

## 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:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	10/12/20		
<b>Flight Time:</b>	1.1 hours		
<b>Log Number:</b>	<a href="#">212020</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	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
<b>Flight Hours Approved in SOFRS</b>	45		
<b>Flight Hours Previously Approved</b>		35.2	13.5
<b>Total Used</b>	9.8	21.7	29
<b>Total Remaining</b>			-15.5

### 212020 Flight Reports

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

### 202018 Flight Reports

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

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_-\\_AFRC\\_809\\_10\\_12\\_20](https://airbornescience.nasa.gov/flight_reports/ER-2_-_AFRC_809_10_12_20)

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NASA Official: Bruce A. Tagg

*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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<a href="#">09/12/19</a>	19-9026	Science	2.2	2.2	42.8	836
<a href="#">09/20/19</a>	19-9027	Science	2.1	4.3	40.7	798
<a href="#">09/25/19</a>	19-9028	Science	5.5	9.8	35.2	0