

ER-2 #806 05/12/16

Aircraft: [ER-2 - AFRC #806](#) ([See full schedule](#))

Flight Number: 16-6019

Payload Configuration: AVIRIS-C and PICARD

Nav Data Collected: Yes

Total Flight Time: 5.3 hours

Comments: The objective for Flight 16-6019 was to fly over the Sierra snowpack with AVIRIS-C with the PICARD instrument flying piggyback. The target area was Sagehen, north of Lake Tahoe, like the 1st Snow Research flight on March 24. Several people commented that for today's flight, the atmosphere was the driest it's been in months. AVIRIS had a power glitch during pre-flight checks. Chuck Sarture wasn't sure if the spectrometer was working until he determined later in the flight that it was working. Dean flew the lines east - west as Ian McCubbin suggested. All of the lines were flown in order. Had some mid-level haze. At the north end of the lines there were a few small clouds SW of Lake Tahoe. AVIRIS was topped off at the 4-hour mark. A very successful flight. Dean Neeley was the pilot.

Submitted by: Kevin Walsh on 05/13/16

Flight Segments:

From:	PMD	To:	PMD
Date:	05/12/16		
Flight Time:	5.3 hours		
Log Number:	162023	PI:	Ian McCubbin
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	152006	162023
Flight Hours Approved in SOFRS	15	4
Flight Hours Previously Approved		10.6
Total Used	4.4	14.1
Total Remaining		0.5

162023 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
03/24/16	16-6006	Science	3.8	3.8	10.8	
05/12/16	16-6019	Science	5.3	9.1	5.5	
05/18/16	16-6020	Science	5	14.1	0.5	

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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.

152006 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/24/15	15-6020	Science	4.4	4.4	10.6	