

AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

Flight Number	FLIGHT 29
Date (ZULU)	01/07/09
Pilot/Co-Pilot	BRIAN / REBECCA
Operator(s)	Nick
Line Numbers	T 10160 / T 10170

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

AGIS on	02:35	Start recording. Project name: B9010702. P37
	02:15	Engines on
	02:20	Taxi
	02:25	Takeoff
Laser on	02:28	Start recording. Project name: ACAP. F29
Radar on	02:30	Start recording. Filename(s): FLIGHT 29
Event	GPS Time	Comments
	02:50	Cabin temp = 11°C Scanner temp = -16.5°C Outside temp = -27°C
	03:02	Tip tank off. Note: right pump still not OK & was cycling before being switched off. The cycling shows up as a step in the left mag data every 3-4 minutes. Also the hydraulic leak test is still there as always.
	03:16	Put Gravimeter battery to Charge.
file RADAR FILE 087	03:38	WP 2/3 ON TL 10160
	03:51	Switch Gravimeter battery to Backup.
Radar file 0114	03:52	3 small lakes between mountains
Radar file 0116	04:01	Pointy mountain. +400m T anomaly.
0116	04:05	Cabin temp = 18.7°C Scanner temp = -7°C Outside temp = -30°C
Radar file 157	04:35	WP 4/5 EOL TL 10160
Radar file 172	04:46	WP 6/7 SOL TL 10170
	05:13	Cabin temp = 22.8°C Scanner temp = -6.5°C Outside temp = -30°C

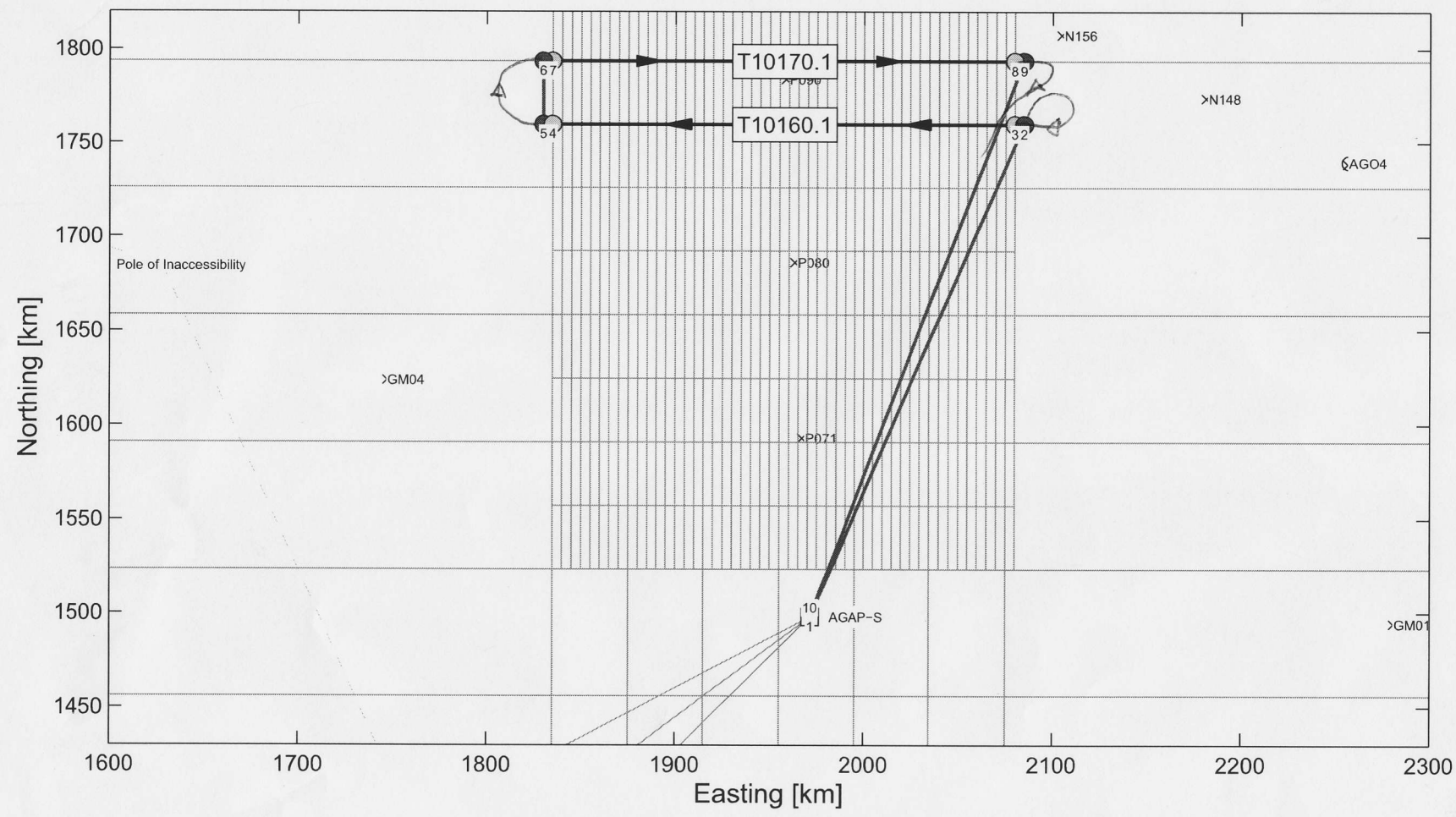
Event	GPS Time	Comments
	05:32	Change elevation to 500' ft to avoid cloud.
Radar file 0231	05:33	Water in small curved out valley within larger valley. ie River?
	05:40	Return to 1000' after cloud bank.
	05:46 05:47	WP8 EOE TL10170 WP9
	05:53	GRAVIMETER BATTERY TO CHARGE.
Radar files 0300-0302	06:29	Two small rivers in gullies 200-300m deep Valley floor 3.8Km deep.
Radar file 315-316	06:42	Great outstanding waves in the radar data over a small but very pointy mountain 2-3000m.
	06:59	Radar off Tx off - Radar off.
	07:05.	Laser off
	07:06.	Agis off.
	07:03	Landed.
	07:05	Standstill at fuel.
	07:27.	Move to Parking
	07:29	Standstill at Parking.

C-FSJB				AGAP-S				MISSION PROFILE: AGAP_TieDS3			
				FLIGHT 28 29							
NR	LATITUDE (DM)	LONGITUDE (DM)	LINE	TYPE	X-LINE	DIST (nm)	COMMENT				
1*	84° 29.40' S	77° 21.18' E		AGAP-S		153.9	TRANSIT TO NEXT WAYPT				
2*	82° 07.06' S	85° 33.73' E	T10160.1	SOT		2.7					
3	82° 07.30' S	85° 14.21' E	T10160.1	SOL	L760	132.4					
4	82° 01.05' S	69° 17.55' E	T10160.1	EOL	L270	2.7					
5*	82° 00.55' S	68° 58.54' E	T10160.1	EOT		18.2	TRANSIT TO NEXT WAYPT				
6*	81° 42.72' S	69° 22.27' E	T10170.1	SOT		2.7					
7	81° 43.20' S	69° 40.63' E	T10170.1	SOL	L270	132.4					
8	81° 49.23' S	85° 02.73' E	T10170.1	EOL	L760	2.7					
9*	81° 48.99' S	85° 21.55' E	T10170.1	EOT		170.8	TRANSIT TO NEXT WAYPT				
10*	84° 29.40' S	77° 21.18' E		AGAP-S		0.0					
				TOTAL DISTANCE (nm):		618.6					
				TOTAL DISTANCE (km):		1145.6					

* = waypoint relevant for aircraft navigation.

Lead-in distance (km): 5

Flight plan created on 01/05/2009 05:10



FLIGHT 23 29

MAX ALT: 14640 ft

C-FSJB

