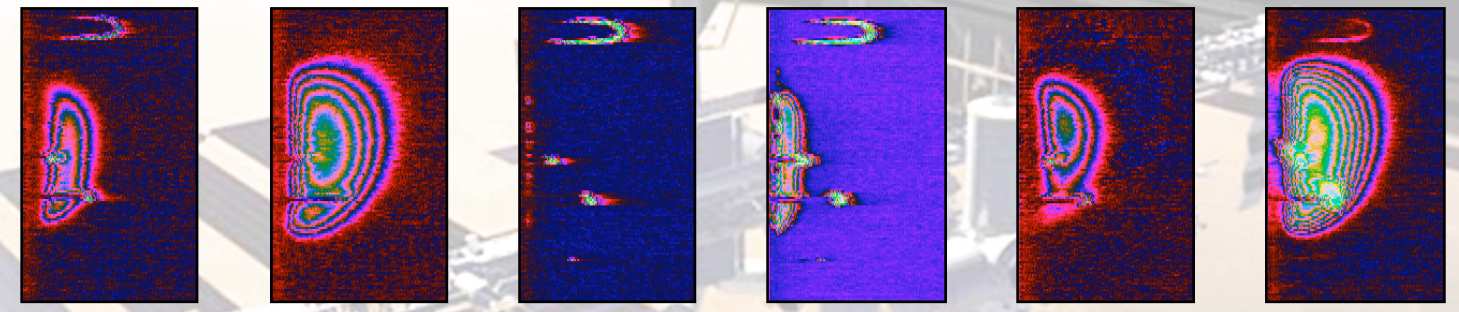
Glenn Research Center

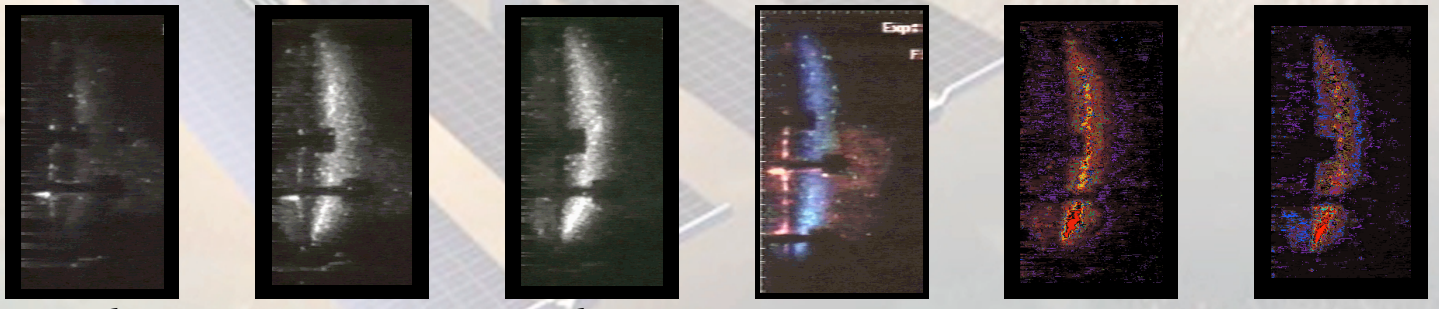
Flow Visualization: Multispectral Imaging

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



CO: 4.8μ | CO_2: 4.3 | Soot: 3.8 | Fuel vapor: 3.4 | CO_2: 2.7 | H_2O: 1.8

Filtered IR (Pt Si)



Red | Green | Blue | RGB Composite | CH: 430 nm | OH: 310 nm

UV/Visible (Intensified)