

ATom - DC-8 10/25/17 Science Report

Aircraft: [DC-8 - AFRC](#) (See full schedule)

Date: Wednesday, October 25, 2017

Mission: ATom

Mission Summary:

BANGOR-ANCHORAGE ATom III Report

Submitted by: Erin Czech on 05/29/18

File:

 [BANGOR-ANCHORAGE ATom III Report.pdf](#)

Related Flight Report:

DC-8 10/25/17

Flight Number: 1233

Payload Configuration: ATom-3 configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIM, HR-AMS, ISAF, Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP, TOGA, UCATS, WAS

Nav Data Collected: Yes

Total Flight Time: 9.6 hours

Archive Data: [20171025](#) (77 archive (plain-text) files; 4 binary files)

Submitted by: Timothy Moes on 10/26/17

Flight Segments:

From:	KBGR - Bangor International	To:	PANC - Anchorage International
Start:	10/25/17 14:02 Z	Finish:	10/25/17 23:35 Z
Flight Time:	9.6 hours		
Log Number:	188001	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	ATom-3 Science Flight RF12 KBGR-PANC. Completed 7 vertical profile maneuvers including a low-approach over the Deadhorse Airport runway at Prudhoe Bay. Max Latitude was 80 deg N. CAFS zenith sensor was INOP the whole flight. Other than that, the science instruments did well and the aircraft returned in good shape. Troubleshooting of the CAFS instrument will occur tomorrow.		

Flight Hour Summary:

	188001
Flight Hours Approved in SOFRS	107.6
Total Used	103.5
Total Remaining	4.1

188001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/01/17 - 10/02/17	1223	Science	10	10	97.6	
10/04/17 - 10/05/17	1224	Science	7.4	17.4	90.2	
10/06/17 - 10/07/17	1225	Science	8.9	26.3	81.3	
10/09/17 - 10/10/17	1226	Science	9.2	35.5	72.1	

10/12/17 - 10/13/17	1227	Science	9.9	45.4	62.2
10/14/17	1228	Science	10.7	56.1	51.5
10/17/17	1229	Science	9.5	65.6	42
10/19/17	1230	Science	4.6	70.2	37.4
10/20/17	1231	Science	7.7	77.9	29.7
10/23/17	1232	Science	9.5	87.4	20.2
10/25/17	1233	Science	9.6	97	10.6
10/27/17 - 10/28/17	1234	Science	6.5	103.5	4.1

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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