

ER-2 - AFRC #809 10/01/19

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

Flight Number: 20-9001

Payload Configuration: AVIRIS, HyTES, MVIS

Nav Data Collected: Yes

Total Flight Time: 5.5 hours

Submitted by: Brian Hobbs on 10/01/19

Flight Segments:

From:	PMD	To:	PMD
Date:	10/01/19		
Flight Time:	5.5 hours		
Log Number:	202018	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		
Miles Flown:	2085 miles		
Comments:	Takeoff time was 0948L and landing at 1517L. HyTES did not come up when transferring from their ground power to aircraft power after engine start, so only AVIRIS & MVIS collected data today. Flew the Yosemite HysPIRI lines with soda straw. Tim Williams was the pilot		

Flight Hour Summary:

	192019	202018	212020
Flight Hours Approved in SOFRS	45		
Flight Hours Previously Approved		35.2	13.5
Total Used	9.8	21.7	29
Total Remaining			-15.5

212020 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/05/20	21-9001	Science	3.2	3.2	10.3	1061
10/06/20	21-9002	Science	3.1	6.3	7.2	1061
10/07/20	21-9003	Science	7.9	14.2	-0.7	0
10/12/20	21-9005	Science	1.1	15.3	-1.8	0
10/13/20	21-9006	Science	7.6	22.9	-9.4	2869
10/15/20	21-9007	Science	6.1	29	-15.5	2266

202018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/01/19	20-9001	Science	5.5	5.5	29.7	2085
09/17/20	20-9055	Science	3.1	8.6	26.6	832
09/24/20	20-9056	Science	6.5	15.1	20.1	1986
09/25/20	20-9056	Science	0.6	15.7	19.5	229
09/30/20	20-9056	Science	6	21.7	13.5	2292

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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.

192019 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
09/12/19	19-9026	Science	2.2	2.2	42.8	836
09/20/19	19-9027	Science	2.1	4.3	40.7	798
09/25/19	19-9028	Science	5.5	9.8	35.2	0