

## ER-2 #809 09/29/16

**Aircraft:**

[ER-2 - AFRC #809](#) ([See full schedule](#))

**Flight Number:**

16-9063

**Payload Configuration:**

AirMSPI, HSRL-2, SSFR, RSP, eMAS, APS

**Nav Data Collected:**

Yes

**Archive Data:**

[20160929](#) (1 binary file; 3 archive (plain-text) files)

**Total Flight Time:**

8.6 hours

**Comments:**

Take-off at 0917Z (1117L), landing at 1755Z (1455L) for total duration of 8.6 hours. This was the transit leg from Walvis Bay (FYWB), Namibia to Recife (SBRF), Brazil in support of ORACLES Campaign.

**Submitted by:**

Brian Hobbs on 10/02/16

**Flight Segments:**

|                           |   |            |               |
|---------------------------|---|------------|---------------|
| <b>From:</b>              | FYWB  | <b>To:</b> | SBRF          |
| <b>Date:</b>              | 09/29/16  |            |               |
| <b>Flight Time:</b>       | 8.6 hours   |            |               |
| <b>Log Number:</b>        | <a href="#">162008</a>                                  | <b>PI:</b> | Jens Redemann |
| <b>Funding Source:</b>    | Hal Maring - NASA - SMD - ESD Radiation Science Program |            |               |
| <b>Purpose of Flight:</b> | Transit   |            |               |

**Flight Hour Summary:**

|   | 162008 | 172025 |
|---|--------|--------|
| <b>Flight Hours Approved in SOFRS</b>   | 142    |        |
| <b>Flight Hours Previously Approved</b> |        | 21     |
| <b>Total Used</b>                       | 121    | 17.9   |
| <b>Total Remaining</b>                  |        | 3.1    |

**172025 Flight Reports**

| Date                     | Flt #   | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| <a href="#">10/03/16</a> | 17-9001 | Transit           | 9.7      | 9.7           | 11.3            |             |
| <a href="#">10/06/16</a> | 17-9002 | Transit           | 4.9      | 14.6          | 6.4             |             |
| <a href="#">10/27/16</a> | 17-9003 | Science           | 3.3      | 17.9          | 3.1             |             |

**Source URL:** [https://espo.nasa.gov/ORACLES/flight\\_reports/ER-2\\_809\\_09\\_29\\_16#comment-0](https://espo.nasa.gov/ORACLES/flight_reports/ER-2_809_09_29_16#comment-0)

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Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

*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.*

**162008 Flight Reports**

| Date                     | Flt #   | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| <a href="#">07/28/16</a> | 16-9048 | Check             | 4.1      | 4.1           | 137.9           |             |
| <a href="#">08/03/16</a> | 16-9049 | Check             | 4.1      | 8.2           | 133.8           |             |
| <a href="#">08/19/16</a> | 16-9050 | Transit           | 5        | 13.2          | 128.8           |             |
| <a href="#">08/23/16</a> | 16-9051 | Transit           | 10.5     | 23.7          | 118.3           |             |
| <a href="#">08/26/16</a> | 16-9052 | Transit           | 7.9      | 31.6          | 110.4           |             |

|                          |         |         |     |       |       |
|--------------------------|---------|---------|-----|-------|-------|
| <a href="#">09/10/16</a> | 16-9053 | Science | 6.3 | 37.9  | 104.1 |
| <a href="#">09/12/16</a> | 16-9054 | Science | 8.7 | 46.6  | 95.4  |
| <a href="#">09/14/16</a> | 16-9055 | Science | 8.1 | 54.7  | 87.3  |
| <a href="#">09/17/16</a> | 16-9056 | Science | 7.7 | 62.4  | 79.6  |
| <a href="#">09/18/16</a> | 16-9057 | Science | 8.5 | 70.9  | 71.1  |
| <a href="#">09/20/16</a> | 16-9058 | Science | 7.7 | 78.6  | 63.4  |
| <a href="#">09/22/16</a> | 16-9059 | Science | 7.9 | 86.5  | 55.5  |
| <a href="#">09/24/16</a> | 16-9060 | Science | 8   | 94.5  | 47.5  |
| <a href="#">09/25/16</a> | 16-9061 | Science | 8.7 | 103.2 | 38.8  |
| <a href="#">09/27/16</a> | 16-9062 | Science | 9.2 | 112.4 | 29.6  |
| <a href="#">09/29/16</a> | 16-9063 | Transit | 8.6 | 121   | 21    |