

## About the Cover:

The cover photograph shows the Kowaluk camera, which is used to acquire images of imploding OMEGA targets. The instrument was named for Eugene Kowaluk, staff photographer, who lobbied for its installation on the target chamber. The photograph was taken by a camera mounted on the wall of the target chamber and shows Mr. Kowaluk adjusting the instrument. Framed by the H12 hexagonal port, the modified 35-mm camera appears red under the working lights. The article "Time-Integrated Light Images of OMEGA Implosions" describes how this camera has evolved into a valuable scientific instrument.



The Kowaluk camera is built around a commercially available 35-mm camera and lenses. A rigid mounting system was designed to allow accurate imaging of the 1-mm-diam target from outside the chamber wall. During the shot the illumination is provided by the 60 OMEGA 351-nm laser beams.

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