

Flight Summary MACPEX 26 APR 2011

General Information

Flight date- 26 APR 2011

Flight duration – 5.6 hours

Crew – HUL/DOM

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

1225	Takeoff	1804	Land
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Flight Log

Engine

Start 1216

Data Rec	1218	Begin	1700	Landing	1804
On		Descent			

Gear extension/retractions

Gear Up 1225

Gear Down 1755

Weather Observations

Ascended through broken cloud layer tops at 5,000 departing EFD.

Entered cloud tops near FL280 at Eastern initial point for SGP over flight. 1358 entered in trail ICE09 experiencing intermittent light turbulence.

1403 out of solid cloud layer over ARM site with undercast.

Periodically in and out of cloud layers during all traverses of the site from FL280 to FL220 in 1,000 foot increments.

1603 turned off line from rapidly building thunderstorm over SGP West.

Flight Profile

Transit of range was uneventful.

ATC handling was outstanding.

Communications with ICE09 spotty due to their ratty comm.

Several E-W, W-E passes made over site on 60nm legs (note some cut short if out of clouds to make up distance on ICE 09) at FL280, FL250, FL240, FL230, and FL220 until turned from storm and RTB

MMS Box completed at FL300 over gulf on return.

Instrument Notes

NO ISSUES!

HARVWV fail below 3,000'. No action per checklist.