

## OIB 2017 - Other: 09/20/17 Science Report

**Aircraft:** Other: Dynamic Aviation B200 T - 17M048

**Date:** Wednesday, September 20, 2017

**Mission:** OIB 2017

**Mission Location:** Kangerlussuaq, Greenland

**Mission Summary:**

Hi everyone

Today we flew the last flight of the mission following a slightly enhanced SEgrid1 plan - 2 of the SE coastal lines plus 2 remaining lines (a west coast grid and an icesat line) closer to Kangerlussuaq. We had planned takeoff time to give the coastal clouds time to dissipate and as a result (models were correct today), few clouds were encountered on the flight. Both LVIS and camera operated normally. Attached is a phot take by Dave Rabine of the SE coast showing the clouds retreating.

This was the final flight of the mission, we plan to pack tomorrow and if possible, the plane will depart for the trip back to the US. LVIS crew leave on Friday via Copenhagen. Spatial coverage from the mission has been excellent (see below - with yesterday and today's flight shown in blue) - a direct result of the reliability of both the plane and LVIS instrument and the flexibility of the crews both here at at home - thank you to everyone involved!

Best regards,  
Michelle

**Submitted by:** J. Bryan Blair on 10/05/17

**File:**

 [lvis\\_SEgrid1\\_plus\\_9XX.pdf](#)

**Related Flight Report:**

## Other: Dynamic Aviation B200 T 09/20/17

**Flight Number:** OIBSM17-SciF15

**Payload Configuration:** OIB-LVISF2017

**Nav Data Collected:** No

**Total Flight Time:** 6.5 hours

**Submitted by:** J. Bryan Blair on 10/04/17

**Flight Segments:**

<b>From:</b>	BGSF	<b>To:</b>	BGSF
<b>Start:</b>	09/20/17 13:12 Z	<b>Finish:</b>	09/20/17 19:45 Z
<b>Flight Time:</b>	6.5 hours		
<b>Log Number:</b>	<a href="#">17M048</a>	<b>PI:</b>	Nathan Kurtz
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	<b>17M048</b>
<b>Flight Hours Approved in SOFRS</b>	123
<b>Total Used</b>	128.5
<b>Total Remaining</b>	-5.5

**17M048 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/16/17</a>	OIBSM17-TF01	Check	2.1	2.1	120.9	
<a href="#">08/17/17</a>	OIBSM17-TF02	Check	4	6.1	116.9	

<a href="#">08/19/17</a>	OIBSM17-TF03	Check	2.6	8.7	114.3
<a href="#">08/21/17</a>	OIBSM17-TF04	Check	2.4	11.1	111.9
<a href="#">08/21/17</a>	OIBSM17-TF04	Check	1.7	12.8	110.2
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	2.2	15	108
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	3.1	18.1	104.9
<a href="#">08/23/17</a>	OIBSM17-FF02	Ferry	4	22.1	100.9
<a href="#">08/24/17</a>	OIBSM17-FF03	Ferry	3.6	25.7	97.3
<a href="#">08/25/17</a>	OIBSM17-SciF01	Science	5.3	31	92
<a href="#">08/29/17</a>	OIBSM17-SciF02	Science	7	38	85
<a href="#">08/30/17</a>	OIBSM17-SciF03	Science	5.5	43.5	79.5
<a href="#">09/01/17</a>	OIBSM17-SciF04	Science	4	47.5	75.5
<a href="#">09/02/17</a>	OIBSM17-SciF05	Science	5.6	53.1	69.9
<a href="#">09/04/17</a>	OIBSM17-SciF06	Science	7.7	60.8	62.2
<a href="#">09/05/17</a>	OIBSM17-SciF07	Science	7.3	68.1	54.9
<a href="#">09/06/17</a>	OIBSM17-SciF08	Science	4.2	72.3	50.7
<a href="#">09/09/17</a>	OIBSM17-SciF09	Science	6.5	78.8	44.2
<a href="#">09/12/17</a>	OIBSM17-SciF10	Science	5.9	84.7	38.3
<a href="#">09/12/17</a>	OIBSM17-SciF11	Science	5.1	89.8	33.2
<a href="#">09/13/17</a>	OIBSM17-SciF12	Science	6	95.8	27.2
<a href="#">09/18/17</a>	OIBSM17-SciF13	Science	4.4	100.2	22.8
<a href="#">09/19/17</a>	OIBSM17-SciF14	Science	6.6	106.8	16.2
<a href="#">09/20/17</a>	OIBSM17-SciF15	Science	6.5	113.3	9.7
<a href="#">09/21/17</a>	OIBSM17-FF04	Ferry	4.1	117.4	5.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	4	121.4	1.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	1	124.5	-1.5
<a href="#">10/05/17</a>	OIBSM17-TF05	Check	4	128.5	-5.5

*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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NASA Official: Bruce A. Tagg

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