

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:

From:	WFF	To:	WFF
Start:	09/09/12 19:54 Z	Finish:	09/10/12 01:39 Z
Flight Time:	5.7 hours		
Log Number:	122034	PI:	william cook
Funding Source:	Thorsten Markus - NASA - SMD - ESD ICESat-2 Project Scientist		
Purpose of Flight:	Science		
Comments:	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:

	122034
Flight Hours Approved in SOFRS	47
Total Used	53.1
Total Remaining	-6.1

122034 Flight Reports

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

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