

AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

Flight Number	F14
Date (ZULU)	Dec 31, 2008
Pilot/Co-Pilot	BRIAN / REBECCA.
Operator(s)	NICK.
Line Numbers	510/490

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	19:43 19:58	Start recording. CF Card: S12 Job name: C-FSJB1-F14
		Battery charge: A: 100 % B: 100 % External: 75 %
		Available memory: 562874 294938 KB.
		No Sat tracked: L1: 9 L2: 9
GPS SJB-2	19:54	Start recording. CF Card: S2 Job name: C-FSJB2-F14
		Battery charge: A: 100 % B: 100 % External: 73 %
		Available memory: 564506 KB.
		No Sat tracked: 9 L1: 9 L2: 9

Operator Flight Log | F14/2

AGIS on	20:33	Start recording. Project name: B8123120-P33
	20:30	Engines on
	20:32	Taxi
	20:39	Takeoff
15 minute files Laser on	20:34	Start recording. Project name: AGAP-F14. (PETERS O-D LOCKING SW)
Radar on	20:33	Start recording. Filename(s): FLIGHT14. (GAMBIT 080814)

Event	GPS Time	Comments
RADAR File 014	20:43	Radar Txc on 10ms radar has 20dB attenuation as suggested by Prasad. GRAN BIT SWITCH UP.
	20:46 20:48	WP2 Brian in Control WP3
	21:01	OUTSIDE AIR TEMP = -23°C Scanner temp = -12.7°C
	21:30	Outside temp = -26°C. Scanner temp = -15.1°C.
Radar file 86.	21:40	Lake like feature ~ 4km long.
Radar file 011	21:58	Long wavelength may anomaly over 3 dome mountains
Radar files 127 - 130	22:14	low cloud on approach to the dome. Descend to 600ft.
Radar file 136	22:20	Over Dome A.
	22:21	cloud cleared & so moved back up to 1000ft.
	22:28	outside temp = -28°C Scanner temp = -17°C.
Radar file 171	22:46 22:47	WP4 Laser file F1409 WP5 - STOPPED radar to check settings
	22:49	WP6 RESTARTED RADAR
Radar file 172	22:50	WP7. Rebecca in Control
Radar file 198	23:10	Dome A Valley Laser file AGAP-F14-010-2dd.

Event	GPS Time	Comments
Radar file 0208	23:17	climb out of cloud to 1300ft → 1600ft - Alt = 1500ft. Laser file AGAR_F14010.2dd (end of).
Radar file 0215	23:22	High frequency wobble of 200ft over 3 small mountains
Radar file 0220	23:25	climb to 1800'
Radar file 0220	23:27	large negative ^{Mag} anomaly over over a pointy mountain
Radar file 0223	23:30	return to 1000'
	23:49	Laser file started - file AGAR_F14013.2dd This file will be good midnight UTC.
	23:50	Mag file B8123123.P33
Radar file 0258	23:58	
Radar file 260	00:00	Laser - File F14013.2dd. Radar
	00:00	Mag File B8123123.P33 GPS SSB1+SSB2 BOTH logging through 00:00
	00:20	Outside Air temp -24°C Scanner temp -14.9°C Cabin temp +17.5°C
	00:49	WPS
	00:50	WPS
	00:56	RADAR off.
	00:58	RADE RECORDING off.
	01:01	LAND DOWN ED
	01:03	STOP TO REFUEL
	01:04	LASER off
	01:05	AGIS off.

Nick / Michael

C-FSJB		AGAP-S						MISSION PROFILE: AGAP_LineDS8	
FLIGHT 14									
NR	LATITUDE (DM)	LONGITUDE (DM)	LINE	TYPE	X-LINE	DIST (nm)	COMMENT		
1*	84° 29.40' S	77° 21.18' E		AGAP-S		14.2	TRANSIT TO NEXT WAYPT		
2*	84° 17.97' S	75° 56.86' E	L510.1	SOT		2.7			
3	84° 15.29' S	75° 58.73' E	L510.1	SOL	T10090	273.5			
4	79° 43.52' S	77° 44.24' E	L510.1	EOL	T10240	2.7			
5*	79° 40.83' S	77° 44.83' E	L510.1	LOT		5.4	TRANSIT TO NEXT WAYPT		
6*	79° 40.60' S	77° 14.83' E	L490.1	SOT		2.7			
7	79° 43.29' S	77° 14.11' E	L490.1	SOL	T10240	273.5			
8	84° 14.88' S	75° 05.34' E	L490.1	EOL	T10090	2.7			
9*	84° 17.56' S	75° 03.07' E	L490.1	EOT		18.1	TRANSIT TO NEXT WAYPT		
10*	84° 29.40' S	77° 21.18' E		AGAP-S		0.0			
TOTAL DISTANCE (nm):						595.4			
TOTAL DISTANCE (km):						1102.7			

* = waypoint relevant for aircraft navigation.

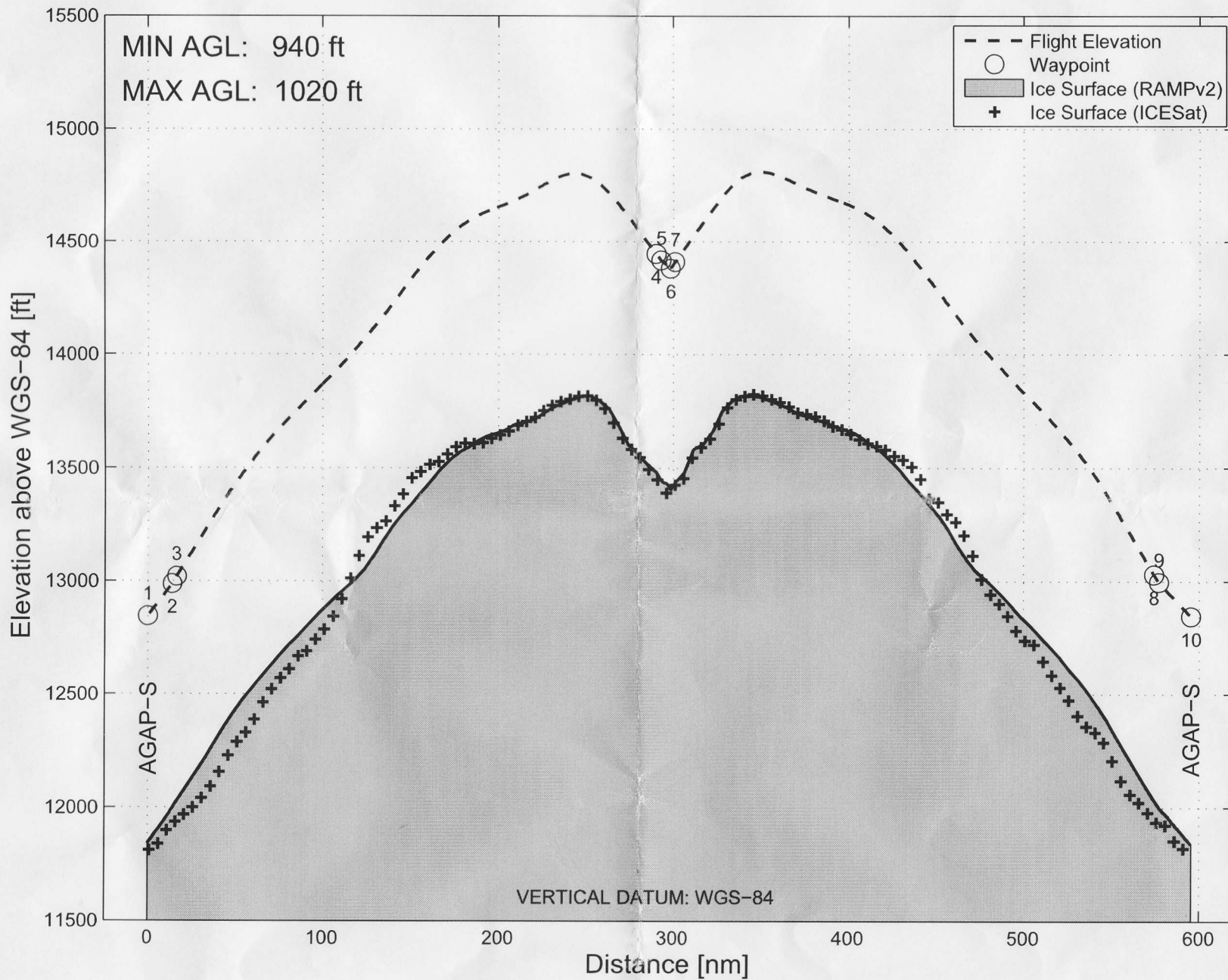
Lead-in distance (km): 5

Flight plan created on 12/28/2008 21:03

FLIGHT 14

MAX ALT: 14800 ft

C-FSJB



FLIGHT 14

TOTAL DISTANCE: 595.4 nm

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