

ER-2 #809 10/20/15

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9007

Payload Configuration: HysplRI CA Fall 2015

Nav Data Collected: Yes

Total Flight Time: 5.5 hours

Comments: Flight 16-9007 took off at 0942 local and landed at 1514 local (5.5 hours). The pilot Tim Williams commented that out of 11 lines, the 5 westerly lines of the Yosemite Box were 100% clear. The NE corner of the box in the Mono Lake area had clouds. Overall, 70-75% clear. For Soda Straw, the first 4 minutes and last 2 minutes had clouds. Overall, Soda Straw was 80% clear. Today was PRISM's first flight. PRISM flew mostly piggyback except data was turned on to verify operation. Won't know PRISM results until after data download.

Submitted by: Kevin Walsh on 10/20/15

Flight Segments:

From:	PMD	To:	PMD
Date:	10/20/15		
Flight Time:	5.5 hours		
Log Number:	162021	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		

Flight Hour Summary:

	152021	162021
Flight Hours Approved in SOFRS	128.2	
Flight Hours Previously Approved		29.7
Total Used	98.5	29.7
Total Remaining		0

162021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/02/15	16-9001	Science	6.9	6.9	22.8	
10/13/15	16-9004	Science	5.1	12	17.7	
10/20/15	16-9007	Science	5.5	17.5	12.2	
10/21/15	16-9008	Science	6.7	24.2	5.5	
10/22/15	16-9009	Science	3.7	27.9	1.8	
10/29/15	16-9010	Science	1.8	29.7	-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.

152021 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/06/14	15-6001	Science	4.1	4.1	124.1	
10/27/14	15-6003	Science	6.3	10.4	117.8	
11/17/14	15-6005	Science	4.9	15.3	112.9	
11/24/14	15-6010	Science	5.5	20.8	107.4	
04/16/15	15-9032	Science	6	26.8	101.4	
04/17/15	15-9033	Science	3.6	30.4	97.8	

04/28/15	15-9035	Science	7.3	37.7	90.5
04/29/15	15-9036	Science	5.2	42.9	85.3
04/30/15	15-9037	Science	6.3	49.2	79
05/05/15	15-9038	Science	6.9	56.1	72.1
05/28/15	15-9043	Science	7.7	63.8	64.4
06/01/15	15-9044	Science	4.6	68.4	59.8
06/02/15	15-9045	Science	7.5	75.9	52.3
06/03/15	15-9046	Science	1.8	77.7	50.5
06/08/15	15-9047	Science	5.1	82.8	45.4
06/11/15	15-9048	Science	7.7	90.5	37.7
08/24/15	15-9052	Science	5.6	96.1	32.1
08/26/15	15-9053	Check	1.3	97.4	30.8
08/27/15	15-9054	Check	1.1	98.5	29.7