



Payload 1 Daily Flight Report



Date: 2024-07-28

Flight Campaign ID: P1C1

Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK

Aircraft: N615AR

Domain: 19 (Taiga)

Sites Flown: None

Days left in Domain: NA

Report Author: Mitch

Lidar Operators: Mitch

Flight Hours: 00:00

Spectrometer Operators: John Hours until maintenance: 87.60

Pilots: Will, Jeff

Summary

The flight crew had thought we had found a break in the abysmal weather to take off and depart Fairbanks this afternoon. However after engine starts and during taxi, the right engine oil pressure gauge failed checks. Despite this likely just being a relay issue, this grounds the Twin Otter until the gauge is operating nominally again. Pilots tried to troubleshoot on the ground with a local aircraft mechanic assisting and TOIL mechanics helping over the phone, however it was determined that a new oil pressure transducer is needed to fix the problem. A new transducer is being overnighted from Grand Junction, but likely won't arrive until Tuesday, making Tuesday afternoon the earliest we could potentially depart Fairbanks. This assumes that installation goes smoothly and weather cooperates.

Concerns

None

Comments

None

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46														

Flown: 100% (46/46)

Green: 0% (0/46)

Yellow: 76% (35/46)

Red: 24% (11/46)

D19|DEJU (Delta Junction)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21																			

Flown: 100% (21/21)

Green: 33% (7/21)

Yellow: 67% (14/21)

Red: 0% (0/21)

D19|HEAL (Healy)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33							

Flown: 100% (33/33)
 Green: 0% (0/33)
 Yellow: 15% (5/33)
 Red: 85% (28/33)

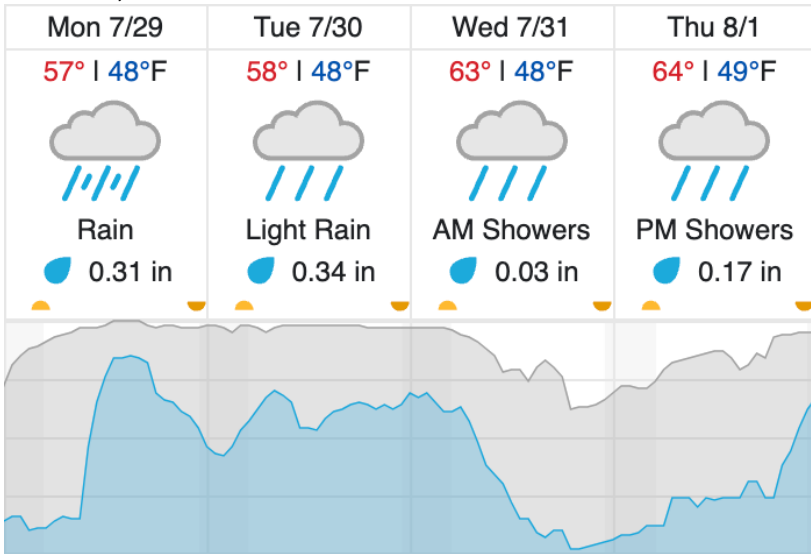
D19|N19A (D19 Nominal Runway)

1	2
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Flown: 100% (2/2)
 Green: 0% (0/2)
 Yellow: 100% (2/2)
 Red: 0% (0/2)

Weather Forecast

Fairbanks, AK



Cloud Cover (%)	Chance of Precip. (%)
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source: wunderground.com

Flight Collection Plan for July 29, 2024

No flights planned; Twin Otter grounded

Crew: Mitch