

## SECTION I — Discussion: Applications-Ballistics

*Note: A participant's full name and address are given with his first contribution to the Discussion. Authors' full names and addresses are given with the title of each paper. For subsequent entries the addresses are omitted.*

*Paper I-2: New Techniques for Measurement of Velocity of High-Speed Objects, Donald A. Hall and W. W. Atkins, U.S. Naval Research Laboratory, Washington, D.C.*

*David A. Cahlander (Lincoln Laboratory, Massachusetts Institute of Technology, Cambridge, Massachusetts):* Do your measurements

suffer from film bounce due to film moving up and down and leaving the sprocket wheel of your Fastax camera?

*D. A. Hall:* There has been no obvious defocusing of the images as a result of this, so apparently there has been no trouble.

*D. A. Cahlander:* What is the spacing of the timing marks?

*D. A. Hall:* 100- $\mu$ sec markers appear at about 7.5-mm intervals at linear film speeds of 250 ft/sec.