NOLTR 63-134

NOMENCLATURE (Continued)

V_1		•			volume of compression chamber, in ³
Λ ⁵		•	•	•	volume of fluid at atmospheric pressure that would create pressure P_g if compressed to volume V_1 , in ³
v	•	•	•	÷	velocity vector representing velocity of fluid within bore of pressure pot, in/sec
F,	, F	2 1	F3		radial, circumferential, and longitudinal body forces per unit mass, respectively, acting on fluid in bore of pressure pot, lb/slug
5	•	•	ě	•	vorticity vector representing vorticity of fluid within bore of pressure pot, sec-1
91		• •		•	time constant of pressure-time history observed inside compression chamber, msec
88		•	•	•	time constant of voltage-time history observed at terminals of oscilloscope, msec
μο)		•	•	coefficient of viscostiy of fluid under atmospheric pressure, lb-sec/in2
y.	•	•	•	•	coefficient of viscosity of fluid under pressure P, lb-sec/in2
v					coefficient of kinematic viscosity of fluid, in2/sec