

AD-A177 838

VORTEX LOOP DYNAMICS: A PHENOMENOLOGICAL MODEL FOR
TURBULENT BOUNDARY LAY (U) NOTRE DAME UNIV IN DEPT OF
AEROSPACE AND MECHANICAL ENGINEER

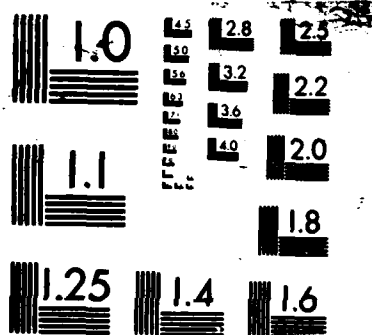
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

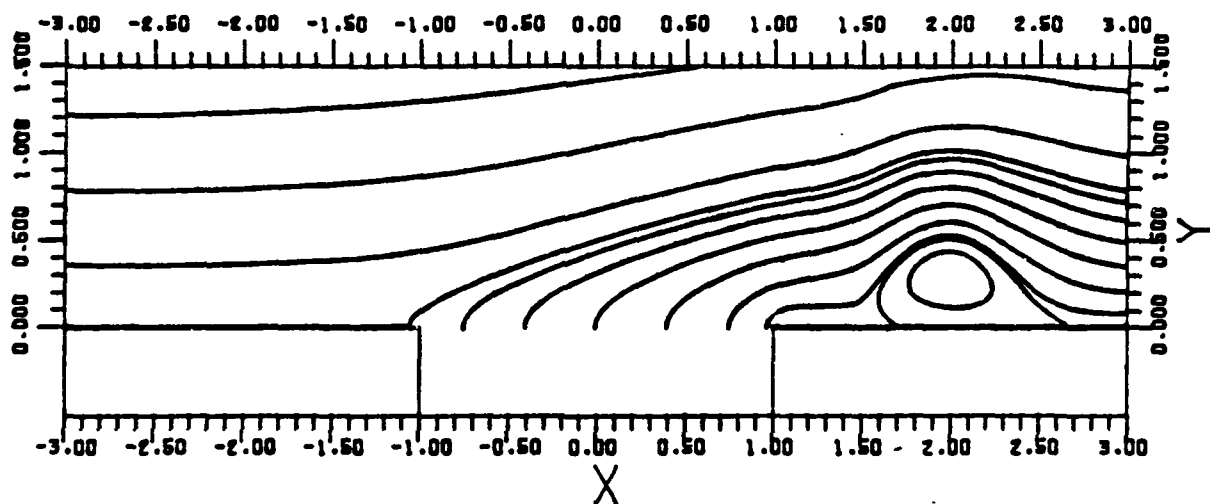


Figure 30. Navier-Stokes streamlines in physical plane for $\beta = 0.25$, $t = 11.9$

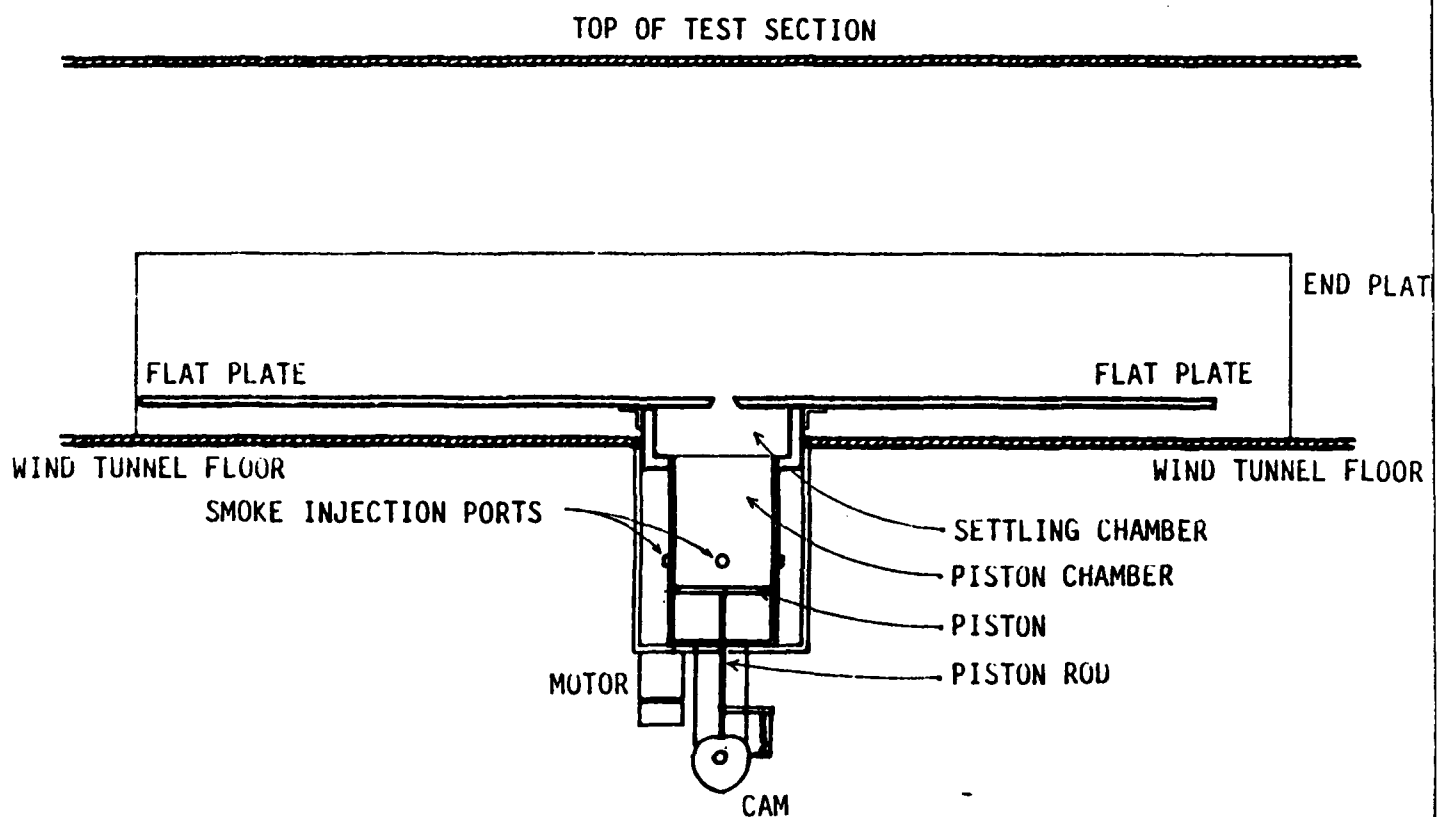


Figure 32 Cross-sectional view of jet producing mechanism.

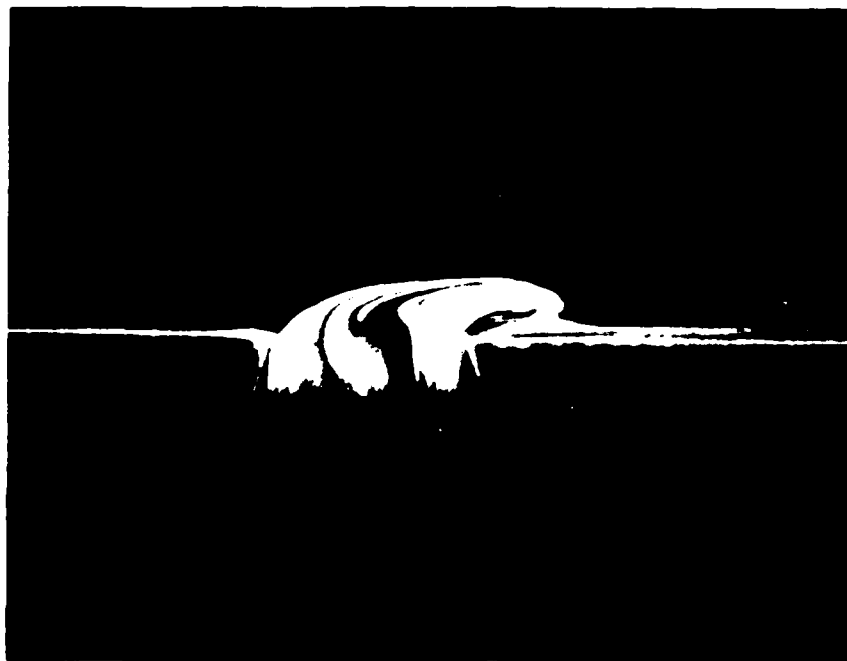


Figure 33 (a). Experimental development of jet-in-crossflow for $B = 0.25$ at $t = 0$.

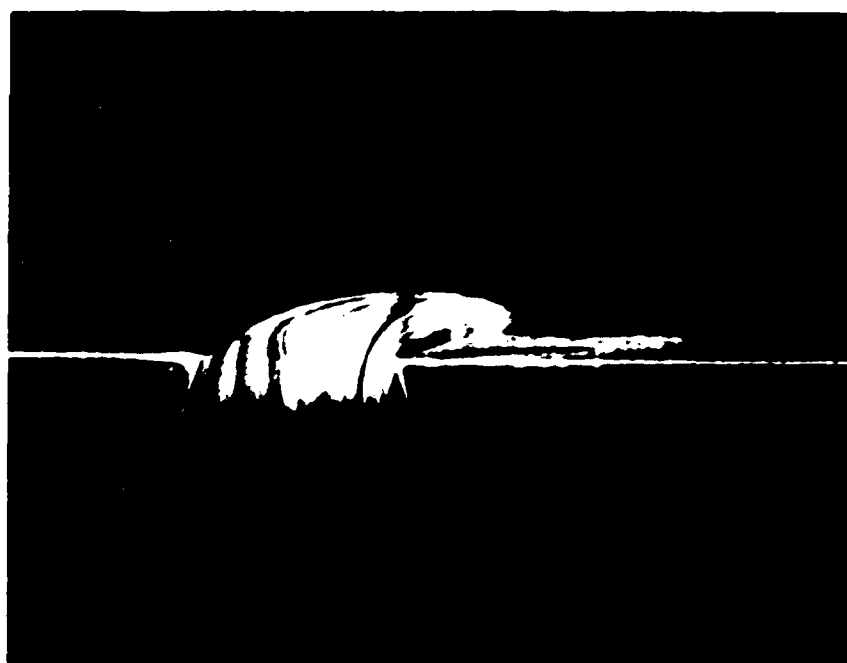


Figure 33 (b). Experimental development of jet-in-crossflow for $B = 0.25$ at $t = 0$.

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