



Flight Plan & Site Survey

Created using **RPAS Wilco**®

Reference No:	4D623B
Title:	Mission 07-14-2024
Pilot Name:	Robert Davidson
Pilot Certificate:	PC2323034523
Flight Start:	July 14, 2024 8:54 PM
Flight End:	July 14, 2024 11:59 PM
Flight Area (Latitude):	49° 43' 39.69" N (49.728)
Flight Area (Longitude):	115° 47' 2.16" W (-115.784)
Altitude - Radius:	Alt: 400 ft - Rad: 1852.0 m (1.0 nm)
Classification:	UNCONTROLLED
FIR - Contact:	CZVR - 506-867-9086

Please ensure you received all required authorizations prior to flight.

Disclaimer

This Site Survey was created using RPAS Wilco by AIM Robotics. The flight plan contained is intended only for RPAS flights on the date/time and location specified. The user accepts all responsibility for the accuracy and completeness of the information contained.

For the complete Terms & Conditions, see

<https://rpswilco.com/#/tnc>

Included

- Site Survey
- Obstacles (if available)
- Nearby Aerodromes
- Canadian Aviation Regulations
- GFA
- Aerodrome Supplements
 - METAR & TAF (if available)
 - NOTAMS
 - CFS





Flight Map



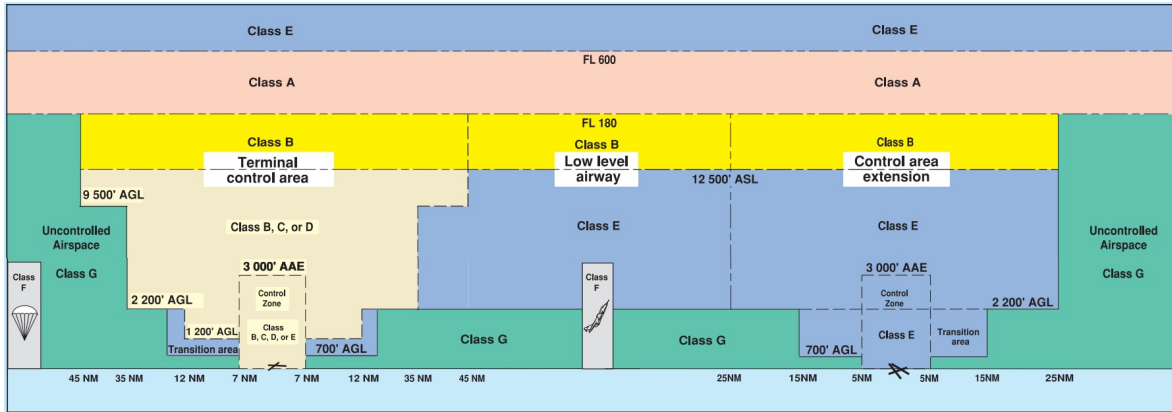
RPAS Specification

- **Manufacturer:**
E-Flite
- **Model:**
Carbon Z Cub 2.1m (carbon Cub)
- **Registration Number:**
C-2415550069
- **Eligible for advanced operations:**
No
- **Manufacturer RPAS safety assurance:**
 - Controlled Airspace: N/A
 - Near People: N/A
 - Over People: N/A

MAP Details

		Latitude	Longitude
	MODEL	49° 43' 39.69" N (49.728)	115° 47' 2.16" W (-115.784)
	Pilot	()	()
	Payload Op.	()	()
	Observer	()	()
	Latitude		Longitude
	Latitude		Longitude

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	V112 Airway	2200AGL	12500MSL
B	V112 Airway	12500MSL	18000MSL
E	Cranbrook, BC TA	700AGL	12500MSL
B	Cranbrook, BC TA	12500MSL	18000MSL
E	Cranbrook, BC CAE	2200AGL	12500MSL
B	Cranbrook, BC CAE	12500MSL	18000MSL
E	T646 Airway	2200AGL	12500MSL
B	T646 Airway	12500MSL	18000MSL
E	T707 Airway	2200AGL	12500MSL
B	T707 Airway	12500MSL	18000MSL
E	Williams Lake, BC CAE	12500MSL	12500MSL
B	Williams Lake, BC CAE	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

CANADIAN ROCKIES (CYXC - AERODROME - Cert)	Lat: 49.612	Long: -115.782	12.865KM 6.95NM S
CRANBROOK (EAST KOOTENAY REGIONAL HOSP) (CAE2 - HELIPORT - Cert)	Lat: 49.511	Long: -115.75	24.219KM 13.08NM S

BRITISH COLUMBIA

AERODROME/FACILITY DIRECTORY

CRANBROOK / CANADIAN ROCKIES BC

CYXC

REF	N49 36 44 W115 46 55 5N 15°E (2014) UTC-7(6) Elev 3084' A5005 LO2 HI3 CAP	
OPR	Elevate Airports Inc. 250-426-7913 H24 Cert	
PF	A-1,2,6 C-5 D-3,4	
CUST	AOE/15 888-226-7277 15-23Z†	
FLT PLN	<p>FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)</p> <p>WX METAR H24. TAF H24, issue times: 01, 07, 13, 19Z.</p>	
SERVICES	After hrs call out chg may be levied for one or more svcs.	
FUEL	100LL, JA-1 (FSII avbl), SP, HPR	
OIL	65, 80, 100, Turbo 274, Multigrade	
S	1(ltd), 2,4,5,6	
SUP FL	D and A-Ice 1400-0200Z† O/T PPR 250-489-1515	
JASU	10/15	
PVT ADV	Norm Dakin Enterprises 250-489-1515; Streamline Airways 250-420-7690; Bid Air 250-426-8888	
RWY DATA	Rwy 16(164°)/34(344°) 8000x150 asphalt Thld 16 displ 780' Rwy 16 down 0.7% first 760' then up 0.8% last 7240'	
RWY CERT	Rwy 16 RVR 1200(1/4sm)/Rwy 34 RVR 1200(1/4sm) AGN IIIB	
TWY	Twy B: uncontrolled first 1473' fr apron	
APRON	Tran prkg on S side of main apron. N side of main apron rstd to sked tfc only. Itinerant pilot/pax access via gate adj to FSS bldg. No access/egress via tml bldg facility without prior appr from aprt opr.	
RCR	Opr Win maint 1630-2300Z† O/T 2 hr PN cost recovery for non-sked acft. CRFI, PLR/PCN	
LIGHTING	16-AN(TE HI) P3, 34-AO(TE HI) P3 PAPI limitation/restriction. PAPI Rwy 34 to be used only within 3NM of thld O/R thru FSS	
COMM	Comm blind spots all quads	
RADIO	122.3 262.7 PTC avbl (E) (emerg only 250-426-6312)	
RCO	Pacific rdo 123.275 (FISE) 126.7 (bcst)	
MF	rdo 122.3 5NM 6100 ASL (CAR 602.98)	
PAL	Vancouver Ctr 133.6	
NAV		
NDB	XC 242 (M) N49 40 57 W115 46 59 SKOOKUM SX 368 (M) N49 57 18 W115 47 32	
VOR/DME	YXC 112.1 Ch 58 N49 33 15 W116 05 18 (7558')	
DME	IXC 110.3 Ch 40 N49 37 06 W115 46 51 (3053')	
ILS	IXC 110.3 (Rwy 16) LOC reliable only within 10° either side of centreline.	
PRO	Rgt hand circuits Rwy 34 (CAR 602.96), left hand circuits Rwy 16. Glider activity left hand circuits Rwy 34, rgt hand circuits Rwy 16 (CAR 602.96).	
CAUTION	Numerous trees to 75 AGL E side of the apch to Rwy 16 & to within 450' either side of rwy. Hi terrain reduces operational length of Rwy 34 PAPI	

CRANBROOK (EAST KOOTENAY REGIONAL HOSP) BC (Heli)**CAE2**

REF	N49 30 42 W115 44 59 15°E (2012) UTC-7(6) Elev 3061' A5005
OPR	Interior Health Authority 250-426-5281 Cert NVG Compliant PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
COMM	COMM blind spots all quads
ATF	tfc 122.3 3NM 6100 ASL excluding Cranbrook CZ.
PRO	Arr/dep 358° fr heli, slope 16% (H1) day use only. Arr/dep 170° fr heli, slope 18% (H1) day use only. Arr/dep curved 253° to 281°, slope 12% (H2) day use only (CAR 602.96). NVG rqr'd for night use, all flt paths (CAR 602.96) 20 min PPR OPR. Advs Cranbrook rdo prior to arr/dep.
CAUTION	Numerous prkg lot lgt standards adj all quads. Trees to 150 AGL, 350' W of heli, both sides of H2 flt path.

Canadian Aviation Regulations

Division III — General Operating and Flight Rules

For full listing please visit : <https://laws-lois.justice.gc.ca/eng/regulations/SOR-96-433/FullText.html#s-901.27>

Visual Line-of-sight

- **901.11 (1)** Subject to subsection (2), no pilot shall operate a remotely piloted aircraft system unless the pilot or a visual observer has the aircraft in visual line-of-sight at all times during flight.
- **(2)** A pilot may operate a remotely piloted aircraft system without the pilot or a visual observer having the aircraft in visual line-of-sight if the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Procedures

- **901.23 (1)** No pilot shall operate a remotely piloted aircraft system unless the following procedures are established:
 - **(a)** normal operating procedures, including pre-flight, take-off, launch, approach, landing and recovery procedures; and
 - **(b)** emergency procedures, including with respect to
 - **(i)** a control station failure,
 - **(ii)** an equipment failure,
 - **(iii)** a failure of the remotely piloted aircraft,
 - **(iv)** a loss of the command and control link,
 - **(v)** a fly-away, and
 - **(vi)** flight termination.
- **(2)** If the manufacturer of the remotely piloted aircraft system provides instructions with respect to the topics referred to in paragraphs (1)(a) and (b), the procedures established under subsection (1) shall reflect those instructions.
- **(3)** No pilot shall conduct the take-off or launch of a remotely piloted aircraft unless the procedures referred to in subsection (1) are reviewed before the flight by, and are immediately available to, each crew member.
- **(4)** No pilot shall operate a remotely piloted aircraft system unless the operation is conducted in accordance with the procedures referred to in subsection (1).

Site Survey

901.27 No pilot shall operate a remotely piloted aircraft system unless, before commencing operations, they determine that the site for take-off, launch, landing or recovery is suitable for the proposed operation by conducting a site survey that takes into account the following factors:

- **(a)** the boundaries of the area of operation;
- **(b)** the type of airspace and the applicable regulatory requirements;
- **(c)** the altitudes and routes to be used on the approach to and departure from the area of operation;
- **(d)** the proximity of manned aircraft operations;
- **(e)** the proximity of aerodromes, airports and heliports;
- **(f)** the location and height of obstacles, including wires, masts, buildings, cell phone towers and wind turbines;
- **(g)** the predominant weather and environmental conditions for the area of operation; and
- **(h)** the horizontal distances from persons not involved in the operation.

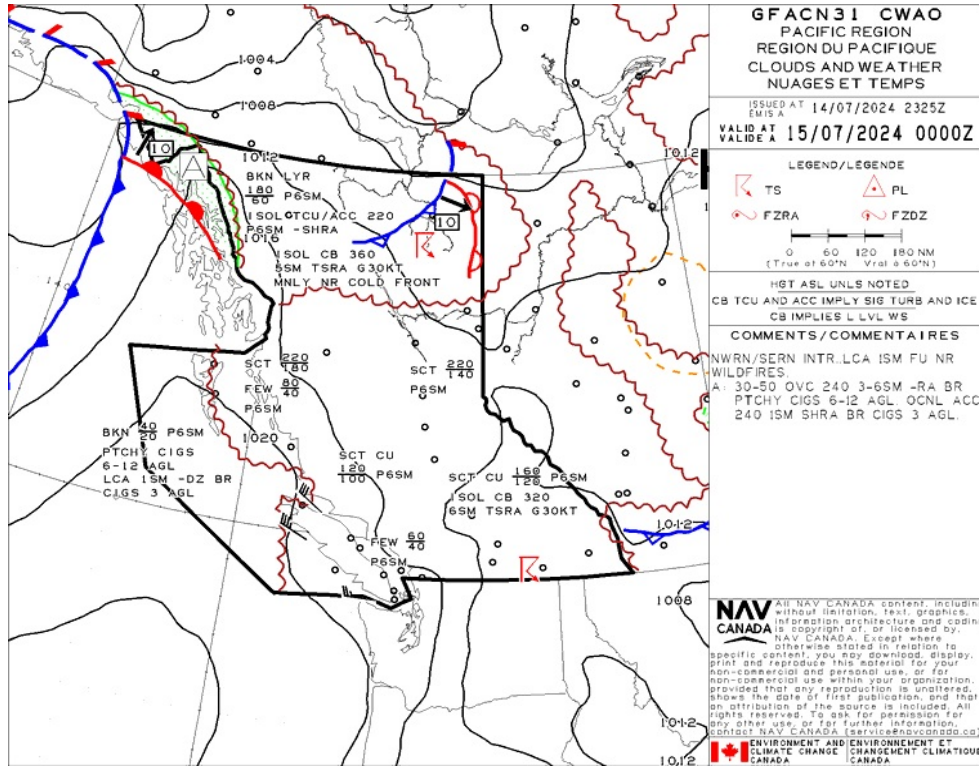
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **901.47 (1)** No pilot shall operate a remotely piloted aircraft at or near an aerodrome that is listed in the *Canada Flight Supplement* or the *Water Aerodrome Supplement* in a manner that could interfere with an aircraft operating in the established traffic pattern.
- **(2)** Subject to section 901.73, no pilot shall operate a remotely piloted aircraft at a distance of less than
 - **(a)** three nautical miles from the centre of an airport; and
 - **(b)** one nautical mile from the centre of a heliport.
- **(3)** No pilot shall operate a remotely piloted aircraft at a distance of less than three nautical miles from the centre of an aerodrome operated under the authority of the Minister of National Defence unless the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

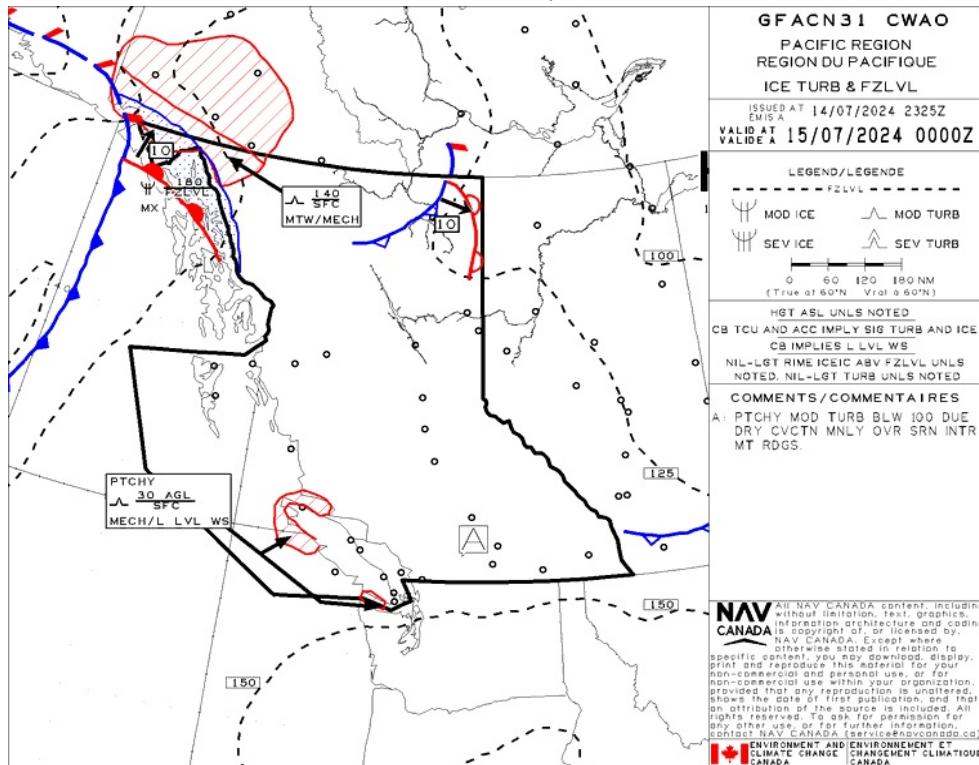
Records

- **901.48 (1)** Every owner of a remotely piloted aircraft system shall keep the following records:
 - **(a)** a record containing the names of the pilots and other crew members who are involved in each flight and, in respect of the system, the time of each flight or series of flights; and
 - **(b)** a record containing the particulars of any mandatory action and any other maintenance action, modification or repair performed on the system, including
 - **(i)** the names of the persons who performed them,
 - **(ii)** the dates they were undertaken,
 - **(iii)** in the case of a modification, the manufacturer, model and a description of the part or equipment installed to modify the system, and
 - **(iv)** if applicable, any instructions provided to complete the work.
- **(2)** Every owner of a remotely piloted aircraft system shall ensure that the records referred to in subsection (1) are made available to the Minister on request and are retained for a period of
 - **(a)** in the case of the records referred to in paragraph (1)(a), 12 months after the day on which they are created; and
 - **(b)** in the case of the records referred to in paragraph (1)(b), 24 months after the day on which they are created.
- **(3)** Every owner of a remotely piloted aircraft system who transfers ownership of the system to another person shall, at the time of transfer, also deliver to that person all of the records referred to in paragraph (1)(b).

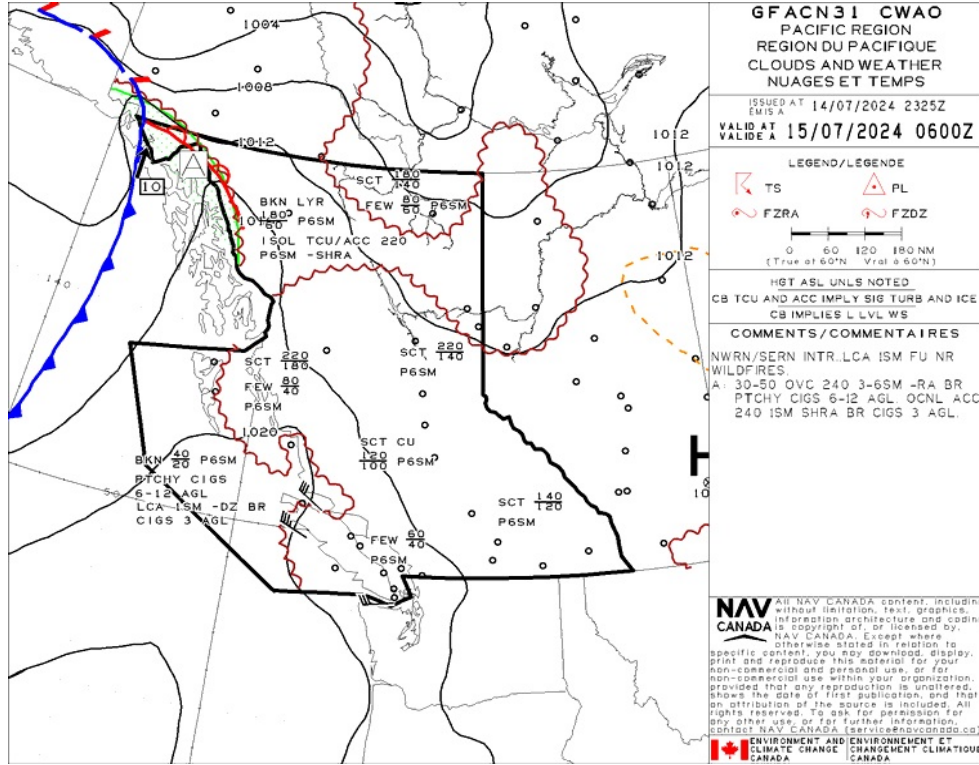
GFA Issue time + 00 hr - CLOUDS AND WEATHER



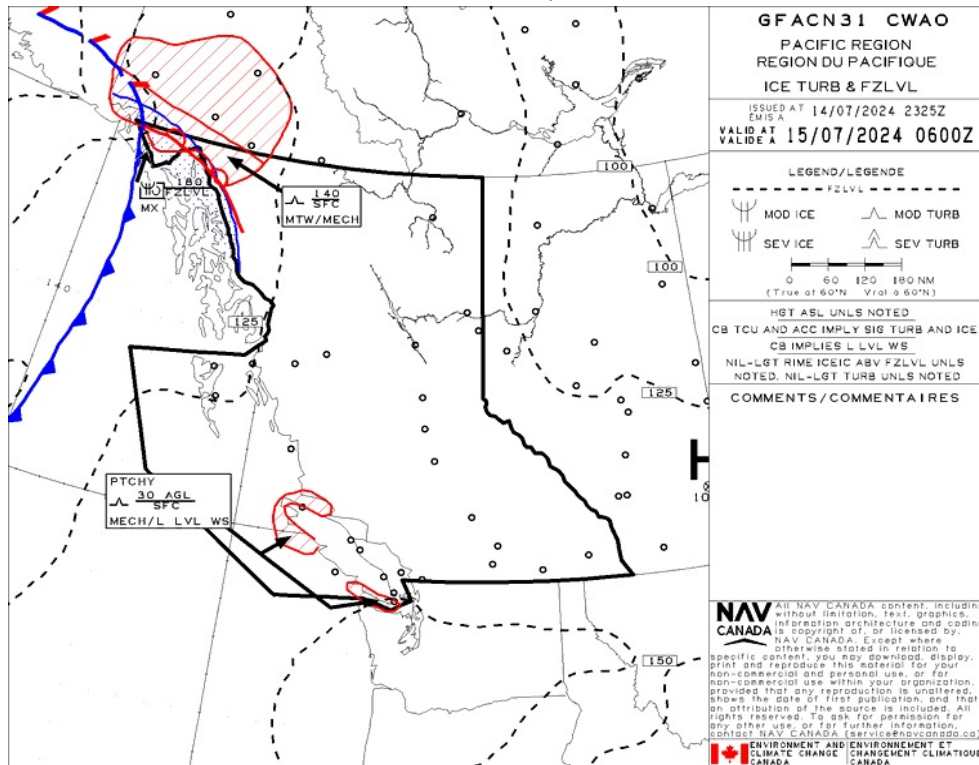
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



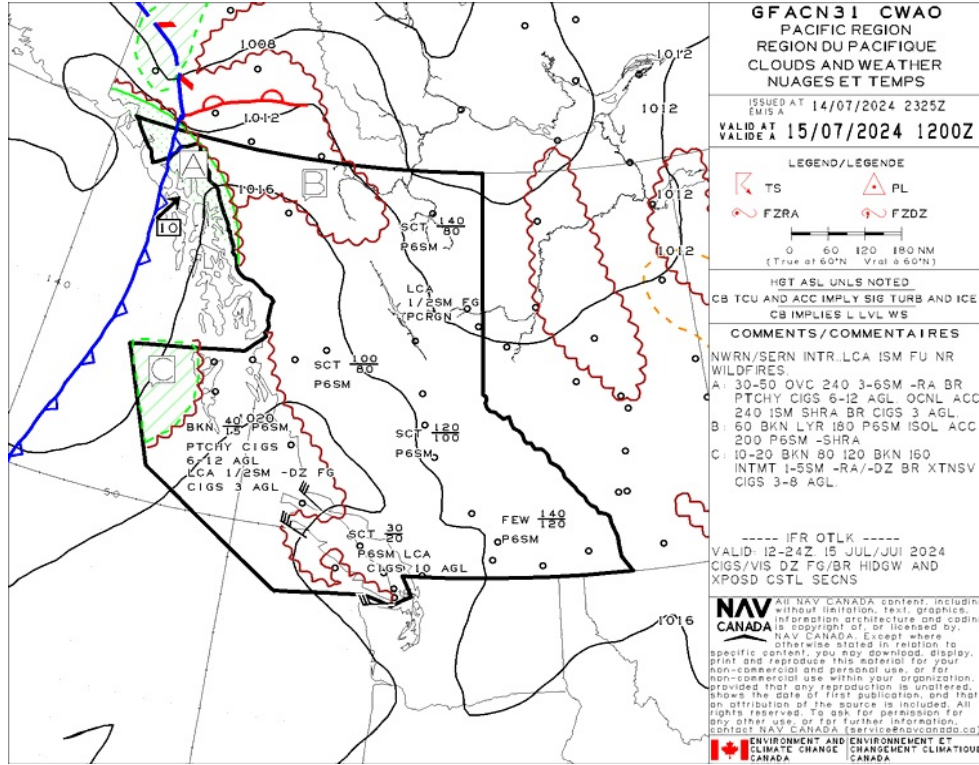
GFA Issue time + 06 hr - CLOUDS AND WEATHER



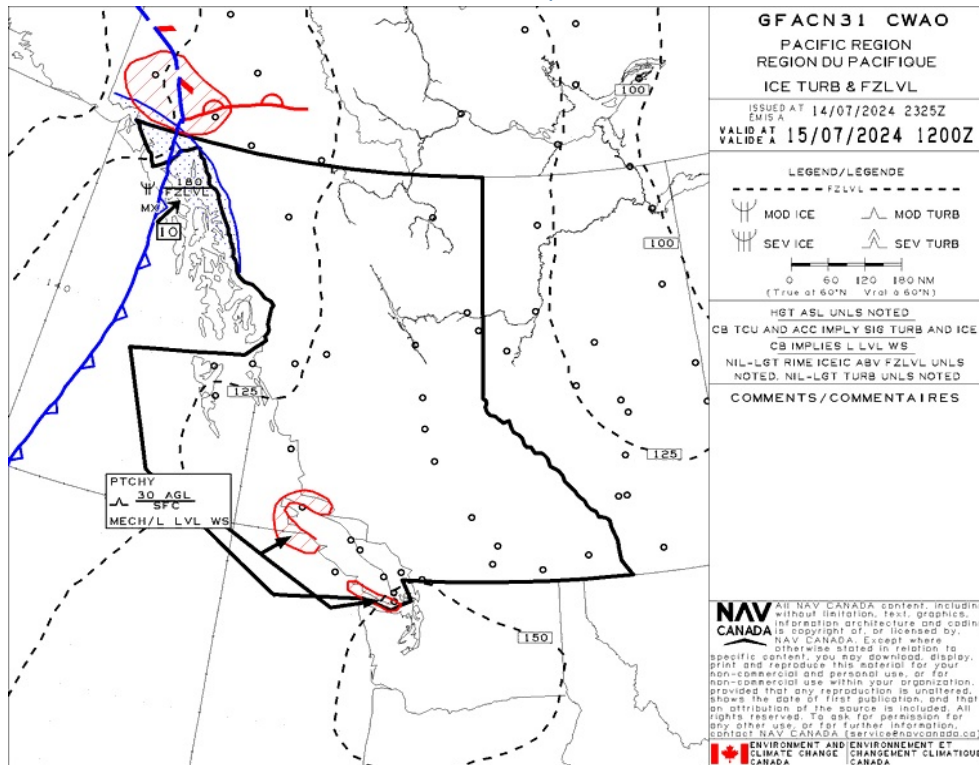
GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



GFA Issue time + 12 hr - TURBULENCE, ICING AND FREEZING LEVEL





CANADIAN ROCKIES - CYXC - Cert

METAR

METAR CYXC 150200Z 26008KT 25SM FEW090 SCT250 33/04 A2987 RMK AC2CI1 SLP090 DENSITY ALT 5900FT=

TAF

TAF CYXC 150040Z 1501/1513 24007KT P6SM SCT100 TEMPO 1501/1504 P6SM
VCTS BKN090CB
FM150600 VRB02KT P6SM FEW120
RMK NXT FCST BY 150700Z=

NOTAM

(F1964/24 NOTAMR F0992/24
Q) CZVR/QARCH/IV/BO/E/000/999/5205N12506W999
A) CZVR B) 2406261538 C) PERM
E) AMEND PUBLICATIONS: AMEND MANDATORY IFR ROUTES:
DELETE: CYXX H DEP TO CYXC RNAV HUH DAPED PETLI
DELETE: CYXX H DEP TO E RNAV HUH ALNOD IKNIX
DELETE: CYXX H DEP TO E RNAV HUH VIBTA DURVU FINBO
DELETE: CYXX H DEP TO N RNAV HUH DAPED PETLI
ADD: CYXX H DEP TO CYXC RNAV GABVO DEP DAPED PETLI
ADD: CYXX H DEP TO E RNAV GABVO DEP ALNOD IKNIX
ADD: CYXX H DEP TO E RNAV GABVO DEP VIBTA DURVU FINBO
ADD: CYXX H DEP TO N RNAV GABVO DEP DAPED PETLI)

(F1048/24 NOTAMR F0233/24
Q) CZVR/QATLT/IV/NBO/E/000/999/4912N12311W999
A) CZVR B) 2404301724 C) 2407301800EST
E) IN SUPPORT OF CYVR CALL FOR RELEASE PROGRAM:
IFR ACFT DEP FROM KBLI OR FROM WITHIN THE VANCOUVER FIR EXC CYQQ,
CYPW, CAT4, CBS8 OR CSR6 DESTINED FOR CYVR ARE REQUIRED TO CTC
TWR, FSS OR FIC 30-90MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
IFR ACFT DEP CYQQ, CYPW, CAT4, CBS8 AND CSR6 DESTINED FOR CYVR
ARE REQUIRED TO CTC CYQQ TERMINAL 250-339-8115 30-45MIN PRIOR TO
DEP FOR AN APPROVED DEP TIME.
IFR ACFT DEP CYYJ, CTC CLEARANCE DELIVERY ON FREQ 126.4MHZ
30-90MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
MEDEVAC IFR ACFT DEP FROM ALL LOCATIONS DESTINED FOR CYVR SHALL
CONTACT THE APPROPRIATE AGENCY AS SOON AS POSSIBLE AND ADVISE OF
THEIR PROPOSED DEP TIME.)

(F2011/24 NOTAMR F1392/24
Q) CZXX/QCAAS/IV/B/E/000/999/5039N11856W200
A) CZVR CZEG B) 2406281640 C) 2409272359EST
E) VANCOUVER CENTRE PERIPHERAL STATION (PAL)
381.9MHZ AT ENDERBY U/S)

(F4088/23 NOTAMN
Q) CZVR/QAFTT/IV/BO/E/000/999/5205N12506W999
A) CZVR B) 2312201501 C) 2412191600EST
E) TRIGGER NOTAM - AIP SUPPLEMENT 76/23 IN EFFECT - AUTOLAND
PROCEDURES NOT RECOMMENDED IN RUNWAYS NOT COVERED BY ISED'S
DESIGNATED 5G EXCLUSION AND PROTECTION ZONES)

(F4096/23 NOTAMN
Q) CZXX/QADTT/IV/BO/E/000/999/6650N11045W999
A) CZVR CZEG B) 2312202140 C) 2412191600EST
E) TRIGGER NOTAM - AIP SUPPLEMENT 26/18 IN EFFECT. ADJUSTMENT TO THE
CANADA AIR DEFENCE IDENTIFICATION ZONE (ADIZ).)

(F0926/24 NOTAMN
Q) CZVR/QACXX/IV/NBO/E/000/999/4957N11923W999
A) CZVR B) 2404221400 C) 2407221400EST
E) DUE TO REDUCED SYSTEM CAPACITY AND ANTICIPATED TFC DEMANDS
DURING CONST AT KELOWNA AD (CYLW)
ALL ACFT CAN EXP DEP/ARR DLA OF UP TO 30MIN AT CYLW.
IFR ACFT DESTINED FOR CYLW CAN ANTICIPATE AIRBORNE HOLDING
OF UP TO 30MIN.
IFR ACFT DEP FM WITHIN VANCOUVER FIR, SEATTLE FIR, OR
EDMONTON FIR DESTINED FOR CYLW ARE REQUIRED TO CTC TWR,
FSS OR FIC 30-90MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
VFR ACFT DESTINED FOR CYLW EXP DLA UP TO 30MIN TO ENTRY OR MAY
BE REQUESTED TO REMAIN CLR OF KELOWNA TWR CLASS D AIRSPACE.)



CRANBROOK (EAST KOOTENAY REGIONAL HOSP) - CAE2 - Cert

NOTAM

(F2011/24 NOTAMR F1392/24

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DELETE: CYXX H DEP TO E RNAV HUH ALNOD IKNIX
DELETE: CYXX H DEP TO E RNAV HUH VIBTA DURVU FINBO
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(F1048/24 NOTAMR F0233/24

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E) IN SUPPORT OF CYVR CALL FOR RELEASE PROGRAM:
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E) TRIGGER NOTAM - AIP SUPPLEMENT 26/18 IN EFFECT. ADJUSTMENT TO THE
CANADA AIR DEFENCE IDENTIFICATION ZONE (ADIZ.)

(F0926/24 NOTAMN

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A) CZVR B) 2404221400 C) 2407221400EST
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