

## ER-2 #806 01/19/17

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

Flight Number: 17-6011

Payload Configuration: AVIRIS-C, MASTER, HyTES

Nav Data Collected: Yes

Total Flight Time: 3.2 hours

Comments: The HyTES instrument continued to have issues. The GPS didn't work, fail lights on or flashing entire flight. It appears that the added heaters and insulation helped but HyTES started the flight at a degraded vacuum pressure because of HyTES going into SAFE mode before flight.

Submitted by: Kevin Walsh on 01/25/17

### Flight Segments:

<b>From:</b>	MCAS Kaneohe Bay, HI	<b>To:</b>	MCAS Kaneohe Bay, HI
<b>Start:</b>	01/19/17 19:31 Z	<b>Finish:</b>	01/19/17 22:40 Z
<b>Flight Time:</b>	3.2 hours		
<b>Log Number:</b>	<a href="#">172032</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Woody Turner - NASA - SMD - ESD Biological Diversity		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Purpose: First science flight for the HypIRI Tropics deployment. Also conducted another engineering checkout flight of the HyTES instrument.		

### Flight Hour Summary:

	162013	172032
<b>Flight Hours Approved in SOFRS</b>	90	
<b>Flight Hours Previously Approved</b>		90
<b>Total Used</b>	0	65.3
<b>Total Remaining</b>		24.7

### 172032 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">01/17/17 - 01/18/17</a>	17-6010	Transit	6.8	6.8	83.2	
<a href="#">01/19/17</a>	17-6011	Science	3.2	10	80	
<a href="#">01/26/17</a>	17-6012	Science	2.4	12.4	77.6	
<a href="#">01/27/17</a>	17-6013	Science	2.1	14.5	75.5	
<a href="#">01/27/17</a>	17-6014	Science	3.9	18.4	71.6	
<a href="#">01/29/17</a>	17-6015	Science	2.6	21	69	
<a href="#">02/02/17</a>	17-6016	Science	3.5	24.5	65.5	
<a href="#">02/03/17 - 02/04/17</a>	17-6017	Science	4.8	29.3	60.7	
<a href="#">02/07/17 - 02/08/17</a>	17-6018	Science	2.1	31.4	58.6	
<a href="#">02/08/17</a>	17-6019	Science	3.2	34.6	55.4	
<a href="#">02/09/17</a>	17-6020	Science	3.6	38.2	51.8	
<a href="#">02/10/17</a>	17-6021	Science	2.8	41	49	
<a href="#">02/12/17</a>	17-6022	Science	0.6	41.6	48.4	
<a href="#">02/21/17 - 02/22/17</a>	17-6023	Science	5	46.6	43.4	
<a href="#">02/22/17</a>	17-6024	Science	2.7	49.3	40.7	
<a href="#">02/23/17</a>	17-6025	Science	3	52.3	37.7	
<a href="#">02/24/17</a>	17-6026	Science	5.4	57.7	32.3	
<a href="#">03/03/17 - 03/04/17</a>	17-6027	Transit	7.6	65.3	24.7	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_806\\_01\\_19\\_17#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_806_01_19_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.*

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