

## ER-2 #806 05/30/14

Aircraft: [ER-2 - AFRC #806](#) ([See full schedule](#))

Flight Number: 14-6042

Payload Configuration: HypsIRI - AVIRIS, MASTER, and AirMSPI

Nav Data Collected: Yes

Total Flight Time: 3.6 hours

Submitted by: Chris Miller on 05/30/14

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	05/30/14 15:18 Z	<b>Finish:</b>	05/30/14 18:53 Z
<b>Flight Time:</b>	3.6 hours		
<b>Log Number:</b>	<a href="#">142009</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Diane Wickland - NASA - SMD - ESD Terrestrial Ecology		
<b>Purpose of Flight:</b>	Other		
<b>Comments:</b>	Successfully acquired all lines over Ivanpah and Mt. Pass, at the appointed time, for AVIRIS calibration and validation. And we accomplished a crossing pattern over the McCarren International Airport, Las Vegas, for MASTER validation. Skies were clear and so was the MASTER data. There was a navigation initialization problem after take off, resolved in transit, that is being investigated. Otherwise, the aircraft landed in good shape.		

### Images:

## Validation of MASTER instrument focus over Las Vegas



[Read more](#)

### Flight Hour Summary:

	132017	142009
<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

### 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	

Source URL: [https://espo.nasa.gov/oracles/flight\\_reports/ER-2\\_806\\_05\\_30\\_14#comment-0](https://espo.nasa.gov/oracles/flight_reports/ER-2_806_05_30_14#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.*

### 132017 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<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	