

## DC-8 07/21/17 - 07/22/17

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

Flight Number: 1209

Payload Configuration: ASCENDS Payload: CO? Sounder, Picarro, ACES, AVOCET, DACOM, DLH, DLH-X, CO? 7000

Nav Data Collected: No

Total Flight Time: 5.6 hours

Submitted by: Chris Jennison on 08/03/17

### Flight Segments:

<b>From:</b>	KPMD	<b>To:</b>	KPMD
<b>Start:</b>	07/21/17 19:55 Z	<b>Finish:</b>	07/22/17 01:31 Z
<b>Flight Time:</b>	5.6 hours		
<b>Log Number:</b>	<a href="#">178007</a>	<b>PI:</b>	James Abshire
<b>Funding Source:</b>	Ken Jucks - NASA - SMD - ESD Upper Atmosphere Research Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Instrument calibration flight. The flight was conducted in the central San Joaquin Valley and conditions were acceptable despite seasonal wildfires around the area. Three spiral descents and climbs were accomplished over Merced, CA (KMER) and two over Porterville (KPTV). All instruments performed well. The payload is ready to deploy.		

### Flight Hour Summary:

	<b>178007</b>
<b>Flight Hours Approved in SOFRS</b>	60
<b>Total Used</b>	56.1
<b>Total Remaining</b>	3.9

### 178007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">07/20/17</a>	1206	Other	0.9	0.9	59.1	
<a href="#">07/20/17 - 07/21/17</a>	1208	Science	4.3	5.2	54.8	
<a href="#">07/21/17 - 07/22/17</a>	1209	Science	5.6	10.8	49.2	
<a href="#">07/27/17 - 07/28/17</a>	1211	Transit	9.4	20.2	39.8	
<a href="#">07/31/17 - 08/01/17</a>	1212	Science	7.9	28.1	31.9	
<a href="#">08/03/17</a>	1213	Science	6.6	34.7	25.3	
<a href="#">08/05/17</a>	1214	Science	6.1	40.8	19.2	
<a href="#">08/06/17</a>	1215	Science	7	47.8	12.2	
<a href="#">08/08/17 - 08/09/17</a>	1216	Transit	8.3	56.1	3.9	

*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

Page Editor: Brad Bulger

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