

## 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:**

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

**Flight Hour Summary:**

	<b>192004</b>
<b>Flight Hours Approved in SOFRS</b>	70
<b>Total Used</b>	63.3
<b>Total Remaining</b>	6.7

**192004 Flight Reports**

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

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NASA Official: Marilyn Vasques

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**Source URL:** [https://espo.nasa.gov/solve/flight\\_reports/ER-2\\_-\\_AFRC\\_809\\_08\\_02\\_19#comment-0](https://espo.nasa.gov/solve/flight_reports/ER-2_-_AFRC_809_08_02_19#comment-0)