



AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

Flight Number	FLIGHT 11.
Date (ZULU)	12/29/08.
Pilot/Co-Pilot	BRIAN / REBECCA.
Operator(s)	MICHAEL.
Line Numbers	T10090, T10100, T10110 if possible

Start GPS and magnetic base stations at least 30 mins before takeoff. Start recording with aircraft GPS receivers at least 30 mins before takeoff.

Event	GPS Time	Comments
GPS SJB-1	As F10	Start recording. CF Card: Job name:
		Battery charge: A: % B: % External: %
		Available memory: KB.
		No Sat tracked: L1: L2:
GPS SJB-2	As F10	Start recording. CF Card: Job name:
		Battery charge: A: % B: % External: %
		Available memory: KB.
		No Sat tracked: L1: L2:

Operator Flight Log | F 11

AGIS on	01:17 01:17	Start recording. Project name: AGAP_F11
	01:52	Engines on left engine on
		Taxi
01:12	01:12	Takeoff
Laser on	01:12	Start recording. Project name: AGAP_F12
Radar on	01:12	Start recording. Filename(s):
01:12	01:12	
Event	GPS Time	Comments
	01:28	taxi for take-off
	01:30	take off
	01:33	radar tx off on (BUT NO TX)
	01:37	can't see outgoing pulse or any thing in radar display
	01:45	switched on power panel for this helps alot ^{radar amplifiers}
	01:46	radar can be also heard on comm 1 channel
	01:53	can even see the beam now!
	02:02	end of big turn to WP2
	02:03	over WP02 start of T10090.1
	02:04	over WP03 SOL T10090.2
	02:11	laser temp = -14.6°C outside temp = -26°C

Event	GPS Time	Comments
	02:13	clouds left and right of survey line but line is clear.
	02:14	very weak bed reflection
	02:16	PGU crashed out $\Rightarrow$ reboot
	02:18	PGU is back (Brian ^{did a great} job staying on the
	02:20ish	rounded mts à la Yosemite (line $\cup$)
	02:30	pointy mts
NOTE:		change $\times F_g$ display settings to 400 or higher $\rightarrow \times F_g = 600 \quad \times F_g = 2 F_g = 400$ $G_{alt} = 50 \text{ m}$
	02:34	can see air contrast in the aircraft shadow
	02:50	clouds ahead, may have to go to lower flight elevation, pointy mts
	02:51	light clouds beneath us, $\Rightarrow$ visible on laser.
	02:53	end of clouds
	03:05	finally, some nice mts on the radar.
	03:09:50	at WP 4 EOL line T10090.1
	03:11	at WP 5 EOT $\curvearrowright$ $\curvearrowright$ turn
	03:13	line T10100 in AGIS
	03:16	laser has clean edge, left and right side temp = -10.5°C outside = -23.3°C
	03:17	new data file in AGIS nice mts in turn
	03:19	at WP 7? SOL SOL T10110.1
	03:23	tip tanks on
	03:25	laser is looking great on both sides

Event	GPS Time	Comments
	03:46?	tip tanks off
	04:05	very weak bed after Yosemite
	04:09:53	at WP08 EOL T10100.1
	04:10:56	at WP09 EOL T10100.1
	04:12:	Rebecca in control
	04:14	line T10110.1 in AGIS
	04:17	new data file in AGIS
	04:19	going over WP 10
		1.5 km too far south,
	04:21:53	on line T10110. almost 5 km to lake
	04:48	pointy mts are back; steep, notched valleys has positive mag anomaly. must be therefore be an active volcano... (about) close to GAMSEIS location PO71
	04:58	pointy mt with negative mag anomaly ~500m, sudden change in Sastangi pattern in ice surface
	05:04	very pointy mt. can see changes in ice surface roughness as well as left side no mag anomaly, ~1 km below surface
	05:09	laser temp: -16.5°C outside; -23.9°C two sharp edges, yeah.
	05:18	wow, here is Misha Unimur; 600-700m below the ice surface, no mag anomaly but a real mountain and a nice U-shaped valley, plus some mini table mountains, or chimneys

Operator Flight Log **F 11**

Event	GPS Time	Comments
	05:22:55	at WP012, EOL T10110.1
	05:24:16	at WP13, EOT T10110.1
	05:40	another pointy friend on display, no mag anomaly, lateral reflections
	05:47	AGIS new data file
	05:55	radar + & off
	06:01	touch down at AGAP-S
	06:04	laser off, out fuel position
	06:05	AGIS off
	06:22	taxi to parking position
	06:23	at parking position
	06:23	SJB 1 off
	06:24	SJB 2 off

54