

## ER-2 #809 10/31/13

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

Flight Number: 14-9002

Payload Configuration: HypsIRI - AVIRIS & MASTER plus RSP

Nav Data Collected: Yes

Total Flight Time: 5.2 hours

Comments: Started out the flight with two lines for ACOCO over Monterey Bay and then began the San Francisco Bay HypsIRI box. Flew the Western-most 6 lines of the HypsIRI box due to low sun angles. Postflight analysis showed good data from RSP and AVIRIS, however, MASTER did not record data. The aircraft also returned with "hot" brakes. Due to the brake issue, the aircraft is grounded for installation of a new set of MLG brakes.

Submitted by: Timothy Moes on 11/13/13

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	10/31/13		
<b>Flight Time:</b>	0.8 hours		
<b>Log Number:</b>	<a href="#">142006</a>	<b>PI:</b>	Brian Cairns
<b>Funding Source:</b>	Jared Entin - NASA - SMD - ESD Hydrology Program		
<b>Purpose of Flight:</b>	Science		

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	10/31/13		
<b>Flight Time:</b>	4.4 hours		
<b>Log Number:</b>	<a href="#">142008</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Woody Turner - NASA - SMD - ESD Biological Diversity		
<b>Purpose of Flight:</b>	Science		

### Flight Hour Summary:

	142006	152013	162018
<b>Flight Hours Approved in SOFRS</b>	20		
<b>Flight Hours Previously Approved</b>		12.3	9.3
<b>Total Used</b>	7.7	3	0
<b>Total Remaining</b>			9.3

### 152013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/22/14</a>	15-6002	Science	3	3	9.3	

### 142008 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/31/13</a>	14-9002	Science	4.4	4.4	9.5	
<a href="#">11/05/13</a>	14-9003	Science	5.7	10.1	3.8	
<a href="#">11/17/13</a>	14-9005	Science	2.8	12.9	1	

### 132003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">04/10/13</a>	13-9037	Science	6.5	6.5	93.5	
<a href="#">04/11/13</a>	13-9036	Science	5.7	12.2	87.8	
<a href="#">04/12/13</a>	13-9039	Science	8.5	20.7	79.3	
<a href="#">04/19/13</a>	13-9040	Science	7.6	28.3	71.7	
<a href="#">05/02/13</a>	13-9041	Science	4.4	32.7	67.3	
<a href="#">05/03/13</a>	13-9042	Science	4.3	37	63	
<a href="#">05/22/13 - 05/23/13</a>	13-6021	Science	7.6	44.6	55.4	

<a href="#">06/01/13</a>	13-6026	Science	1.1	45.7	54.3
<a href="#">06/04/13</a>	13-6027	Science	4.7	50.4	49.6
<a href="#">06/06/13 - 06/07/13</a>	13-6028	Science	6.7	57.1	42.9
<a href="#">06/07/13</a>	13-6029	Science	6.7	63.8	36.2
<a href="#">06/10/13</a>	13-6030	Science	1.5	65.3	34.7
<a href="#">06/26/13</a>	13-6037	Science	4.9	70.2	29.8
<a href="#">09/13/13</a>	13-6045	Science	2.6	72.8	27.2
<a href="#">09/19/13</a>	13-6048	Science	5.7	78.5	21.5
<a href="#">09/24/13</a>	13-6049	Science	7.6	86.1	13.9

**Source URL:** [https://espo.nasa.gov/hs3/flight\\_reports/ER-2\\_809\\_10\\_31\\_13#comment-0](https://espo.nasa.gov/hs3/flight_reports/ER-2_809_10_31_13#comment-0)

Page Last Updated: April 22, 2017

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.*

	112005	122003	132003	142008
<b>Flight Hours Approved in SOFRS</b>			100	
<b>Flight Hours Previously Approved</b>				13.9
<b>Total Used</b>	0	0	86.1	12.9
<b>Total Remaining</b>				1

#### 142006 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/30/13</a>	14-9001	Science	5	5	15	
<a href="#">10/31/13</a>	14-9002	Science	0.8	5.8	14.2	
<a href="#">04/19/14</a>	14-6035	Science	1.9	7.7	12.3	