

ER-2 #806 02/03/17 - 02/04/17

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

Flight Number: 17-6017

Payload Configuration: AVIRIS-C, MASTER, HyTES

Nav Data Collected: Yes

Total Flight Time: 4.8 hours

Comments: Took off about 7 minutes late to troubleshoot the MASTER instrument. MASTER was unable to boot before flight. The L1 fail light was on solid and stayed on. Left wing power was cycled many times with the same fail-light results – fail-light remained on. During climb-out, the visibility was poor around Oahu. The following are the lines that were flown with percent cloud cover. Line 43: clear; Line 47: 30% clouds (low small cumulus). At French Frigate Shoals (FFS): L51-10% clouds; L53-10% clouds; L52 -10% clouds. Gardner Pinnacles (L63): 5% clouds. FFS (the other direction): L54-20% clouds; L56-80% clouds; L55-15% clouds. Hit west line (L56) again: 30% clouds. L44: 1% clouds. Kauai (L37) had solid cloud coverage. Stu took an awesome picture of FFS with some cirrus clouds. The ER-2 was at its cross-wind limit during landing. Stu Broce was the pilot.

Submitted by: Kevin Walsh on 02/07/17

Flight Segments:

From:	MCAS Kaneohe Bay, HI	To:	MCAS Kaneohe Bay, HI
Start:	02/03/17 19:14 Z	Finish:	02/04/17 00:01 Z
Flight Time:	4.8 hours		
Log Number:	172032	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	The 7th science mission of the campaign was a day flight out to the Gardner Pinnacles. Flew coral lines at French Frigate Shoals (out and back) along the way.		

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

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_02_03_17_-_02_04_17#comment-0

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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.
