



AGAP-S

C-FSJB

December 2008/January 2009

OPERATOR FLIGHT LOG

Flight Number	F22
Date (ZULU)	Jan 4, 2008
Pilot/Co-Pilot	Brian/Rebecca
Operator(s)	Michael
Line Numbers	

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	} on from F21	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	00:43	Start recording. Project name: AGAP-F22
	00:45	Engines on second engine on
	00:46	Taxi
	00:50	Takeoff Rebecca in control
Laser on	00:41	Start recording. Project name: AGAP-F22
Radar on	00:40	Start recording. Filename(s):
Event	GPS Time	Comments
	00:54	radar tx on / grav battery charger on
	00:57	locked on to L710 in AGIS
	00:58	tip tanks are on
Test windshield wedge	1489	wind shield on
	1500	wire $dy \approx 5-10 \text{ m}$
		pilot heat is always on
	01:12	turn to next wp ~ SOT L710
	01:13	on line L710, new data file AGIS
	01:14:38	over wp #3; SOL L710
	01:18	scanne tempoch -11.9°C, outside -21.1°C
	01:31	flying below clouds, contains on ice surface get weaker
	01:37	in clouds
	01:41	600 ft AGL to avoid clouds.

is off 99% of the time

} stronger sensor 2

Event	GPS Time	Comments
	01:43	AGIS new data file
	01:51	tip tanks are off
	01:53	back to 1000 ft AGL
	01:59	very pointy, very tall mtn
	02:20	down to 700 ft AGL to avoid clouds.
	02:35	beautiful internal layers draped over Galveston.
	02:38	PGU reboot
	02:45	1000 ft AGL, cloudy
	03:04	mag anomaly (on aircraft instruments?)
	03:05	700 ft AGL
	03:13	AGIS new data file
	03:16	clouds beneath us, 1300 ft AGL
	03:18	at WP4 EOL 710
	03:19:44	on WP5 EOT 710
	03:21	switched to Lim 730 in AGIS
	03:23	on Lim 730 at WP 67
	03:24	Brian in control,
	03:26	big mag anomaly again >2000 ft
general comment:		for some reason, both mag sensors are very similar, but unfortunately very noisy. Too bad the geoid sensor became noisy as well. —

Event	GPS Time	Comments
	04:18	14500 ft pressure alt hm
	04:57	35 mins to go ~ 18:30 local ETA
	04:58	pimple maintain several minutes ago on radar
	05:11:20	WP 8 EOL 710
	05:12:22	WP 9 EOT 710
	05:13:30	AGIS new data file
UTC:	05:16	AIRWar battery to UPS position
05:	18:29	radar tx off
05:	18:34	shut down touch down ☺
05:	18:36	at fuel position.
	local	
	05:39	AGIS off, laser off
	05:54	engine (left) on
		leaving fuel position, taxi to parking
	05:56	at parking position
	05:57	engines off
	7:10	S3B1 + 2 off