ER-2 #809 06/21/13

Aircraft: ER-2 - AFRC #809 (See full schedule)
Flight Number: 13-9047
Payload Configuration: eMAS & MTP
Nav Data Collected: Yes
Total Flight Time: 2 hours
Submitted by: Timothy Moes on 06/26/13
Flight Segments:

From:	PMD	**To:**	PMD
Start:	06/21/13 19:30 Z	**Finish:**	06/21/13 21:30 Z
Flight Time:	2 hours		
Log Number:	132015	**PI:**	Jeffrey Myers
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	Early RTB initiated when telemetry indicated eMAS scan head vacuum pressure and detector temperature rising during flight. This was also the first flight of a new engine. The pilot reported s/n 118 engine has an airframe resonance throughout the RPM and airspeed ranges. His characterization is that the engine is a "rumbler".		

Flight Hour Summary:

	122024	132015	142013
Flight Hours Approved in SOFRS	20		
Flight Hours Previously Approved		9.8	3.5
Total Used	10.2	6.3	2.9
Total Remaining			0.6

142013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/24/13	14-6004	Science	2.9	2.9	0.6	

132015 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
05/02/13	13-9041	Science	1	1	8.8	
06/21/13	13-9047	Science	2	3	6.8	
07/01/13	13-6038	Science	3.3	6.3	3.5	

Source URL: https://espo.nasa.gov/hs3/flight_reports/ER-2_809_06_21_13#comment-0

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.

122024 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/22/12	12-9011	Science	2.3	2.3	17.7	
08/28/12	12-9012	Science	1.7	4	16	
08/30/12 - 08/31/12	12-9013	Science	6.2	10.2	9.8	