

ER-2 #806 09/06/18

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

Flight Number: 18-6078

Payload Configuration: MARBLE, MVIS, AVIRIS, HyTES, MASTER

Nav Data Collected: Yes

Total Flight Time: 3.3 hours

Submitted by: Fran Becker on 09/06/18

Flight Segments:

From:	PMD	To:	PMD
Start:	09/06/18 15:50 Z	Finish:	09/06/18 19:10 Z
Flight Time:	3.3 hours		
Log Number:	182027	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		
Miles Flown:	1310 miles		
Comments:	Instrument upload, startup and takeoff went smoothly. Takeoff time was 0850L and landed at 1208L. Planned and completed Ivanpah calibration and mountain pass lines. Pilot reported weather up to 25% clouds on first Ivanpah lines, 10% on second lines, and reflw first lines again for clear skies. Mountain pass had clouds up to 30% for the first pass, valley was clear, second reflw of mountain pass was 10% clouds. There were issues for the HyTES instrument after take off. Greg Nelson was the pilot.		

Flight Hour Summary:

	182027
Flight Hours Approved in SOFRS	48
Total Used	33.4
Total Remaining	14.6

182027 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
06/21/18	18-6058	Science	5.5	5.5	42.5	
06/22/18	18-6059	Science	4.7	10.2	37.8	
06/25/18	18-6060	Science	7.4	17.6	30.4	
06/28/18	18-6062	Science	5.3	22.9	25.1	
08/16/18 - 08/17/18	18-6072	Science	7.2	30.1	17.9	0
09/06/18	18-6078	Science	3.3	33.4	14.6	1310

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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