

Global Hawk #872 08/20/13 - 08/21/13

Aircraft: [Global Hawk - AFRC #872](#) ([See full schedule](#))

Flight Number: 872-0113

Payload Configuration: HS3 - TN872 2013 configuration

Nav Data Collected: No

Total Flight Time: 25.1 hours

Comments: TN872 landed at WFF at 0946 EDT after a 25.1 mission over the Atlantic to investigate the remnants of Erin and a Saharan dust layer. Also, AVPS was able to deploy 15 sondes and demonstrate that their instrument is functioning properly. They were able to collect data all the way down to the ocean surface. The instruments and aircraft operated nominally, except for the EIP #2 or TRU #2 that malfunctioned part way into the flight. The aircraft will be fueled today and weighed. Then the ops team will begin replacement of the engine nozzles and troubleshooting on the payload power issue.

Submitted by: Chris Nafel on 08/21/13

Flight Segments:

From:	WFF	To:	WFF
Start:	08/20/13 12:41 Z	Finish:	08/21/13 13:46 Z
Flight Time:	25.1 hours		
Log Number:	13H010	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	13H010
Flight Hours Approved in SOFRS	459.1
Total Used	272.4
Total Remaining	186.7

13H010 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/01/13	872-0111	Check	5	5	454.1	
08/08/13	871-0087	Check	4.6	9.6	449.5	
08/14/13	871-0088	Ferry	10.8	20.4	438.7	
08/16/13	872-0112	Ferry	10.2	30.6	428.5	
08/20/13 - 08/21/13	872-0113	Science	25.1	55.7	403.4	
08/24/13 - 08/25/13	872-0114	Science	24.6	80.3	378.8	
08/29/13 - 08/30/13	872-0115	Science	22.6	102.9	356.2	
09/03/13 - 09/04/13	871-0089	Science	23.2	126.1	333	
09/04/13 - 09/05/13	872-0116	Science	22.9	149	310.1	
09/07/13 - 09/08/13	872-0117	Science	23.2	172.2	286.9	
09/10/13	871-0090	Science	4.6	176.8	282.3	
09/15/13 - 09/16/13	871-0091	Science	22.9	199.7	259.4	
09/16/13 - 09/17/13	872-0118	Science	20.6	220.3	238.8	

09/17/13	871-0092	Science	4.5	224.8	234.3
09/19/13 - 09/20/13	872-0119	Science	22.7	247.5	211.6
09/25/13 - 09/26/13	871-0093	Science	15.1	262.6	196.5
09/26/13	872-0120	Ferry	9.8	272.4	186.7

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.

Related Science Report:

HS3 - Global Hawk #872 08/20/13 - 08/21/13 Science Report

Mission: HS3

Mission Summary:

File:

 [HS3-2013AUG20-AV6-SAL-mission_final.pdf](#)

Submitted by: Scott Braun on 08/27/13

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