

Debrief Notes

LO

Flight: Flight 1

File: 20061103a

Crew:

Cooksey

Leon

Oolman

Wechsler

Wheels up: ~12:30 noon

The first research flight for COWvex, flown on 11/3/06, went very well. Except for a small radar glitch, everything worked well.

The radar lost the 'V' channel early in the flight with a 500 ns, three beam mode. Stopping and starting the transmit did not fix the problem nor did cycling the DC power. It worked, without any further glitches, with a 250 ns mode.

The new popup display for SATXREL and SATDT worked well. A heavier font would make it more legible.

We may wish to consider whether a small display may be possible for the pilot when we design the new data system. The pilot uses the science display to navigate when we use pointers or the satellite tracking. This information is not available when the radar data is being viewed.

We need to be more diligent at notifying everyone of the flight. Matt was out of the loop.

The Heiman was removed prior to the flight. The header was adjusted. The postflight processing will need to be adjusted.

The TAMDAR appears to be working and was available from the web.

The check list appears to be complete. We had plenty of time to get things prepared for the flight.

We completed the mission with two 45 degree loops, 3000 feet above the ground with the dual-down, dual-side mode.