

# ATTREX - Global Hawk #872 11/05/11 Science Report

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

Date: Saturday, November 5, 2011

Mission: ATTREX

Mission Summary:

This is an old format science report that was automatically transferred in its original format.

Submitted by: Dan Chirica on 11/10/11

File:

 [ATTREX\\_2011-11-05\\_Global\\_Hawk\\_Report.pdf](#)

Related Flight Report:

## Global Hawk #872 11/05/11 - 11/06/11

Flight Number: 872-0084

Payload Configuration: ATTREX - 2011 config

Nav Data Collected: No

Total Flight Time: 16.5 hours

Comments: Originally submitted by Chris Naftel on November 22, 2011 in the old format.

Archive Data: [20111105](#) (13 archive (plain-text) files; 2 image files)

Submitted by: Erin Justice on 08/08/12

Flight Segments:

<b>From:</b>	DFRC	<b>To:</b>	DFRC
<b>Start:</b>	11/05/11 16:30 Z	<b>Finish:</b>	11/06/11 08:01 Z
<b>Flight Time:</b>	16.5 hours		
<b>Log Number:</b>	<a href="#">12H001</a>	<b>PI:</b>	Eric Jensen
<b>Funding Source:</b>	Hal Maring - NASA - SMD - ESD Radiation Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Phil Hall, Tom Miller (PIC), Hernan Posada, Mark Stubben (Co-Pilot), Robert Rivera, Chris Naftel (MD) – Comments from Eric Jensen upon completion of the flight: There were a number of setbacks during this flight (related to weather and weather forecasts in the EAFB complex), ultimately resulting in a much shorter flight than planned. However, we did obtain useful science and engineering data, including multiple profiles in the deep tropics, sampling of very cold air, sampling of thin cirrus near the cold point tropopause, and an extended cold soak to evaluate the fuel temperature evolution. Instruments on the aircraft (including AWAS and CPL) generally performed well.		

Flight Hour Summary:

	12H001
<b>Flight Hours Approved in SOFRS</b>	87
<b>Total Used</b>	70.9
<b>Total Remaining</b>	16.1

12H001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/20/11</a>	872-0081	Check	6.3	6.3	80.7	
<a href="#">10/24/11</a>	872-0082	Science	3.27	9.57	77.43	
<a href="#">10/28/11 - 10/29/11</a>	872-0083	Science	21.4	30.97	56.03	

<a href="#">11/05/11 - 11/06/11</a>	872-0084	Science	16.5	47.47	39.53
<a href="#">11/09/11 - 11/10/11</a>	872-0085	Science	23.4	70.87	16.13

*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.*

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

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