



Flight Briefing Package

UAL371 KSEA-CYYC

13 Apr 2018 #1

OFP #1

SEATTLE-TACOMA INTL
(UNITED STATES)

-

CALGARY INTL
(CANADA)

PREPARED BY GABRIEL BAYER DA SILVA
13 APR 0706 UTC

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Fuel Planning (kg)	ICAO	Fuel	Time
TRIP		3.218	01:12
CONT 5%		185	00:05
ALTN	CYQF	715	00:18
FINAL RESV		1.107	00:30
MIN T/O		5.225	02:05
EXTRA		1.655	00:45
TAXI		120	00:10
RELEASE	KSEA	7.000	03:00
ARR FUEL	CYYC	3.602	01:33

Load Planning (kg)	UAL	Plan	Limit
Empty Weight		42.991	
Payload	169+5 Pax	16.679	
Zero Fuel Weight	Limit	59.670	61.689
Fuel		7.000	20.820
Ramp Weight		66.670	79.105
Take-Off Weight KSEA		66.550	70.115
Landing Weight CYYC		63.332	67.170
Underload		2.019	Lim ZFW
Max Extra Fuel		3.565	Lim TOW

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UNITED AIRLINES FLIGHTPLAN - IFR UAL371 UAL KSEA-CYYC

ALL WEIGHTS IN KILOGRAMS (KG)

STD 13APR/0600Z

OPF 1 - PREPARED 13APR/0706Z BY GABRIEL BAYER DA SILVA

UA371/UAL371

UAL/B737-800 CF

ROUTE: KSEACYC-MDT

DEP: KSEA/SEA 16L ELEV 433 FT COST INDEX: 35 TTL G/C DIST: 392 NM
 ARR: CYYC/YC 17R ELEV 3606 FT INIT ALT: FL370 TTL F/P DIST: 478 NM
 FUEL BIAS: 100.0% TTL AIR DIST: 465 NM
 AVG WIND CMP: TL011 KT

ALT: CYQF/YQF 17 ELEV 2968 FT 78 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	42991	169	1966	16679	2019 ZFW	MAX 61689	70115	67170
						PLN 59670	66550	63332
						ACT .....	.....	.....

**** TAKE-OFF DATA KSEA 16L ****

COND: 66550 KG // RWY DRY // +8°C Q1022 190/11 // LMT: CLIMB

CONFIG: FLAPS 10 // D-T01 +34C // A/I OFF // A/C ON

SPEEDS: V1=139 VR=140 V2=145

ENG OUT: NONE

**** LANDING DATA CYYC 17R ****

COND: 63332 KG // RWY CONTAMIN. // -3°C Q1011 160/10 // LMT: CLIMB

CONFIG: FLAPS 30 // A/I ENGINE & WING + ICE // A/C ON

SPEEDS: VREF=146 VAPP=156

ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	3218	.....	01:12	
CONT 5%	185	.....	00:05	
ALTN CYQF	715	.....	00:18	
FINAL RESV	1107	.....	00:30	
MIN T/O	5225	.....	02:05	.....
EXTRA	1655	.....	00:45	CAPTAINS SIGNATURE (....)
TAXI	120	.....	00:10	
RELEASE	7000	.....	03:00	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	3602	.....	01:33	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 20820 KG / MAX EXTRA FUEL 5220 KG LIM BY TOW

TRIP CORR FOR 1000 KG TOW INCR: +47 KG / 1000 KG TOW DECR: -34 KG

2000 FT LOWER: -4 KG / EET 01:12 CLB: 250/280/78 DES: 78/280/250

KSEA	STD 06:00Z/23:00L	ETD 06:00Z	ACT OFBL	EST T/O 06:10Z	ACT T/O
CYYC	STA 07:30Z/01:30L	ETA 07:27Z	ACT ONBL	EST LDG 07:22Z	ACT LDG
	SKD 01:30	PLN 01:27	TTL BLCK	EST FLT 01:12	TTL FLT

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ATC ROUTE: N0456F370 SEA6 SEA DCT HUH J591 ANTLR J514 CILLI Q983 NORET IGVEP4

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
CYQF/17	78	14000	093	TL004	00:18	715	-	YYC DCT YQF
CYCZ/33	100	18000	144	HD004	00:22	878	+163	YYC DCT LUMBY
CZPC/07	107	FL190	127	HD006	00:23	943	+228	YYC DCT COWLE
CYRM/31	128	FL220	106	TL007	00:26	1037	+322	YYC DCT YRM

MOST CRITICAL MORA 14400 FT AT NORET

AWY -FIR	WAYPOINT NAME	MT	ALT ISA	MSA	FREQ WIND/SPD	TAS GS	LEG REM	FUEL POSITION	REM / USED	LEG ETO /	ACC ATO
	KSEA/16L		433	092				6.9 / 0.1			
	SEATTLE-TACOMA INTL						478	N4727.8 W12218.4/.....		
SEA6	SEA	167	*CLB	092	116.80		3	6.7 / 0.4	02 00.02		
	SEATTLE			M06	212/008		476	N4726.1 W12218.5/.....		
DCT	HUH	337	*CLB	094	113.00		91	5.4 / 1.7	15 00.17		
	WHATCOM			P00	285/068		384	N4856.7 W12234.7/.....		
DCT -CZVR	*BDRY	044	*CLB	115			7	5.4 / 1.7	01 00.18		
				P02	284/063		377	N4900.0 W12225.7/.....		
J591	ANTLR	044	*CLB	115			9	5.3 / 1.8	01 00.19		
				P04	283/057		369	N4904.4 W12214.0/.....		
	*TOC	074	FL370	115		456	5	5.2 / 1.8	01 00.20		
				P04	283/055	510	363	N4904.3 W12205.8/.....		
J514	CILLI	074	FL370	115		456	28	5.1 / 1.9	03 00.23		
				P04	282/038	510	335	N4903.8 W12123.7/.....		
Q983 -CZEG	MENBO	050	FL370	140		456	219	4.0 / 3.0	28 00.51		
				P03	252/017	474	116	N5023.3 W11608.4/.....		
	*TOD	056	FL370	144		456	9	3.9 / 3.1	01 00.52		
				P03	252/017	473	108	N5026.2 W11555.5/.....		
Q983	NORET	056	*DES	144			19	3.9 / 3.1	02 00.54		
				M08	186/027		89	N5032.4 W11527.1/.....		
IGVEP4	PIBSO	056	*DES	144			8	3.9 / 3.1	01 00.55		
				M07	182/025		81	N5034.9 W11515.3/.....		
IGVEP4	AMITO	057	*DES	144			8	3.9 / 3.1	01 00.56		
				M06	177/023		73	N5037.4 W11503.3/.....		
IGVEP4	SEDEL	057	*DES	144			8	3.9 / 3.1	02 00.58		

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				M06 174/019	65	N5040.0	W11451.3/.....
IGVEP4	IGVEP	057	*DES 131		8	3.9 /	3.1	01 00.59
			M05 170/015		57	N5042.4	W11439.4/.....
IGVEP4	XUGAV	031	*DES 131		5	3.9 /	3.1	01 01.00
			M05 167/013		52	N5045.6	W11434.2/.....
IGVEP4	URVUG	031	*DES 131		4	3.9 /	3.1	00 01.00
			M05 172/011		48	N5048.4	W11429.7/.....
IGVEP4	VESGA	029	*DES 131		9	3.8 /	3.2	02 01.02
			M06 203/005		39	N5055.0	W11419.6/.....
IGVEP4	NABON	032	*DES 131		9	3.8 /	3.2	02 01.04
			M05 251/005		30	N5101.0	W11409.8/.....
IGVEP4	OVEBI	346	*DES 093		10	3.8 /	3.2	01 01.05
			M02 213/005		21	N5110.5	W11409.8/.....
IGVEP4	UBTON	346	*DES 093		8	3.8 /	3.2	02 01.07
			M05 193/004		12	N5118.8	W11409.8/.....
IGVEP4	CYYC/17R	139	3606 093		12	3.7 /	3.3	05 01.12
	CALGARY INTL					N5107.8	W11401.2/.....

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WIND INFORMATION - OBS ASKY

(CLIMB)			CILLI			MENBO			(DESCENT)		
FL360	283/062	-53	FL410	281/034	-52	FL410	266/018	-52	FL360	237/017	-55
FL290	283/083	-48	FL390	281/034	-52	FL390	266/018	-52	FL290	185/027	-50
FL210	274/051	-33	FL370	282/039	-52	FL370	252/018	-53	FL210	173/018	-32
14000	242/030	-20	FL350	283/044	-53	FL350	238/018	-55	14000	217/006	-18
7000	181/013	-4	FL330	281/047	-52	FL330	217/019	-55	7000	210/005	-4

END FLIGHTPLAN 00010 UAL371 UAL KSEA-CYYC 13APR2018

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[ATC FLIGHTPLAN]

(FPL-UAL371-IN

-B738/M-SDE1FGHIJ1RWXYZ/LB1

-KSEA0600

-N0456F370 SEA6 SEA DCT HUH J591 ANTLR J514 CILLI Q983 NORET IGVEP4

-CYYC0112 CYQF

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/180413 REG/UAL

EET/CZVR0018 CZEG0051 RVR/200 PER/C

-E/0250)

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[PLANNING WEATHER]

ORIGIN: KSEA/SEA (SEATTLE-TACOMA INTL, UNITED STATES) UTC -07:00

KSEA 130653Z 19011KT 10SM SCT044 OVC110 08/03 A3018 RMK AO2 SLP227
T00780028

KSEA 130528Z 1306/1412 20012KT P6SM FEW030 SCT060 BKN120

FM130900 18012KT P6SM SCT030 BKN040 OVC100

FM131200 18012G18KT P6SM -RA SCT025 OVC035

FM131700 18015G25KT P6SM -RA OVC022

FM132300 20017G27KT P6SM -RA OVC025

DESTINATION: CYYC/YYC (CALGARY INTL, CANADA) UTC -06:00

CYYC 130600Z 16010KT 1 1/2SM -SN BKN004 OVC008 M03/M04 A2985 RMK SN5SF1SC2
/S01/ SLP162

CYYC 130538Z 1306/1406 16010KT 2SM -SN BR BKN006 OVC020

TEMPO 1306/1315 4SM -SN BR SCT006 OVC020

PROB40 1306/1315 1/2SM FZFG VV002

FM131500 28008KT P6SM FEW008 BKN060

FM131800 32008KT P6SM FEW040

BECMG 1318/1320 16012KT

FM140200 20010KT P6SM SKC RMK NXT FCST BY 130900Z

ALTERNATE: CYQF/YQF (RED DEER REGL, CANADA) UTC -06:00

CYQF 130647Z 15011KT 12SM BKN010 OVC070 M04/M05 A2989 RMK SC5AC3 SLP169

CYQF 130538Z 1306/1318 14010KT 6SM -SN BR OVC030

TEMPO 1306/1308 2SM -SN BR OVC008

FM130800 17012KT 2SM -SN BR OVC006

TEMPO 1308/1316 6SM BR OVC012

PROB30 1308/1314 1SM -SN BR OVC003

FM131600 18006KT P6SM SCT012 BKN100

TEMPO 1316/1318 BKN012 OVC100 RMK NXT FCST BY 131200Z

ALTERNATE: CYCZ/YCZ (FAIRMONT HOT SPRINGS, CANADA) UTC -06:00

NO WX DATA AVAILABLE

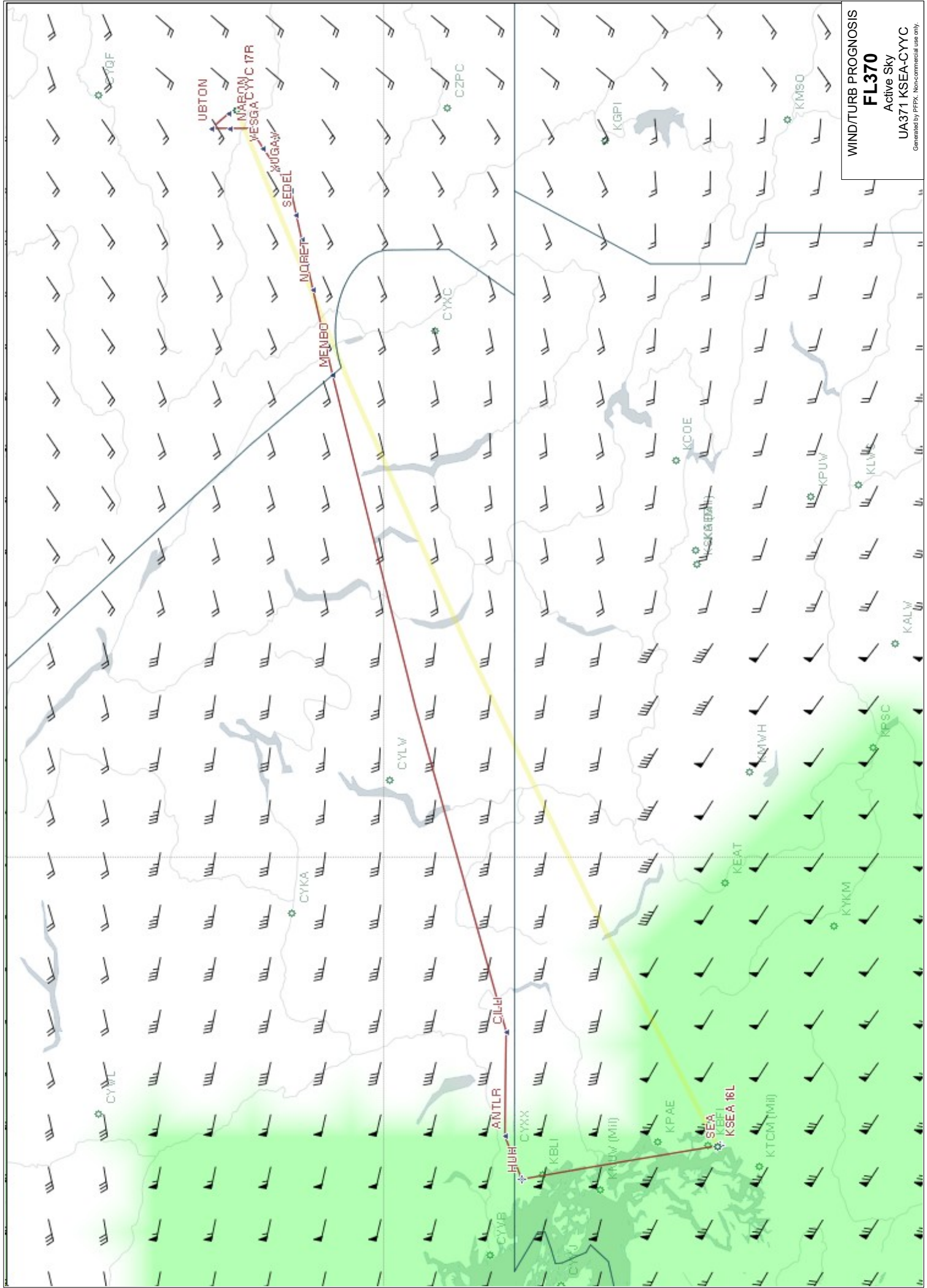
ALTERNATE: CZPC/WPC (PINCHER CREEK, CANADA) UTC -06:00

CZPC 130600Z AUTO 10006KT 1 1/4SM -SN OVC030 M04/M04 A2987 RMK SLP166

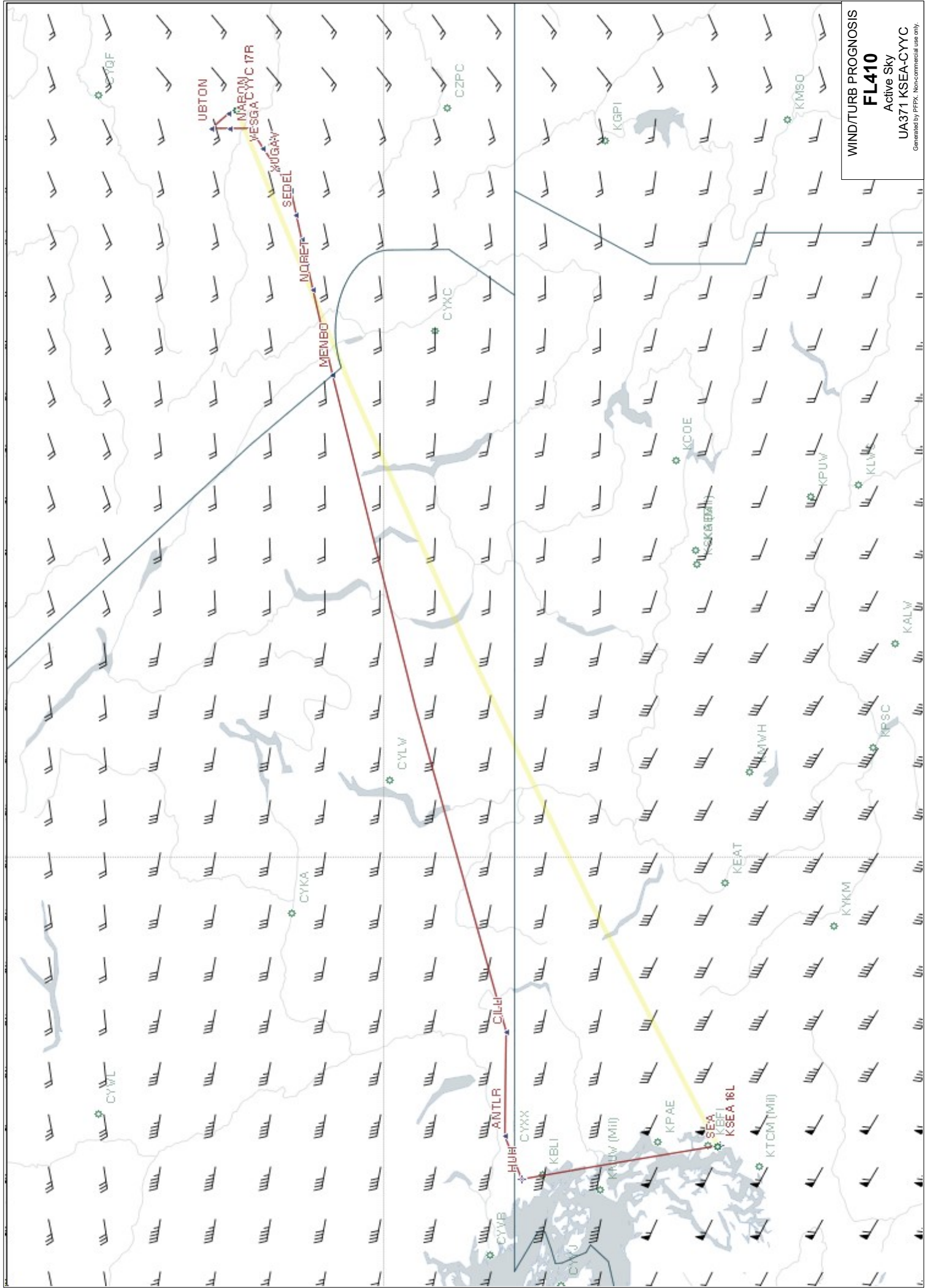
NO TAF AVAILABLE

ALTERNATE: CYRM/YRM (ROCKY MOUNTAIN HOUSE, CANADA) UTC -06:00

NO WX DATA AVAILABLE



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