

ER-2 #806 01/27/17

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

Flight Number: 17-6014

Payload Configuration: AVIRIS-C, MASTER, HyTES

Nav Data Collected: Yes

Total Flight Time: 3.9 hours

Comments: Comments: 806 took off a little late. The arresting gear for the F-18s were still on the runway. Took off at 1942Z. Flew Line 8 west; 5% cloud cover. Volcano line starting at south end had some clouds; north end clear. At Kilauea volcano the sky was clear. Vince said he could see the ER-2 from the ground! His grad student took a hi-res picture of the ER-2 with a long contrail and sent it to the distribution list. Line 9 had 10% clouds; Line 39 was socked in at Maui but clear over Molokai; Line 42 had 40% clouds; Line 25 had 25% clouds; Line 26 had 30% clouds; Molokai was sky clear; Oahu coast was sky clear. Landed at 2335Z for 3.9 hour flight. Jet is good for tomorrow's planned flight.

Submitted by: Kevin Walsh on 01/31/17

Flight Segments:

From:	MCAS Kaneohe Bay, HI	To:	MCAS Kaneohe Bay, HI
Start:	01/27/17 19:42 Z	Finish:	01/27/17 23:35 Z
Flight Time:	3.9 hours		
Log Number:	172032	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Purpose: The 4th science mission of the campaign was to intersect an overflight of the NASA ASTER satellite at 10:59AM HST. In addition, the flight plan included flying the volcano trade wind lines and coral lines around the island of Hawaii.		

Flight Hour Summary:

	162013	172032
Flight Hours Approved in SOFRS	90	
Flight Hours Previously Approved		90
Total Used	0	65.3
Total Remaining		24.7

172032 Flight Reports

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

[03/03/17 -](#)
[03/04/17](#)

17-6027 Transit

7.6

65.3

24.7

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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.
