

AGAP-S

C-FSJB

December 2008/January 2009

# OPERATOR FLIGHT LOG

Flight Number	Flight 39.	Note: changed copy
Date (ZULU)	01/09/09	files for GPS receivers to
Pilot/Co-Pilot	Brian / REBECCA	include logging of raw
Operator(s)	Nick	data of PRN#5 and #32 MS
Line Numbers	TL 10200 / TL 10210 / L470.	

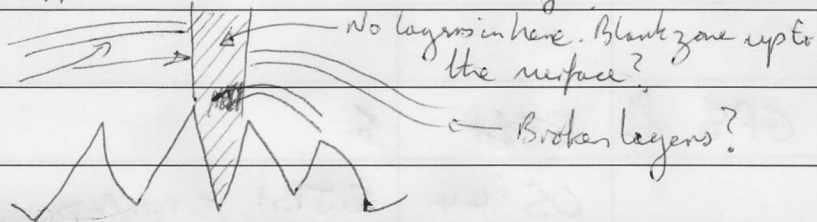
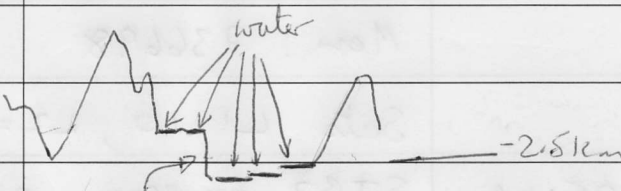
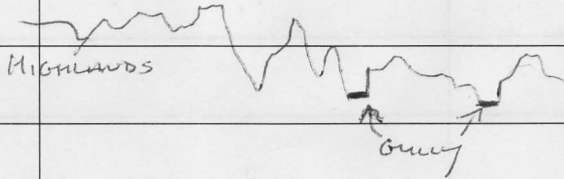
**Start GPS and magnetic base stations at least 30 mins before takeoff. Start recording with aircraft GPS receivers at least 30 mins before takeoff.**

Event	GPS Time	Comments
GPS SJB-1	<del>20:43</del>	Start recording. CF Card: Job name: C-FSJB1-F39*
	21:54	Battery charge: A: 100 % B: 100 % External: 75. %
		Available memory: 885674. KB.
		No Sat tracked: L1: 7 L2: 7
GPS SJB-2	<del>20:43</del>	Start recording. CF Card: Job name: C-FSJB2-F39*
	21:50	Battery charge: A: 100 % B: 100 % External: 73. %
		Available memory: 885690 KB.
		No Sat tracked: L1: 7 L2: 7.

\* deleted old jobs and created new F39 jobs, shut log raw data for PRN 5 and 32 MS 1

## Operator Flight Log | F39

AGIS on	23:09	Start recording. Project name: B9010923.P09
	23:04	Engines on
	23:08	Taxi TO TIP TANK FUEL
	23:22	TAXI TO TAKE OFF
	23:27	Takeoff
Laser on	23:10	Start recording. Project name: FLIGHT 39
Radar on	23:29	Start recording. Filename(s): FLIGHT 39
Radar Trcon	23:31	
<b>Event</b>	<b>GPS Time</b>	<b>Comments</b>
	23:33	Cabin temp = 7.9°C, Scanner temp = +11°C! Turn bleed heat down! Outside temperature = -31°C
	23:38	Gravimeter battery to 'charge'
	23:47	Cabin temp = 11.1°C, Scanner temp = -8.4°C - better than above.
	00:55	Cabin temp = 18.3°C, Scanner temp = -21.5°C Outside temp = -32°C
	00:56	Front Inverter = 28.2V 16A Rear Inverter = 28.2V 46A (gravimeter on charge)
Radar File 121	01:05	Canyon 4km down, in valley.
	01:10	Gravimeter battery to 'backup'
Radar File 138	01:19	WP2/3 SOL TL10200
	01:15	turn <del>on</del> towards WP2.
157	01:34	Canyon in steep sided valley.
	02:04	Cabin temp = 15.2°C Scanner temp = -23.7°C Outside temp = -32°C
210	02:18	4km deep valley 6km wide in larger valley with 3.5km deep. 3 separate sites of water in the 6km wide valley.
213	02:19	WP4/5 EOL T10200

Event	GPS Time	Comments
Radar File 228	02:31	WP6/7 - SOL TL 10210.
Radar File <del>247</del> 256	02:53	3 mines in valley bottom as per TL 10200.
	02:56	Cabin temp = 15.5°C Scanner temp = -23.5°C Outside temp = -32°C.
	02:59	Groundwater green light is on.
Radar file 269	03:04	WP 18/9 EOL <del>TL 10210</del> TL 10210
Radar File 277	03:10	WP 10/11 SOL SL 470
Radar File 299-301 300	03:29	Apparent disconnection between the layers
		Continuation of layers? 
		-3000m
Radar File 338	03:59	lake like features
		
<del>Radar File 389</del>	04:11	vertical cliff Cabin temp = 15.6°C Scanner temp = -21.4°C Outside air temp = -32°C
Radar File 389	04:40	WP 12/13 EOL SL 470
Radar File 388-390	04:40	Two drainage gullies on the end of the highlands right at the end of the grid.
		Highlands 

Event	GPS Time	Comments
	04.45	Radio Tx off.
	04.51	landed
	04:53.	Stop at Fuel.
	05.08	Move to Parking
	05.11	Stop at Parking.
	04:54.	Lazyr off
	04:54.	AGIS off.
GPS off	SJBT	\$
	05:44	SJBT1 STOPPED - C_FSTBT1-F39
		BATT: 100, 100, 75
		Mem: 736698
		Sats L1=10; L2=11.
	05:46	SJBT2 STOPPED - C_FSTBT2-F39.
		BATT: 100, 100, 73
		Mem: 734362
		Sats: L1=11, L2=11.

C-FSJB		AGAP-S				MISSION PROFILE: AGAP_TiedS12	
FLIGHT 39							
NR	LATITUDE (DM)	LONGITUDE (DM)	LINE	TYPE	X-LINE	DIST (nm)	COMMENT
1*	84° 29.40' S	77° 21.18' E		AGAP-S		227.4	TRANSIT TO NEXT WAYPT
2*	80° 49.07' S	70° 24.31' E	T10200.1	SOT		2.7	
3	80° 49.50' S	70° 40.95' E	T10200.1	EOL	L270	132.5	
4	80° 54.95' S	84° 32.84' E	T10200.1	EOL	L760	2.7	
5*	80° 54.73' S	84° 49.82' E	T10200.1	EOT		18.2	TRANSIT TO NEXT WAYPT
6*	80° 36.63' S	84° 40.58' E	T10210.1	SOT		2.7	
7	80° 36.84' S	84° 24.14' E	T10210.1	SOL	L760	78.4	
8	80° 37.40' S	76° 25.24' E	T10210.1	EOL	L470	2.7	
9*	80° 37.22' S	76° 08.77' E	T10210.1	EOT		3.8	TRANSIT TO NEXT WAYPT
10*	80° 34.71' S	76° 26.25' E	L470.2	SOT		2.7	
11	80° 37.40' S	76° 25.24' E	L470.2	SOL	T10210	218.7	
12	84° 14.39' S	74° 12.09' E	L470.2	EOL	T10090	2.7	
13*	84° 17.06' S	74° 09.41' E	L470.2	EOT		22.6	TRANSIT TO NEXT WAYPT
14*	84° 29.40' S	77° 21.18' E		AGAP-S		0.0	
TOTAL DISTANCE (nm):						717.9	
TOTAL DISTANCE (km):						1329.5	

\* = waypoint relevant for aircraft navigation.

Lead-in distance (km): 5

Flight plan created on 01/09/2009 06:35

1700 1800 1900 2000 2100 2200 2300

Distance [km]

