

DC-8 01/23/18

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

Flight Number: 1241

Payload Configuration: NDMAX Configuration - DLR H2O (CR2 WARAN), DLR OPC, DLR PMS, ERICA, LARGE, LARGE-AMS, PTR-M viewing video cameras and piggybacking ARMAS & TinMan. CAPS and CPSPD cannister probes not installed in #2 position as do not yet have RVSM certi

Nav Data Collected: Yes

Total Flight Time: 4.9 hours

Comments: The DC-8 sampled emissions & contrails behind an A320 burning Blend #2 fuel (70% Clean Jet A / 30% biofuel). This mission included test points at 32kft and 38kft. Very successful mission. The science instruments and aircraft did great. The aircraft returned with an autopilot squawk. The faulty part was identified, replaced, and ops checked post flight.

Submitted by: Timothy Moes on 01/23/18

Flight Segments:

From:	ETAR - Ramstein Air Base	To:	ETAR - Ramstein Air Base
Start:	01/23/18 11:07 Z	Finish:	01/23/18 16:03 Z
Flight Time:	4.9 hours		
Log Number:	188007	PI:	Bruce Anderson
Funding Source:	Jay Dryer - NASA - ARMD - Director of Advanced Air Vehicles Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	178009	188007
Flight Hours Approved in SOFRS		80
Total Used	0	76.6
Total Remaining		3.4

188007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
01/09/18	1235	Check	3.1	3.1	76.9	
01/10/18 - 01/11/18	1237	Science	5.2	8.3	71.7	
01/13/18 - 01/14/18	1238	Science	10.7	19	61	
01/17/18	1239	Science	4.8	23.8	56.2	
01/19/18	1240	Science	5.5	29.3	50.7	
01/23/18	1241	Science	4.9	34.2	45.8	
01/24/18	1242	Science	6.1	40.3	39.7	
01/29/18	1243	Science	6.2	46.5	33.5	
01/30/18	1244	Science	5.9	52.4	27.6	
01/31/18	1245	Science	5.6	58	22	
02/01/18	1246	Science	5.2	63.2	16.8	
02/03/18	1247	Transit	10.9	74.1	5.9	
02/04/18	1248	Transit	2.5	76.6	3.4	

Source URL: https://airbornescience.nasa.gov/flight_reports/DC-8_01_23_18#comment-0

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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.