

C-130 Hercules 09/02/14

Flight Number: Transit (2 of 2)
Payload Configuration: ARISE
Nav Data Collected: No
Total Flight Time: 6.6 hours
Submitted by: Cate Easmunt on 09/03/14
Flight Segments:

| | | | |
|---------------------------|--|----------------|------------------|
| From: | KTCM | To: | PAEI |
| Start: | 09/02/14 16:00 Z | Finish: | 09/02/14 22:35 Z |
| Flight Time: | 6.6 hours | | |
| Log Number: | 141002 | PI: | Christy Hansen |
| Funding Source: | Bruce Tagg - NASA - SMD - ESD Airborne Science Program | | |
| Purpose of Flight: | Transit | | |
| Comments: | Science data acquired | | |

Flight Hour Summary:

| | 141002 | 151004 |
|---|--------|--------|
| Flight Hours Approved in SOFRS | 229 | |
| Flight Hours Previously Approved | | 88.7 |
| Total Used | 140.3 | 18.2 |
| Total Remaining | | 70.5 |

151004 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|------------|-------------------|----------|---------------|-----------------|-------------|
| 10/02/14 - 10/03/14 | Cal Flight | Science | 8.6 | 8.6 | 80.1 | |
| 10/04/14 | Transit | Transit | 9.6 | 18.2 | 70.5 | |

Source URL: https://espo.nasa.gov/arise/flight_reports/C-130_Hercules_09_02_14#comment-0

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Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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.

141002 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|------------------------------|-------------------|----------|---------------|-----------------|-------------|
| 08/24/14 | Engineering Check Flight | Check | 2.8 | 2.8 | 226.2 | |
| 08/29/14 | Boom Calibration Flight | Check | 0.5 | 3.3 | 225.7 | |
| 08/30/14 | Project Check Flight | Check | 5.2 | 8.5 | 220.5 | |
| 09/01/14 | Transit (1 of 2) | Transit | 8.7 | 17.2 | 211.8 | |
| 09/02/14 | Transit (2 of 2) | Transit | 6.6 | 23.8 | 205.2 | |
| 09/04/14 - 09/05/14 | Arctic Ocean - Flight #1 | Science | 6.6 | 30.4 | 198.6 | |
| 09/05/14 - 09/06/14 | 140W Sea Ice - Flight #2 | Science | 7.1 | 37.5 | 191.5 | |
| 09/06/14 - 09/07/14 | Ice ZigZag-Terra - Flight #3 | Science | 7.1 | 44.6 | 184.4 | |
| 09/07/14 - 09/08/14 | CERES Gridbox - Flight #4 | Science | 8.4 | 53 | 176 | |



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|-------------------------------------|-------------------------------------|---------|-----|-------|-------|
| 09/09/14 - 09/10/14 | CERES Gridbox - Flight #5 | Science | 7.7 | 60.7 | 168.3 |
| 09/10/14 - 09/11/14 | MIZ Lawnmower - Flight #6 | Science | 8.8 | 69.5 | 159.5 |
| 09/11/14 - 09/12/14 | CERES Gridbox - Flight #7 | Science | 7.5 | 77 | 152 |
| 09/13/14 - 09/14/14 | CERES Gridbox - Flight #8 | Science | 8.3 | 85.3 | 143.7 |
| 09/15/14 - 09/16/14 | CERES Gridbox - Flight #9 | Science | 8.1 | 93.4 | 135.6 |
| 09/16/14 - 09/17/14 | Radiation Wall Pattern - Flight #10 | Science | 8.3 | 101.7 | 127.3 |
| 09/17/14 - 09/18/14 | CERES Gridbox - Flight #11 | Science | 7.2 | 108.9 | 120.1 |
| 09/18/14 - 09/19/14 | Sea Ice Albedo/CryoSat - Flight #12 | Science | 8.6 | 117.5 | 111.5 |
| 09/19/14 - 09/20/14 | Radiation Wall Pattern - Flight #13 | Science | 8.3 | 125.8 | 103.2 |
| 09/21/14 - 09/22/14 | Sea Ice & Radiation - Flight #14 | Science | 8.2 | 134 | 95 |
| 09/24/14 - 09/25/14 | Gridbox TOA+Surface - Flight #15 | Science | 6.3 | 140.3 | 88.7 |

