

## HS3 - Global Hawk #872 08/28/14 - 08/29/14 Science Report

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

Date: Thursday, August 28, 2014 - Friday, August 29, 2014

Mission: HS3

Mission Summary:

HS3 2014-08-28 Science Report: GLOBALHAWK AV-6 2nd Cristobal Flight

Submitted by: Marilyn Vasques on 09/29/14

File:

 [2014AUG28\\_AV6 Cristobal-flight2\\_sm.pdf](#)

Related Flight Report:

### Global Hawk #872 08/28/14 - 08/29/14

Flight Number: 872-0134

Payload Configuration: HS3 2014 Instrument Configuration

Nav Data Collected: No

Total Flight Time: 23.7 hours

Submitted by: Chris Nafel on 09/02/14

Flight Segments:

From:	WFF	To:	WFF
Start:	08/28/14 22:57 Z	Finish:	08/29/14 22:38 Z
Flight Time:	23.7 hours		
Log Number:	<a href="#">14H002</a>	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	During this flight to Hurricane Cristobal, 70 sondes were deployed and the two other instruments operated nominally. An aircraft fault for the hydraulic pressure transducer was noted during the flight, and it was replaced the day after the flight.		

Flight Hour Summary:

	14H002
Flight Hours Approved in SOFRS	447
Total Used	272.6
Total Remaining	174.4

14H002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/31/13 - 11/01/13</a>	871-0093	Check	10.4	10.4	436.6	
<a href="#">08/06/14</a>	872-0132	Check	5.1	15.5	431.5	
<a href="#">08/14/14</a>	871-0099	Check	6.2	21.7	425.3	
<a href="#">08/21/14</a>	871-0100	Ferry	2.4	24.1	422.9	
<a href="#">08/26/14 - 08/27/14</a>	872-0133	Science	22.6	46.7	400.3	
<a href="#">08/28/14 - 08/29/14</a>	872-0134	Science	23.7	70.4	376.6	
<a href="#">09/02/14 - 09/03/14</a>	872-0135	Science	23.6	94	353	

<a href="#">09/05/14 - 09/06/14</a>	872-0136	Science	24	118	329
<a href="#">09/11/14 - 09/12/14</a>	872-0137	Science	23.6	141.6	305.4
<a href="#">09/14/14 - 09/15/14</a>	872-0138	Science	23.8	165.4	281.6
<a href="#">09/16/14 - 09/17/14</a>	872-0139	Science	22.7	188.1	258.9
<a href="#">09/18/14 - 09/19/14</a>	872-0140	Science	23.7	211.8	235.2
<a href="#">09/22/14 - 09/23/14</a>	872-0141	Science	24.5	236.3	210.7
<a href="#">09/28/14 - 09/29/14</a>	872-0142	Science	24.2	260.5	186.5
<a href="#">09/30/14</a>	872-0143	Ferry	12.1	272.6	174.4

*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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Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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