

ER-2 #806 08/14/15

Aircraft:

[ER-2 - AFRC #806](#) (See full schedule)

Flight Number:

15-6048

Payload Configuration:

CPL/ACATS, TinMan, ARMAS-lite

Nav Data Collected:

Yes

Total Flight Time:

2.6 hours

Submitted by:

Charles E. Irving on 08/17/15

Flight Segments:

From:	PMD	To:	PMD
Start:	08/14/15 20:00 Z	Finish:	08/14/15 22:34 Z
Flight Time:	2.6 hours		
Log Number:	152034	PI:	Matthew McGill
Funding Source:	Charles Trepte - NASA - SMD - ESD CALIPSO Project Scientist		
Purpose of Flight:	Science		
Comments:	Objective of flight was ISS and Calipso satellite underpasses. During flight, CPL experienced multiple R2 failures - suspected cause was overheating leading to shutdown. Due to instrument problems and lack of preferred weather conditions at target, mission was cut short and aircraft RTB'd. Aircraft returned with no reported anomalies. TN 806 has 14 hours remaining until mandatory 600 hour maintenance.		

Flight Hour Summary:

	152034	162025	172035
Flight Hours Approved in SOFRS	43		
Flight Hours Previously Approved		6.8	6.8
Total Used	36.2	0	2.3
Total Remaining			4.5

172035 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/06/17	17-9023	Check	2.3	2.3	4.5	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_08_14_15#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.

152034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/06/15	15-6044	Check	2.1	2.1	40.9	
08/07/15	15-6045	Science	6.5	8.6	34.4	
08/11/15 - 08/12/15	15-6046	Science	6	14.6	28.4	

08/12/15 - 08/13/15	15-6047	Science	6	20.6	22.4
08/14/15	15-6048	Science	2.6	23.2	19.8
08/18/15	15-6049	Science	5.8	29	14
08/19/15	15-6050	Science	3.7	32.7	10.3
08/20/15	15-6051	Science	3.5	36.2	6.8