

ER-2 - AFRC #809 10/12/20

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

Flight Number: 21-9005

Payload Configuration: AVIRIS, MASTER, PICARD, HyTES, MVIS Computer

Nav Data Collected: Yes

Total Flight Time: 1.1 hours

Submitted by: Brian Hobbs on 10/12/20

Flight Segments:

From:	PMD	To:	PMD
Date:	10/12/20		
Flight Time:	1.1 hours		
Log Number:	212020	PI:	Robert Green
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		
Comments:	This was the seventh science flight with the WDTS payload. Take off at 0937 local. No sensor issues. Aircraft transponder failed after takeoff requiring a return to base. No science data collected. Landed 1045L. 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

Source URL: https://espo.nasa.gov/aase/flight_reports/ER-2_-_AFRC_809_10_12_20

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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
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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