

## Appendix L

# Selected Color Schlieren Images <sup>1</sup>

Color schlieren images were taken for a number of the hot surface ignition experiments. These images were obtained simultaneously with the high-speed gray-scale movies. Simultaneous capturing was achieved by splitting the beam using a 5 mm cubic beam splitter about 2.5 cm before the focal point. The color images were captured using a Nikon D200 camera.

---

<sup>1</sup>All images were taken in the Explosion Dynamics Laboratory with the help of Kliulai Chow-Yee and Brian Ventura.

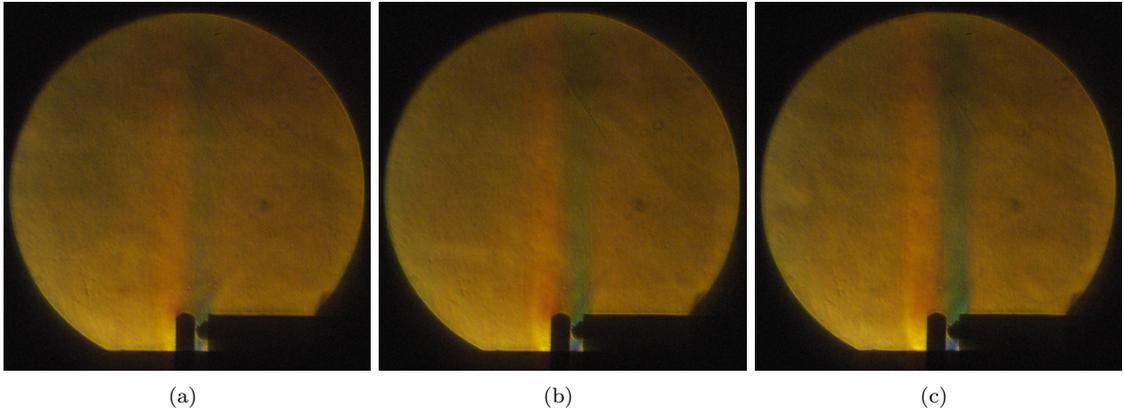


Figure L.1: Color schlieren images of the thermal plume only from shot 28

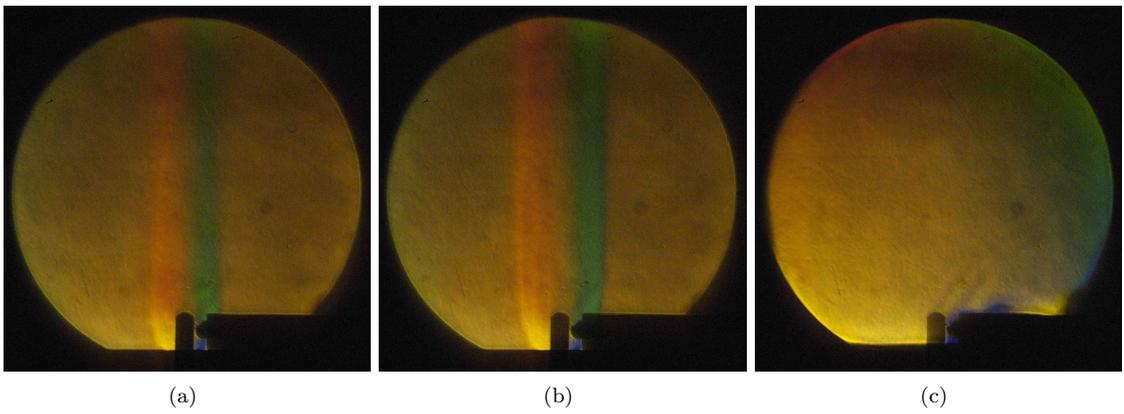


Figure L.2: Color schlieren images from shot 30

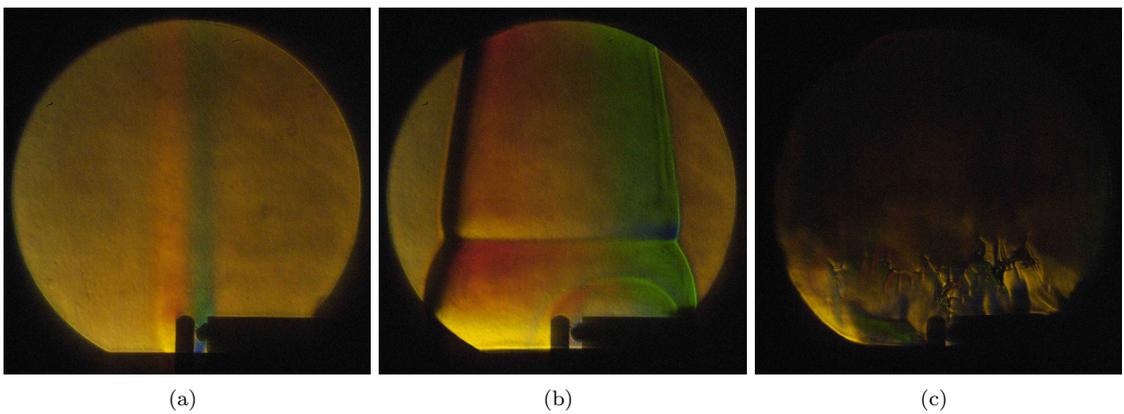


Figure L.3: Color schlieren images from shot 33

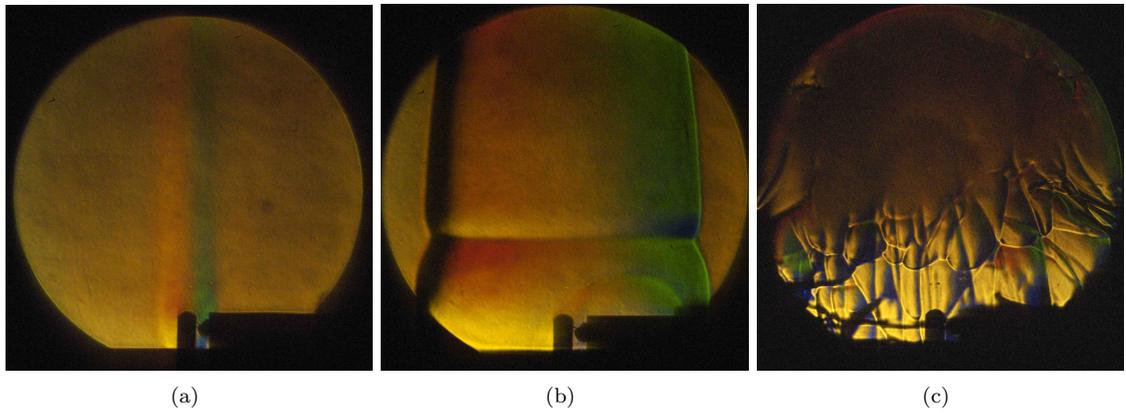


Figure L.4: Color schlieren images from shot 34

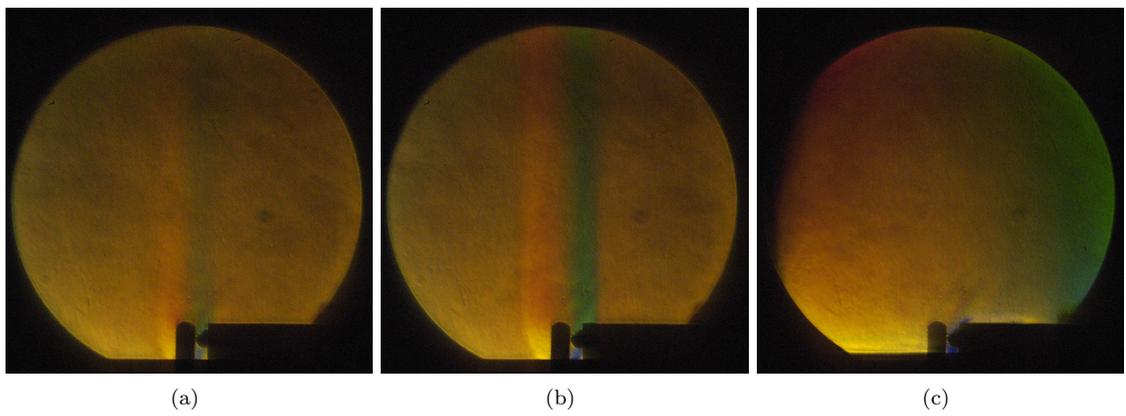


Figure L.5: Color schlieren images from shot 36

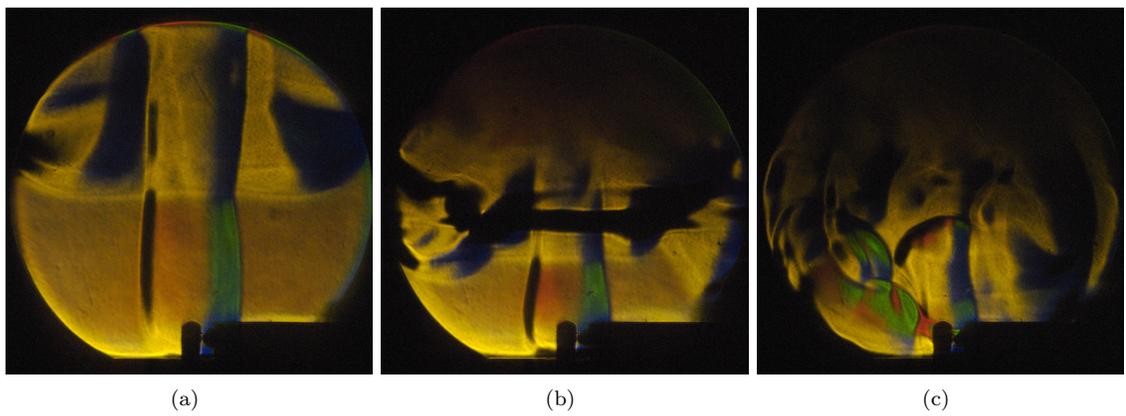


Figure L.6: Color schlieren images from shot 41

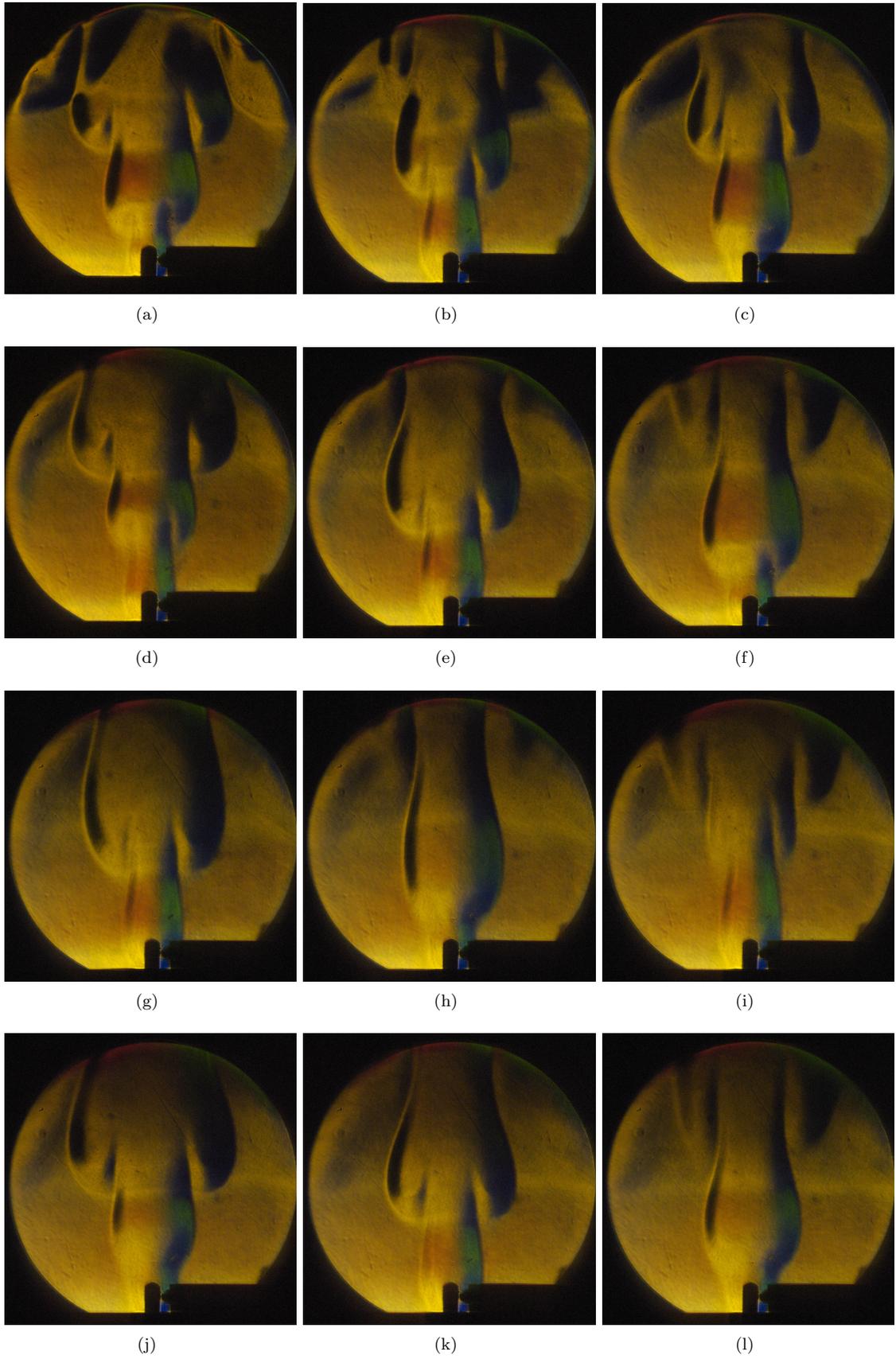


Figure L.7: Color schlieren images from shot 42

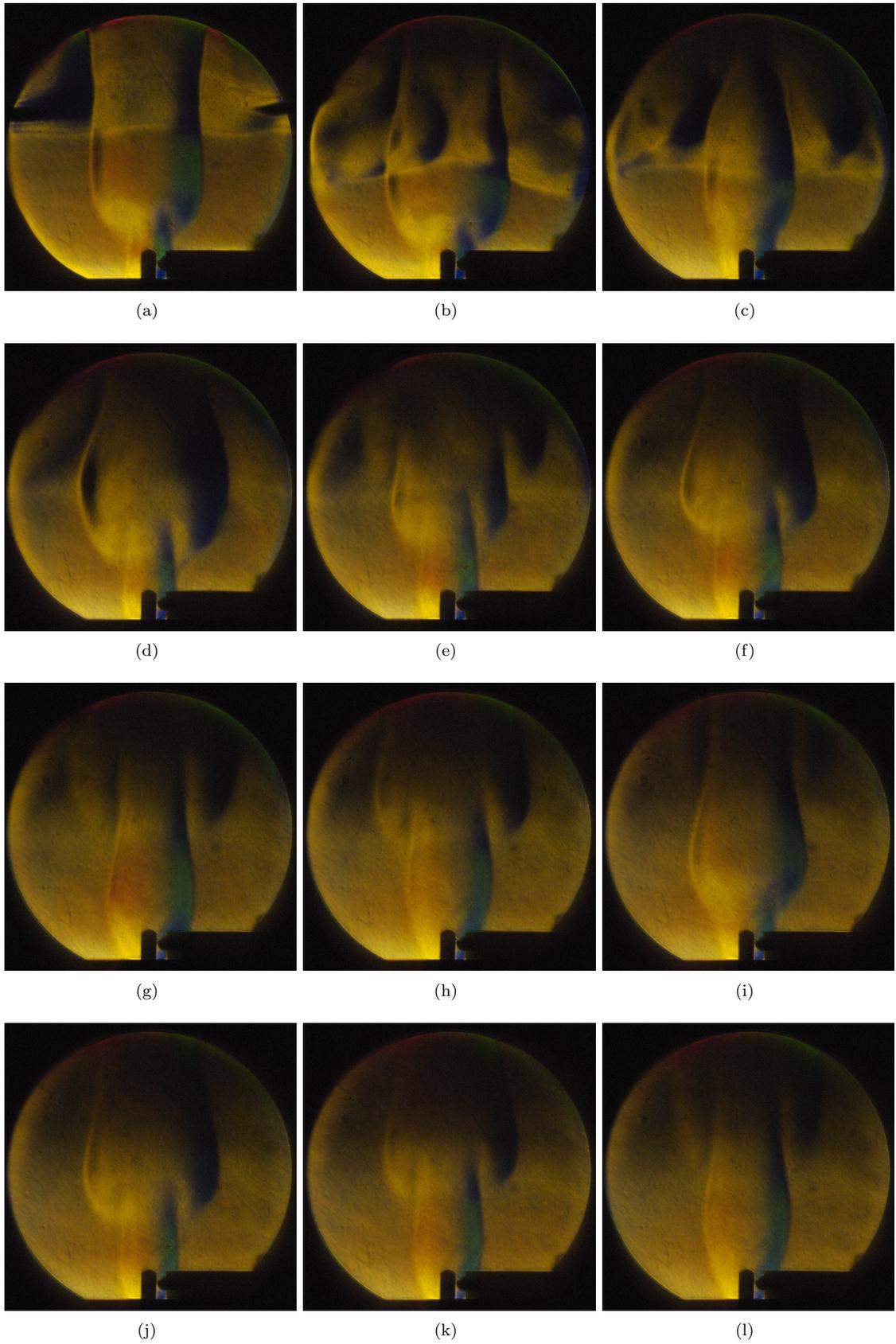


Figure L.8: Color schlieren images from shot 45

This page intentionally left blank.