

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: ELHOY STATE: NH COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434911.41N/0720508.40W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 25			KLEB	LEBANON	NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. DELETED FIX MAKE-UP FACILITY #1 - ROMRE.
2. CHANGED FIX USE TITLE FROM "LEBANON MUNI - RNAV (GPS) RWY 25" TO RNAV (GPS) RWY 25.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 06/21/2017	OFFICE: AJV-5433	NAME: DAVID TEFFETELLER (JAMES LAFFERTY)
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: LEB TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MONTPELIER VOR/DME

STATE: VT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 440507.72N/0722657.71W

TYPE:

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 FEET	MRA	MAA
1	MONTPELIER	MPV	VOR/DME	VL						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	N		WP	345.46	165.46	R	5	5200 14000	6 13
2	N	MPV	VOR/DME	345.46	165.46	R	1	5200 14000	5 13
3	N		WP	001.95	181.95	R	5	5100 14000	6 13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	440845.00N/0723709.00W	2651	4E
1	310	AAO	441100.00N/0722021.00W	3360	4E
2	200	AAO	440845.00N/0723709.00W	2561	4E
2	310	AAO	441100.00N/0722030.00W	3284	4E
3	200	AAO	440751.00N/0722212.00W	2661	4E
3	310	AAO	442406.00N/0723836.00W	3803	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	110
1	310	200
2	310	170
3	200	110
3	310	150

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 17	KMPV	BARRE/MONTPELIER	VT (US)
2	ILS OR LOC RWY 17	KMPV	BARRE/MONTPELIER	VT (US)
3	RNAV (GPS) RWY 35	KMPV	BARRE/MONTPELIER	VT (US)

REMARKS:

PRECIPITOUS TERRAIN ELEVATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 16W/1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PORTLAND			KPWM	PORTLAND	ME (US)
DP	TAKEOFF MINIMUMS			5B9	HAVERHILL	NH (US)
DP	TAKEOFF MINIMUMS			KMPV	BARRE/MONTPELIER	VT (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	T393					(US)
IAP	RNAV (GPS) RWY 19			5B9	HAVERHILL	NH (US)
IAP	RNAV (GPS) RWY 25			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 7			KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) Y RWY 10			KHIE	WHITEFIELD	NH (US)
IAP	RNAV (GPS) Z RWY 10			KHIE	WHITEFIELD	NH (US)
IAP	ILS OR LOC RWY 17		2	KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 17		1	KMPV	BARRE/MONTPELIER	VT (US)
IAP	RNAV (GPS) RWY 35		3	KMPV	BARRE/MONTPELIER	VT (US)
IAP	ILS OR LOC RWY 15			KBTV	BURLINGTON	VT (US)
IAP	ILS OR LOC RWY 33			KBTV	BURLINGTON	VT (US)
IAP	RNAV (GPS) RWY 2			KCDA	LYNDONVILLE	VT (US)
IAP	RNAV (GPS)-A			KMVL	MORRISVILLE	VT (US)
IAP	ILS Y OR LOC Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	ILS Z OR LOC Z RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Y RWY 19			KRUT	RUTLAND	VT (US)
IAP	RNAV (GPS) Z RWY 19			KRUT	RUTLAND	VT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED VOR CLASS FROM H TO VL (COMPONENT CHANGED FROM DME TO VOR) AND ADDED MAA 17500
2. FIX USE: CHANGED IAP ILS OR LOC/DME RWY 33 TO ILS OR LOC RWY 33 AT KBTX, AND DELETED VOR RWY 19 AT KFSO

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A432

NAME: APRIL SARMENTO**APPROVED BY:****DATE:** 05/10/2024**OFFICE:** AJV-A432**NAME:** CASIMIR TABAKA**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: ROMRE

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434452.95N/0720138.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT
KLEB

CITY
LEBANON

STATE
NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. DELETED FIX MAKE-UP FACILITY #1 - KLEB R25.
2. CHANGED FIX USE TITLE FROM "LEBANON MUNI - RNAV (GPS) RWY 25" TO RNAV (GPS) RWY 25.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/21/2017

OFFICE: AJV-5433

NAME: DAVID TEFFETELLER (JAMES LAFFERTY)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: LEB TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SHYMO

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434149.10N/0720847.82W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT
KLEB

CITY
LEBANON

STATE
NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. DELETED FIX MAKE-UP FACILITY #1 - KLEB R25.
2. CHANGED FIX USE TITLE FROM "LEBANON MUNI - RNAV (GPS) RWY 25" TO RNAV (GPS) RWY 25.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/21/2017

OFFICE: AJV-5433

NAME: DAVID TEFFETELLER (JAMES LAFFERTY)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: LEB TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WEBIN

STATE: NH

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434018.38N/0721219.21W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 25

FAC

PAT

AIRPORT IDENT
KLEB

CITY
LEBANON

STATE
NH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/12/2017

REASON FOR REVISION:

1. DELETED FIX MAKE-UP FACILITY #1 - KLEB R25.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/21/2017

OFFICE: AJV-5433

NAME: DAVID TEFFETELLER (JAMES LAFFERTY)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZBW
ATC FACILITY: LEB TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIECH

STATE: VT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 434958.39N/0721814.50W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX RESTRICTIONS:

MCA T393 4100 NORTHBOUND

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	S		WP	173.54	353.54	R		4	4000	6000	5	14

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	434406.00N/0720827.00W	2504	4B
1	310	AAO	434930.00N/0720212.00W	3435	4B

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	130
1	200	100

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 25	KLEB	LEBANON	NH (US)
1	RNAV (GPS) RWY 7	KLEB	LEBANON	NH (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T393					(US)
IAP	RNAV (GPS) RWY 25		1	KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 36		1	KLEB	LEBANON	NH (US)
IAP	RNAV (GPS) RWY 7		1	KLEB	LEBANON	NH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

1. CHANGED PAT 1 MAX TEMPLATE FROM "6" TO "14".
2. CHANGED PAT 1 CONTROLLING OBSTRUCTION FROM " AAO, 434406.00N/0720824.00W, 2517, 4E" TO " AAO, 434406.00N/0720827.00W, 2504, 4B".
3. ADDED PAT 1 310 CONTROLLING OBSTRUCTION "AAO, 434930.00N/0720212.00W, 3435, 4B".
4. ADDED "310, 130 AND 200, 100" TO PRECIPITOUS TERRAIN ADDITIONS.
5. ADDED "RNAV (GPS) RWYS 7, 25 AT KLEB" TO PROCEDURES REQUIRING CLIMB-IN-HOLD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: