

## Flight Summary GRIP 27 Aug 10

### General Information

**Flight date-** 27 Aug 2010

**Flight duration** - 4.02hours

**Crew** – Scott Reagan, Dom Del Rosso

**Instruments flown:** HIRAD, Tsunami, Vortex, Reveal, Autopilot Test Flight Recorders

### Flight Log

<b>Engine Start</b>	1410	<b>Takeoff</b>	1430	<b>Approach</b>	
<b>Data Rec On</b>	1415	<b>Begin Descent</b>		<b>Landing</b>	1840

### Gear extension/retractions

<b>Gear Up</b>	1430						
<b>Gear Down</b>							

### Weather Observations

Climb out was generally clear in the vicinity. Some scattered clouds, out over the gulf ,during flight building on shore by return. Areas of under-cast as well noted near shore on return.

### Flight Profile

The flight generally stayed within 70 NM of EFD at FL30 stepping up to FL500 for autopilot tests. Tsunami testing completed over the general area of EFD (over-flight) out to approximately 120 NM. During this period the ground control advised HIRAD should be shut down until just prior to heading over Gulf due to over heating concerns (no fail light). Upon completion, Vortex was shut down, HIRAD restarted and crossed coast line to over fly two buoys in the gulf as designated by HIRAD team at three different altitudes and one offset at 10 NM. Ground control advised Reveal had failed and requested a power cycle (no fail light). Reveal was restarted after about 15-20 minutes.

Autopilot tests were completed throughout the flight and culminated with tests at 3000 feet (unable to get the 1500 foot points due to ATC).

### Instrument Notes

- HIRAD was shut down for a period on request of customer. No Fail Light
- Reveal was shut down and restarted upon request of customer. No Fail Light.