

## ER-2 #806 10/06/14

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

Flight Number: 15-6001

Payload Configuration: AVIRIS, MASTER, RSP

Nav Data Collected: Yes

Total Flight Time: 5.1 hours

Comments: The flight took off at 1035 local and landed at 1542 local (5.1 hr duration) to collect data in the HysPIRI Yosemite Box with soda straw. Dean Neely was the pilot. He reported weather was clear and winds calm the entire day. The aircraft had several maintenance write-ups which had to be addressed before the next mission.

Submitted by: Brian Hobbs on 10/10/14

### Flight Segments:

From:	PMD	To:	PMD
Date:	10/06/14		
Flight Time:	1 hours		
Log Number:	<a href="#">152020</a> - Completed as of this flight.	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		

From:	PMD	To:	PMD
Date:	10/06/14		
Flight Time:	4.1 hours		
Log Number:	<a href="#">152021</a>	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		

### Flight Hour Summary:

	142016	152020
Flight Hours Approved in SOFRS	120	
Flight Hours Previously Approved		1
Total Used	119	1
Total Remaining		0

### 152020 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/06/14</a>	15-6001	Science	1	1	0	

### 162021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/02/15</a>	16-9001	Science	6.9	6.9	22.8	
<a href="#">10/13/15</a>	16-9004	Science	5.1	12	17.7	
<a href="#">10/20/15</a>	16-9007	Science	5.5	17.5	12.2	
<a href="#">10/21/15</a>	16-9008	Science	6.7	24.2	5.5	
<a href="#">10/22/15</a>	16-9009	Science	3.7	27.9	1.8	
<a href="#">10/29/15</a>	16-9010	Science	1.8	29.7	-0	

Source URL: [https://espo.nasa.gov/aase/flight\\_reports/ER-2\\_806\\_10\\_06\\_14#comment-0](https://espo.nasa.gov/aase/flight_reports/ER-2_806_10_06_14#comment-0)

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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.*

**152021 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/06/14</a>	15-6001	Science	4.1	4.1	124.1	
<a href="#">10/27/14</a>	15-6003	Science	6.3	10.4	117.8	
<a href="#">11/17/14</a>	15-6005	Science	4.9	15.3	112.9	
<a href="#">11/24/14</a>	15-6010	Science	5.5	20.8	107.4	
<a href="#">04/16/15</a>	15-9032	Science	6	26.8	101.4	
<a href="#">04/17/15</a>	15-9033	Science	3.6	30.4	97.8	
<a href="#">04/28/15</a>	15-9035	Science	7.3	37.7	90.5	
<a href="#">04/29/15</a>	15-9036	Science	5.2	42.9	85.3	
<a href="#">04/30/15</a>	15-9037	Science	6.3	49.2	79	
<a href="#">05/05/15</a>	15-9038	Science	6.9	56.1	72.1	
<a href="#">05/28/15</a>	15-9043	Science	7.7	63.8	64.4	
<a href="#">06/01/15</a>	15-9044	Science	4.6	68.4	59.8	
<a href="#">06/02/15</a>	15-9045	Science	7.5	75.9	52.3	
<a href="#">06/03/15</a>	15-9046	Science	1.8	77.7	50.5	
<a href="#">06/08/15</a>	15-9047	Science	5.1	82.8	45.4	
<a href="#">06/11/15</a>	15-9048	Science	7.7	90.5	37.7	
<a href="#">08/24/15</a>	15-9052	Science	5.6	96.1	32.1	
<a href="#">08/26/15</a>	15-9053	Check	1.3	97.4	30.8	
<a href="#">08/27/15</a>	15-9054	Check	1.1	98.5	29.7	

	152021	162021
<b>Flight Hours Approved in SOFRS</b>	128.2	
<b>Flight Hours Previously Approved</b>		29.7
<b>Total Used</b>	98.5	29.7
<b>Total Remaining</b>		0

**142016 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">11/17/13</a>	14-9005	Science	2	2	118	
<a href="#">11/22/13</a>	14-9006	Science	5.2	7.2	112.8	
<a href="#">11/25/13</a>	14-9007	Science	5.1	12.3	107.7	
<a href="#">12/04/13</a>	14-9012	Science	4.9	17.2	102.8	
<a href="#">12/05/13</a>	14-9013	Science	4.6	21.8	98.2	
<a href="#">04/07/14</a>	14-6030	Science	5.8	27.6	92.4	
<a href="#">04/10/14</a>	14-6031	Science	5.2	32.8	87.2	
<a href="#">04/14/14</a>	14-6032	Science	8	40.8	79.2	
<a href="#">04/16/14</a>	14-6033	Science	6	46.8	73.2	
<a href="#">04/18/14</a>	14-6034	Science	4	50.8	69.2	
<a href="#">04/28/14</a>	14-6037	Science	7.6	58.4	61.6	
<a href="#">05/07/14</a>	14-6038	Science	6.9	65.3	54.7	
<a href="#">05/29/14</a>	14-6041	Science	6.7	72	48	
<a href="#">06/02/14</a>	14-6043	Science	5.1	77.1	42.9	
<a href="#">06/03/14</a>	14-6044	Science	6.3	83.4	36.6	
<a href="#">06/04/14</a>	14-6045	Science	5.8	89.2	30.8	
<a href="#">06/13/14</a>	16-6048	Science	7.7	96.9	23.1	
<a href="#">08/26/14 - 08/27/14</a>	14-9039	Science	7.8	104.7	15.3	
<a href="#">08/28/14</a>	14-9040	Science	3.7	108.4	11.6	
<a href="#">08/29/14</a>	14-9041	Science	5.1	113.5	6.5	
<a href="#">09/19/14</a>	14-6065	Science	5.5	119	1	