

ER-2 #806 02/07/17 - 02/08/17

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

Flight Number: 17-6018

Payload Configuration: AVIRIS-C, MASTER, HyTES

Nav Data Collected: Yes

Total Flight Time: 2.1 hours

Comments: The Kaneohe-Bay line over Coconut Island Oahu was priority. The pilot flew the line twice. The first time, the K-Bay line had cirrus clouds; the second time there were no cirrus but had cumulus clouds. The pilot couldn't see Coconut Island - covered with clouds. Line 42 over Molokai was 25% clouds at Moby buoy. Approaching Maui there was too much cloud cover. Decided to RTB. Got two good lines. The airplane is good. The instruments performed as expected with no issues. Tim almost had to divert the landing to Honolulu. Crosswinds got out of limits less than an hour before landing. Fortunately, the wind direction switched more directly down the runway to make a safe landing. It was "sporty" looking landing. Tim Williams was the pilot.

Submitted by: Kevin Walsh on 02/08/17

Flight Segments:

From:	MCAS Kaneohe Bay, HI	To:	MCAS Kaneohe Bay, HI
Start:	02/07/17 23:17 Z	Finish:	02/08/17 01:25 Z
Flight Time:	2.1 hours		
Log Number:	172032	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	The purpose of the 8th science mission of the campaign was a coral-day flight around Kauai, Molokai, and Oahu.		

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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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.
