

## ER-2 #809 12/13/15 - 12/14/15

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

Flight Number: 16-9028

Payload Configuration: AMPR, CPL, eMAS, HIWRAP and AirMSPI

Nav Data Collected: Yes

Total Flight Time: 8 hours

Submitted by: Charles E. Irving on 12/13/15

### Flight Segments:

<b>From:</b>	TCM	<b>To:</b>	TCM
<b>Start:</b>	12/13/15 15:59 Z	<b>Finish:</b>	12/14/15 00:01 Z
<b>Flight Time:</b>	8 hours		
<b>Log Number:</b>	<a href="#">162003</a>	<b>PI:</b>	David Starr
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	<p>Flight 16-9028 was the eleventh (and final) science mission from KTCM with AMPR, CPL, eMAS, HIWRAP and AirMSPI. Flight took off from KTCM at 0759 local and landed in KTCM at 1601 local (8.0 hours). Tim Williams was the pilot. The primary mission was to survey cold post frontal showers. Highlights of the flight were 33 AirMSPI lines as well as a TERRA satellite overpass. Aircraft performed fine with exception of continuing flakiness of autopilot yaw channel. Problems continued with Cloud Radar System (CRS). I took several resets attempts to get system running, and once it did the system was shut down due to loss of pressure (within instrument – not within ER-2 pod). Science flights are over. Transit flight scheduled for Tuesday, 15 December. 0900 take-off planned, 3 hour duration.</p>		

### Flight Hour Summary:

	<b>162003</b>
<b>Flight Hours Approved in SOFRS</b>	70
<b>Total Used</b>	70
<b>Total Remaining</b>	0

### 162003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">11/10/15</a>	16-9016	Check	2.3	2.3	67.7	
<a href="#">11/16/15</a>	16-9017	Transit	2.7	5	65	
<a href="#">11/18/15</a>	16-9018	Science	6.6	11.6	58.4	
<a href="#">11/23/15</a>	16-9019	Science	8.2	19.8	50.2	
<a href="#">11/24/15</a>	16-9020	Science	7.1	26.9	43.1	
<a href="#">12/01/15 - 12/02/15</a>	16-9021	Science	5.1	32	38	
<a href="#">12/03/15</a>	16-9022	Science	3.4	35.4	34.6	
<a href="#">12/04/15</a>	16-9023	Science	7	42.4	27.6	
<a href="#">12/05/15</a>	16-9024	Science	4	46.4	23.6	
<a href="#">12/08/15 - 12/09/15</a>	16-9025	Science	3	49.4	20.6	
<a href="#">12/10/15</a>	16-9026	Science	5.8	55.2	14.8	
<a href="#">12/12/15</a>	16-9027	Science	4.1	59.3	10.7	
<a href="#">12/13/15 - 12/14/15</a>	16-9028	Science	8	67.3	2.7	
<a href="#">12/15/15</a>	16-9029	Ferry	2.7	70	0	

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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