Conservation of mass  $SS = \frac{\partial}{\partial t} = 0$ jum, ressible flow pount. 37 [cv (dV+ ]cs PV dx=0 Momentum Equation F=Fs+B== = = LV POLY+ SUVPVEN Bernoulli P+ V+92=Gust Cartivity Guetism | slig = 32.2 lsm 1 = 1 /5 = 1 /5 = 9= P.81 1/32 = 32. 2 + 1/32 9= P.SI Hay= 32.2 13+6/ng 1 Slug = 32.2 L/m D. 10+ 3t = 0 0 F- gC X1-8+35 Acceleration: of = of +4ps. by o K= ,C+5 13 12 16-6-462 1 psi- lotina CN - 2t - 1 32 + 5t 31 + 55 + 35 + 35 Centipolie | < p= (3) Paile 1 (20 + 1, 20 P(3v+ 1/3v+ 20 )+ Pgy = 3+4(3v + 2v + 2v) | ft = v 348 m ( ( 3m + 1 3m + 1 3m + 1 3m + 1 3m + 2 ) = ( 3 - 36 + 1 ( 3m + 3m + 3m + 3m )