

## DC-8 07/29/16

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

Flight Number: 1121

Payload Configuration: ATom-1 Configuration

Nav Data Collected: Yes

Archive Data: [20160729](#) (7 binary files; 75 archive (plain-text) files; 1 image file)

Total Flight Time: 9.4 hours

Submitted by: Timothy Moes on 08/02/16

### Flight Segments:

<b>From:</b>	KPMD	<b>To:</b>	KPMD
<b>Start:</b>	07/29/16 14:33 Z	<b>Finish:</b>	07/29/16 23:56 Z
<b>Flight Time:</b>	9.4 hours		
<b>Log Number:</b>	<a href="#">168002</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>	The flight was very successful for science. This included 7 vertical profiles as planned and MMS maneuvers at 1000 ft. We had good success using CPDLC with Oceanic ATC getting IFR block altitudes and leaving and re-entering IFR controlled airspace at the lower altitudes. With the exception of the 1st descent thwarted by low clouds, we were able to obtain the desired low altitude (500 ft) sampling altitude. The aircraft and science instruments returned in good shape.		

### Flight Hour Summary:

	<b>168002</b>
<b>Flight Hours Approved in SOFRS</b>	104.1
<b>Total Used</b>	107.5
<b>Total Remaining</b>	-3.4

### 168002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">07/11/16</a>	1113	Check	1.5	1.5	102.6	
<a href="#">07/12/16</a>	1114	Check	3.9	5.4	98.7	
<a href="#">07/18/16</a>	1116	Check	1.4	6.8	97.3	
<a href="#">07/19/16</a>	1117	Check	1.1	7.9	96.2	
<a href="#">07/20/16</a>	1118	Check	1	8.9	95.2	
<a href="#">07/26/16 - 07/27/16</a>	1119	Check	6.5	15.4	88.7	
<a href="#">07/28/16</a>	1120	Check	0.8	16.2	87.9	
<a href="#">07/29/16</a>	1121	Science	9.4	25.6	78.5	
<a href="#">08/01/16 - 08/02/16</a>	1122	Science	10.2	35.8	68.3	
<a href="#">08/03/16 - 08/04/16</a>	1123	Science	7.3	43.1	61	
<a href="#">08/06/16 - 08/07/16</a>	1124	Science	8.6	51.7	52.4	
<a href="#">08/08/16 - 08/09/16</a>	1125	Science	6.6	58.3	45.8	
<a href="#">08/12/16 - 08/13/16</a>	1126	Science	10.6	68.9	35.2	
<a href="#">08/15/16</a>	1127	Science	9.4	78.3	25.8	
<a href="#">08/17/16</a>	1128	Science	8.5	86.8	17.3	
<a href="#">08/20/16</a>	1129	Science	9.8	96.6	7.5	
<a href="#">08/22/16</a>	1130	Science	6	102.6	1.5	

[08/23/16](#)

1131

Science

4.9

107.5

-3.4

*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: Katja Drdla

NASA Official: Marilyn Vasques

---

**Source URL:** [https://espoarchive.nasa.gov/flight\\_reports/DC-8\\_07\\_29\\_16#comment-0](https://espoarchive.nasa.gov/flight_reports/DC-8_07_29_16#comment-0)