

## ER-2 #809 01/28/13

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

Flight Number: 13-9021

Payload Configuration: AirMSPI, AMS, CPL, PACS, SSFR (w/out lower tilt table), and RSP

Nav Data Collected: Yes

Total Flight Time: 4.3 hours

Submitted by: Chris Miller on 01/29/13

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	01/28/13 18:39 Z	<b>Finish:</b>	01/28/13 22:58 Z
<b>Flight Time:</b>	4.3 hours		
<b>Log Number:</b>	<a href="#">132302</a>	<b>PI:</b>	David Starr
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	The objective of this flight was coordinated over-ocean flight over broken strato-cumulus clouds. The ER-2 flew a crossing pattern timed to coincide with at Terra satellite overpass. The P3 flew a grid of stairstep legs at the center of the pattern. The B200 also participated. One of the primary instruments on the ER-2 failed at the beginning of the flight. All other instruments collected data. A loose hatch was discovered on the ER-2 after landing and the aircraft is currently grounded until the cause is understood.		

### Flight Hour Summary:

	122022	132302
<b>Flight Hours Approved in SOFRS</b>	48	6.8
<b>Total Used</b>	6.8	55.6
<b>Total Remaining</b>		-48.8

### 132302 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">01/14/13</a>	13-9016	Check	3.2	3.2	3.6	
<a href="#">01/16/13</a>	13-9017	Science	2.7	5.9	0.9	
<a href="#">01/18/13</a>	13-9018	Science	4.6	10.5	-3.7	
<a href="#">01/20/13</a>	13-9019	Science	4.8	15.3	-8.5	
<a href="#">01/22/13 - 01/23/13</a>	13-9020	Science	6.9	22.2	-15.4	
<a href="#">01/28/13</a>	13-9021	Science	4.3	26.5	-19.7	
<a href="#">01/31/13</a>	13-9022	Science	5.4	31.9	-25.1	
<a href="#">02/01/13</a>	13-9023	Science	5.6	37.5	-30.7	
<a href="#">02/03/13</a>	13-9024	Science	5	42.5	-35.7	
<a href="#">02/06/13</a>	13-9025	Science	6.3	48.8	-42	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_01\\_28\\_13#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_01_28_13#comment-0)

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NASA Official: Bruce A. Tagg

*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.*

### 122022 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">07/17/12</a>	12-9005	Other	2.6	2.6	45.4	

