA	I-LCI	LOC/DME		263.54	247.54	14.99	14.99		4200	5000
2	CONCORD	CON	VOR/DME	L	352.82	337.82	16.94	16.94		4200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LACONIA (FAC 1) AND CONCORD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8	1, 2		KLCI	LACONIA	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/31/2020

REASON FOR REVISION:

MOVED FIX 446.65 FEET SOUTHWEST (FROM 432853.89N/0714312.98W TO 432852.19N/0714318.570W) - IAW 8260.3D SEGMENT LENGTH REQUIREMENTS.

REMOVED LEB VOR/DME (FAC 3) FROM FIX USE AND FIX MAKEUP FACILITIES - VOR/DME DECOMMISSIONED.

REMOVED FAC 1: DME ANTENNA COORDINATES: 433434.55N/0712415.33W FROM REMARKS - NOT REQUIRED BY 8260.19H.

ADDED DME DISTANCE FROM CON VOR/DME - ADDED FOR INCREASED ACCURACY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZBW
ATC FACILITY: BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WILVI

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 433110.69N/0713541.91W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LACONIA	I-LCI	LOC/DME		263.54	247.54	8.99	8.99	54616	3100	5000
2	CONCORD	CON	VOR/DME	L	012.29	357.29		18.01		3100	5000

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

LACONIA (FAC 1) AND CONCORD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8	1, 2		KLCI	LACONIA	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/31/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZBW
ATC FACILITY: BOS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: YURUN

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 433231.62N/0713114.03W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LACONIA	I-LCI	LOC/DME		263.54	247.54	5.47	5.47		1880	5000

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 8	1		KLCI	LACONIA	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/31/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TAYLOR GIBSON

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: ATL
ARTCC: ZBW
ATC FACILITY: BOS APP CON
OTHER: