TREX06: 20060324a
IOP-6: Flt-1

Flight notes: System Scientist (3rd seat)

Crew:
   Pilot: Kevin Fagerstrom
   Flt Scientist: Vanda Grubisic
   System Scientist: Jeff French
   4th Seat: Jorg (?)

Pre-flight:
   Radar down. Repairs on the modulator being done at ProSensing.
   No other instrument issues

   Weather conditions: mostly cloudy w/ thin alto-stratus deck, sfc winds 130 at 10 knots, clear below 12 kft

Flight:
   Wheels up 2200 UTC (all times hereafter are in UTC)
   2216: begin first leg FL220 along track B, tracking ~247, +1.5/-2 m s^-1, very smooth
   2235: 90/270 at west end, descend to FL190 once we return to MOA (@ 2238)
   2252: 90/270 at east end, begin west bound leg at FL170
   2311: 90/270 begin east bound leg, just above cloud top at FL 150
   231330: clip cloud top just over top of ridge
   2330: setup for first box in valley, FL110
   2348: begin box for FL100
   0000: begin box at FL080
   0011: begin box at FL060
   0020: end box patterns, climb to FL220 to repeat earlier legs (feeling is best waves at these altitudes)
   0033: begin west bound leg at FL220, waves +1.5/-2 m s^-1
   0054: 90/270, descend to FL190, begin east bound leg, wave amplitude of +/- 3m s^-1
   0109: finish last leg, RTB

Post-flight/impressions
   Weak turbulence in valley, smooth, low amplitude waves above ridge crest

   No known instrument problems during flight