

Global Hawk #871 08/14/14

Aircraft:

[Global Hawk - AFRC #871](#) (See full schedule)

Flight Number:

871-0099

Payload Configuration:

HS3 2014 Instrument Configuration

Nav Data Collected:

No

Total Flight Time:

6.2 hours

Submitted by:

Chris Naftel on 08/19/14

Flight Segments:

| | | | |
|---------------------------|--|----------------|------------------|
| From: | EAFB | To: | EAFB |
| Start: | 08/14/14 13:37 Z | Finish: | 08/14/14 19:50 Z |
| Flight Time: | 6.2 hours | | |
| Log Number: | 14H002 | PI: | Marilyn Vasques |
| Funding Source: | Hal Maring - NASA - SMD - ESD Radiation Science Program | | |
| Purpose of Flight: | Check | | |
| Comments: | <p>The objectives for this range checkout flight were all met. Two issues occurred during the flight. The Link Mod, which is part of the ARC Payload Support System, stopped communicating during the later portion of the flight. During hangar checks after the flight, no cause was found and the system checked out in good condition during many power cycles. Also during the flight, the radar altimeter system on the aircraft failed. After 3 landing attempts were made with the radar altimeters, they were turned off and the aircraft landed using the aircraft navigation system. The radar altimeters were replaced and have passed operational checks.</p> | | |

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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Page Last Updated: April 22, 2017

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NASA Official: Marilyn Vasques

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