

## ER-2 #809 05/02/13

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

Flight Number: 13-9041

Payload Configuration: HypsIRI - AVIRIS & MASTER + AirMSPI, NAST-M, S-HIS

Nav Data Collected: No

Total Flight Time: 6.4 hours

Comments: Good Flight. Conducted MASTER validation flight over Lake Tahoe, Landsat-8 underpass, and imaged the HypsIRI Tahoe Box and Soda Straw.

Submitted by: Timothy Moes on 05/14/13

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	05/02/13		
<b>Flight Time:</b>	4.4 hours		
<b>Log Number:</b>	<a href="#">132003</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Woody Turner - NASA - SMD - ESD Biological Diversity		
<b>Purpose of Flight:</b>	Science		

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	05/02/13		
<b>Flight Time:</b>	1 hours		
<b>Log Number:</b>	<a href="#">132017</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Diane Wickland - NASA - SMD - ESD Terrestrial Ecology		
<b>Purpose of Flight:</b>	Science		

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	05/02/13		
<b>Flight Time:</b>	1 hours		
<b>Log Number:</b>	<a href="#">132015</a>	<b>PI:</b>	Jeffrey Myers
<b>Funding Source:</b>	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
<b>Purpose of Flight:</b>	Science		

### Flight Hour Summary:

	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

### 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

#### 142009 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">11/25/13</a>	14-9007	Other	1.8	1.8	9.1	
<a href="#">03/31/14</a>	14-6029	Science	2.2	4	6.9	
<a href="#">05/30/14</a>	14-6042	Other	3.6	7.6	3.3	
<a href="#">06/06/14</a>	14-6046	Science	2.8	10.4	0.5	
<a href="#">08/18/14 - 08/19/14</a>	14-9038	Science	0.5	10.9	-0	

#### 142013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/24/13</a>	14-6004	Science	2.9	2.9	0.6	

#### 132015 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/02/13</a>	13-9041	Science	1	1	8.8	
<a href="#">06/21/13</a>	13-9047	Science	2	3	6.8	
<a href="#">07/01/13</a>	13-6038	Science	3.3	6.3	3.5	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_05\\_02\\_13#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_05_02_13#comment-0)

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NASA Official: Bruce A. Tagg

*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.*

#### 122024 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/22/12</a>	12-9011	Science	2.3	2.3	17.7	
<a href="#">08/28/12</a>	12-9012	Science	1.7	4	16	
<a href="#">08/30/12 - 08/31/12</a>	12-9013	Science	6.2	10.2	9.8	

	122024	132015	142013
<b>Flight Hours Approved in SOFRS</b>	20		
<b>Flight Hours Previously Approved</b>		9.8	3.5
<b>Total Used</b>	10.2	6.3	2.9
<b>Total Remaining</b>			0.6

**132017 Flight Reports**

<b>Date</b>	<b>Flt #</b>	<b>Purpose of Flight</b>	<b>Duration</b>	<b>Running Total</b>	<b>Hours Remaining</b>	<b>Miles Flown</b>
<a href="#">02/27/13</a>	13-6007	Science	3.5	3.5	26.5	
<a href="#">03/06/13</a>	13-6008	Science	2	5.5	24.5	
<a href="#">03/29/13</a>	13-9034	Science	4.1	9.6	20.4	
<a href="#">04/11/13</a>	13-9036	Science	0.4	10	20	
<a href="#">05/02/13</a>	13-9041	Science	1	11	19	
<a href="#">05/03/13</a>	13-9042	Science	2.8	13.8	16.2	
<a href="#">09/16/13</a>	13-6046	Science	3.4	17.2	12.8	
<a href="#">09/18/13</a>	13-6047	Science	1.9	19.1	10.9	
				<b>132017</b>	<b>142009</b>	
<b>Flight Hours Approved in SOFRS</b>				30		
<b>Flight Hours Previously Approved</b>					10.9	
<b>Total Used</b>				19.1	10.4	
<b>Total Remaining</b>					0.5	