

## Global Hawk #872 09/04/13 - 09/05/13

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

Flight Number: 872-0116

Payload Configuration: HS3 - TN872 2013 configuration

Nav Data Collected: No

Total Flight Time: 22.9 hours

Submitted by: Chris Naftel on 09/05/13

### Flight Segments:

<b>From:</b>	WFF	<b>To:</b>	WFF
<b>Start:</b>	09/04/13 15:08 Z	<b>Finish:</b>	09/05/13 14:00 Z
<b>Flight Time:</b>	22.9 hours		
<b>Log Number:</b>	<a href="#">13H010</a>	<b>PI:</b>	Marilyn Vasques
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	During this flight, the tropical system was named Tropical Storm Gabrielle by the NHC. Also, the NHC used dropsonde data from the flight to characterize the storm. A record 80 sondes were deployed during the mission. Also, this marked the first time that back-to-back science flights have been conducted.		

### Flight Hour Summary:

	13H010
<b>Flight Hours Approved in SOFRS</b>	459.1
<b>Total Used</b>	272.4
<b>Total Remaining</b>	186.7

### 13H010 Flight Reports

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

<a href="#">09/17/13</a>	871-0092	Science	4.5	224.8	234.3
<a href="#">09/19/13 - 09/20/13</a>	872-0119	Science	22.7	247.5	211.6
<a href="#">09/25/13 - 09/26/13</a>	871-0093	Science	15.1	262.6	196.5
<a href="#">09/26/13</a>	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 09/04/13 - 09/05/13 Science Report**

**Mission:** HS3

**Mission Summary:**

AV-6 flight around Tropical Storm Gabrielle and an adjacent convective system

**File:**

 [HS3\\_Sept04-05\\_flight\\_reportFINAL.pdf](#)

**Submitted by:** Scott Braun on 09/11/13

Page Last Updated: April 22, 2017

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**Source URL:** [https://espo.nasa.gov/hs3/flight\\_reports/Global\\_Hawk\\_872\\_09\\_04\\_13\\_-\\_09\\_05\\_13#comment-0](https://espo.nasa.gov/hs3/flight_reports/Global_Hawk_872_09_04_13_-_09_05_13#comment-0)