

## ER-2 #809 05/23/14 - 05/24/14

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

Flight Number: 14-9024

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

Nav Data Collected: Yes

Total Flight Time: 6 hours

Submitted by: Charles E. Irving on 05/24/14

### Flight Segments:

<b>From:</b>	WRB	<b>To:</b>	WRB
<b>Start:</b>	05/23/14 20:53 Z	<b>Finish:</b>	05/24/14 02:51 Z
<b>Flight Time:</b>	6 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>	Our initial objective was to observe some convection forming off the Carolina Coast - however, after take-off the ER-2 headed north to observe a storm forming east of the Charlotte area. The storm turned out to be an excellent target allowing data to be collected over ground stations, a fortunate coordinated ER-2/storm/GPM overpass at 2316Z. A couple of ER-2/Citation overpasses were accomplished as well. Instruments functioned nominally, with exception of COSMIR experiencing 3 R1 failures and potential recording issues (under investigation). All aircraft systems functioned well.		

### 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\\_05\\_23\\_14\\_-\\_05\\_24\\_14#comment-0](https://espo.nasa.gov/aase/flight_reports/ER-2_809_05_23_14_-_05_24_14#comment-0)

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

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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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