

ER-2 #809 10/21/15

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

Flight Number: 16-9008

Payload Configuration: HysplRI CA Fall 2015

Nav Data Collected: Yes

Total Flight Time: 6.7 hours

Comments: Flight 16-9008 took off at 0847 local and landed at 1529 local (6.7 hours). The mission started by flying the western (coastal) part of the Southern CA box because of a band of clouds over the Salton Sea. The 1st line (line #10) was 95% clear. The 2nd line (line #9) was 90% clear. Each subsequent line was less clear (more clouds). Because of the clouds, it was decided to fly Soda Straw south to north (99% clear) then repeat some eastern Yosemite lines that were flown yesterday. Because of a low sun angle it was decided to only fly one Yosemite line before returning to base.

Submitted by: Kevin Walsh on 10/21/15

Flight Segments:

From:	PMD	To:	PMD
Date:	10/21/15		
Flight Time:	6.7 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