



AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

Flight Number	FLIGHT 46
Date (ZULU)	01/13/09
Pilot/Co-Pilot	BRIAN / REBECCA
Operator(s)	NICK
Line Numbers	SL550/500

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	23.20	Start recording. CF Card: Job name: C-FSJB1-F46
		Battery charge: A: 100 % B: 100 % External: 73 %
		Available memory: 632362 KB.
		No Sat tracked: L1: 11 L2: 11
GPS SJB-2	23.21	Start recording. CF Card: Job name: C-FSJB2-F46
		Battery charge: A: 100 % B: 100 % External: 75 %
		Available memory: 412762 KB.
		No Sat tracked: L1: 11 L2: 11

Operator Flight Log | F46/2

B9011 401 POS

AGIS on	00:44	Start recording. Project name: B9011 323 P45
	00:45	Engines on YES
		Taxi
	01:04	Takeoff
Laser on	00:57	Start recording. Project name:
Radar on		Start recording. Filename(s):
Event	GPS Time	Comments
Radar File 007	01:11	WP 1/3 SOL 550
	01:28	Cabin temp = +8°C Scanner temp = -7.5°C Outside temp = -26°C
	01:30	Gravimeter to charge.
Radar File 058-065	01:52	Big mountain followed by long body of water.
	02:50	Outside air temp = -30°C Cabin temp = 18.9°C Scanner temp = -6.3°C
Radar File 146	03:02	WP 4/5 EOL SL 550
		WP 6/7 SOL SL 500
R.F 160	03:13	Deep V-shaped valley in the Dome A outley.
RF 169	03:20	Chinese Traverse tracks almost in line with SL 500. Crossed at night
180	03:30	Chinese camp 1 km to left of track ice depth ~ 3km

Original camp $\frac{1}{2}$ miles to from crossed camp over shallower ice < 2km.

Event	GPS Time	Comments
RF 189	03:37	ice depth down to 3.5km ^{2x} . Gully in channel ~300m deep in main valley.
	03:40	Gravimeter battery to backup.
	03:59.	Baro pressure = 1430 (alc figures) AGAP = 2879 inches Baro sensor = 590.3 at Dome A.
RF 222	04:03	Flat-topped mountain cut off at some height as other mountains in the area.
	04:47	Outside temp. -27°C, Cabin temp = 25.1°C Outside pressure Scanner temp = -14.5°C
RF 304	05:08	Small hills at 3km deep with incised valley with water in the lead. 275 mbars. 2879 inches mgy
RF 308	05:11	WPS/9 EOL SL500 AGIS BARO 626 mbars @ AGAP.
	05:16.	RADAR Tx off.
	05:19.	LANDING.
	05:23.	AGIS off
	05:24	Lazer off.
	05:24	STAND AT FUEL
	05:39	Move to Park
	05:42.	Stand at Park.

C-FSJB

AGAP-S

MISSION PROFILE: AGAP_LineDS6

FLIGHT

~~43~~ 46

NR	LATITUDE (DM)	LONGITUDE (DM)	LINE	TYPE	X-LINE	DIST (nm)	COMMENT
1*	84° 29.40' S	77° 21.18' E		AGAP-S		11.2	TRANSIT TO NEXT WAYPT
2*	84° 18.55' S	77° 44.77' E	L550.1	SOT		2.7	
3	84° 15.87' S	77° 45.81' E	L550.1	SOL	T10090	273.5	
4	79° 43.85' S	78° 44.55' E	L550.1	EOL	T10240	2.7	
5*	79° 41.16' S	78° 44.88' E	L550.1	EOT		13.5	TRANSIT TO NEXT WAYPT
6*	79° 40.72' S	77° 29.82' E	L500.1	SOT		2.7	
7	79° 43.41' S	77° 29.18' E	L500.1	SOL	T10240	273.5	
8	84° 15.10' S	75° 32.02' E	L500.1	EOL	T10090	2.7	
9*	84° 17.77' S	75° 29.95' E	L500.1	EOT		16.0	TRANSIT TO NEXT WAYPT
10*	84° 29.40' S	77° 21.18' E		AGAP-S		0.0	

TOTAL DISTANCE (nm): 598.4

TOTAL DISTANCE (km): 1108.3

* = waypoint relevant for aircraft navigation.

Lead-in distance (km): 5

Flight plan created on 01/11/2009 21:54



