

P-3 Orion - WFF 08/21/17

Aircraft: [P-3 Orion - WFF \(See full schedule\)](#)

Flight Number: Science Flight #7

Payload Configuration: ORACLES

Nav Data Collected: No

Archive Data: [20170821](#) (107 binary files; 39 image files; 24 archive (plain-text) files)

Total Flight Time: 8.3 hours

Submitted by: Mike Cropper on 08/28/17

Flight Segments:

| | | | |
|---------------------------|---|----------------|------------------|
| From: | FHAW | To: | FPST |
| Start: | 08/21/17 11:10 Z | Finish: | 08/21/17 19:26 Z |
| Flight Time: | 8.3 hours | | |
| Log Number: | 17P001 | PI: | Jens Redemann |
| Funding Source: | Hal Maring - NASA - SMD - ESD Radiation Science Program | | |
| Purpose of Flight: | Science | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 17P001 |
| Flight Hours Approved in SOFRS | 179.5 |
| Total Used | 154.9 |
| Total Remaining | 24.6 |

17P001 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------------------------|-------------------|----------|---------------|-----------------|-------------|
| 07/15/17 | Airworthiness Test Flight | Check | 1.2 | 1.2 | 178.3 | |
| 07/16/17 | Project Test Flight #1 | Check | 4 | 5.2 | 174.3 | |
| 07/17/17 | Project Test Flight #2 | Check | 3.1 | 8.3 | 171.2 | |
| 08/01/17 | Transit Flight #1 | Transit | 6.2 | 14.5 | 165 | |
| 08/07/17 | Transit Flight #2 | Transit | 10.1 | 24.6 | 154.9 | |
| 08/09/17 | Transit Flight #3/Science | Transit | 7.8 | 32.4 | 147.1 | |
| 08/12/17 | Science Flight #1 | Science | 8.5 | 40.9 | 138.6 | |
| 08/13/17 | Science Flight #2 | Science | 9.1 | 50 | 129.5 | |
| 08/15/17 | Science Flight #3 | Science | 9.2 | 59.2 | 120.3 | |
| 08/17/17 | Science Flight #4 | Science | 9.1 | 68.3 | 111.2 | |
| 08/18/17 | Science Flight #5 | Science | 5.5 | 73.8 | 105.7 | |
| 08/19/17 | Science Flight #6 | Science | 2.2 | 76 | 103.5 | 0 |
| 08/21/17 | Science Flight #7 | Science | 8.3 | 84.3 | 95.2 | 0 |
| 08/24/17 | Science Flight #8 | Science | 9.4 | 93.7 | 85.8 | 0 |
| 08/26/17 | Science Flight #9 | Science | 9.7 | 103.4 | 76.1 | 0 |
| 08/28/17 | Science Flight #10 | Science | 9.5 | 112.9 | 66.6 | 0 |
| 08/30/17 | Science Flight #11 | Science | 8.9 | 121.8 | 57.7 | 0 |
| 08/31/17 | Science Flight #12 | Science | 8.3 | 130.1 | 49.4 | 0 |
| 09/02/17 | Transit Flight #1/Science | Transit | 8.7 | 138.8 | 40.7 | |
| 09/03/17 | Transit Flight #2 | Transit | 9.7 | 148.5 | 31 | |
| 09/04/17 | Transit Flight #3 | Transit | 5.9 | 154.4 | 25.1 | |
| 09/04/17 | Transit Flight #4 | Transit | 0.5 | 154.9 | 24.6 | |

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:

ORACLES - P-3 Orion 08/21/17 Science Report

Mission: ORACLES

Mission Summary:

see attached report

File:

 [PRF07Y17_20170821_P3_report_V2.pdf](#)

Submitted by: Jens Redemann on 09/13/17

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