

## ER-2 #809 02/28/17

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

**Flight Number:** 17-9016

**Payload Configuration:** AVIRIS-NG

**Nav Data Collected:** Yes

**Total Flight Time:** 4.5 hours

**Comments:** Takeoff at 1005 PST; Landing at 1435 for a 4.5 hour mission. The ER-2 took off 5 minutes late because of Air Traffic Control. As during the first flight of AVIRIS-NG, the Q8 fail light started solid then flashed randomly during the entire flight – no discernible pattern. The random flashing would change during a turn. Over the southern part of Catalina, the clouds were few. The Ivanpah line was clear except for few clouds over the southern end. Tim flew the Ivanpah line at 70k feet. Tim noted many high clouds over southern California during descent but the sky was clear-to-few clouds over the targets. Tim Williams was the pilot. This flight completed the Flight Request 172024 in SOFRS.

**Submitted by:** Kevin Walsh on 03/02/17

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Start:</b>	02/28/17 18:05 Z	<b>Finish:</b>	02/28/17 22:35 Z
<b>Flight Time:</b>	4.5 hours		
<b>Log Number:</b>	<a href="#">172024</a> - Completed as of this flight.	<b>PI:</b>	Charles Sarture
<b>Funding Source:</b>	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
<b>Purpose of Flight:</b>	Check		
<b>Comments:</b>	To conduct an engineering check-out flight of the AVIRIS-NG instrument over standard AVIRIS calibration targets.		

### Flight Hour Summary:

	162031	172024
<b>Flight Hours Approved in SOFRS</b>	6	
<b>Flight Hours Previously Approved</b>		6
<b>Total Used</b>	0	6.9
<b>Total Remaining</b>		-0.9

### 172024 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">02/21/17</a>	17-9015	Check	2.4	2.4	3.6	
<a href="#">02/28/17</a>	17-9016	Check	4.5	6.9	-0.9	

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_02\\_28\\_17#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_02_28_17#comment-0)

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*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.*