

ATTREX - Global Hawk #872 11/09/11 Science Report

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

Date: Wednesday, November 9, 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 12/06/11

File:

 [ATTREX_2011-11-09_Global_Hawk_Report.pdf](#)

Related Flight Report:

Global Hawk #872 11/09/11 - 11/10/11

Flight Number: 872-0085

Payload Configuration: ATTREX - 2011 config

Nav Data Collected: No

Total Flight Time: 23.4 hours

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

Archive Data: [20111109](#) (14 archive (plain-text) files; 2 image files)

Submitted by: Erin Justice on 08/08/12

Flight Segments:

From:	DFRC	To:	DFRC
Start:	11/09/11 17:17 Z	Finish:	11/10/11 16:41 Z
Flight Time:	23.4 hours		
Log Number:	12H001	PI:	Eric Jensen
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	Eric Munoz, Phil Hall, Tim Williams (PIC), Hernan Posada, Kent Fuller (Co-Pilot), Matt Graham, Chris Naftel, Robert Rivera (MD) – Comments from Eric Jensen upon completion of the flight: Our third long flight (just completed) was glorious. The 23.5 hour flight included numerous profiles through the TTL, sampling of in situ cirrus, convective detrainment, jet crossings, etc., in addition to another good dataset for evaluating fuel temperature response to cold ambient temperatures. Real time remote sensing data (from CPL and MTP) was used to coordinate the vertical profiles. The instruments all appeared to be performing very well. We should have a bonanza of data.		

Flight Hour Summary:

	12H001
Flight Hours Approved in SOFRS	87
Total Used	70.9
Total Remaining	16.1

12H001 Flight Reports

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

11/05/11 - 11/06/11	872-0084	Science	16.5	47.47	39.53
11/09/11 - 11/10/11	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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