

ER-2 #809 06/06/14

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

Flight Number: 14-9031

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 06/06/14

Flight Segments:

From:	WRB	To:	WRB
Start:	06/06/14 16:08 Z	Finish:	06/06/14 19:26 Z
Flight Time:	3.3 hours		
Log Number:	142017 - Completed as of this flight.	PI:	David Starr
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	ER-2 809 took off at 1208 local and landed at 0633 local (4.4 hr duration). The first portion of the mission was an off shore CLOUDSAT underpass at 1415 local approximately 450 nautical miles from Savannah, GA. On the way home, the ER-2 sampled convection in the general vicinity of a GPM overpass. The aircraft returned safe and sound. Two HIWRAP failures were noted in flight, but reset in a timely manner and were not during critical data collection periods.		

From:	WRB	To:	WRB
Start:	06/06/14 19:26 Z	Finish:	06/06/14 20:33 Z
Flight Time:	1.1 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 1208 local and landed at 0633 local (4.4 hr duration). The first portion of the mission was an off shore CLOUDSAT underpass at 1415 local approximately 450 nautical miles from Savannah, GA. On the way home, the ER-2 sampled convection in the general vicinity of a GPM overpass. The aircraft returned safe and sound. Two HIWRAP failures were noted in flight, but reset in a timely manner and were not during critical data collection periods.		

Flight Hour Summary:

	142017
Flight Hours Approved in SOFRS	15
Total Used	15
Total Remaining	0

142017 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/12/14	14-9019	Science	6.2	6.2	8.8	
05/28/14	14-9025	Science	5.5	11.7	3.3	
06/06/14	14-9031	Science	3.3	15	0	

	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
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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.