TREX06: 20060408b
IOP-10: Flt-2

Flight notes: System Scientist (3rd seat)

Crew:
   Pilot: Don Cooksey
   Flt Scientist: Larry Armi
   System Scientist: Jeff French
   4th Seat: Don Lukens

Pre-flight:
   Severe clear, radar is working, but no clouds around
   Weather Conditions at Bishop: Clear, wind: 150 @ 15 gusting 22 kts, T=20C, DewPt=-4C

Flight:
   2249: takeoff
   2235: Perform full circle (right wing down) with radar in side/dualdown to test radar by getting ground return
   2251: at FL250 at west end of pattern (over Sierras)
   2257: begin leg 1, FL250 tracking east, weak wave, +/- 1 m s^{-1}
   230830: begin leg 2, FL200 tracking west, weak wave -2.1 m s^{-1}/+1.2 m s^{-1}
   232345: begin leg 3, FL180 tracking east, slightly stronger at this level, +2.5/-3 m s^{-1}
   2334: begin leg 4, FL160 tracking west, +3/-4 m s^{-1}
   2349: begin leg 5, FL140 tracking east, no waves, some light chop over crest of Sierra
   2359: begin leg 6, FL120, now in valley, turn at Sierras, no waves
   0009: begin leg 7, FL100, tracking east, no waves
   0018: begin leg 8, FL080, tracking west, no waves
   0025: begin leg 9, FL060, tracking east, no waves
   003130: begin leg 10, 500 ft AGL, tracking west
   0051: Touchdown

Post-flight/impressions
   Weak waves at ridge top and above, no penetration into valley, only single wave (nothing downstream