

ER-2 #809 02/05/16

Aircraft:

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

Flight Number:

16-9038

Payload Configuration:

AirMSPI-1; AVIRIS-C; SPEX

Nav Data Collected:

Yes

Total Flight Time:

2.7 hours

Comments:

The objective for flight 16-9038 was to under-fly the MISER instrument aboard the Terra Satellite over the CA Central Valley. All ?lines? were covered according to plan. For AirMSPI-1, the ER-2 airspeed was held at 402 kts +/- 1 kt. The air was smooth with temperature between -57 deg to -59 deg F. Under-flight of the Terra Satellite was within 4 sec. Mike Garay from the AirMSPI team said that Tim nailed the under-pass. Tim said there were no cirrus clouds but there were persistent contrails (10-12 minutes or about 100 miles). The contrails started to fill in. These contrails would look opaque through a polarimeter. All instruments performed as expected ? no issues.

Submitted by:

Kevin Walsh on 02/05/16

Flight Segments:

From:	PMD	To:	PMD
Date:	02/05/16		
Flight Time:	2.7 hours		
Log Number:	162022	PI:	David Diner
Funding Source:	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
Purpose of Flight:	Science		

Flight Hour Summary:

	152025	162022	172034
Flight Hours Approved in SOFRS	6		
Flight Hours Previously Approved		6	1.9
Total Used	0	4.1	0
Total Remaining			1.9

162022 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/30/15	16-9012	Check	0.5	0.5	5.5	
11/02/15	16-9011	Check	0.9	1.4	4.6	
02/05/16	16-9038	Science	2.7	4.1	1.9	

Source URL: https://espo.nasa.gov/oracles/flight_reports/ER-2_809_02_05_16#comment-0

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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.