

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:

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

Flight Hour Summary:

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

172036 Flight Reports

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

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Page Editor: Brad Bulger

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

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
06/09/16	16-6026	Science	4.7	4.7	40.3	
06/15/16	16-6027	Science	3	7.7	37.3	
06/16/16	16-6028	Science	7.6	15.3	29.7	

06/17/16	16-6029	Science	5.1	20.4	24.6
06/20/16	16-6030	Science	6.6	27	18
06/21/16	16-6031	Science	8.1	35.1	9.9