

## DCOTSS - ER-2 - AFRC #806 06/02/22 Science Report

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

**Date:** Thursday, June 2, 2022

**Mission:** DCOTSS

**Mission Location:** Salina, KS

**Mission Summary:**

RF14 flight report

**Submitted by:** Kenneth Bowman on 06/14/22

**File:**

 [DCOTSS Science Flight Summary Report RF14 2022-06-02.pdf](#)

**Related Flight Report:**

### ER-2 - AFRC #806 06/02/22

**NOTE:** All flight reports will be archived as NASA public data in the DAAC.

**Flight Number:** 22-6011

**Payload Configuration:** AWAS, CAFE, CANOE, ROZE, DPOPS, PALMS, MMS, HAL, HWV, HUPCRS, WI-ICOS, AVS PTZ, MVIS, AUCATS

**Nav Data Collected:** Yes

**Total Flight Time:** 7.5 hours

**Comments:** This was the third science flight for the DCOTSS campaign. Take off occurred at 1056L. Flew across Tennessee and North Carolina to sample remnants from storm that was sampled 2 days ago. Landed at 1828L. Tim Williams was the pilot.

**Submitted by:** Ken Norlin on 06/02/22

**Flight Segments:**

<b>From:</b>	KSLN	<b>To:</b>	KSLN
<b>Start:</b>	06/02/22 15:58 Z	<b>Finish:</b>	06/02/22 23:28 Z
<b>Flight Time:</b>	7.5 hours		
<b>Log Number:</b>	<a href="#">222004</a>	<b>PI:</b>	Kenneth Bowman
<b>Funding Source:</b>	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
<b>Purpose of Flight:</b>	Science		
<b>Miles Flown:</b>	2438 miles		

**Flight Hour Summary:**

	<b>222004</b>
<b>Flight Hours Approved in SOFRS</b>	166
<b>Total Used</b>	102.2
<b>Total Remaining</b>	63.8

#### 222004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">05/13/22</a>	22-6007	Check	3.8	3.8	162.2	1426
<a href="#">05/26/22</a>	22-6008	Transit	5.4	9.2	156.8	1675
<a href="#">05/29/22</a>	22-6008	Science	5	14.2	151.8	1803
<a href="#">05/31/22 - 06/01/22</a>	22-6010	Science	5.1	19.3	146.7	1862

<a href="#">06/02/22</a>	22-6011	Science	7.5	26.8	139.2	2438
<a href="#">06/05/22</a>	22-6012	Science	7.6	34.4	131.6	2676
<a href="#">06/08/22</a>	22-6013	Science	7.5	41.9	124.1	2488
<a href="#">06/10/22</a>	22-6014	Science	8.2	50.1	115.9	2731
<a href="#">06/21/22</a>	22-6016	Science	7	57.1	108.9	1793
<a href="#">06/24/22 - 06/25/22</a>	22-6017	Science	7.5	64.6	101.4	3104
<a href="#">06/27/22 - 06/28/22</a>	22-6018	Science	5.9	70.5	95.5	2340
<a href="#">06/29/22 - 06/30/22</a>	22-6019	Transit	7.6	78.1	87.9	2735
<a href="#">07/07/22 - 07/08/22</a>	22-6020	Science	7.9	86	80	0
<a href="#">07/08/22</a>	22-6021	Science	8.2	94.2	71.8	2922
<a href="#">07/11/22 - 07/12/22</a>	22-6022	Science	8	102.2	63.8	2091

*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.*

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NASA Official: Bruce A. Tagg

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