V; = Omph Vs = 60 mph 26.82 m/s t=2.28 m=4900 lbs 2222.6 Kg EFy= FN- mg=0 4 Q= 11.76m/s= EFX=FEM-FI=ma yes, the power from Etx = Fen - Mmg/4=ma the power unit is every distributed + Mmg/4 = ma + FEM
mg/4 mg/4 to 9 tires which loners the sum of forces in the M= 4ma+FEM J mg brunish SF=4M3(2)-pa x direction. It is static (222).6) (11,76) + FEN friction because (2222.6)(9,8) (0m2s) the tire is not actively slipping. on the tarmac 26137.78 + FEM FEM +4,78 4 M = 4 a 0.25g 3. M=1.2 Ms= g = 11.76=1,2 they allow cars bank to drive at higher FLE speeds EK= F- FF= May = EFX = DENSIND + MENCOSO

