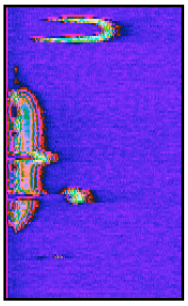
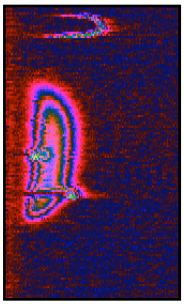
Multispectral Imaging

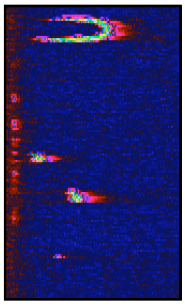
DARTFire: PMMA; 50% O_2; 10 cm/sec opposed flow



Fuel vapor: 3.4

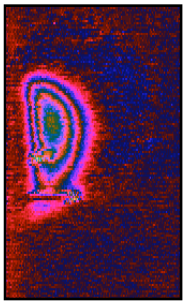


CO: 4.8μ

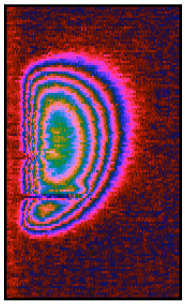


Soot: 3.8

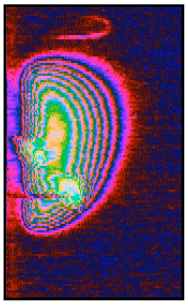
Filtered IR (Pt Si)



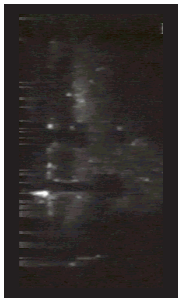
CO_2: 2.7



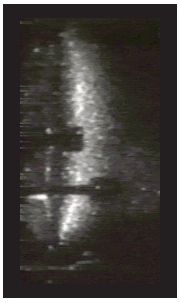
CO_2: 4.3



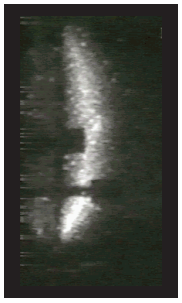
H_2O: 1.8



Red

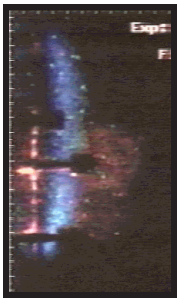


Green

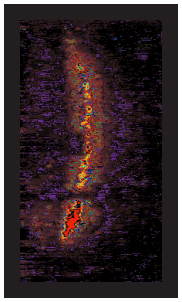


Blue

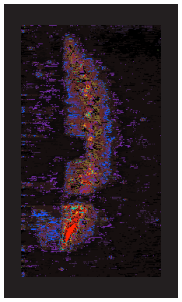
UV/Visible (Intensified)



RGB Composite



CH: 430 nm



OH: 310 nm

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09-03-98