

TO: Suborbital Science Program
NASA Headquarters
Mail Suite 3F71
Attn: Andrew Roberts
andrew.c.roberts@nasa.gov

FAX: (202) 358-2770
Voice: (202) 358-7212

Flight Report

Aircraft :	NASA P-3B
Operating Site(s) From / To :	BGTL / BGTL
Flight Date :	April 14, 2009
Flight Number / Data Flight # :	727 / 6
Time out:	1101 (Z)
Time in:	1902 (Z)
Flight Time :	8.0
Flt Request # / PI:	FR#9P007/013/014
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Sensor Payload :	Arctic Ice Gap (Operation Ice Bridge) for Sea Ice ICESat orbit tracks. ATM (2), Snow radar, PARIS, LVIS
Comments :	LVIS performed well and imaged nearly 100% of the desired ICESat ground tracks from an altitude of 25-27,000 ft. Approximately 2,700 km of ICESat tracks were flown today. Good calibration runs were completed as well. The aircraft and all instruments are in an Up status.

SUBMITTED BY: Cate Fairchild

14 April 2009

Flight	Date	Aircraft Flight #	Data Flight#	Hours flown	Total Hours Remaining
<i>Total Allocated</i>					184.0
ECF	3/25/2009	713		0.8	183.2
PCF	3/27/2009	716		3.7	179.5
Transit to Thule	3/30/2009	693		7.6	171.9
Science flight	3/31/2009	718	1	8.1	163.8
Science flight	4/1/2009	719	2	7.7	156.1
Science flight	4/2/2009	720	3	8.2	147.9
Science flight	4/5/2009	721	4	8.7	139.2
Science flight	4/6/2009	722	5	7.7	131.5
Ferry to Maine	4/7/2009	723		6.4 (n/c)	131.5
Prop repair FCF 1	4/10/2009	725		0.4 (n/c)	131.5
Prop repair FCF 2	4/11/2009	726		0.4 (n/c)	131.5
Ferry: Maine to Thule	4/13/2009	724		6.2 (n/c)	131.5
Science flight	4/14/2009	727	6	8.0	123.5
<i>Return Transit*</i>	<i>TBD</i>			8.0	115.5
<i>Post-mission calibration*</i>	<i>TBD</i>			2.0	113.5

* Time for return transit and post-mission flight are estimates only