

ER-2 #809 11/25/13

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

Flight Number: 14-9007

Payload Configuration: HypsIRI - AVIRIS & MASTER

Nav Data Collected: Yes

Total Flight Time: 6.9 hours

Submitted by: Chris Miller on 11/26/13

Flight Segments:

From:	PMD	To:	PMD
Start:	11/25/13 16:46 Z	Finish:	11/25/13 21:53 Z
Flight Time:	5.1 hours		
Log Number:	142016	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Santa Barbara was the objective for this HypsIRI flight. Weather was very clear at the site, and the aircraft started the collection on schedule. There were instrument problems about a third of the way into the pattern. The aircraft delayed until the problem was resolved and the collection resumed. 90% of the lines were accomplished before the aircraft had to return due to fuel limits. Unfortunately, about four of the lines were flown under less than optimum sun angle conditions. The aircraft returned in good condition.		

From:	PMD	To:	PMD
Start:	11/25/13 21:53 Z	Finish:	11/25/13 23:38 Z
Flight Time:	1.8 hours		
Log Number:	142009	PI:	Robert Green
Funding Source:	Diane Wickland - NASA - SMD - ESD Terrestrial Ecology		
Purpose of Flight:	Other		
Comments:	This is to cover AVIRIS instrument troubleshooting during the 11/25/13 HypsIRI flight.		

Flight Hour Summary:

	142016	152020
Flight Hours Approved in SOFRS	120	
Flight Hours Previously Approved		1
Total Used	119	1
Total Remaining		0

152020 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/06/14	15-6001	Science	1	1	0	

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	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_11_25_13#comment-0

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	

142016 Flight Reports						
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/17/13	14-9005	Science	2	2	118	
11/22/13	14-9006	Science	5.2	7.2	112.8	
11/25/13	14-9007	Science	5.1	12.3	107.7	
12/04/13	14-9012	Science	4.9	17.2	102.8	
12/05/13	14-9013	Science	4.6	21.8	98.2	
04/07/14	14-6030	Science	5.8	27.6	92.4	
04/10/14	14-6031	Science	5.2	32.8	87.2	
04/14/14	14-6032	Science	8	40.8	79.2	
04/16/14	14-6033	Science	6	46.8	73.2	
04/18/14	14-6034	Science	4	50.8	69.2	
04/28/14	14-6037	Science	7.6	58.4	61.6	
05/07/14	14-6038	Science	6.9	65.3	54.7	
05/29/14	14-6041	Science	6.7	72	48	
06/02/14	14-6043	Science	5.1	77.1	42.9	
06/03/14	14-6044	Science	6.3	83.4	36.6	
06/04/14	14-6045	Science	5.8	89.2	30.8	
06/13/14	16-6048	Science	7.7	96.9	23.1	
08/26/14 - 08/27/14	14-9039	Science	7.8	104.7	15.3	
08/28/14	14-9040	Science	3.7	108.4	11.6	
08/29/14	14-9041	Science	5.1	113.5	6.5	
09/19/14	14-6065	Science	5.5	119	1	