

Global Hawk #871 09/15/13 - 09/16/13

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

Flight Number: 871-0091

Payload Configuration: HS3 - TN871 2013 config

Nav Data Collected: No

Total Flight Time: 22.9 hours

Submitted by: Chris Naftel on 09/16/13

Flight Segments:

From:	WFF	To:	WFF
Start:	09/15/13 13:38 Z	Finish:	09/16/13 12:30 Z
Flight Time:	22.9 hours		
Log Number:	13H010	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The purpose of this mission was to investigate Hurricane Ingrid. Part way into the mission, the aircraft experienced very cold air and the fuel temperature reached the limit that requires a return to base. On the way back to WFF, the aircraft was directed to gather data around a couple of interesting areas of convection.		

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 #871 09/15/13 - 09/16/13 Science Report

Mission: HS3

Mission Summary:

This was an AV-1 flight to Hurricane Ingrid in the Gulf of Mexico. The on-station time was cut short due to extremely cold atmospheric temperatures in the region. The instruments were able to get additional data over other precipitation targets on the return to Wallops.

File:

 [HS3_Sept15-16_flight_report.pdf](#)

Submitted by: Scott Braun on 09/20/13

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