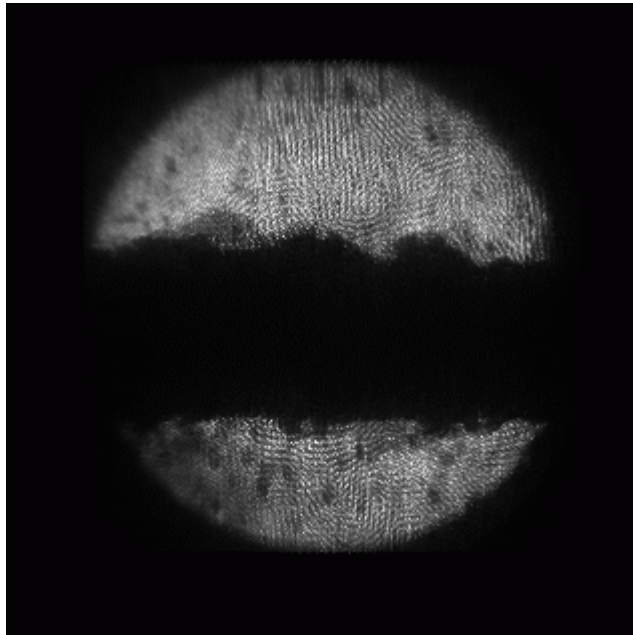
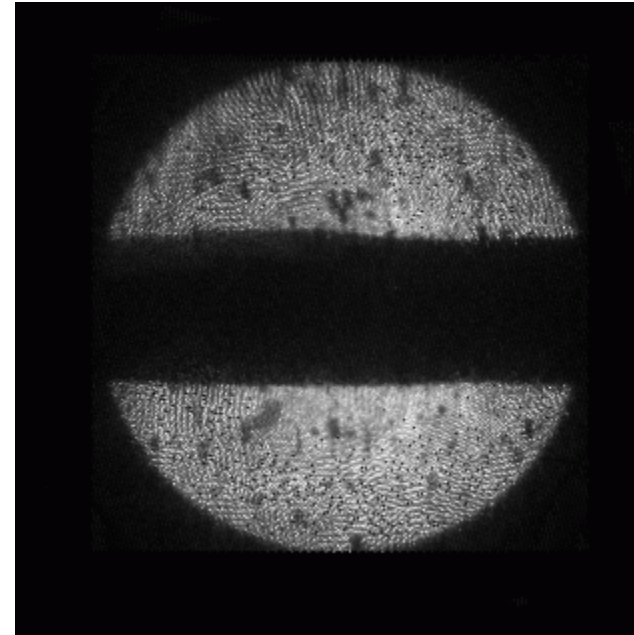


1st Hg jet run
Feb 14, 2007 @ ORNL



Hg core diameter ~17-23 mm
Jet velocity 22 m/s
FOV 5.5 cm @ center
Camera SMD 50 μ s/frame
Viewport #2
Hg_20ms.gif

1st Hg jet run with pulsed solenoid
March 3, 2007 @ MIT

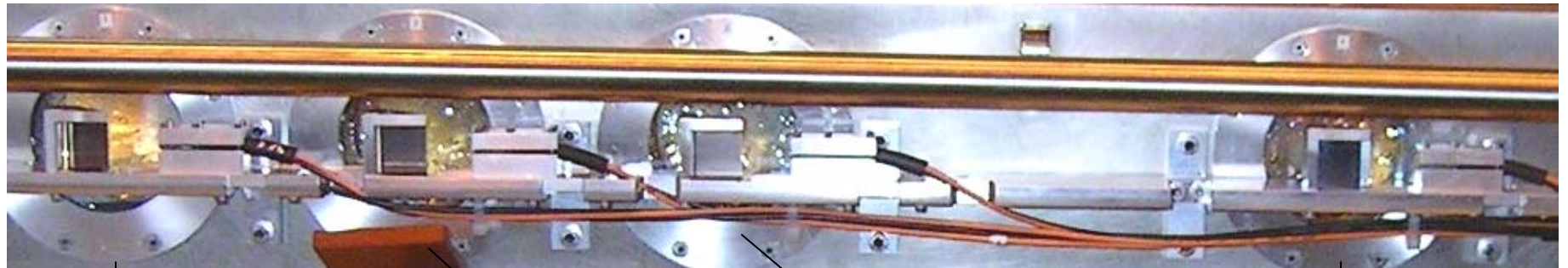


Hg core diameter ~14-16 mm
Jet velocity ~19.4 m/s
Magnetic field 10 Tesla
FOV 5.5 cm @ center
Camera SMD 100 μ s/frame

Viewport #2 SMD camera, images rotated and horizontally flipped

T. Tsang, BNL (Mar 7, 2007)

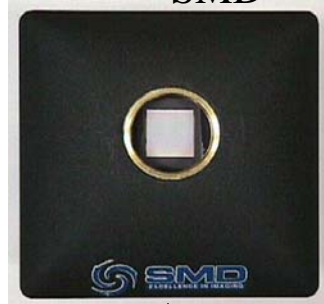
1st Hg jet runs with 15T magnet on March 3, 2007 @ MIT



FastVision 1



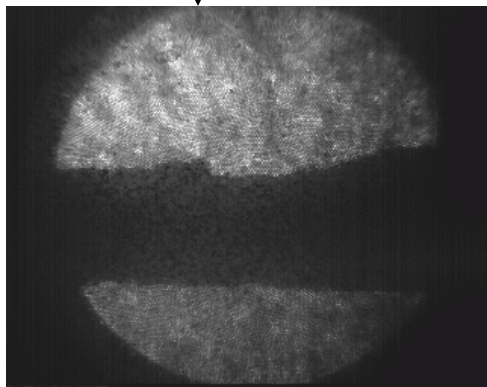
SMD



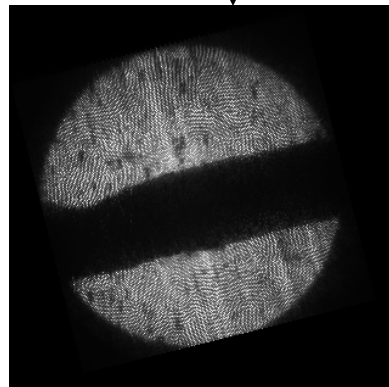
FastVision 2



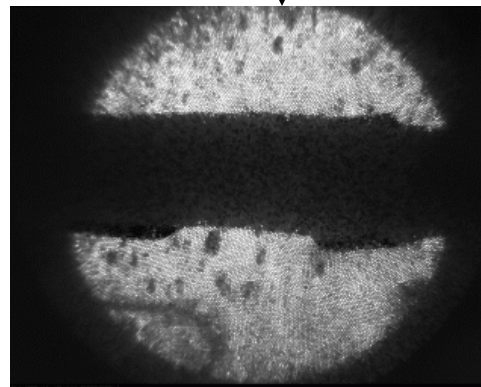
video camera



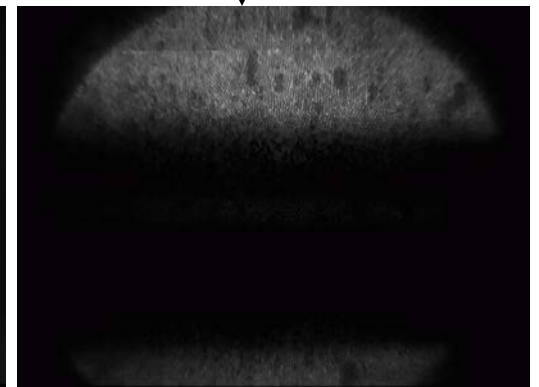
2 ms/frame



0.1 ms/frame



2 ms/frame



30 frames/s

20 m/s Hg jet, 7 Tesla magnetic field

all images have a horizontal flip