

## ER-2 #809 09/21/12 - 09/22/12

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

Flight Number: 12-9023

Payload Configuration: MABEL, CATS, CPL

Nav Data Collected: Yes

Total Flight Time: 4.8 hours

Submitted by: Chris Jennison on 09/22/12

### Flight Segments:

|                           |   |                |                  |
|---------------------------|---|----------------|------------------|
| <b>From:</b>              | WAL   | <b>To:</b>     | WAL              |
| <b>Start:</b>             | 09/21/12 20:58 Z  | <b>Finish:</b> | 09/22/12 01:33 Z |
| <b>Flight Time:</b>       | 4.8 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>          | Science flight six repeated mid-Atlantic, Fort A.P. Hill, & the Chesapeake Bay. MABEL appears to have worked well & data rates compared to Flight 12-9022 seem to confirm that data was successfully acquired from that flight also. CATS fail lights exhibited some anomalies. |                |                  |

### 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.*

NASA Official: Marilyn Vasques

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**Source URL:** [https://espo.nasa.gov/hs3/flight\\_reports/ER-2\\_809\\_09\\_21\\_12\\_-\\_09\\_22\\_12#comment-0](https://espo.nasa.gov/hs3/flight_reports/ER-2_809_09_21_12_-_09_22_12#comment-0)