

HS3 - Global Hawk #872 09/30/14 Science Report

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

Date: Tuesday, September 30, 2014

Mission: HS3

Mission Location: Wallops Flight Facility

Mission Summary:

Transit flight from WFF to AFRC. Flight included an intercomparison with the NOAA G-IV

Submitted by: Scott Braun on 01/02/15

File:

 [2014SEP30_AV6 Transit2AFRC_braun.pdf](#)

Related Flight Report:

Global Hawk #872 09/30/14

Flight Number: 872-0143

Payload Configuration: HS3 2014 Instrument Configuration

Nav Data Collected: No

Total Flight Time: 12.1 hours

Submitted by: Chris Nafel on 10/04/14

Flight Segments:

From:	WFF	To:	EAFB
Start:	09/30/14 11:07 Z	Finish:	09/30/14 23:15 Z
Flight Time:	12.1 hours		
Log Number:	14H002 - Completed as of this flight.	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Ferry		
Comments:	TN872 landed at EAFB after a 12.2 hour transit flight. All 15 sondes were deployed in concert with the NOAA G-IV over the Gulf of Mexico. The aircraft landed with a green board. This flight marked the 100th NASA flight of TN872. TN872 previously accomplished 43 flights for the USAF before transfer to NASA.		

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
10/31/13 - 11/01/13	871-0093	Check	10.4	10.4	436.6	
08/06/14	872-0132	Check	5.1	15.5	431.5	
08/14/14	871-0099	Check	6.2	21.7	425.3	
08/21/14	871-0100	Ferry	2.4	24.1	422.9	
08/26/14 - 08/27/14	872-0133	Science	22.6	46.7	400.3	

08/28/14 - 08/29/14	872-0134	Science	23.7	70.4	376.6
09/02/14 - 09/03/14	872-0135	Science	23.6	94	353
09/05/14 - 09/06/14	872-0136	Science	24	118	329
09/11/14 - 09/12/14	872-0137	Science	23.6	141.6	305.4
09/14/14 - 09/15/14	872-0138	Science	23.8	165.4	281.6
09/16/14 - 09/17/14	872-0139	Science	22.7	188.1	258.9
09/18/14 - 09/19/14	872-0140	Science	23.7	211.8	235.2
09/22/14 - 09/23/14	872-0141	Science	24.5	236.3	210.7
09/28/14 - 09/29/14	872-0142	Science	24.2	260.5	186.5
09/30/14	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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NASA Official: Bruce A. Tagg

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