

DC-8 - AFRC 04/17/19 - 04/18/19

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

Flight Number: 1320

Payload Configuration: DAWN, HALO, YES Dropsondes, POS AV, DACOM, DLH

Nav Data Collected: Yes

Total Flight Time: 9.5 hours

Submitted by: Chris Jennison on 04/19/19

Flight Segments:

From:	KPMD	To:	KPMD
Start:	04/17/19 22:07 Z	Finish:	04/18/19 07:34 Z
Flight Time:	9.5 hours		
Log Number:	198008		
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		
Comments:	This was both an instrument checkout flight and the first science flight for the ESA Aeolus satellite validation/calibration campaign. The flight departed about 12 minutes early so a leg was added to correct the timing for the satellite overpass. Nine dropsondes were launched along the satellite track and a tenth after making the turn for the homebound flight segment. HALO, DACOM, and DLH reported nominal instrument performance and all ten dropsondes return data. DAWN and POS AV reported position location anomalies.		

Images:

Aeolus #1 Flight Track

Image not found or type unknown



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Flight Hour Summary:

	198008
Flight Hours Approved in SOFRS	43
Total Used	44.6
Total Remaining	-1.6

198008 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/17/19 - 04/18/19	1320	Science	9.5	9.5	33.5	0
04/22/19 - 04/23/19	1321	Science	7.1	16.6	26.4	0
04/25/19 - 04/26/19	1322	Science	10	26.6	16.4	0
04/27/19 - 04/28/19	1323	Science	10.1	36.7	6.3	4398
04/29/19 - 04/30/19	1324	Science	7.9	44.6	-1.6	0

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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