

## ER-2 #806 06/14/17

**Aircraft:**

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

**Flight Number:**

17-6043

**Payload Configuration:**

AVIRIS-C and MASTER

**Nav Data Collected:**

Yes

**Total Flight Time:**

5.8 hours

**Comments:**

Took off at 1707 GMT; landing at 2255 GMT for a 5.8 hour mission. Instrument operations were nominal. Flew the Soda Straw line first before flying the Santa Barbara Box. Today was a golden weather day for science! Sky clear conditions for the entire flight! No turbulence was experienced. The pilot hit all the lines. Stu Broce was the pilot.

**Submitted by:**

Kevin Walsh on 06/14/17

**Flight Segments:**

<b>From:</b>	Palmdale, CA	<b>To:</b>	Palmdale, CA
<b>Start:</b>	06/14/17 17:07 Z	<b>Finish:</b>	06/14/17 22:55 Z
<b>Flight Time:</b>	5.8 hours		
<b>Log Number:</b>	<a href="#">172036</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	The purpose of the fourth HyspIRI-CA flight was to fly the Santa Barbara Box plus Soda Straw.		

**Flight Hour Summary:**

	162034	172036
<b>Flight Hours Approved in SOFRS</b>	45	
<b>Flight Hours Previously Approved</b>		9.9
<b>Total Used</b>	35.1	46.6
<b>Total Remaining</b>		-36.7

**172036 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">06/07/17</a>	17-6039	Science	5.7	5.7	4.2	
<a href="#">06/09/17</a>	17-6040	Science	3.1	8.8	1.1	
<a href="#">06/12/17 - 06/13/17</a>	17-6041	Science	7.6	16.4	-6.5	
<a href="#">06/13/17</a>	17-6042	Science	6.6	23	-13.1	
<a href="#">06/14/17</a>	17-6043	Science	5.8	28.8	-18.9	
<a href="#">06/20/17</a>	17-6044	Science	5.3	34.1	-24.2	
<a href="#">06/22/17</a>	17-6045	Science	5.2	39.3	-29.4	
<a href="#">06/28/17</a>	17-6047	Science	7.3	46.6	-36.7	

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_806\\_06\\_14\\_17#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_806_06_14_17#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.*

**162034 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="#">06/09/16</a>	16-6026	Science	4.7	4.7	40.3	
<a href="#">06/15/16</a>	16-6027	Science	3	7.7	37.3	
<a href="#">06/16/16</a>	16-6028	Science	7.6	15.3	29.7	
<a href="#">06/17/16</a>	16-6029	Science	5.1	20.4	24.6	
<a href="#">06/20/16</a>	16-6030	Science	6.6	27	18	
<a href="#">06/21/16</a>	16-6031	Science	8.1	35.1	9.9	