

## ER-2 #809 06/08/14

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

Flight Number: 14-9032

Payload Configuration: AMPR, HIWRAP, CRS, EXTRAD, COSMIR, LIP, INMARSAT

Nav Data Collected: Yes

Total Flight Time: 4.3 hours

Submitted by: Charles E. Irving on 06/08/14

### Flight Segments:

<b>From:</b>	WRB	<b>To:</b>	WRB
<b>Start:</b>	06/08/14 17:00 Z	<b>Finish:</b>	06/08/14 21:15 Z
<b>Flight Time:</b>	4.3 hours		
<b>Log Number:</b>	<a href="#">142003</a>	<b>PI:</b>	Mathew Schwaller
<b>Funding Source:</b>	Mathew Schwaller - NASA - SMD - ESD GPM Program Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	<p>Today's flight took off at 1300 local (delayed 2 hours to await weather) and landed at 1718 local (4.3 hr duration). The flight sampled scattered diurnal convection over Pigeon area in North Carolina in conjunction with GPM overpass at 1447 local. The ER-2 flew several racetracks in coordination with the UND Citation. At approximately 1350 minutes the pilot observed COSMIR stopped rotating – it was reset and appeared to operate normally for remainder of flight (post flight data analysis pending). Also, one of LIP field mills malfunctioned in flight at approximately 1400 local and failed to function after reset – it will be troubleshoot during tomorrow's no-fly day. The aircraft returned safely and with no squawks.</p>		

### Flight Hour Summary:

	132001	142003
<b>Flight Hours Approved in SOFRS</b>		98
<b>Total Used</b>	0	98.2
<b>Total Remaining</b>		-0.2

### 142003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/01/14</a>	14-9015	Check	3.3	3.3	94.7	
<a href="#">05/03/14</a>	14-9016	Transit	7.2	10.5	87.5	
<a href="#">05/04/14</a>	14-9017	Science	3.4	13.9	84.1	
<a href="#">05/07/14</a>	14-9018	Check	2.1	16	82	
<a href="#">05/15/14</a>	14-9020	Science	6.4	22.4	75.6	
<a href="#">05/16/14</a>	14-9021	Science	6.9	29.3	68.7	
<a href="#">05/18/14</a>	14-9022	Science	5.7	35	63	
<a href="#">05/19/14</a>	14-9023	Science	5.1	40.1	57.9	
<a href="#">05/23/14 - 05/24/14</a>	14-9024	Science	6	46.1	51.9	
<a href="#">05/24/14 - 05/25/14</a>	14-9025	Science	4.7	50.8	47.2	
<a href="#">05/26/14</a>	14-9026	Science	3.5	54.3	43.7	
<a href="#">05/29/14</a>	14-9028	Science	7.5	61.8	36.2	
<a href="#">06/02/14</a>	14-9029	Science	4.4	66.2	31.8	
<a href="#">06/05/14</a>	14-9030	Science	4.4	70.6	27.4	
<a href="#">06/06/14</a>	14-9031	Science	1.1	71.7	26.3	
<a href="#">06/08/14</a>	14-9032	Science	4.3	76	22	
<a href="#">06/11/14</a>	14-9033	Science	8.1	84.1	13.9	
<a href="#">06/12/14</a>	14-9034	Science	7.9	92	6	
<a href="#">06/14/14</a>	14-9035	Transit	6.2	98.2	-0.2	

Source URL: [https://espo.nasa.gov/aase/flight\\_reports/ER-2\\_809\\_06\\_08\\_14#comment-0](https://espo.nasa.gov/aase/flight_reports/ER-2_809_06_08_14#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.*

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