

AGAP-S

C-FSJB

December 2008/January 2009

# OPERATOR FLIGHT LOG

Flight Number	F43
Date (ZULU)	01/11/09
Pilot/Co-Pilot	BRIAN / REBECCA
Operator(s)	NICK
Line Numbers	SL 570 / SL 590

**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	A, FLT 42	Start recording. CF Card:      Job name:
		Battery charge: A:      % B:      % External:      %
		Available memory:      KB.
		No Sat tracked:      L1:      L2:
GPS SJB-2	A, FLT 42	Start recording. CF Card:      Job name:
		Battery charge: A:      % B:      % External:      %
		Available memory:      KB.
		No Sat tracked:      L1:      L2:

AGIS on	02:32	Start recording. Project name: B901102-P32
	Not off from F41	Engines on
	02:31	Taxi
	02:34	Takeoff
Laser on	02:31	Start recording. Project name: FLIGHT 43.
Radar on	02:39	Start recording. Filename(s): FLIGHT 43.

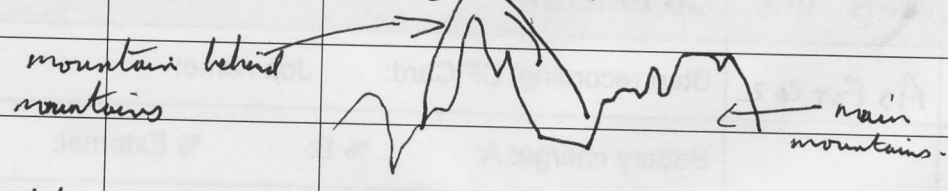
Event	GPS Time	Comments
-------	----------	----------

	02:39	GRAVIMETER GREEN LIGHT ON.
--	-------	----------------------------

	02:41	Cabin temp = 16.4°C Scanner temp = -19.6°C Outside temp = -30°C
--	-------	--------------------------------------------------------------------

Radar file 011	02:45	WP2/3 SOL SL 570
----------------	-------	------------------

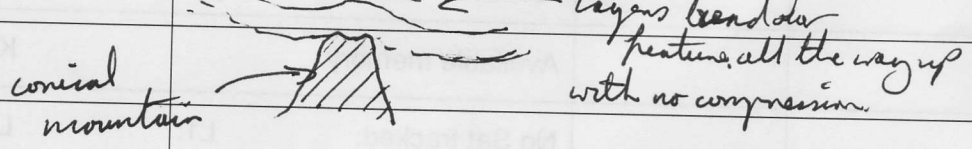
Radar file 068-71	03:31	Multiple mountains visible into the page - they must be very close together.
-------------------	-------	------------------------------------------------------------------------------



Radar file 085	03:44	Very bright reflector
----------------	-------	-----------------------

Radar file 100	03:54	Peak pushes up into double reflector layer that runs along above the bed.
----------------	-------	---------------------------------------------------------------------------

Radar file 110	04:02	Conical mountain looks like it is pushing up the layers which don't diminish in offset with height.
----------------	-------	-----------------------------------------------------------------------------------------------------



conical mountain

Event	GPS Time	Comments
Radar file 120	04:12	U-shaped valley @ -3.5km + gorge.
	04:18	Cabin temp 10.4°C Scanner temp = -22.1°C Outside temp = -32°C.
Radar file, 142	04:30	V-shaped valley cut into U-shaped valley.
Radar file 158	04:42	WP 415 EOL SL 570
Radar file 166	04:49	WP 617 SOL SL 590
	05:43	Cabin temp = 17.5; Scanner temp = -22.7°C Outside temp
Radar file 237-241	05:48	Strange mountain with odd contour.
Radar file 0307	06:41	WPS/9 EOL 590.
	06:49	Radar Tx off ./ Radar off.
	06:51	LANDED
		TAXI TO FUEL
	06:54	STOP AT FUEL.

07:05. MOVE TO PARK  
 07:10. STOP AT PARK.  
 06:52. Lags off.  
 06:54. Agis off.

SHORT

C-FSJB

AGAP-S

MISSION PROFILE: AGAP\_LineDS12

FLIGHT 38 43

NR	LATITUDE (DM)	LONGITUDE (DM)	LINE	TYPE	X-LINE	DIST (nm)	COMMENT
1*	84° 29.40' S	77° 21.18' E		AGAP-S		13.2	TRANSIT TO NEXT WAYPT
2*	84° 18.72' S	78° 38.84' E	L570.1	SOT		2.7	
3	84° 16.04' S	78° 39.46' E	L570.1	SOL	T10090	273.5	
4	79° 43.94' S	79° 14.73' E	L570.1	EOL	T10240	2.7	
5*	79° 41.25' S	79° 14.92' E	L570.1	EOT		5.4	TRANSIT TO NEXT WAYPT
6*	79° 41.30' S	79° 44.97' E	L590.1	SOT		2.7	
7	79° 43.99' S	79° 44.91' E	L590.1	SOL	T10240	273.5	
8	84° 16.12' S	79° 33.15' E	L590.1	EOL	T10090	2.7	
9*	84° 18.80' S	79° 32.94' E	L590.1	EOT		16.7	TRANSIT TO NEXT WAYPT
10*	84° 29.40' S	77° 21.18' E		AGAP-S		0.0	

TOTAL DISTANCE (nm): 593.1  
TOTAL DISTANCE (km): 1098.4

\* = waypoint relevant for aircraft navigation.

Lead-in distance (km): 5

Flight plan created on 01/09/2009 02:57

