

P-3 Orion 02/26/17

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

Flight Number: Project Test Flight #1

Payload Configuration: OIB-Arctic

Nav Data Collected: No

Total Flight Time: 4.9 hours

Submitted by: Mike Cropper on 02/28/17

Flight Segments:

| | | | |
|---------------------------|--|----------------|------------------|
| From: | KWAL | To: | KWAL |
| Start: | 02/26/17 16:12 Z | Finish: | 02/26/17 21:07 Z |
| Flight Time: | 4.9 hours | | |
| Log Number: | 17P006 | PI: | Nathan Kurtz |
| Funding Source: | Bruce Tagg - NASA - SMD - ESD Airborne Science Program | | |
| Purpose of Flight: | Check | | |

Flight Hour Summary:

| | |
|---------------------------------------|---------------|
| | 17P006 |
| Flight Hours Approved in SOFRS | 333.6 |
| Total Used | 332 |
| Total Remaining | 1.6 |

17P006 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|-------------------------------------|---|-------------------|----------|---------------|-----------------|-------------|
| 02/24/17 | Airworthiness Test Flight | Check | 1 | 1 | 332.6 | |
| 02/26/17 | Project Test Flight #1 | Check | 4.9 | 5.9 | 327.7 | |
| 02/27/17 | Project Test Flight #2 | Check | 3 | 8.9 | 324.7 | |
| 03/07/17 | Transit Flight | Transit | 8.2 | 17.1 | 316.5 | |
| 03/09/17 | Science Flight #1 - North Pole Transect | Science | 8 | 25.1 | 308.5 | |
| 03/10/17 | Science Flight #2 - Laxon Line | Science | 8.5 | 33.6 | 300 | |
| 03/11/17 - 03/12/17 | Science Flight #3 - Chukchi West Line | Science | 8 | 41.6 | 292 | |
| 03/12/17 - 03/13/17 | Science Flight #4 - North Beaufort Loop Line | Science | 8.1 | 49.7 | 283.9 | |
| 03/14/17 - 03/15/17 | Science Flight #5 - East Beaufort Loop Line | Science | 8 | 57.7 | 275.9 | |
| 03/20/17 | Science Flight #6 - Sea Ice South Basin Transect (to Thule) | Science | 8.1 | 65.8 | 267.8 | |
| 03/22/17 | Science Flight #7 - North Flux 02 | Science | 7.9 | 73.7 | 259.9 | |
| 03/23/17 | Science Flight #8 - Zig Zag West Line | Science | 7.9 | 81.6 | 252 | |
| 03/24/17 | Science Flight #9 - CryoVEx Line | Science | 5.8 | 87.4 | 246.2 | |
| 03/27/17 | Science Flight #10 - Northwest Coastal A Line | Science | 7.4 | 94.8 | 238.8 | |
| 03/28/17 | Science Flight #11 - North Central Cap 01 Line | Science | 7.6 | 102.4 | 231.2 | |
| 03/29/17 | Science Flight #12 - Ellesemere Island 01 Line | Science | 7.6 | 110 | 223.6 | |
| 03/30/17 | Science Flight #13 - Ellesemere South Line | Science | 7.9 | 117.9 | 215.7 | |
| 03/31/17 | Science Flight #14- Alexander-Petermann Line | Science | 6.5 | 124.4 | 209.2 | |

| | | | | | |
|--------------------------|--|---------|-----|-------|-------|
| 04/03/17 | Science Flight #15- Zachariae 79N Fram Straight and BGTL ENSB Transit | Science | 7.4 | 131.8 | 201.8 |
| 04/05/17 | Science Flight #16 - Svalbard North Line (High Priority) | Science | 7 | 138.8 | 194.8 |
| 04/06/17 | Science Flight #17- Svalbard South Mission (High Priority) | Science | 8.5 | 147.3 | 186.3 |
| 04/07/17 | Science Flight #18- Combined Zig Zag East Mission and Transit ENSB to BGTL | Science | 8.3 | 155.6 | 178 |
| 04/10/17 | Science Flight #19- North Central Gap 3 | Science | 7.8 | 163.4 | 170.2 |
| 04/11/17 | Science Flight #20- CryoVex 2 (High Priority) | Science | 7.8 | 171.2 | 162.4 |
| 04/12/17 | Science Flight #21-Northwest Coastal C | Science | 7.2 | 178.4 | 155.2 |
| 04/13/17 | Science Flight #22-North Glaciers 02 Prime (High Priority) | Science | 8.2 | 186.6 | 147 |
| 04/14/17 | Science Flight #23-IceSat-2 North/CryoSat-2 SARIn | Science | 7 | 193.6 | 140 |
| 04/17/17 | Science Flight #24-Humboldt 01(High Priority) | Science | 7.8 | 201.4 | 132.2 |
| 04/19/17 | Science Flight #25-Sea Ice - South Canada Basin (MediumPriority) | Science | 7.8 | 209.2 | 124.4 |
| 04/20/17 | Transit Flight to Kangerlussuaq | Transit | 3 | 212.2 | 121.4 |
| 04/21/17 | Science Flight #26-Southeast Coastal | Science | 8 | 220.2 | 113.4 |
| 04/22/17 | Science Flight #27-Helheim- Kangerd | Science | 7.8 | 228 | 105.6 |
| 04/24/17 | Science Flight #28-Geikie 01 (High Priority) | Science | 8 | 236 | 97.6 |
| 04/26/17 | Science Flight #29-Devon-Bylot (Medium Priority) | Science | 7.9 | 243.9 | 89.7 |
| 04/28/17 | Science Flight #30-Penny 01 (Medium Priority) | Science | 6 | 249.9 | 83.7 |
| 04/29/17 | Science Flight #31-Thomas - Jakobshavn 01 | Science | 8.4 | 258.3 | 75.3 |
| 05/01/17 | Science Flight #32-Thomas - Jakobshavn-Eqip-Store | Science | 8.4 | 266.7 | 66.9 |
| 05/02/17 | Science Flight #33-Thomas - ICESat-2 Central | Science | 7.9 | 274.6 | 59 |
| 05/03/17 | Science Flight #34-Thomas - Southwest Coastal A | Science | 8.3 | 282.9 | 50.7 |
| 05/05/17 | Science Flight #35-Helheim- Kangerdlugssuaq Gap B (High Priority) | Science | 8.2 | 291.1 | 42.5 |
| 05/06/17 | Science Flight #36-Helheim-K- EGIG-Summit | Science | 8 | 299.1 | 34.5 |
| 05/08/17 | Science Flight #37-Southeast Glaciers 01 (High Priority) | Science | 8 | 307.1 | 26.5 |
| 05/10/17 | Science Flight #38-Umanaq B (High Priority) | Science | 8 | 315.1 | 18.5 |
| 05/11/17 | Science Flight #39-ICESat-2 South (High Priority) | Science | 8.1 | 323.2 | 10.4 |
| 05/12/17 | Science Flight #40-Nuuk Fjords | Science | 1.8 | 325 | 8.6 |
| 05/13/17 | Transit Flight to Dover DE (to clear customs) | Transit | 6.4 | 331.4 | 2.2 |

[05/13/17](#)

Transit Flight to Wallops Flight Facility

Transit

0.6

332

1.6

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.

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