

ER-2 #806 05/24/18

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

Flight Number: 18-6049

Payload Configuration: MISTiC Winds - HyTES, AVIRIS and MISTiC Winds

Nav Data Collected: No

Total Flight Time: 4.9 hours

Submitted by: Brian Hobbs on 05/25/18

Flight Segments:

| | | | |
|---------------------------|---|------------|-----------------|
| From: | Palmdale, CA | To: | Palmdale, CA |
| Date: | 05/24/18 | | |
| Flight Time: | 4.9 hours | | |
| Log Number: | 182019 | PI: | Kevin Maschhoff |
| Funding Source: | Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager | | |
| Purpose of Flight: | Science | | |
| Comments: | Flight #2 for MISTiC Winds. HyTES without scanhead and AVIRIS flew piggyback. Tim Williams was the pilot. Accomplished the entire flight plan. Orbit 1 had a marine layer and low 100% cloud cover. Orbit 2 was clear to very few clouds. Orbit 3 clear to very few clouds. Orbit 4 had a marine layer with some break in the clouds. | | |

Flight Hour Summary:

| | 172013 | 182019 |
|---|--------|--------|
| Flight Hours Approved in SOFRS | 8 | 16.9 |
| Flight Hours Previously Approved | | 2.9 |
| Total Used | 5.1 | 19.8 |
| Total Remaining | | -0 |

182019 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 12/04/17 | 18-6011 | Science | 4.8 | 4.8 | 15 | |
| 05/23/18 | 18-6048 | Science | 5.7 | 10.5 | 9.3 | |
| 05/24/18 | 18-6049 | Science | 4.9 | 15.4 | 4.4 | |
| 05/25/18 | 18-6049 | Science | 4.4 | 19.8 | -0 | |

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_05_24_18#comment-0

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NASA Official: Bruce A. Tagg

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.

172013 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 05/11/17 | 17-6036 | Check | 2.6 | 2.6 | 5.4 | |
| 05/15/17 | 17-6038 | Check | 2.5 | 5.1 | 2.9 | |