

DC-8 08/17/16

Aircraft:

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

Flight Number:

1128

Payload Configuration:

ATom-1 Configuration

Nav Data Collected:

Yes

Archive Data:

[20160817](#) (4 binary files; 68 archive (plain-text) files; 1 image file)

Total Flight Time:

8.5 hours

Submitted by:

Timothy Moes on 08/18/16

Flight Segments:

| | | | |
|---------------------------|---|----------------|-----------------------|
| From: | FHAW (Ascension Auxiliary Airfield) | To: | LPLA (Lajes Airfield) |
| Start: | 08/17/16 08:04 Z | Finish: | 08/17/16 16:36 Z |
| Flight Time: | 8.5 hours | | |
| Log Number: | 168002 | PI: | Steven Wofsy |
| Funding Source: | Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager | | |
| Purpose of Flight: | Science | | |
| Comments: | Very successful science flight that included 7 vertical profile maneuvers. We were unable to conduct a low-pass at the Tenerife TCCON site due to concerns with the weather minimums at Lajes. We needed to conserve fuel in case required to divert to Lisbon, Portugal. Thankfully, the weather was good for landing when we arrived at Lajes. The aircraft and science instruments landed at LPLA in good shape. | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 168002 |
| Flight Hours Approved in SOFRS | 104.1 |
| Total Used | 107.5 |
| Total Remaining | -3.4 |

168002 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|-------|-------------------|----------|---------------|-----------------|-------------|
| 07/11/16 | 1113 | Check | 1.5 | 1.5 | 102.6 | |
| 07/12/16 | 1114 | Check | 3.9 | 5.4 | 98.7 | |
| 07/18/16 | 1116 | Check | 1.4 | 6.8 | 97.3 | |
| 07/19/16 | 1117 | Check | 1.1 | 7.9 | 96.2 | |
| 07/20/16 | 1118 | Check | 1 | 8.9 | 95.2 | |
| 07/26/16 - 07/27/16 | 1119 | Check | 6.5 | 15.4 | 88.7 | |
| 07/28/16 | 1120 | Check | 0.8 | 16.2 | 87.9 | |
| 07/29/16 | 1121 | Science | 9.4 | 25.6 | 78.5 | |
| 08/01/16 - 08/02/16 | 1122 | Science | 10.2 | 35.8 | 68.3 | |
| 08/03/16 - 08/04/16 | 1123 | Science | 7.3 | 43.1 | 61 | |
| 08/06/16 - 08/07/16 | 1124 | Science | 8.6 | 51.7 | 52.4 | |
| 08/08/16 - 08/09/16 | 1125 | Science | 6.6 | 58.3 | 45.8 | |

| | | | | | |
|-------------------------------------|------|---------|------|-------|------|
| 08/12/16 - 08/13/16 | 1126 | Science | 10.6 | 68.9 | 35.2 |
| 08/15/16 | 1127 | Science | 9.4 | 78.3 | 25.8 |
| 08/17/16 | 1128 | Science | 8.5 | 86.8 | 17.3 |
| 08/20/16 | 1129 | Science | 9.8 | 96.6 | 7.5 |
| 08/22/16 | 1130 | Science | 6 | 102.6 | 1.5 |
| 08/23/16 | 1131 | Science | 4.9 | 107.5 | -3.4 |

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: Marilyn Vasques

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