

## ER-2 #809 09/09/12 - 09/10/12

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

Flight Number: 12-9016

Payload Configuration: MABEL, CATS, CPL

Nav Data Collected: Yes

Total Flight Time: 5.7 hours

Submitted by: Chris Jennison on 09/10/12

### Flight Segments:

<b>From:</b>	WFF	<b>To:</b>	WFF
<b>Start:</b>	09/09/12 19:54 Z	<b>Finish:</b>	09/10/12 01:39 Z
<b>Flight Time:</b>	5.7 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>	Science		
<b>Comments:</b>	The first science flight launched with the intent of collecting deciduous forest biomass measurements over the southeast U.S. Throughout the flight the pilot observed intermittent MABEL fail lights however NASDAT telemetry appeared nominal. The start up sequence was cycled but without positive effect. Data acquisition was aborted approximately four hours into the flight and the aircraft recalled to base. Plan for tomorrow is to be prepared to fly.		

### 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	

*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.*

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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