

DC-8 01/31/18

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

Flight Number: 1245

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: 5.6 hours

Submitted by: Timothy Moes on 02/04/18

Flight Segments:

From:	ETAR - Ramstein Air Base	To:	ETAR - Ramstein Air Base
Start:	01/31/18 09:52 Z	Finish:	01/31/18 15:28 Z
Flight Time:	5.6 hours		
Log Number:	188007	PI:	Bruce Anderson
Funding Source:	Jay Dryer - NASA - ARMD - Director of Advanced Air Vehicles Program		
Purpose of Flight:	Science		
Comments:	DC-8 flew solo today (i.e. without the DLR ATRA A320) for an "aged contrail" flight. We had a dedicated ATC controller to assist us in sampling behind commercial aircraft. We had four very successful sampling runs and one very short sampling prior to the lead aircraft starting a descent. We obtained data behind 737-800, A320 NEO, A321, A319-100 (small sample time), and A320 NEO. Sampling significantly aided by real-time "bread crumb" contrail position predictions. We also obtained data in Cirrus clouds that include hits from aged contrails. On the return home we overflew a RADAR site on our route at FL140 and then we were RTB. Aircraft and science instruments returned in good shape.		

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://espo.nasa.gov/atom/flight_reports/DC-8_01_31_18#comment-0

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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.
