

DC-8 06/10/17

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

Flight Number: 1194

Payload Configuration: CPEX Payload: APR-2, DAWN, YES Dropsonde, HAMSRS, MASC, MTHP

Nav Data Collected: Yes

Total Flight Time: 5.3 hours

Submitted by: Chris Jennison on 06/12/17

Flight Segments:

From:	KFLL	To:	KFLL
Start:	06/10/17 18:08 Z	Finish:	06/10/17 23:22 Z
Flight Time:	5.3 hours		
Log Number:	178011	PI:	Ramesh Kakar
Funding Source:	Ramesh Kakar - NASA - SMD - ESD Weather and Atmospheric Dynamics		
Purpose of Flight:	Science		
Comments:	Science flight #7 was delayed for an hour with aircraft electrics and electronics malfunctions. The pilot's multifunction display (MFD) that provides the interface for radar, TCAS, and other systems displayed a fault and the number 2 main fuel tank quantity indication dropped 5000 pounds. Fuel level indication returned to normal as the aircraft taxied and after drying out the connectors, the MFD started working. The last three days were very humid and rainy and probably was the cause of both conditions. After takeoff, the flight proceeded without incident. An area of interesting convection east of the Bahamas was investigated. MTHP was removed for this flight for repair but all other instruments acquired data satisfactorily. Media were aboard this flight and photo-documented and interviewed science team members.		

Images:

NBC Miami affiliate interviews CPEX chief scientists during research flight



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Flight Hour Summary:

	178011
Flight Hours Approved in SOFRS	106
Total Used	104.3
Total Remaining	1.7

178011 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/16/17	1182	Check	1.3	1.3	104.7	
05/17/17	1184	Science	2.6	3.9	102.1	
05/25/17	1187	Ferry	4.5	8.4	97.6	
05/27/17	1188	Science	5.3	13.7	92.3	
05/29/17	1189	Science	5.5	19.2	86.8	
05/31/17	1190	Science	6	25.2	80.8	
06/01/17	1191	Science	5.7	30.9	75.1	
06/02/17	1192	Science	6.2	37.1	68.9	
06/06/17	1193	Science	3.9	41	65	
06/10/17	1194	Science	5.3	46.3	59.7	

06/11/17	1195	Science	6.4	52.7	53.3
06/15/17	1196	Science	4.7	57.4	48.6
06/16/17	1197	Science	5.3	62.7	43.3
06/17/17 - 06/18/17	1198	Science	7.1	69.8	36.2
06/19/17	1199	Science	5.9	75.7	30.3
06/20/17	1200	Science	5.7	81.4	24.6
06/21/17	1201	Science	5.4	86.8	19.2
06/23/17	1202	Science	4.8	91.6	14.4
06/24/17	1203	Science	5.8	97.4	8.6
06/26/17	1204	Science	1.9	99.3	6.7
06/28/17	1205	Science	5	104.3	1.7

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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NASA Official: Bruce A. Tagg

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