

DC-8 05/14/18

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

Flight Number: 1262

Payload Configuration: ATom-4 configuration - AMP, AO2, ARMAS, ATHOS, CANOE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIMS, ISAF (INOP), Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SO2, SO3, TOGA, UCATS, WAS

Nav Data Collected: Yes

Archive Data: [20180514](#) (83 archive (plain-text) files; 6 binary files; 1 image file)

Total Flight Time: 9.4 hours

Submitted by: Timothy Moes on 05/15/18

Flight Segments:

From:	SBRF - Recife, Brazil	To:	LPLA - Lajes Air Base
Start:	05/14/18 10:28 Z	Finish:	05/14/18 19:52 Z
Flight Time:	9.4 hours		
Log Number:	188004	PI:	Steven Wofsy
Funding Source:	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
Purpose of Flight:	Science		
Comments:	ATom-4 science flight RF09 SBRF-LPLA. Excellent science flight. Completed six planned vertical profile maneuvers (VPM) to 500 ft AGL and added one partial VPM to 10,000 ft AGL. Finished the mission with a climb to 41,000 ft and an MMS maneuver set. Science instruments did well and the aircraft arrived in Lajes in good shape.		

Flight Hour Summary:

	188004
Flight Hours Approved in SOFRS	122.2
Total Used	133.2
Total Remaining	-11

188004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/06/18	1249	Check	3.6	3.6	118.6	
04/10/18 - 04/11/18	1251	Check	5	8.6	113.6	
04/13/18 - 04/14/18	1252	Check	7.9	16.5	105.7	
04/24/18 - 04/25/18	1253	Science	9.5	26	96.2	
04/26/18	1254	Check	2.1	28.1	94.1	
04/27/18 - 04/28/18	1255	Science	10.3	38.4	83.8	
04/29/18 - 04/30/18	1256	Science	8.1	46.5	75.7	
05/01/18 - 05/02/18	1257	Science	8.2	54.7	67.5	
05/03/18 - 05/04/18	1258	Science	7.9	62.6	59.6	
05/06/18 - 05/07/18	1259	Science	10.2	72.8	49.4	
05/09/18	1260	Science	10.7	83.5	38.7	
05/12/18	1261	Science	10	93.5	28.7	
05/14/18	1262	Science	9.4	102.9	19.3	
05/17/18	1263	Science	9.7	112.6	9.6	
05/18/18	1264	Science	3.2	115.8	6.4	

05/19/18 -	1265	Science	10.6	126.4	-4.2
05/20/18					
05/21/18	1266	Science	6.8	133.2	-11

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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