

P-3 Orion 04/04/12

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

Flight Number: OIB Research Flight #15 - land ice & transit to Kangerlussuaq

Payload Configuration: Operation IceBridge

Nav Data Collected: Yes

Total Flight Time: 6.1 hours

Submitted by: Luci Crittenden on 04/04/12

Flight Segments:

From:	BGTL	To:	BGSF
Start:	04/04/12 10:52 Z	Finish:	04/04/12 17:00 Z
Flight Time:	6.1 hours		
Log Number:	12P006	PI:	Michael Studinger
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		
Comments:	Land Ice science flight flown in support of Operation IceBridge. Flight Plan flown was the "Gap-Summit" with transit to Kangerlussuaq for basing operations for the month of April. Engine #3 malfunction caused the mission to terminate early. Aircraft needs to be ferry back to WFF for engine change out. Ferry flight tentatively scheduled for 4/5/2012, weather permitting		

Flight Hour Summary:

	12P006
Flight Hours Approved in SOFRS	405
Total Used	352.9
Total Remaining	52.1

12P006 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
03/02/12	OIB-Engineering Check Flight	Check	1.57	1.57	403.43	
03/05/12	OIB - Project Check Flight #1	Check	5.5	7.07	397.93	
03/06/12	OIB - Project Check Flight #2	Check	3.35	10.42	394.58	
03/12/12	OIB - Transit from WFF to BGTL	Transit	8.5	18.92	386.08	
03/14/12	OIB Research Flight #1 - science flight from Thule, Greenland to Fairbanks, Alaska	Science	8.7	27.62	377.38	
03/15/12 - 03/16/12	OIB Research Flight #2 - Sea Ice Flight	Science	8.7	36.32	368.68	
03/16/12 - 03/17/12	OIB Research Flight #3 -Sea Ice Flight	Science	8.3	44.62	360.38	
03/17/12 - 03/18/12	OIB Research Flight #4 - Sea Ice Flight	Science	8.1	52.72	352.28	
03/19/12	OIB Research Flight #5 - Sea Ice Flight on transit from Fairbanks to Thule	Science	8.3	61.02	343.98	
03/21/12	OIB Research Flight #6 - Sea Ice Flight	Science	8.1	69.12	335.88	
03/22/12	OIB Research Flight #7 - Sea Ice Flight	Science	7.8	76.92	328.08	
03/23/12	OIB Research Flight #8 - Sea Ice Flight	Science	7.1	84.02	320.98	
03/26/12	OIB Research Flight #9 - Sea Ice Flight	Science	8	92.02	312.98	
03/27/12	OIB Research Flight #10 - Sea Ice	Science	7.7	99.72	305.28	

03/28/12	OIB Research Flight #11 - Sea Ice	Science	8	107.72	297.28
03/29/12	OIB Research Flight #12 - Sea Ice Flight	Science	7.9	115.62	289.38
03/30/12	OIB Research Flight #13 - Land Ice Flight	Science	7	122.62	282.38
04/02/12	OIB Research Flight #14 Sea Ice Flight	Science	8.1	130.72	274.28
04/04/12	OIB Research Flight #15 - land ice & transit to Kangerlussuaq	Science	6.1	136.82	268.18
04/10/12	OIB Research Flight #16 - Sea Ice, MABEL Underflight	Science	9.3	146.12	258.88
04/11/12	OIB Research Flight #17 - Land Ice, East Glaciers 01	Science	8.2	154.32	250.68
04/12/12	OIB Research Flight #18 - Land Ice, Geikie 02	Science	7.5	161.82	243.18
04/13/12	OIB Research Flight #19 - Land Ice, East Central Grid 01	Science	7.8	169.62	235.38
04/14/12	OIB Research Flight #20 - Land Ice, Helheim-Kangerdlugssuaq Gap 01	Science	6.8	176.42	228.58
04/16/12	OIB Research Flight #21 - Land Ice, Geikie 03	Science	8.3	184.72	220.28
04/17/12	OIB Research Flight #21 (Part 2)	Science	4.6	189.32	215.68
04/18/12	OIB Research Flight #22	Science	7.4	196.72	208.28
04/19/12	OIB Research Flight # 23	Science	7.9	204.62	200.38
04/20/12	OIB Research Flight # 24	Science	7.5	212.12	192.88
04/21/12	OIB Research Flight # 25	Science	7.5	219.62	185.38
04/23/12	OIB Research Flight # 26	Science	7.7	227.32	177.68
04/25/12	OIB Research Flight # 27	Science	7.8	235.12	169.88
04/28/12	OIB Research Flight # 28	Science	7.6	242.72	162.28
04/29/12	OIB Research Flight # 29	Science	8	250.72	154.28
04/30/12	OIB Research Flight # 30	Science	4.1	254.82	150.18
05/02/12	OIB Research Flight #31	Science	6.1	260.92	144.08
05/03/12	OIB Research Flight #35	Science	7.6	268.52	136.48
05/04/12	OIB Research Flight #36	Science	6.7	275.22	129.78
05/07/12	OIB Research Flight #37	Science	8.1	283.32	121.68
05/08/12	Operation IceBridge Research Flight #38	Science	7.9	291.22	113.78
05/09/12	OIB Research Flight #39	Science	7.9	299.12	105.88
05/10/12	OIB Research Flight #40	Science	7.6	306.72	98.28
05/11/12	OIB Research Flight #41	Science	6.8	313.52	91.48
05/14/12	OIB Research Flight #42	Science	7.9	321.42	83.58
05/15/12	OIB Research Flight #43	Science	7.6	329.02	75.98
05/16/12	OIB Research Flight#44	Science	7.9	336.92	68.08
05/17/12	OIB Research Flight #45	Science	7.7	344.62	60.38
05/25/12	Transit	Transit	6.5	351.12	53.88
05/25/12	Transit	Transit	1.9	353.02	51.98

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:

OIB - P-3 Orion 04/04/12 Science Report

Mission: OIB

Mission Summary:

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

File:

 [IceBridge_2012-04-04_P-3_Report.pdf](#)

Submitted by: Kent Shiffer on 04/04/12

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