

DC-8 08/01/16 - 08/02/16

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

Flight Number: 1122

Payload Configuration: ATom-1 Configuration

Nav Data Collected: Yes

Archive Data: [20160801](#) (4 binary files; 71 archive (plain-text) files; 2 image files)

Total Flight Time: 10.2 hours

Submitted by: Timothy Moes on 08/02/16

Flight Segments:

From:	KPMD	To:	PANC
Start:	08/01/16 14:30 Z	Finish:	08/02/16 00:39 Z
Flight Time:	10.2 hours		
Log Number:	168002	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	This was a successful science flight. We obtained one very successful vertical profile down to 500 ft over the arctic ocean. Clouds prevented completion of two additional planned profiles. We successfully flew planned low approaches over Prudhoe Bay and Fairbanks Intn'l airfields and we accomplished an MMS set of maneuver at FL230 and Mach 0.7. The aircraft and science instruments made it to PANC in good shape.		

Flight Hour Summary:

	168002
Flight Hours Approved in SOFRS	104.1
Total Used	107.5
Total Remaining	-3.4

168002 Flight Reports

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

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