

Other: Dynamic Aviation B200 T 08/30/17

Aircraft: Other: Dynamic Aviation B200 T - 17M048

Flight Number: OIBSM17-SciF03

Payload Configuration: OIB-LVISF2017

Nav Data Collected: No

Total Flight Time: 5.5 hours

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

Flight Segments:

From:	BGTL	To:	BGTL
Start:	08/30/17 12:07 Z	Finish:	08/30/17 17:35 Z
Flight Time:	5.5 hours		
Log Number:	17M048	PI:	Nathan Kurtz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	17M048
Flight Hours Approved in SOFRS	123
Total Used	128.5
Total Remaining	-5.5

17M048 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/16/17	OIBSM17-TF01	Check	2.1	2.1	120.9	
08/17/17	OIBSM17-TF02	Check	4	6.1	116.9	
08/19/17	OIBSM17-TF03	Check	2.6	8.7	114.3	
08/21/17	OIBSM17-TF04	Check	2.4	11.1	111.9	
08/21/17	OIBSM17-TF04	Check	1.7	12.8	110.2	
08/22/17	OIBSM17-FF01	Ferry	2.2	15	108	
08/22/17	OIBSM17-FF01	Ferry	3.1	18.1	104.9	
08/23/17	OIBSM17-FF02	Ferry	4	22.1	100.9	
08/24/17	OIBSM17-FF03	Ferry	3.6	25.7	97.3	
08/25/17	OIBSM17-SciF01	Science	5.3	31	92	
08/29/17	OIBSM17-SciF02	Science	7	38	85	
08/30/17	OIBSM17-SciF03	Science	5.5	43.5	79.5	
09/01/17	OIBSM17-SciF04	Science	4	47.5	75.5	
09/02/17	OIBSM17-SciF05	Science	5.6	53.1	69.9	
09/04/17	OIBSM17-SciF06	Science	7.7	60.8	62.2	
09/05/17	OIBSM17-SciF07	Science	7.3	68.1	54.9	
09/06/17	OIBSM17-SciF08	Science	4.2	72.3	50.7	
09/09/17	OIBSM17-SciF09	Science	6.5	78.8	44.2	
09/12/17	OIBSM17-SciF10	Science	5.9	84.7	38.3	

09/12/17	OIBSM17- SciF11	Science	5.1	89.8	33.2
09/13/17	OIBSM17- SciF12	Science	6	95.8	27.2
09/18/17	OIBSM17- SciF13	Science	4.4	100.2	22.8
09/19/17	OIBSM17- SciF14	Science	6.6	106.8	16.2
09/20/17	OIBSM17- SciF15	Science	6.5	113.3	9.7
09/21/17	OIBSM17-FF04	Ferry	4.1	117.4	5.6
09/22/17	OIBSM17-FF05	Ferry	4	121.4	1.6
09/22/17	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
09/22/17	OIBSM17-FF05	Ferry	1	124.5	-1.5
10/05/17	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.

Related Science Report:

OIB 2017 - Other: 08/30/17 Science Report

Mission: OIB 2017

Mission Summary:

Hello everyone

LVIS flew the IS2North plan today with clear skies along the sections of lines above ~79N. For these sections of IS2 and glacier lines (including Petermann), coverage was good and both LVIS and camera operated normally. Multilevel clouds, overcast skies and few breaks were experienced on remaining line segments. Unfortunately the forecast indicates an overall continuation of this pattern into the weekend, but one model does show some clearing in the Thule area tomorrow which perhaps indicates an opportunity to collect some more NW coastal lines. We will transit to Kanger on Friday along least cloudy lines to begin ops there next week.

Data collection along Petermann glacier was clear providing a view of the new, small crack in the center. But with iced-over windows on the plane at 28,000', it was tough to get a photo. The attached is one of the clearer ones taken by Bryan Blair out the front window.

Thanks!
michelle

Images:

Photo of recently-formed crack in center of Petermann glacier, taken



[Read more](#)

File:

 [lvis_is2n_830.pdf](#)

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

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