



AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

| | |
|----------------|----------------|
| Flight Number | F42 |
| Date (ZULU) | Jan 10, 2009 |
| Pilot/Co-Pilot | Brian, Rebecca |
| Operator(s) | Michael |
| Line Numbers | L620 and L690 |

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 | 20:32 | Start recording. CF Card: S1 Job name: C-FSJB1-F42 |
| | | Battery charge: A: 100 % B: 100 % External: 75 % |
| | | Available memory: 736698 KB. |
| | | No Sat tracked: 9 L1: 9 L2: 9 |
| GPS SJB-2 | 20:33 | Start recording. CF Card: S2 Job name: C-FSJB2-F42 |
| | | Battery charge: A: 100 % B: 100 % External: 73 % |
| | | Available memory: 734362 KB. |
| | | No Sat tracked: 9 L1: 9 L2: 9 |

Operator Flight Log | F 42

| | | |
|--------------------|-----------------|---|
| AGIS on | 20:40 | Start recording. Project name: AGAP_F42 |
| | 21:18 (right) | Engines on left 21:18:45 is 4 |
| | 21:22 | Taxi → unstick |
| ↑ reset Fuel 21:27 | 21:27 | Takeoff |
| Laser on | 20:43/6 | Start recording. Project name: AGAP_F42 350 MB |
| Radar on | 21:13 | Start recording. Filename(s): left an |
| | | drive to |
| Event | GPS Time | Comments |
| | 21:31 | radar tx on file 23, no battery charging |
| | 21:32 | AGIS Line 620 |
| | 21:40 | WP2 too far ... |
| | 21:41 | WP3 SOL 620 500m to the east. |
| | 21:49 | FBL is on line 520 |
| | | Lip tanks on? |
| | | Windshield heat on? |
| | 22:00 | -31°C ant sidr drain at temp. 13900 pressure cabin temp 9°C only, scanner -18°C |
| | | requested more bleed heat on left side |
| | 22:08 | scanner -8°C requested less heat. |
| | 22:09 | wind shield heat off → mag spike |
| | | on RMg 1 nothing on RMg 2 |

STOPPED
ONLY

deleted files

| Event | GPS Time | Comments |
|-------|----------|--|
| | 21:15-20 | tips off? |
| | 22:25 | sugar loaf mountain |
| | 22:50-58 | pointy mts |
| | 23:10 | 35 min to EOL ##### |
| | 23:14 | very weak bed reflection |
| | 23:20 | " " " continues |
| | 23:35 | patchy ice surface, hoar frost? |
| | 23:43 | cabin temp. 20.1°C (no change in scanner temp. -19.8 (bleed heat since 22:08)) |
| | 23:45 | WP4 EOL 620 |
| | 23:47:54 | turn (EOT 620) |
| | 23:50 | AGIS locked on to L 690.1 |
| | 23:56 | turning toward the line |
| | 23:57:34 | on the line (too soon?) |
| | | |
| | 23:59 | both GPS receivers dropped out (H. Schuler) |
| | 00:00 | both GPS receivers are back at way point SOL 690 |
| | 00:45 | ice surface does not seem to be impacted by wind as much as at |
| | | AG AP-SI |

arrived
 P64 lost
 camera in
 critical turn

| Event | GPS Time | Comments |
|-------|----------|--------------------------|
| | 01:44 | pretty peak |
| | 01:51:10 | WP 8 EOL L690.1 |
| | 01:52:30 | WP 9 turn EOL L690.1 |
| | 01:53 | AGIS lock => norm |
| | 02:07 | radar tx off Alt 368 |
| | | 9 miles before landing |
| | 02:12 | at touch down |
| | 02:14 | at fuel position |
| | 02:15 | AGIS off; laser off |
| | 02:17 | radar off |
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| C-FSJB | | AGAP-S | | MISSION PROFILE: AGAP_LineDS26 | | | |
|----------------------|---------------|----------------|--------|--------------------------------|--------|-----------|-----------------------|
| FLIGHT 42 | | | | | | | |
| NR | LATITUDE (DM) | LONGITUDE (DM) | LINE | TYPE | X-LINE | DIST (nm) | COMMENT |
| 1* | 84° 29.40' S | 77° 21.18' E | | AGAP-S | | 23.5 | TRANSIT TO NEXT WAYPT |
| 2* | 84° 18.77' S | 80° 54.11' E | L620.1 | SOT | | 2.7 | |
| 3 | 84° 16.09' S | 80° 53.70' E | L620.1 | SOL | T10090 | 273.5 | |
| 4 | 79° 43.97' S | 80° 30.18' E | L620.1 | EOL | T10240 | 2.7 | |
| 5* | 79° 41.28' S | 80° 30.05' E | L620.1 | EOT | | 18.9 | TRANSIT TO NEXT WAYPT |
| 6* | 79° 40.83' S | 82° 15.17' E | L690.1 | SOT | | 2.7 | |
| 7 | 79° 43.52' S | 82° 15.76' E | L690.1 | SOL | T10240 | 273.5 | |
| 8 | 84° 15.29' S | 84° 01.27' E | L690.1 | EOL | T10090 | 2.7 | |
| 9* | 84° 17.97' S | 84° 03.14' E | L690.1 | EOT | | 41.1 | TRANSIT TO NEXT WAYPT |
| 10* | 84° 29.40' S | 77° 21.18' E | | AGAP-S | | 0.0 | |
| TOTAL DISTANCE (nm): | | | | | | 641.2 | |
| TOTAL DISTANCE (km): | | | | | | 1187.6 | |

* = waypoint relevant for aircraft navigation.

Lead-in distance (km): 5

Flight plan created on 01/10/2009 14:53





