

## ER-2 #809 05/15/13

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

Flight Number: 13-9045

Payload Configuration: NPP - AVIRIS, MASTER, NAST-M, S-HIS, NAST-I

Nav Data Collected: Yes

Total Flight Time: 7.4 hours

Submitted by: Chris Miller on 05/17/13

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	05/15/13 15:37 Z	<b>Finish:</b>	05/15/13 23:03 Z
<b>Flight Time:</b>	7.4 hours		
<b>Log Number:</b>	<a href="#">132007</a>	<b>PI:</b>	Allen Larar
<b>Funding Source:</b>	Allen Larar - NASA - SMD - ESD LaRC - Funding PI		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	The flight objective was a Metop-A & B and an Aqua & NPP coincidence over the Gulf of California and Peninsula. There was also overflight of ground sites in Yuma and the Salton Sea. Weather was clear over the Gulf with low broken clouds over the west side of the Baja Peninsula. All instruments functioned well. A British Met Office BAE 146 aircraft did a similar science mission in the same area concurrent with the ER-2. An anomaly with the ER-2 idle was detected at engine start. Post flight tests confirmed that there was a problem. Repairs were made and the aircraft is flyable.		

### Flight Hour Summary:

	122025	132007	142011	152028
<b>Flight Hours Approved in SOFRS</b>		75		
<b>Flight Hours Previously Approved</b>			4.6	4.6
<b>Total Used</b>	0	70.4	0	0
<b>Total Remaining</b>				4.6

### 132007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/07/13 - 05/08/13</a>	13-9043	Science	6.1	6.1	68.9	
<a href="#">05/10/13</a>	13-9044	Science	5.7	11.8	63.2	
<a href="#">05/15/13</a>	13-9045	Science	7.4	19.2	55.8	
<a href="#">05/16/13</a>	13-9046	Science	6.7	25.9	49.1	
<a href="#">05/18/13</a>	13-6019	Science	6.1	32	43	
<a href="#">05/20/13</a>	13-6020	Science	8.2	40.2	34.8	
<a href="#">05/23/13</a>	13-6022	Science	5.3	45.5	29.5	
<a href="#">05/24/13</a>	13-6023	Science	6.6	52.1	22.9	
<a href="#">05/30/13</a>	13-6024	Science	5.5	57.6	17.4	
<a href="#">05/31/13</a>	13-6025	Science	6.5	64.1	10.9	
<a href="#">06/01/13</a>	13-6026	Science	6.3	70.4	4.6	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_05\\_15\\_13#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_05_15_13#comment-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.*

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