

ER-2 - AFRC #809 03/29/21

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

Flight Number: 21-9037

Payload Configuration: AVIRIS, MASTER

Nav Data Collected: Yes

Total Flight Time: 6 hours

Submitted by: Brian Hobbs on 03/30/21

Flight Segments:

From:	PMD	To:	PMD
Date:	03/29/21		
Flight Time:	6 hours		
Log Number:	212023	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		
Miles Flown:	1268 miles		
Comments:	This was the sixth science flight with the WDTS payload. Target was the Yosemite Box with soda straw. Take off occurred 1005 local. Instruments ran well. Aircraft is good. Overall, the weather looked good except for the last line which may have had low clouds in the eastern most portion. Soda straw was clear with normal haze. Flight altitudes were low for the first few lines. Last 3 lines were flown at 65k ft. Severe clear the entire flight. Landed 1609L. Tim Williams was the pilot.		

Flight Hour Summary:

	212023
Flight Hours Approved in SOFRS	45
Total Used	45.8
Total Remaining	-0.8

212023 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/09/21	21-9028	Check	2.2	2.2	42.8	477
02/10/21	21-9029	Science	5.3	7.5	37.5	2027
02/24/21	21-9030	Science	3.5	11	34	0
03/16/21	21-9032	Science	3	14	31	0
03/24/21	21-9035	Science	5.8	19.8	25.2	0
03/26/21	21-9036	Science	7	26.8	18.2	2577
03/29/21	21-9037	Science	6	32.8	12.2	1268
03/30/21	21-9038	Science	5.7	38.5	6.5	2087
04/02/21	21-9039	Science	7.3	45.8	-0.8	3058

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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