

DC-8 08/23/16

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

Flight Number: 1131

Payload Configuration: ATom-1 Configuration

Nav Data Collected: Yes

Archive Data: [20160823](#) (6 binary files; 71 archive (plain-text) files; 2 image files)

Total Flight Time: 4.9 hours

Submitted by: Timothy Moes on 08/24/16

Flight Segments:

From:	KMPS (Minneapolis - St. Paul Intn'l Airport)	To:	KPMD (Palmdale, CA)
Start:	08/23/16 15:05 Z	Finish:	08/23/16 20:00 Z
Flight Time:	4.9 hours		
Log Number:	168002 - Completed as of this flight.	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	Successful science flight that included a vertical profile, a vertical profile and missed approach near a TCCON site in Northern Oklahoma, a vertical profile and a missed approach at the Edwards runway near the Edwards TCCON site. Near the end of the flight, an MMS maneuver set was done at 10,000 ft. The aircraft and science instruments landed at KPMD in good shape to conclude a very successful ATom-1 flight campaign.		

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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