

ER-2 #809 06/05/14

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

Flight Number: 14-9030

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

Nav Data Collected: Yes

Total Flight Time: 4.4 hours

Submitted by: Charles E. Irving on 06/05/14

Flight Segments:

From:	WRB	To:	WRB
Start:	06/05/14 06:00 Z	Finish:	06/05/14 10:22 Z
Flight Time:	4.4 hours		
Log Number:	142003	PI:	Mathew Schwaller
Funding Source:	Mathew Schwaller - NASA - SMD - ESD GPM Program Manager		
Purpose of Flight:	Science		
Comments:	ER-2 809 took off at 0200 local and landed at 0622 local (4.4 hr duration). The first portion of the mission was flown over a Mesoscale Convective System over Eastern Tennessee, including several racetracks in coordination with the Citation. Following a successful TRMM underpass at 0509 local, the ER-2 completed one additional line and headed home. The instruments performed without issue – a CRS fault was noted 3 hours into flight, but was remotely reset in time for TRMM overpass. Aircraft returned safely – ready for next flight.		

Flight Hour Summary:

	132001	142003
Flight Hours Approved in SOFRS		98
Total Used	0	98.2
Total Remaining		-0.2

142003 Flight Reports

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

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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.
