

ER-2 #809 05/03/13

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

Flight Number: 13-9042

Payload Configuration: HypsIRI - AVIRIS & MASTER + AirMSPI, NAST-M, S-HIS, NAST-I

Nav Data Collected: No

Total Flight Time: 7.1 hours

Comments: Good Flight. Conducted AVIRIS Ivanpah calibration early in the flight and then completed the HypsIRI Yosemite Box. This was the final HypsIRI flight in the 2013 Spring campaign.

Submitted by: Timothy Moes on 05/14/13

Flight Segments:

From:	PMD	To:	PMD
Date:	05/03/13		
Flight Time:	4.3 hours		
Log Number:	132003	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		

From:	PMD	To:	PMD
Date:	05/03/13		
Flight Time:	2.8 hours		
Log Number:	132017	PI:	Robert Green
Funding Source:	Diane Wickland - NASA - SMD - ESD Terrestrial Ecology		
Purpose of Flight:	Science		

Flight Hour Summary:

	112005	122003	132003	142008
Flight Hours Approved in SOFRS			100	
Flight Hours Previously Approved				13.9
Total Used	0	0	86.1	12.9
Total Remaining				1

142008 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/31/13	14-9002	Science	4.4	4.4	9.5	
11/05/13	14-9003	Science	5.7	10.1	3.8	
11/17/13	14-9005	Science	2.8	12.9	1	

132003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/10/13	13-9037	Science	6.5	6.5	93.5	
04/11/13	13-9036	Science	5.7	12.2	87.8	
04/12/13	13-9039	Science	8.5	20.7	79.3	
04/19/13	13-9040	Science	7.6	28.3	71.7	
05/02/13	13-9041	Science	4.4	32.7	67.3	
05/03/13	13-9042	Science	4.3	37	63	
05/22/13 - 05/23/13	13-6021	Science	7.6	44.6	55.4	
06/01/13	13-6026	Science	1.1	45.7	54.3	
06/04/13	13-6027	Science	4.7	50.4	49.6	
06/06/13 - 06/07/13	13-6028	Science	6.7	57.1	42.9	
06/07/13	13-6029	Science	6.7	63.8	36.2	

06/10/13	13-6030	Science	1.5	65.3	34.7
06/26/13	13-6037	Science	4.9	70.2	29.8
09/13/13	13-6045	Science	2.6	72.8	27.2
09/19/13	13-6048	Science	5.7	78.5	21.5
09/24/13	13-6049	Science	7.6	86.1	13.9

142009 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/25/13	14-9007	Other	1.8	1.8	9.1	
03/31/14	14-6029	Science	2.2	4	6.9	
05/30/14	14-6042	Other	3.6	7.6	3.3	
06/06/14	14-6046	Science	2.8	10.4	0.5	
08/18/14 - 08/19/14	14-9038	Science	0.5	10.9	-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.

132017 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/27/13	13-6007	Science	3.5	3.5	26.5	
03/06/13	13-6008	Science	2	5.5	24.5	
03/29/13	13-9034	Science	4.1	9.6	20.4	
04/11/13	13-9036	Science	0.4	10	20	
05/02/13	13-9041	Science	1	11	19	
05/03/13	13-9042	Science	2.8	13.8	16.2	
09/16/13	13-6046	Science	3.4	17.2	12.8	
09/18/13	13-6047	Science	1.9	19.1	10.9	

	132017	142009
Flight Hours Approved in SOFRS	30	
Flight Hours Previously Approved		10.9
Total Used	19.1	10.4
Total Remaining		0.5