

DC-8 04/12/13

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

Flight Number: 130306

Payload Configuration: ACCESS 2013

Nav Data Collected: Yes

Total Flight Time: 3.5 hours

Submitted by: Chris Jennison on 04/30/13

Flight Segments:

From:	KPMD	To:	KPMD
Date:	04/12/13		
Flight Time:	3.5 hours		
Log Number:	138004 - Completed as of this flight.	PI:	Bruce Anderson
Funding Source:	Dan Bulzan - NASA - GRC ARMD Subsonic Fixed Wing CEE Manager		
Purpose of Flight:	Science		
Comments:	This was the fifth and final ACCESS 2013 test fuel exhaust emissions sampling flight with LaRC HU-25C. The previous flight of the day convinced the test team that all subassemblies of the fuel system were functioning as designed and that anytime center aux tank boost pumps are operated excess fuel from center aux tank enters tank #3. Prior to this flight tank #3 fuel was purged and redistributed to tanks #1 and 4 and tank 3 was reserviced with pedigree JP-8. All baseline JP-8 emissions data was acquired inflight prior to any operation of the center aux boost pumps or crossfeed system. This concludes ACCESS 2013.		

Flight Hour Summary:

	138004
Flight Hours Approved in SOFRS	17
Total Used	17.8
Total Remaining	-0.8

138004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/22/13	130301	Other	1.3	1.3	15.7	
02/28/13	130302	Science	3.3	4.6	12.4	
03/06/13	130303	Science	3.5	8.1	8.9	
04/11/13	130304	Science	3.1	11.2	5.8	
04/11/13	130305	Science	3.1	14.3	2.7	
04/12/13	130306	Science	3.5	17.8	-0.8	

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.

Page Last Updated: April 22, 2017

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Source URL: https://espoarchive.nasa.gov/flight_reports/DC-8_04_12_13#comment-0