

ER-2 - AFRC #809 08/02/19

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

Flight Number: 19-9009

Payload Configuration: AirMSPI-1, AVIRIS-CL, CPL, eMAS, GCAS, NAST-I, S-HIS

Nav Data Collected: Yes

Total Flight Time: 4.3 hours

Comments: Takeoff time was 1158L and landed at 1616L. Planned and completed FIREX-AQ science flight with targets: Dixon Fire; Lake Tahoe; Ames Research Center; Mills Fire; Coast line. Pilot reported no visible smoke or fire seen from cockpit. Clear skies over land all day; clouds just outside coast over water. Temperature at altitude -56, significantly warmer than yesterday. Tim Williams was the pilot.

Submitted by: Fran Becker on 08/02/19

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | PMD | To: | PMD |
| Start: | 08/02/19 18:58 Z | Finish: | 08/02/19 23:16 Z |
| Flight Time: | 4.3 hours | | |
| Log Number: | 192004 | PI: | Barry Lefer |
| Funding Source: | Barry Lefer - NASA - SMD - ESD Tropospheric Composition Program | | |
| Purpose of Flight: | Science | | |
| Miles Flown: | 1634 miles | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 192004 |
| Flight Hours Approved in SOFRS | 70 |
| Total Used | 63.3 |
| Total Remaining | 6.7 |

192004 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 08/01/19 | 19-9008 | Check | 1.7 | 1.7 | 68.3 | 646 |
| 08/02/19 | 19-9009 | Science | 4.3 | 6 | 64 | 1634 |
| 08/06/19 | 19-9010 | Science | 7.7 | 13.7 | 56.3 | 2012 |
| 08/07/19 | 19-9011 | Science | 7.1 | 20.8 | 49.2 | 2480 |
| 08/08/19 | 19-9012 | Science | 7.9 | 28.7 | 41.3 | 3015 |
| 08/12/19 | 19-9013 | Science | 2 | 30.7 | 39.3 | 760 |
| 08/13/19 | 19-9014 | Science | 3.2 | 33.9 | 36.1 | 1094 |
| 08/15/19 | 19-9015 | Science | 7 | 40.9 | 29.1 | 2013 |
| 08/16/19 - 08/17/19 | 19-9016 | Science | 6.8 | 47.7 | 22.3 | 2584 |
| 08/19/19 | 19-9017 | Science | 3.2 | 50.9 | 19.1 | 1216 |
| 08/20/19 | 19-9018 | Science | 5.7 | 56.6 | 13.4 | 961 |
| 08/21/19 | 19-9019 | Science | 6.7 | 63.3 | 6.7 | 1562 |

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.

Flight Tracks:

| Attachment | Size |
|---|---------|
|  Fire-X 8 2CAPlus_19.08.02.kml | 8.02 KB |

Page Editor: Brad Bulger

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