

Flight Summary MACPEX 1 APR 2011

General Information

Flight date- 1 APR 2011

Flight duration – 5.3 hours

Crew – HUL/DOM

Instruments flown: 2DS, ALIAS, CIMS, CLH, DLH, FCAS, FCDP, FISH, HARWV, HVPS, JLH, MMS, NMASS, O3, O3LITE, PALMS, SID3, SP2, ULH, VIPS

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|-------|----------------|-------|-------------|
| 12:22 | Takeoff | 17:58 | Land |
|-------|----------------|-------|-------------|

Flight Log

Engine

Start 1211

| | | | | | |
|-----------------|------|----------------|------|----------------|------|
| Data Rec | 1213 | Begin | 1645 | Landing | 1758 |
| On | | Descent | | | |

Gear extension/retractions

| | |
|----------------|------|
| Gear Up | 1222 |
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| Gear Down | 1710 |
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Weather Observations

 Clear day

One cloud about 882nm south. Mid level cirrus haze at FL410.

Flight Profile

Transit to range uneventful. Transit at FL530 with slow decent to initial point.

Diverted, per science direction, to point 5 then headed due south (slight deviation for Cuban airspace).

Ascended after exiting visible cloud, returning to base to eventual max altituse of FL580.

Instrument Notes

NMASS fail on initial start up. Action per checklist; reset without incident 1X.

HARVWV fail light at FL1341 FL530. Action per check list; reset without incident 1X.