



ERA24LA099

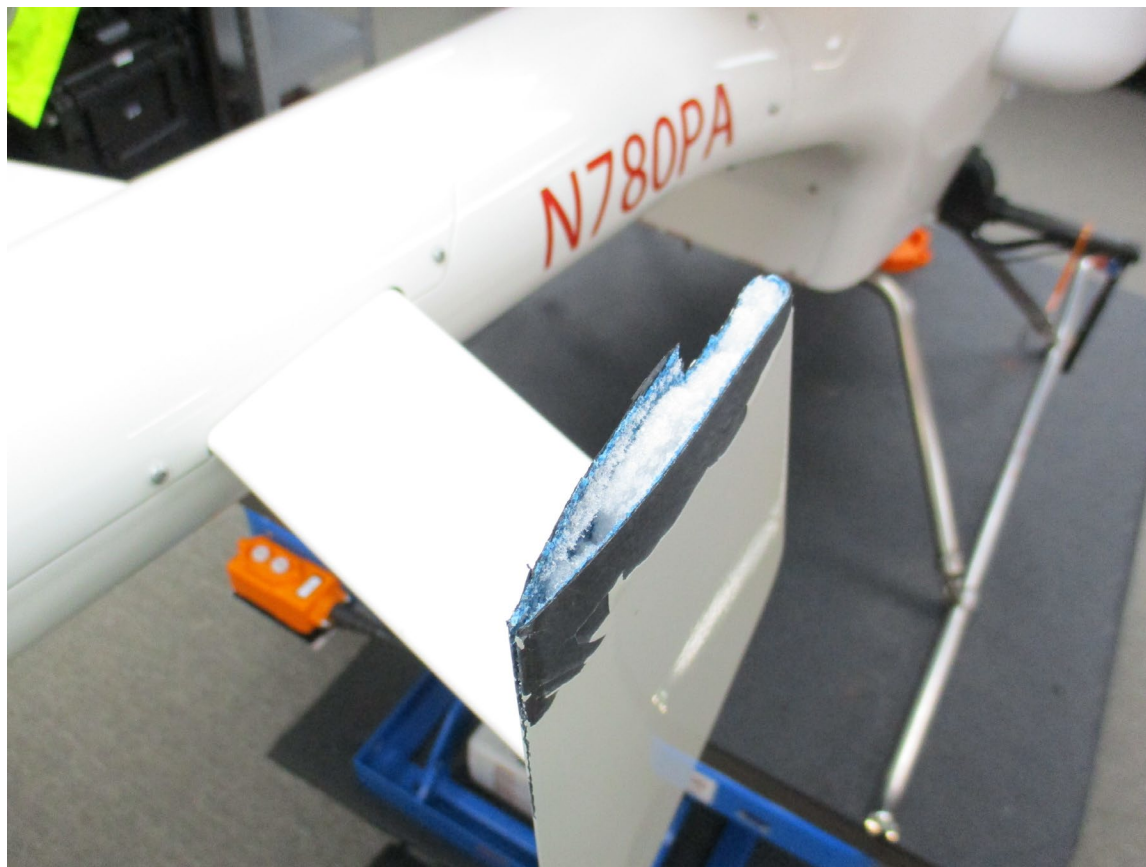
UAS EXAMINATION



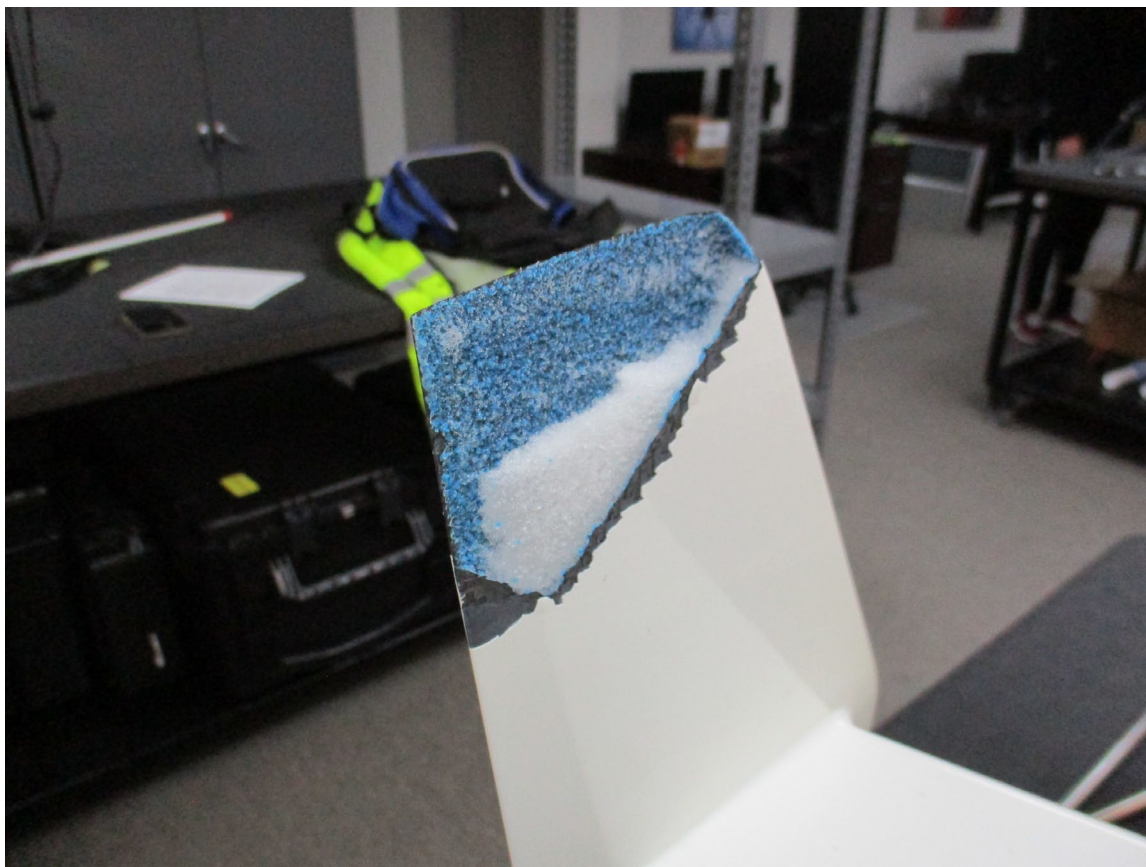
Photograph 1: UAS Overview (Source: FAA)



Photograph 2: UAS Overview (Source: FAA)



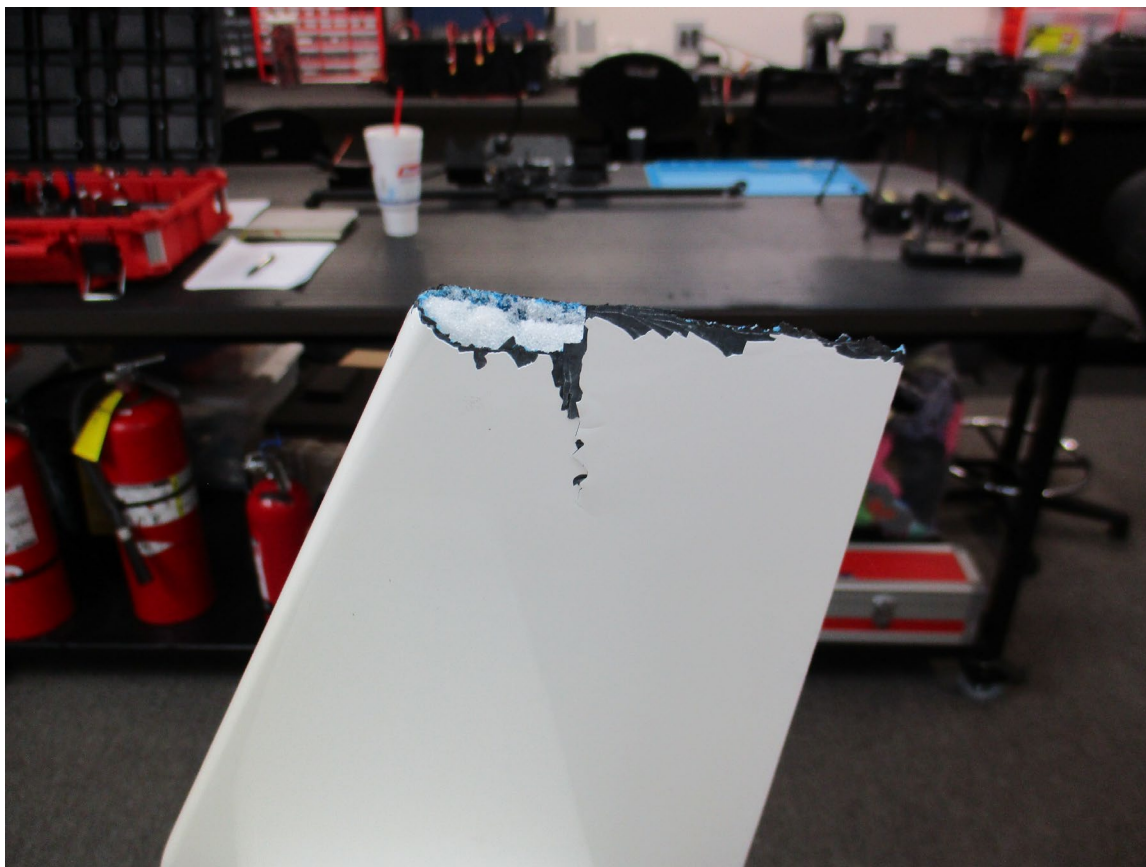
Photograph 3: Damage to vertical stabilizer (Source: FAA)



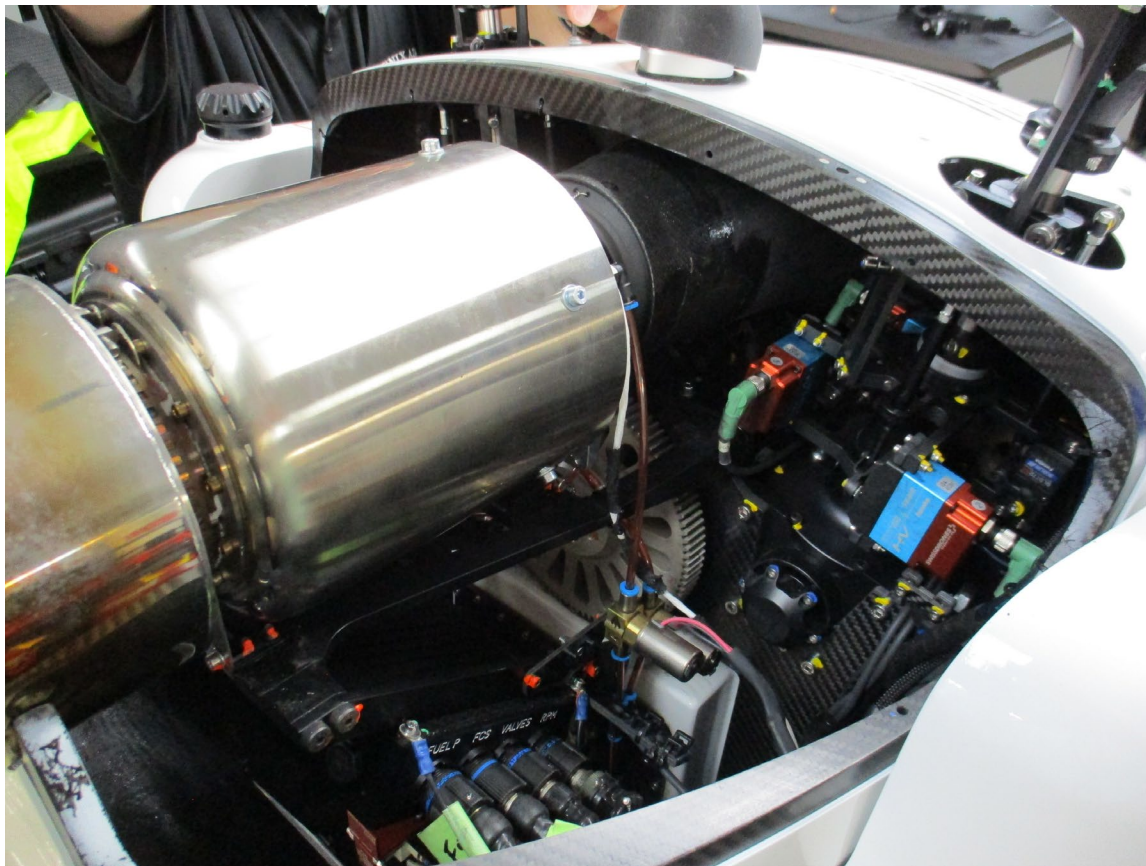
Photograph 4: Vertical Stabilizer Damage (Source: FAA)



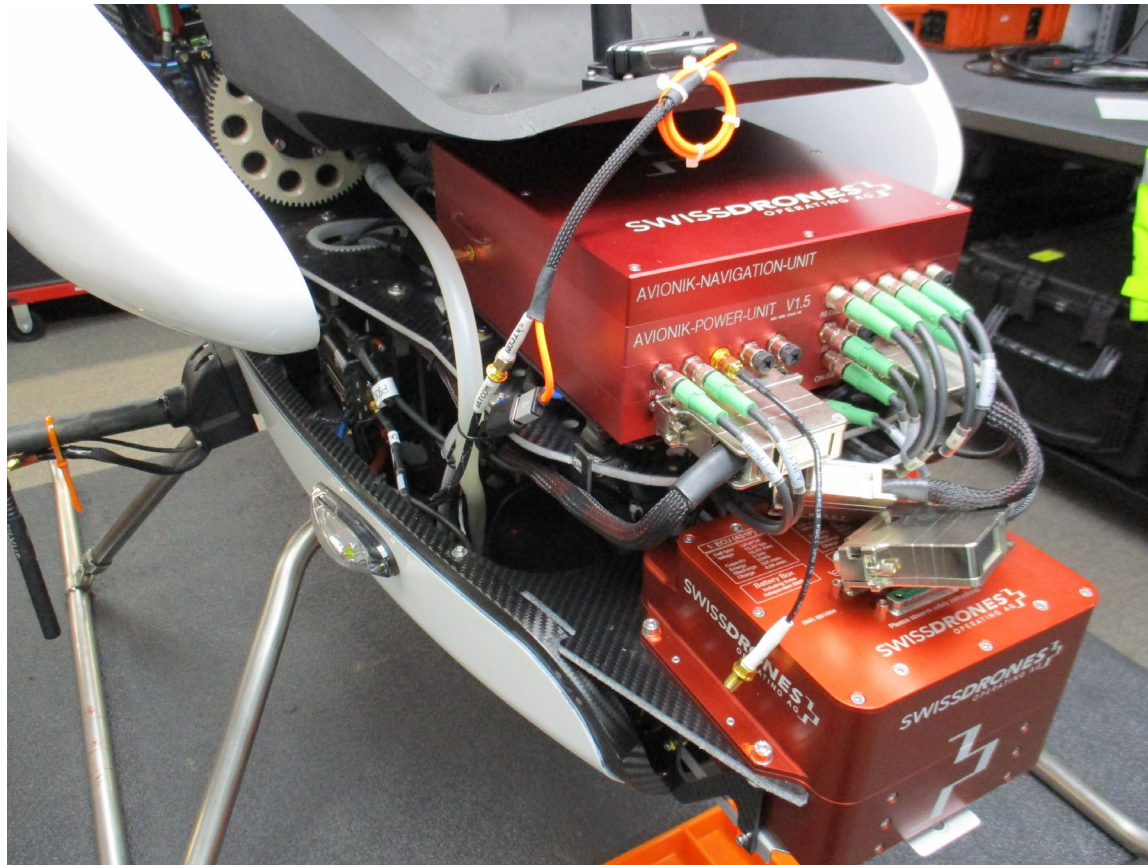
Photograph 5: Vertical Stabilizer Damage (Source: FAA)



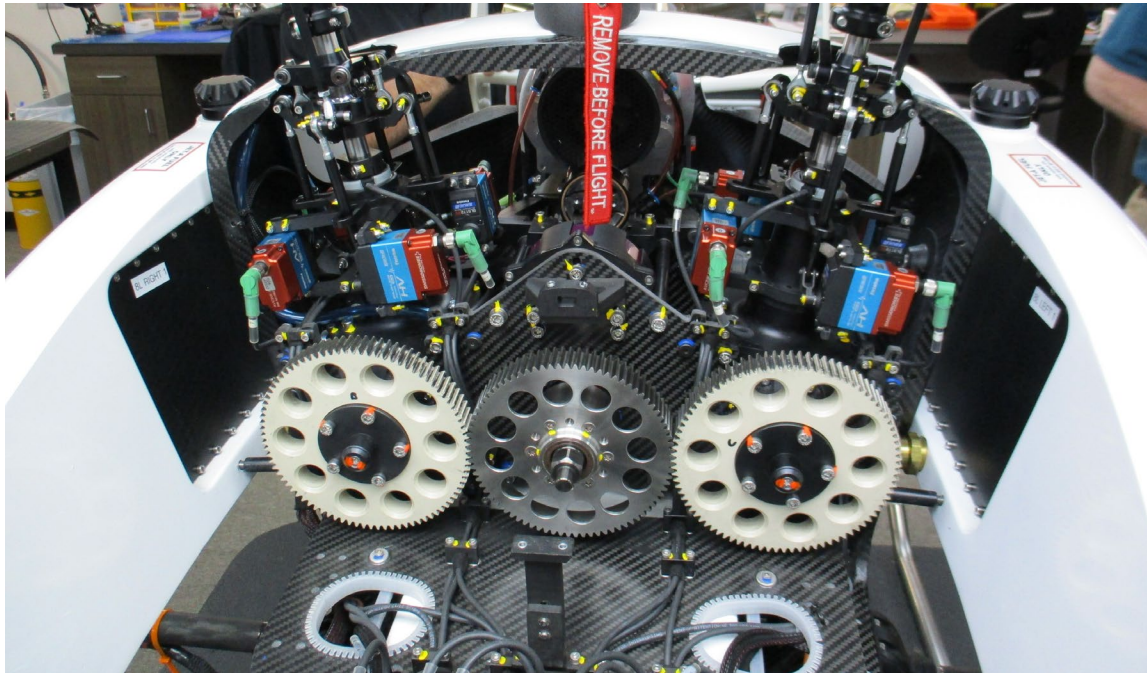
Photograph 6: Vertical Stabilizer Damage (Source: FAA)



Photograph 7: Engine Installation (Source: FAA)



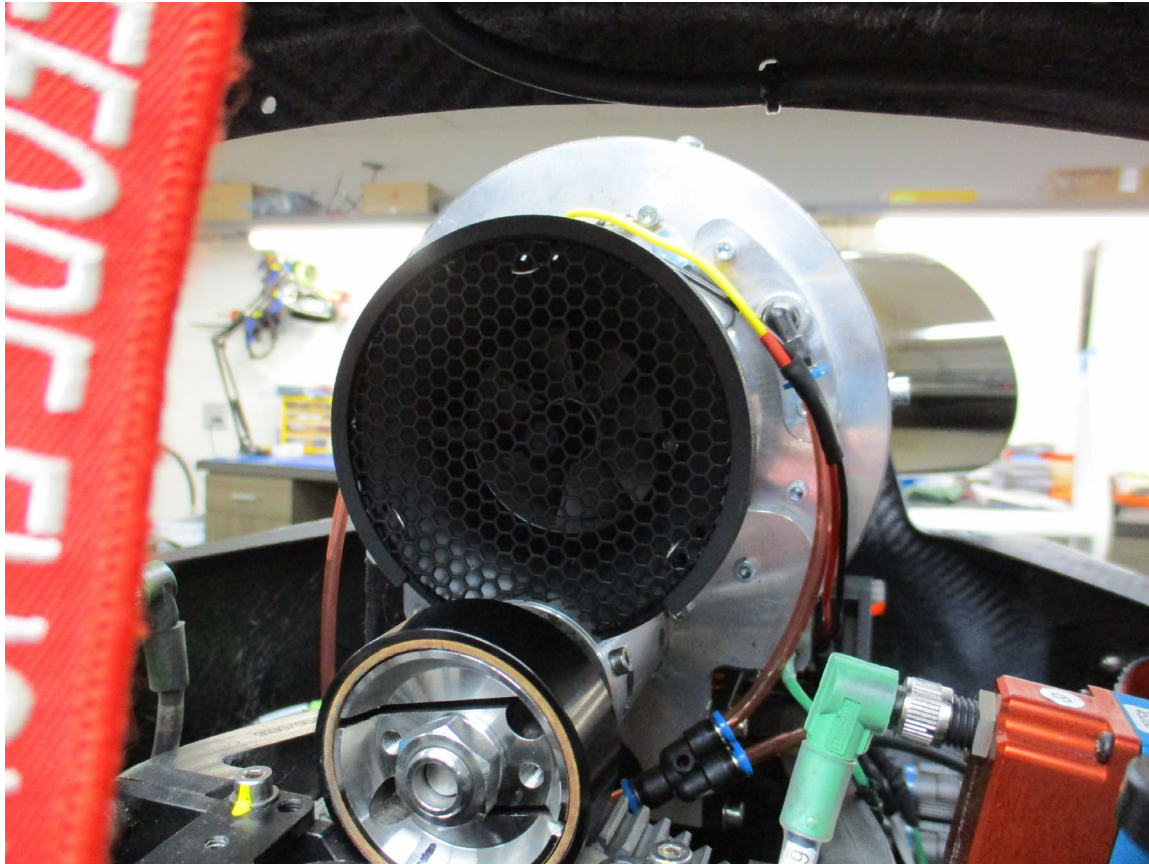
Photograph 8: UAS Avionics and wiring (Source: FAA)



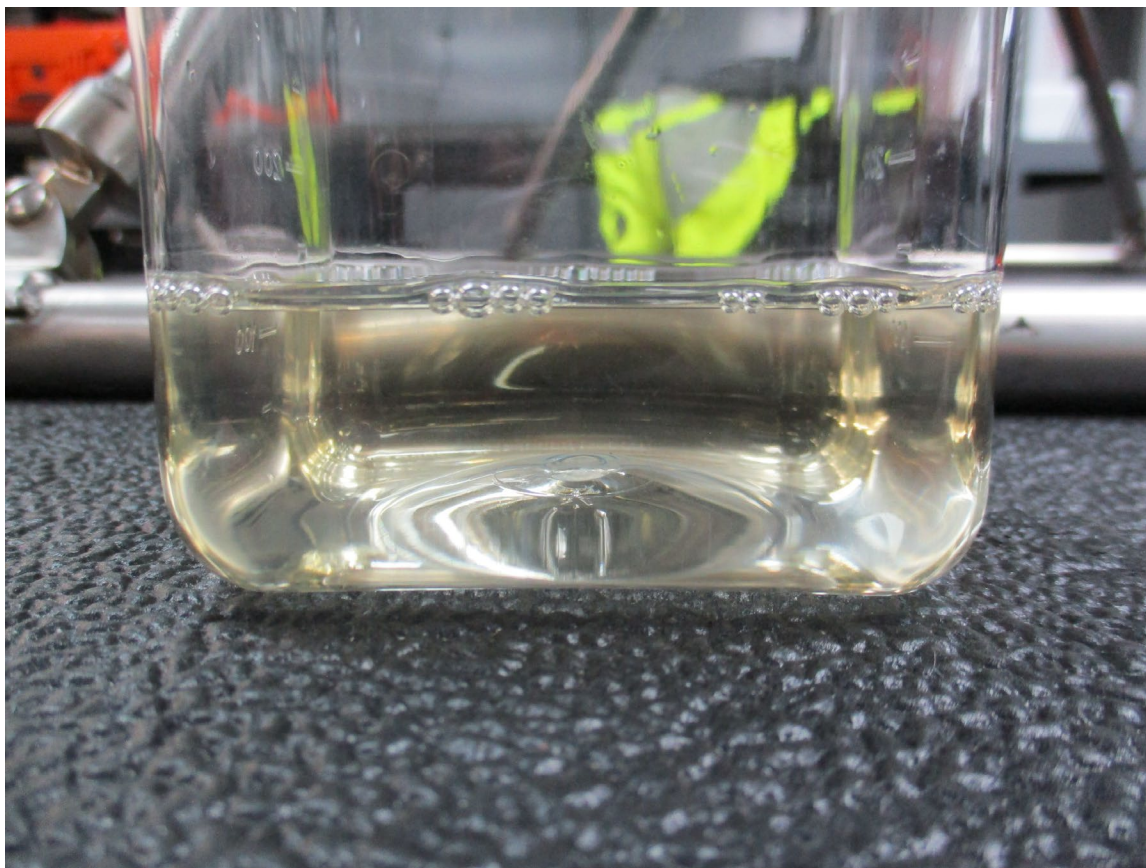
Photograph 9: UAS Rotor System and Drive Gears (Source: FAA)



Photograph 10: Magnetometer and GPS Antenna (Source: FAA)



Photograph 11: Engine overview (Source: FAA)



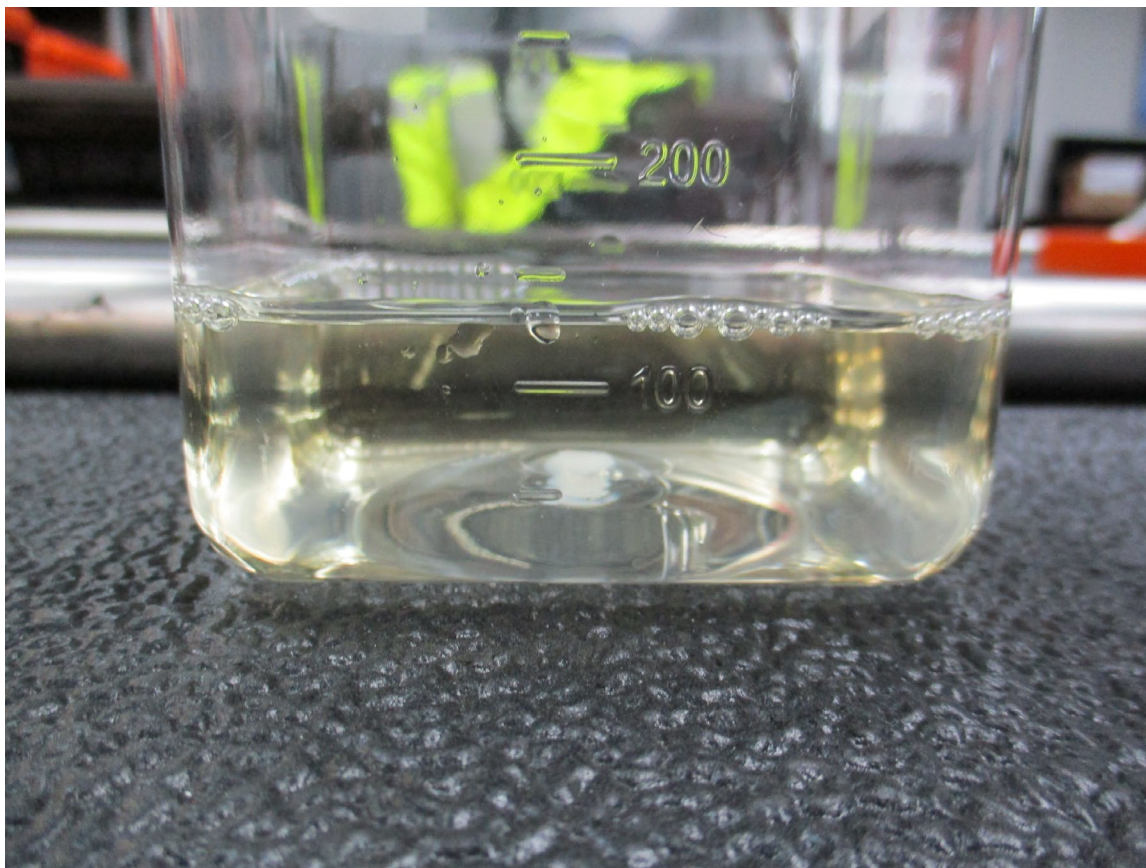
Photograph 12: Fuel sample (Source: FAA)



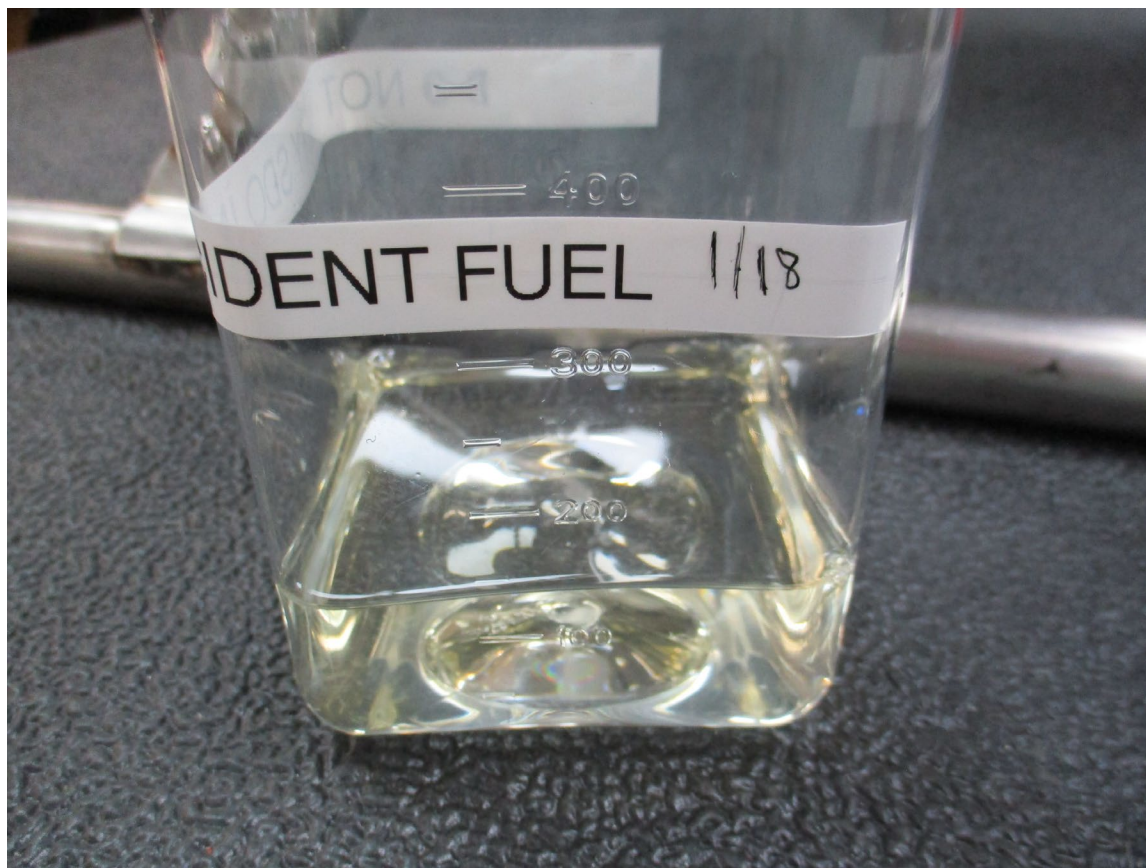
Photograph 13: Fuel sample (Source: FAA)



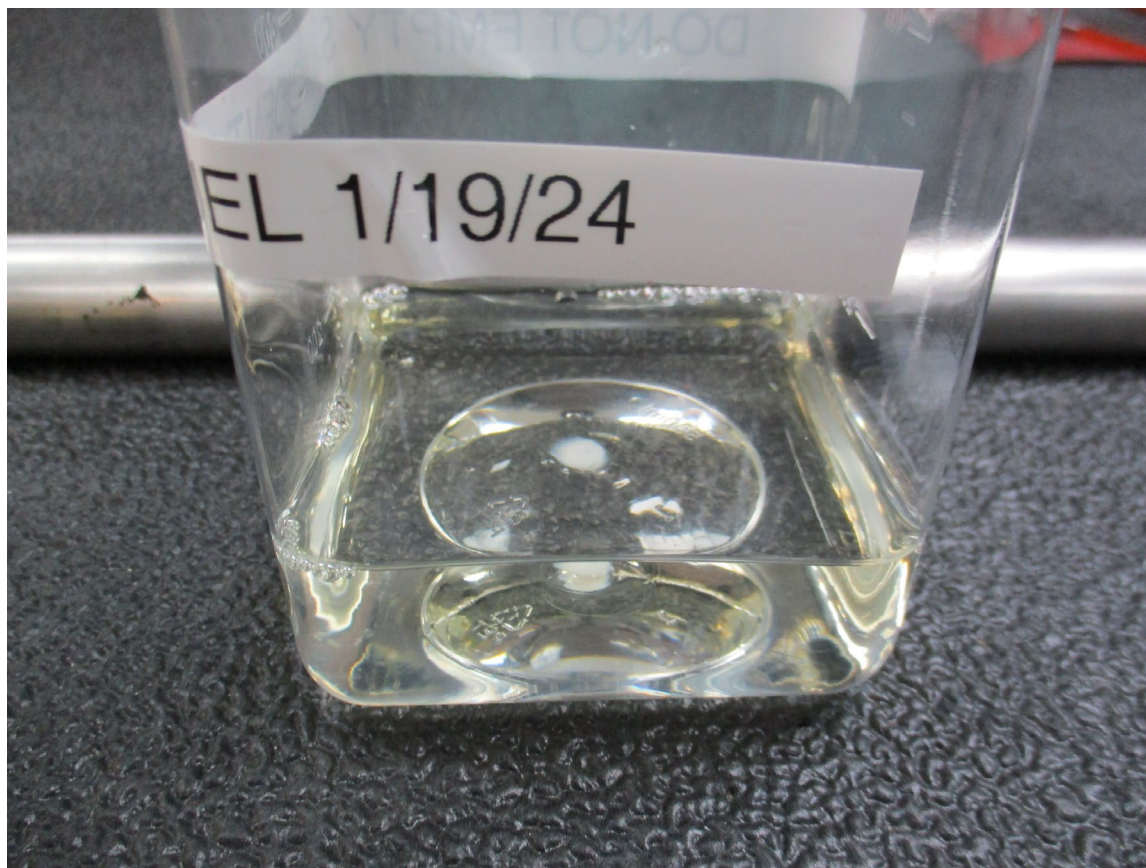
Photograph 14: Fuel sample (Source: FAA)



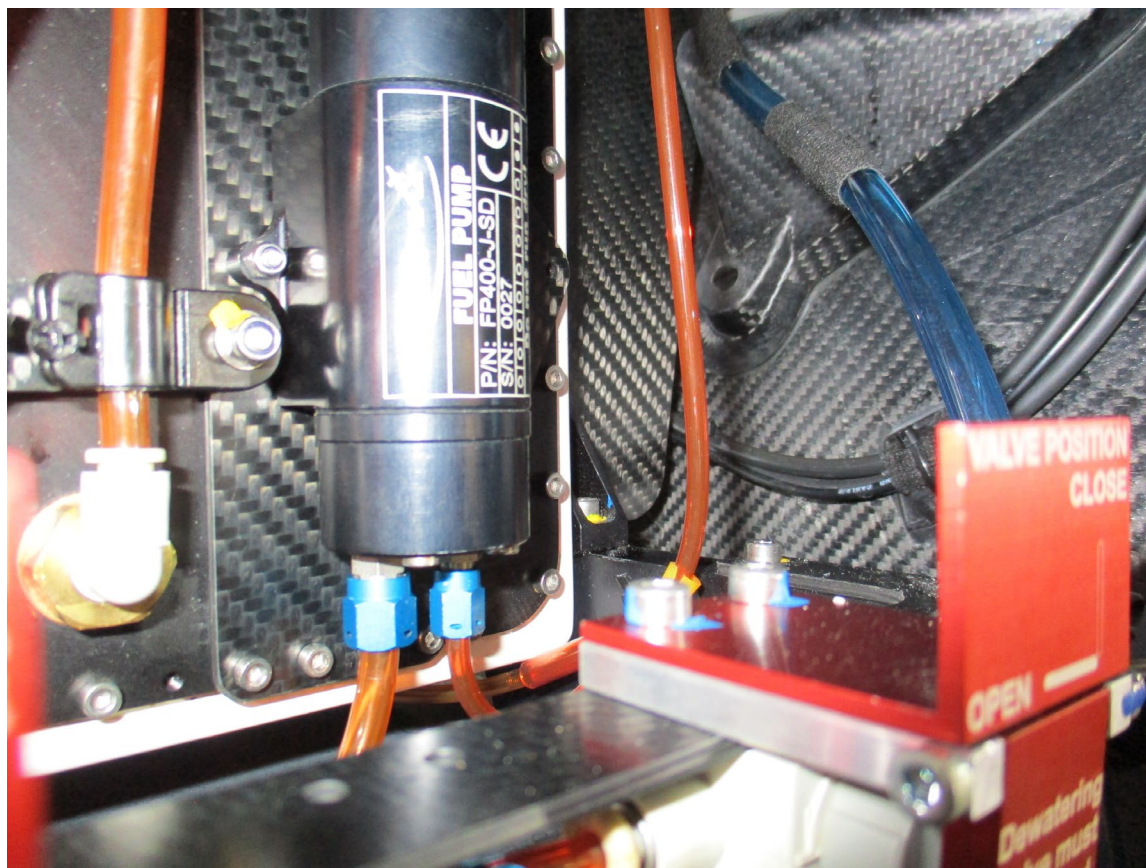
Photograph 15: Fuel sample (Source: FAA)



Photograph 16: Fuel sample (Source: FAA)



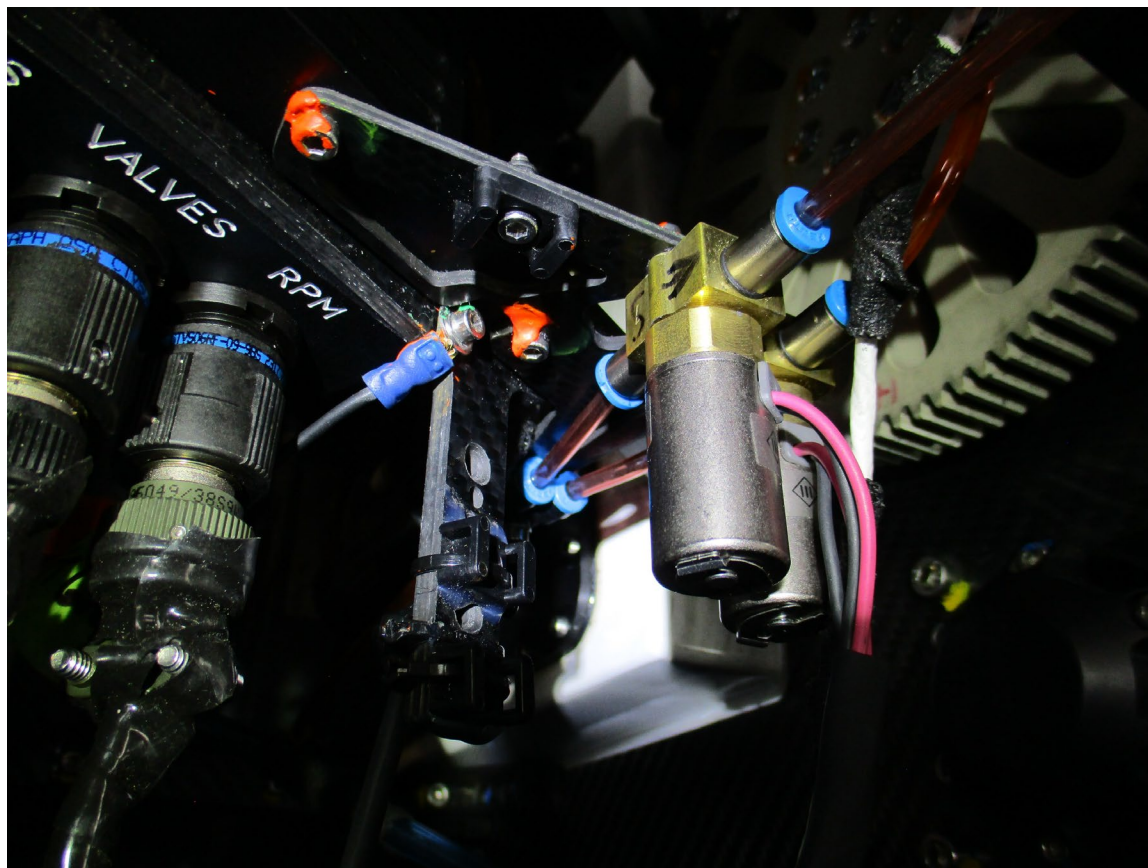
Photograph 17: Fuel sample (Source: FAA)



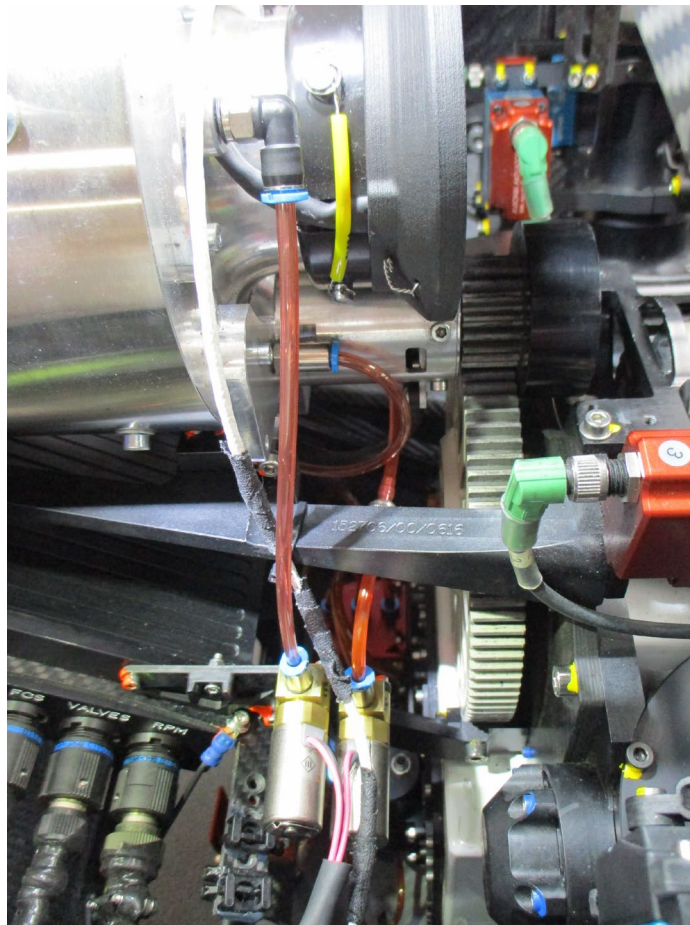
Photograph 18: Fuel pump (Source: FAA)



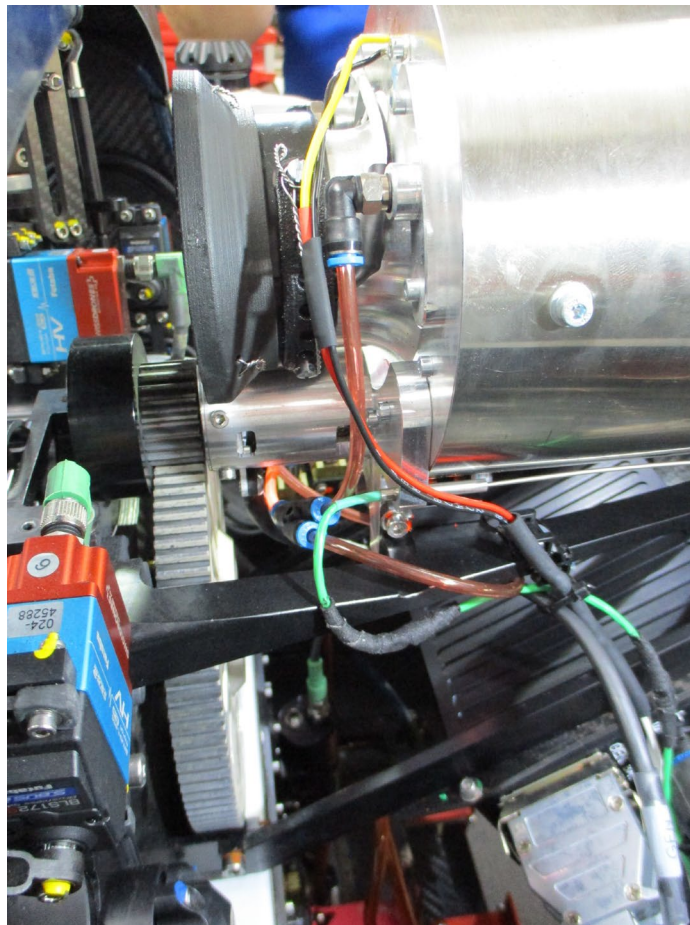
Photograph 19: Fuel hopper and screen (Source: FAA)



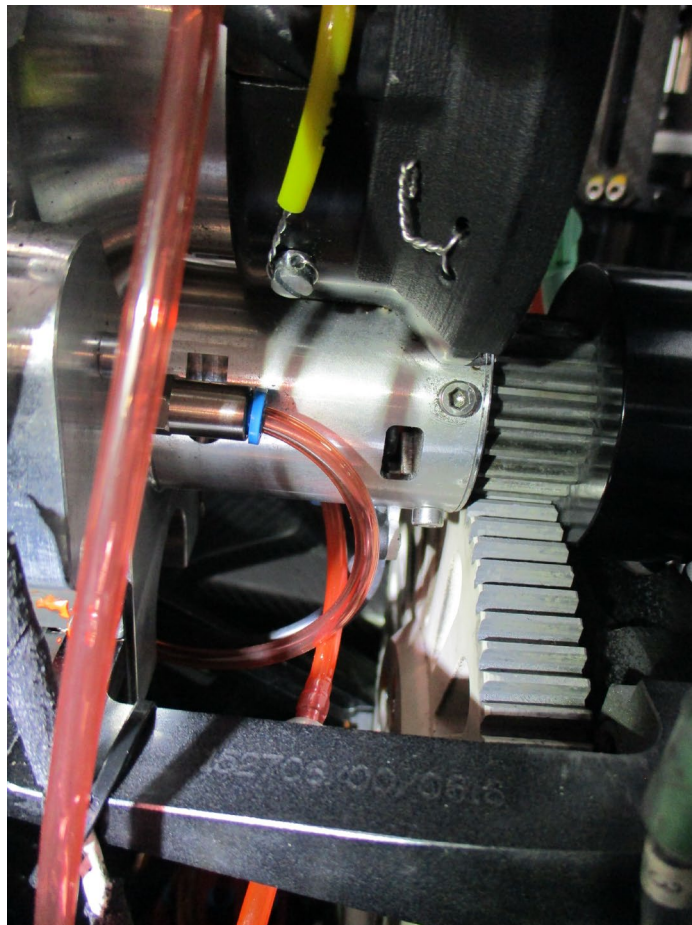
Photograph 20: Fuel solenoids (Source: FAA)



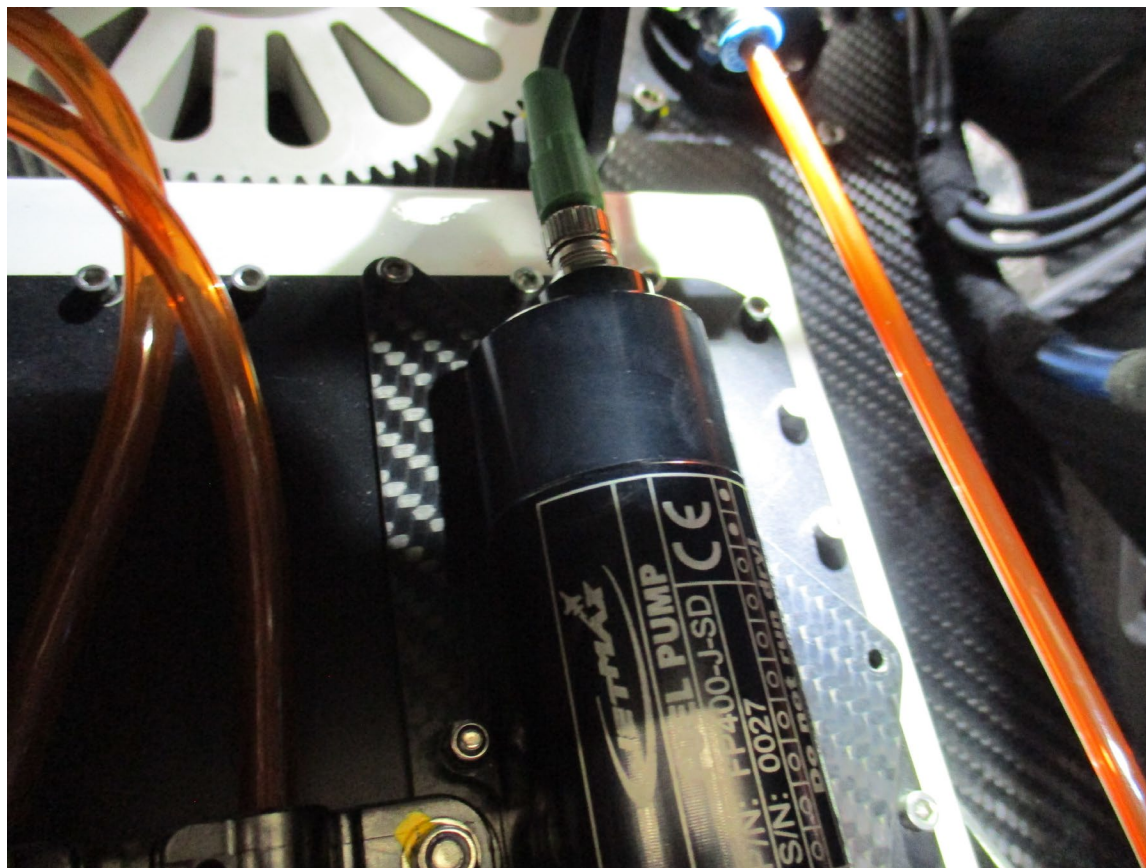
Photograph 21: Fuel solenoids and fuel lines (Source: FAA)



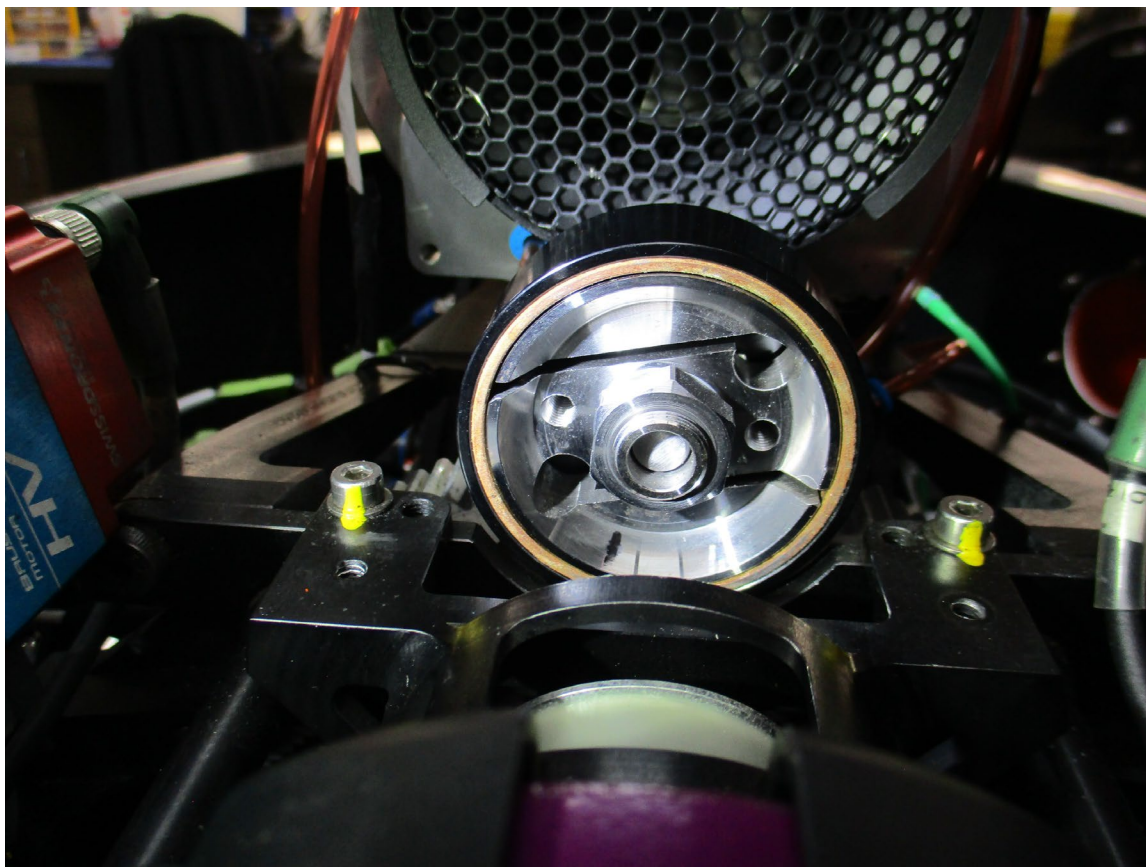
Photograph 22: Engine fuel lines (Source: FAA)



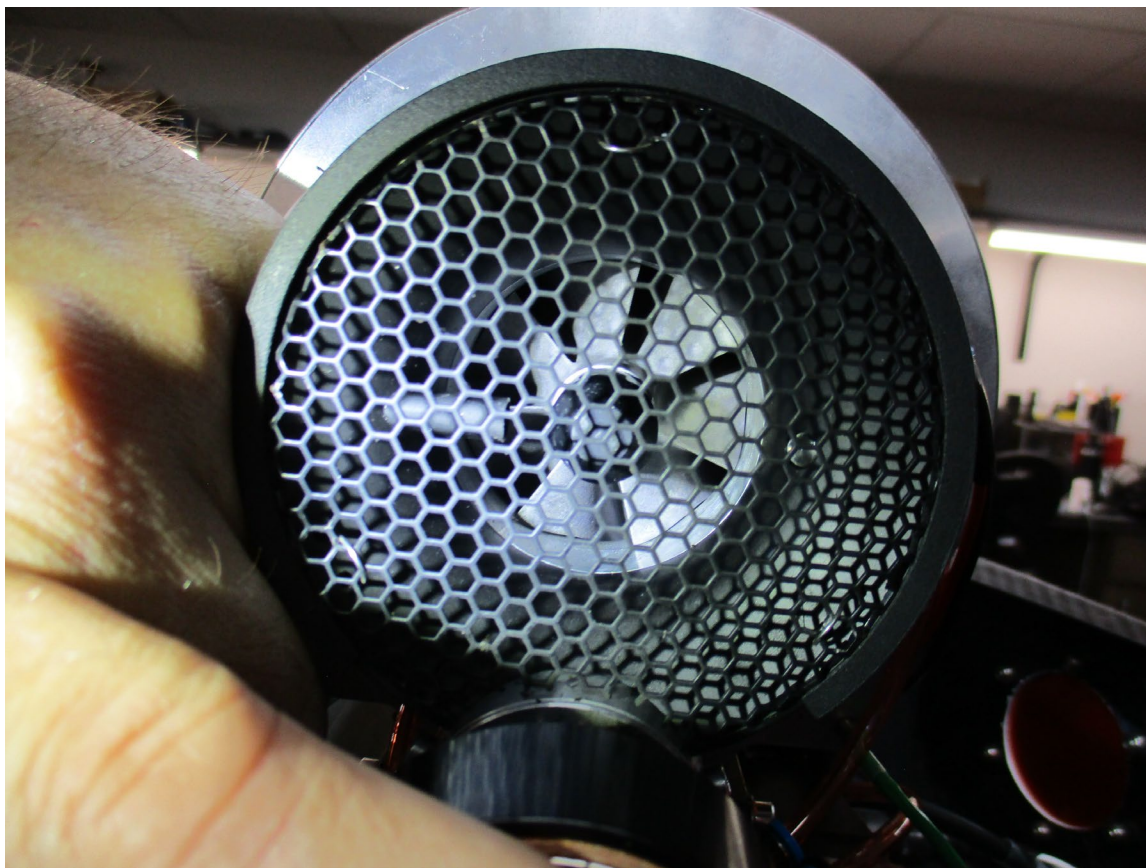
Photograph 23: Engine fuel lines (Source: FAA)



Photograph 24: Fuel pump (Source: FAA)



Photograph 25: Clutch (Source: FAA)



Photograph 26: Turboshaft compressor and screen (Source: FAA)



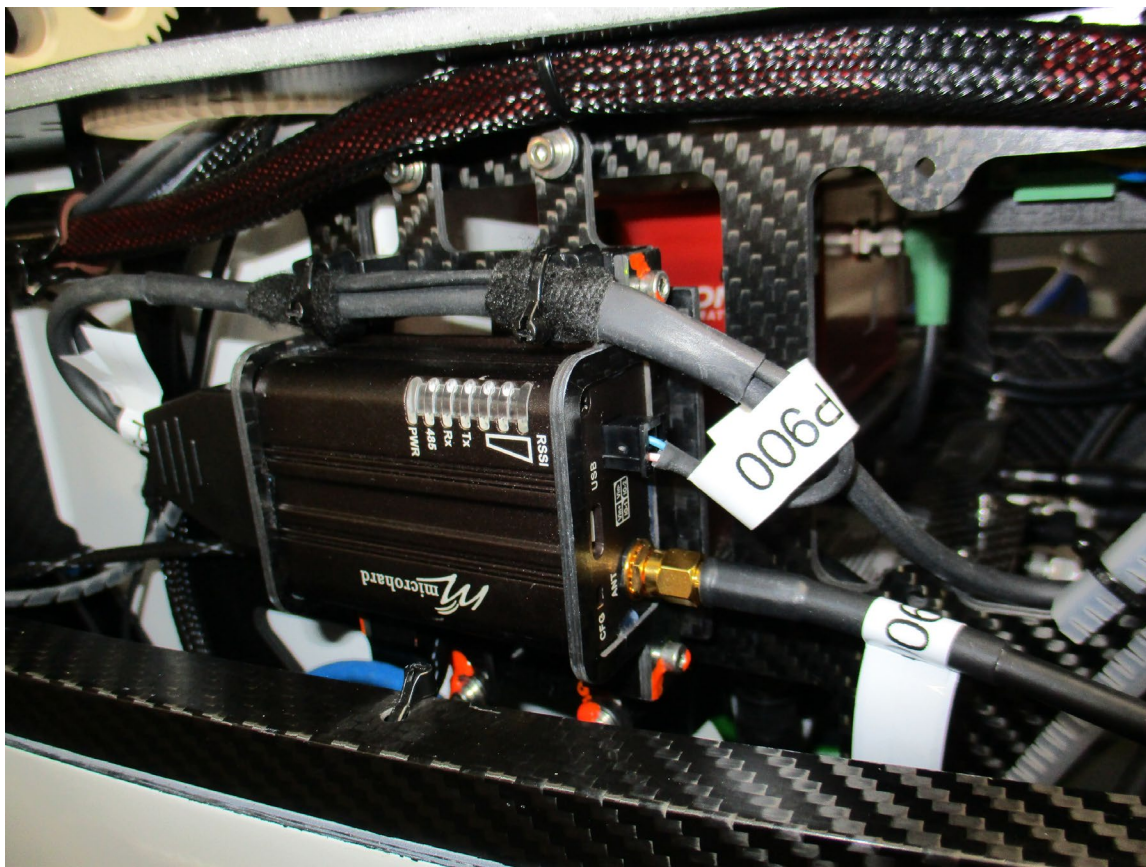
Photograph 27: Turboshaft turbine and EGT probe (Source: FAA)



Photograph 28: Engine Control Unit (ECU) (Source: FAA)



Photograph 29: Engine Control Unit (ECU) (Source: FAA)



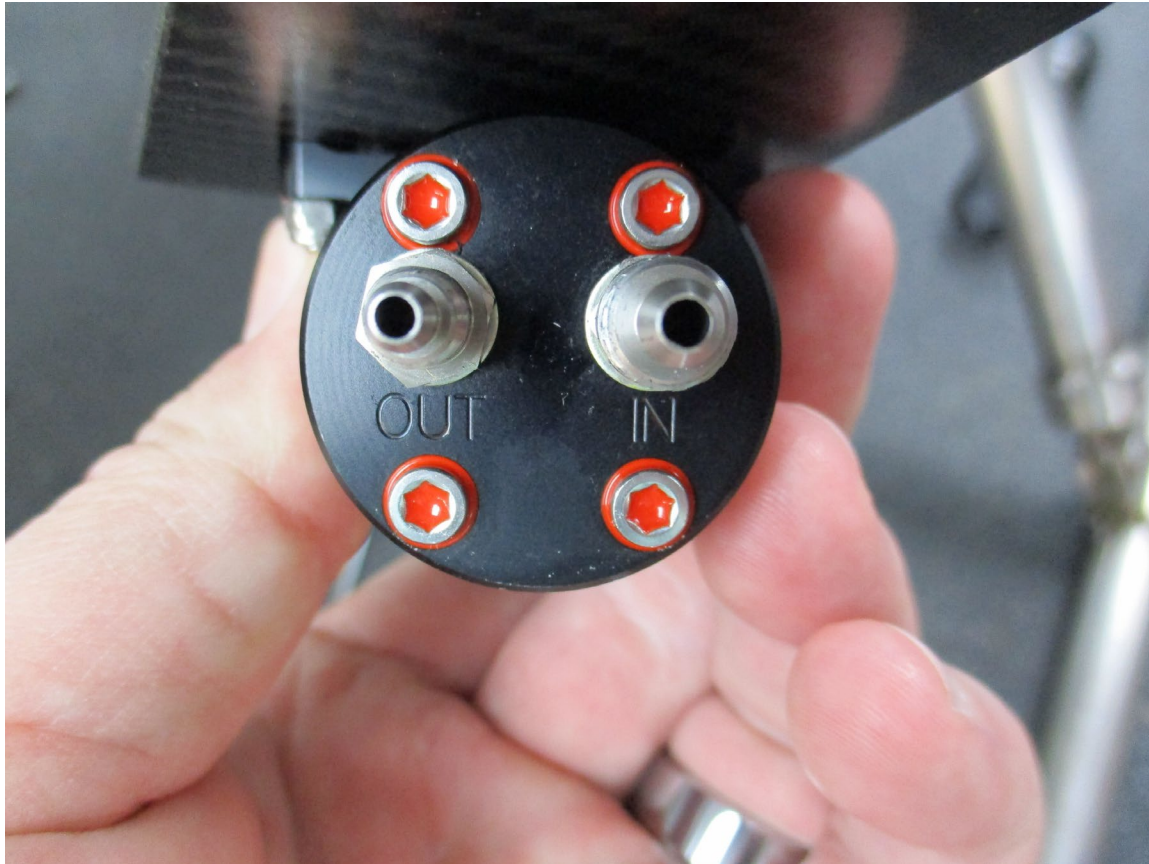
Photograph 30: Wireless Modem (Source: FAA)



Photograph 31: Fuel pump (Source: FAA)



Photograph 32: Fuel pump (Source: FAA)



Photograph 33: Fuel pump (Source: FAA)



Photograph 34: Engine after removal from UAS (Source: FAA)



Photograph 35: ECU after removal from UAS (Source: FAA)



Photograph 36: ECU after removal from UAS (Source: FAA)



Photograph 37: Rotor blade with scuffing (Source: FAA)



Photograph 38: Rotor blade with scuffing (Source: FAA)