

## DC-8 02/21/17

**Aircraft:**

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

**Flight Number:**

1181

**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:**

[20170221](#) (69 archive (plain-text) files; 4 binary files)

**Total Flight Time:**

5.8 hours

**Submitted by:**

Timothy Moes on 02/21/17

**Flight Segments:**

<b>From:</b>	PANC - Anchorage Intn'l	<b>To:</b>	KPMD - Palmdale, CA
<b>Start:</b>	02/21/17 18:01 Z	<b>Finish:</b>	02/21/17 23:49 Z
<b>Flight Time:</b>	5.8 hours		
<b>Log Number:</b>	<a href="#">178001</a> - Completed as of this flight.	<b>PI:</b>	Steven Wofsy
<b>Funding Source:</b>	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Good Flight. This leg was completed between Anchorage Intn'l and Palmdale. All four planned vertical profile maneuvers (VPM) and an MMS maneuver at 36kft were accomplished . All science instruments performed well and the aircraft arrived in good shape. This completes a very successful ATom-2 science campaign.		

**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**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<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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