

## DC-8 - AFRC 08/21/21 - 08/22/21

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

Flight Number: 1371

Payload Configuration: CPEX-AW 2021

Nav Data Collected: Yes

Total Flight Time: 6.8 hours

Submitted by: Charles E. Irving on 08/22/21

### Flight Segments:

<b>From:</b>	TISX	<b>To:</b>	TISX
<b>Start:</b>	08/21/21 19:49 Z	<b>Finish:</b>	08/22/21 02:37 Z
<b>Flight Time:</b>	6.8 hours		
<b>Log Number:</b>	<a href="#">218016</a>	<b>PI:</b>	Amin Nehrir
<b>Funding Source:</b>	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Take-off delayed one hour due to maintenance issue. Ground crew resolved issue to enable operation IAW MEL. DC-8 Navigators and Mission Science cooperatively worked to make flight and safe and successful, including a reasonable 6 minute delay in hitting the desired satellite overpass point. Science objectives were similar to previous flight, target was Saharan Air Layer and convection. 16 dropsondes were launched, 13 successful with TM collected from release to splash down.		

### Flight Hour Summary:

	<b>218016</b>
<b>Flight Hours Approved in SOFRS</b>	150
<b>Total Used</b>	72.4
<b>Total Remaining</b>	77.6

### 218016 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/05/21</a>	1365	Check	1.4	1.4	148.6	0
<a href="#">08/06/21</a>	1366	Check	2.9	4.3	145.7	0
<a href="#">08/11/21</a>	1367	Check	4.3	8.6	141.4	0
<a href="#">08/17/21</a>	1369	Ferry	6.6	15.2	134.8	0
<a href="#">08/20/21 - 08/21/21</a>	1370	Science	5.5	20.7	129.3	0
<a href="#">08/21/21 - 08/22/21</a>	1371	Science	6.8	27.5	122.5	0
<a href="#">08/24/21</a>	1372	Science	6.2	33.7	116.3	0
<a href="#">08/26/21 - 08/27/21</a>	1373	Science	6.7	40.4	109.6	0
<a href="#">08/28/21 - 08/29/21</a>	1374	Science	7.5	47.9	102.1	0
<a href="#">09/01/21</a>	1375	Science	9.9	57.8	92.2	0
<a href="#">09/04/21</a>	1376	Science	5.9	63.7	86.3	0
<a href="#">09/09/21</a>	1377	Maintenance	1.9	65.6	84.4	0
<a href="#">09/15/21</a>	1378	Transit	6.8	72.4	77.6	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.

Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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**Source URL:** [https://espo.nasa.gov/oracles/flight\\_reports/DC-8\\_-\\_AFRC\\_08\\_21\\_21\\_-\\_08\\_22\\_21](https://espo.nasa.gov/oracles/flight_reports/DC-8_-_AFRC_08_21_21_-_08_22_21)