

## DC-8 10/12/17 - 10/13/17

**Aircraft:**

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

**Flight Number:**

1227

**Payload Configuration:**

ATom-3 configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIMS, HR-AMS, ISAF, Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UCATS, WAS

**Nav Data Collected:**

Yes

**Archive Data:**

[20171011](#) (75 archive (plain-text) files; 4 binary files)

**Total Flight Time:**

9.9 hours

**Submitted by:**

Timothy Moes on 10/15/17

**Flight Segments:**

<b>From:</b>	NZCH - Christchurch International	<b>To:</b>	SCCI - Punta Arenas International
<b>Start:</b>	10/12/17 17:57 Z	<b>Finish:</b>	10/13/17 03:50 Z
<b>Flight Time:</b>	9.9 hours		
<b>Log Number:</b>	<a href="#">188001</a>	<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>	ATom-3 Science Flight RF06 NZCH-SCCI. This very successful flight included 6.5 vertical profile maneuvers. With the exception of PALMS which broke early in the flight, the science instruments did well. The aircraft arrived in Punta Arenas in good shape.		

**Flight Hour Summary:**

	<b>188001</b>
<b>Flight Hours Approved in SOFRS</b>	107.6
<b>Total Used</b>	103.5
<b>Total Remaining</b>	4.1

**188001 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/01/17 - 10/02/17</a>	1223	Science	10	10	97.6	
<a href="#">10/04/17 - 10/05/17</a>	1224	Science	7.4	17.4	90.2	
<a href="#">10/06/17 - 10/07/17</a>	1225	Science	8.9	26.3	81.3	
<a href="#">10/09/17 - 10/10/17</a>	1226	Science	9.2	35.5	72.1	
<a href="#">10/12/17 - 10/13/17</a>	1227	Science	9.9	45.4	62.2	
<a href="#">10/14/17</a>	1228	Science	10.7	56.1	51.5	
<a href="#">10/17/17</a>	1229	Science	9.5	65.6	42	
<a href="#">10/19/17</a>	1230	Science	4.6	70.2	37.4	
<a href="#">10/20/17</a>	1231	Science	7.7	77.9	29.7	
<a href="#">10/23/17</a>	1232	Science	9.5	87.4	20.2	
<a href="#">10/25/17</a>	1233	Science	9.6	97	10.6	
<a href="#">10/27/17 - 10/28/17</a>	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.*

**Related Science Report:**

## **ATom - DC-8 10/12/17 Science Report**

**Mission:**

ATom

**Mission Summary:**

CHC-PUQ ATom III Report

**File:**

[CHC-PUQ ATom III Report.pdf](#)

**Submitted by:**

Erin Czech on 05/29/18

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