

ER-2 - AFRC #809 09/30/20

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

Flight Number: 20-9056

Payload Configuration: AVIRIS, MASTER, PICARD, MVIS Computer

Nav Data Collected: Yes

Total Flight Time: 6 hours

Submitted by: Brian Hobbs on 09/30/20

Flight Segments:

| | | | |
|---------------------------|--|------------|--------------|
| From: | PMD | To: | PMD |
| Date: | 09/30/20 | | |
| Flight Time: | 6 hours | | |
| Log Number: | 202018 | PI: | Robert Green |
| Funding Source: | Jack Kaye - NASA - SMD - ESD Director Research and Analysis | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 2292 miles | | |
| Comments: | This was the third science flight with the WDTS payload. There was a delay for takeoff due life support and aircraft servicing. Take off was 1010 local. First portion of Soda line was mildly smoke covered. Santa Barbara severe clear apart from west end lines over water which was scattered and broken. Completed the soda straw and Santa Barbara box. Landed 1610L. Greg Nelson 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/solve/flight_reports/ER-2_-_AFRC_809_09_30_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 |
|--------------------------|--------------|--------------------------|-----------------|----------------------|------------------------|--------------------|
| 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 |