

## 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:

<b>From:</b>	Palmdale, CA	<b>To:</b>	Palmdale, CA
<b>Date:</b>	05/24/18		
<b>Flight Time:</b>	4.9 hours		
<b>Log Number:</b>	<a href="#">182019</a>	<b>PI:</b>	Kevin Maschhoff
<b>Funding Source:</b>	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	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
<b>Flight Hours Approved in SOFRS</b>	8	16.9
<b>Flight Hours Previously Approved</b>		2.9
<b>Total Used</b>	5.1	19.8
<b>Total Remaining</b>		-0

### 182019 Flight Reports

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

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_806\\_05\\_24\\_18#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_806_05_24_18#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.*

### 172013 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/11/17</a>	17-6036	Check	2.6	2.6	5.4	
<a href="#">05/15/17</a>	17-6038	Check	2.5	5.1	2.9	