

## ER-2 #809 09/06/12

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

Flight Number: 12-9014

Payload Configuration: MABEL, CATS, CPL

Nav Data Collected: Yes

Total Flight Time: 2.2 hours

Comments: Good Flight. Some technical issues with the sensors. Analysis and troubleshooting is proceeding, however, science teams are optimistic that we'll be able to transit to Wallops as scheduled Friday morning. NASDAT/Iridium system worked well the entire flight for all three sensors.

Submitted by: Timothy Moes on 09/05/12

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	09/06/12 00:45 Z	<b>Finish:</b>	09/06/12 01:45 Z
<b>Flight Time:</b>	1 hours		
<b>Log Number:</b>	<a href="#">122034</a>	<b>PI:</b>	william cook
<b>Funding Source:</b>	Thorsten Markus - NASA - SMD - ESD ICESat-2 Project Scientist		
<b>Purpose of Flight:</b>	Check		

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	09/06/12 01:45 Z	<b>Finish:</b>	09/06/12 02:57 Z
<b>Flight Time:</b>	1.2 hours		
<b>Log Number:</b>	<a href="#">122018</a>	<b>PI:</b>	Matthew McGill
<b>Funding Source:</b>	Eduardo Torres-Martinez - NASA - SMD - ESD ESTO Program Manager - AITT Pgm Mgr		
<b>Purpose of Flight:</b>	Check		

### Flight Hour Summary:

	<b>122034</b>
<b>Flight Hours Approved in SOFRS</b>	47
<b>Total Used</b>	53.1
<b>Total Remaining</b>	-6.1

### 122034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">09/06/12</a>	12-9014	Check	1	1	46	
<a href="#">09/07/12</a>	12-9015	Transit	8.1	9.1	37.9	
<a href="#">09/09/12 - 09/10/12</a>	12-9016	Science	5.7	14.8	32.2	
<a href="#">09/11/12</a>	12-9017	Science	1.7	16.5	30.5	
<a href="#">09/14/12 - 09/15/12</a>	12-9018	Science	5.7	22.2	24.8	
<a href="#">09/15/12</a>	12-9019	Science	3.7	25.9	21.1	
<a href="#">09/19/12 - 09/20/12</a>	12-9021	Transit	8.8	34.7	12.3	
<a href="#">09/20/12 - 09/21/12</a>	12-9022	Science	5.8	40.5	6.5	
<a href="#">09/21/12 - 09/22/12</a>	12-9023	Science	4.8	45.3	1.7	
<a href="#">09/27/12</a>	12-9026	Science	3.8	49.1	-2.1	
<a href="#">09/28/12</a>	12-9027	Science	4	53.1	-6.1	

	<b>112030</b>	<b>122018</b>
<b>Flight Hours Approved in SOFRS</b>		24

<b>Total Used</b>	0	24
<b>Total Remaining</b>		0

<b>122018 Flight Reports</b>						
<b>Date</b>	<b>Flt #</b>	<b>Purpose of Flight</b>	<b>Duration</b>	<b>Running Total</b>	<b>Hours Remaining</b>	<b>Miles Flown</b>
<a href="#">06/20/12</a>	12-6066	Science	4.2	4.2	19.8	
<a href="#">06/21/12</a>	12-6067	Science	4.1	8.3	15.7	
<a href="#">09/06/12</a>	12-9014	Check	1.2	9.5	14.5	
<a href="#">09/23/12</a>	12-9024	Science	2.5	12	12	
<a href="#">09/24/12 - 09/25/12</a>	12-9025	Science	6.7	18.7	5.3	
<a href="#">09/26/12 - 09/27/12</a>	12-9026	Science	5.3	24	0	

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_09\\_06\\_12#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_09_06_12#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.*