

## DC-8 01/24/17 - 01/25/17

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

**Flight Number:** 1170

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

**Nav Data Collected:** Yes

**Archive Data:** [20170124](#) (4 binary files; 32 archive (plain-text) files; 1 image file)

**Total Flight Time:** 7.2 hours

**Submitted by:** Timothy Moes on 01/31/17

**Flight Segments:**

<b>From:</b>	KPMD	<b>To:</b>	KPMD
<b>Start:</b>	01/24/17 17:24 Z	<b>Finish:</b>	01/25/17 00:36 Z
<b>Flight Time:</b>	7.2 hours		
<b>Log Number:</b>	<a href="#">178001</a>	<b>PI:</b>	Steven Wofsy
<b>Funding Source:</b>	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
<b>Purpose of Flight:</b>	Check		
<b>Comments:</b>	Good Flight. This was the 2nd science instrument check flight. Completed all planned vertical profiles (5 total). Completed MMS maneuver at 12kft and low-approach at EDW AFB R/W 22 to compare with EDW TCCON site. Science instruments performed well. Aircraft returned in good shape except HF#1 transmit is inoperative.		

**Flight Hour Summary:**

	<b>178001</b>
<b>Flight Hours Approved in SOFRS</b>	106
<b>Total Used</b>	107.1
<b>Total Remaining</b>	-1.1

**178001 Flight Reports**

<b>Date</b>	<b>Flt #</b>	<b>Purpose ofFlight</b>	<b>Duration</b>	<b>Running Total</b>	<b>Hours Remaining</b>	<b>Miles Flown</b>
<a href="#">01/11/17</a>	1166	Check	1.2	1.2	104.8	
<a href="#">01/11/17</a>	1167	Check	3.8	5	101	
<a href="#">01/24/17 - 01/25/17</a>	1170	Check	7.2	12.2	93.8	
<a href="#">01/26/17 - 01/27/17</a>	1171	Science	10.4	22.6	83.4	
<a href="#">01/29/17 - 01/30/17</a>	1172	Science	9.7	32.3	73.7	
<a href="#">02/01/17 - 02/02/17</a>	1173	Science	8.2	40.5	65.5	
<a href="#">02/03/17 - 02/04/17</a>	1174	Science	9.5	50	56	
<a href="#">02/05/17 - 02/06/17</a>	1175	Science	8.6	58.6	47.4	
<a href="#">02/10/17 - 02/11/17</a>	1176	Science	9.9	68.5	37.5	
<a href="#">02/13/17</a>	1177	Science	9	77.5	28.5	
<a href="#">02/15/17</a>	1178	Science	8.7	86.2	19.8	
<a href="#">02/18/17</a>	1179	Science	7.5	93.7	12.3	
<a href="#">02/19/17 - 02/20/17</a>	1180	Science	7.6	101.3	4.7	
<a href="#">02/21/17</a>	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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NASA Official: Bruce A. Tagg

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