

DC-8 02/01/17 - 02/02/17

Aircraft:

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

Flight Number:

1173

Payload Configuration:

ATom-2 Configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, COLAS, DLH, GT-CIMS, HR-AMS, ISAF, Medusa, MMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UCATS, WAS

Nav Data Collected:

Yes

Archive Data:

[20170201](#) (70 archive (plain-text) files; 4 binary files)

Total Flight Time:

8.2 hours

Submitted by:

Timothy Moes on 02/02/17

Flight Segments:

From:	PANC - Anchorage, AK	To:	PHKO - Kona, HI
Start:	02/01/17 20:09 Z	Finish:	02/02/17 04:20 Z
Flight Time:	8.2 hours		
Log Number:	178001	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	<p>Good Flight. This leg was completed between Anchorage, AK and Kona, HI. It included a low-approach at Cold Bay, AK followed by 4 vertical profile maneuvers. The desired flight path was a direct route from Cold Bay to Kona. However, military activity North of Kona required us to fly a more Easterly track. Towards the end of our flight, we had to shut down an air conditioning pack. At that point, we decided to RTB and did not complete the planned MMS maneuver. The science instruments all worked well on the flight. The aircraft landed with one failed A/C Pack which is a downing item. MX will troubleshoot. We do have a spare that will hopefully put the aircraft back in flightworthy condition.</p>		

Flight Hour Summary:

	178001
Flight Hours Approved in SOFRS	106
Total Used	107.1
Total Remaining	-1.1

178001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/11/17	1166	Check	1.2	1.2	104.8	
01/11/17	1167	Check	3.8	5	101	
01/24/17 - 01/25/17	1170	Check	7.2	12.2	93.8	
01/26/17 - 01/27/17	1171	Science	10.4	22.6	83.4	
01/29/17 - 01/30/17	1172	Science	9.7	32.3	73.7	
02/01/17 - 02/02/17	1173	Science	8.2	40.5	65.5	
02/03/17 - 02/04/17	1174	Science	9.5	50	56	
02/05/17 - 02/06/17	1175	Science	8.6	58.6	47.4	

02/10/17 - 02/11/17	1176	Science	9.9	68.5	37.5
02/13/17	1177	Science	9	77.5	28.5
02/15/17	1178	Science	8.7	86.2	19.8
02/18/17	1179	Science	7.5	93.7	12.3
02/19/17 - 02/20/17	1180	Science	7.6	101.3	4.7
02/21/17	1181	Science	5.8	107.1	-1.1

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.

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