

## **IRREGULAR MACH REFLECTIONS EXPERIMENTS WITH THREE DIMENSIONAL FLOWS, PART II**

WISOTSKI,J.

Correlations were made between 1) Denver Research Institute (DRI) high-speed (HS) photographic shockwave data from irregular Mach reflection experiments obtained with pulsed-ruby laser light from two separate 1000-pound Pentolite detonations in the MIGHTY MACH-79 (MM-79) Series, 2) Ballistics Research Laboratory (BRL) piezoelectric gage data from the same events, and 3) University of Toronto Institute for Aerospace Studies (UTIAS) oblique shockwave reflection data derived from shock tube experiments using diatomic gases.