

## ER-2 #809 09/14/16

**Aircraft:**

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

**Flight Number:**

16-9055

**Payload Configuration:**

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

**Nav Data Collected:**

Yes

**Archive Data:**

[20160914](#) (16 binary files; 3 archive (plain-text) files)

**Total Flight Time:**

8.1 hours

**Comments:**

Science flight #3 at Walvis Bay (FYWB), Namibia in support of ORACLES Campaign. Problem with ER-2 coolant pump reoccurred. This resulted in no science data for the HSRL-2 instrument. Science flight was continued to collect data with the other instruments.

**Submitted by:**

Ken Norlin on 09/15/16

**Flight Segments:**

<b>From:</b>	FYWB	<b>To:</b>	FYWB
<b>Start:</b>	09/14/16 07:00 Z	<b>Finish:</b>	09/14/16 15:06 Z
<b>Flight Time:</b>	8.1 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>	Science		

**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\\_14\\_16](https://espo.nasa.gov/oracles/flight_reports/ER-2_809_09_14_16)

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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