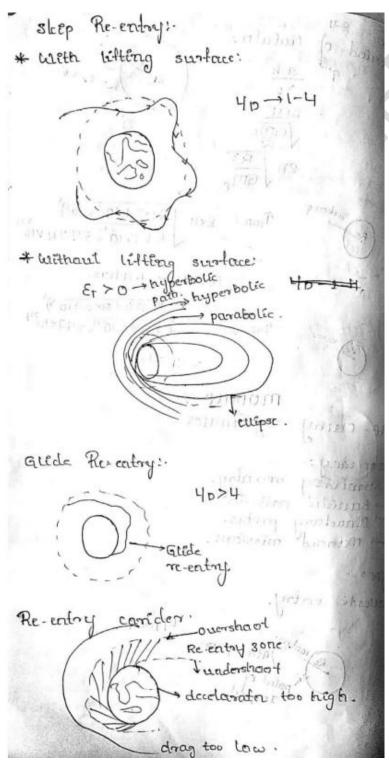
# ACS COLLEGE OF ENGINEERING MODULE 2

### **Atmospheric Reentry**:

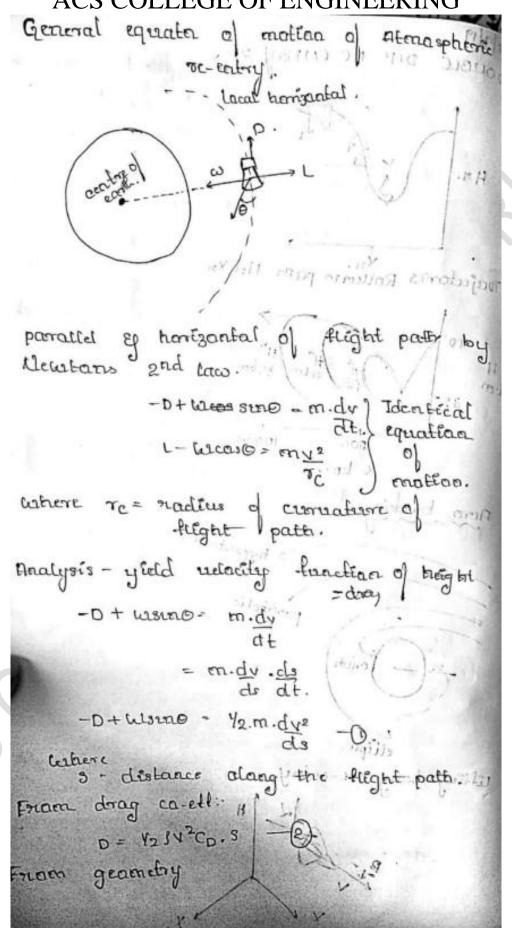
Introduction-Steep Ballistic Reentry, Ballistic Orbital Reentry, Skip Reentry, "Double-Dip" Reentry, Skip reentry, glide reentry, reentry corridor, reentry dynamics for ballistic reentry, reentry heating, Aero-braking, Lifting Body

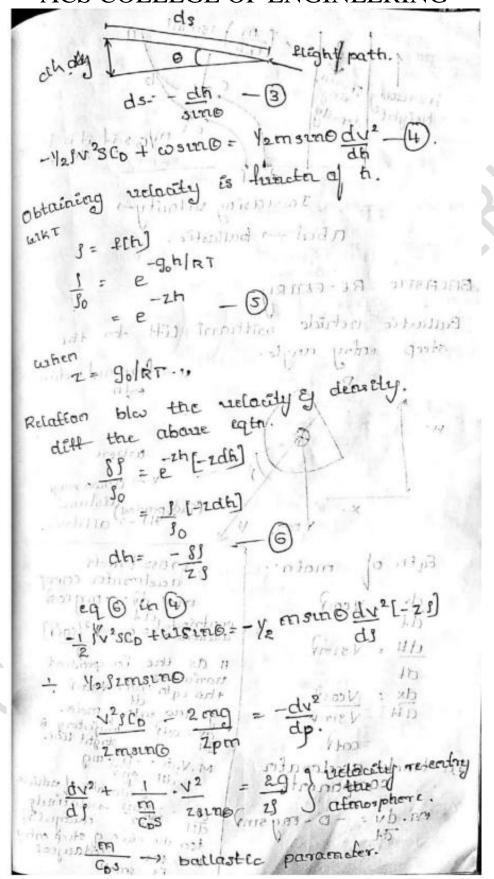
Reentry.

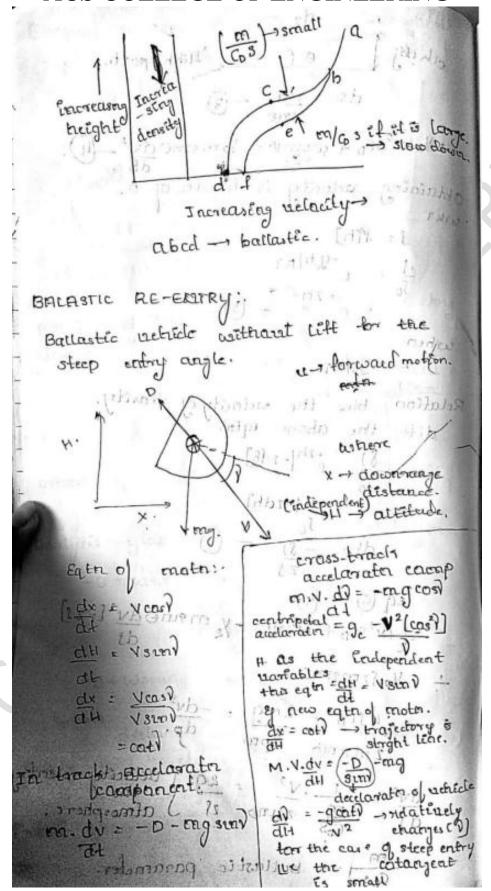


H71. Trajectories Rollaner path Hr. Xn km. ellipse.

DEPARTMENT OF AEROSPACE ENGINEERING





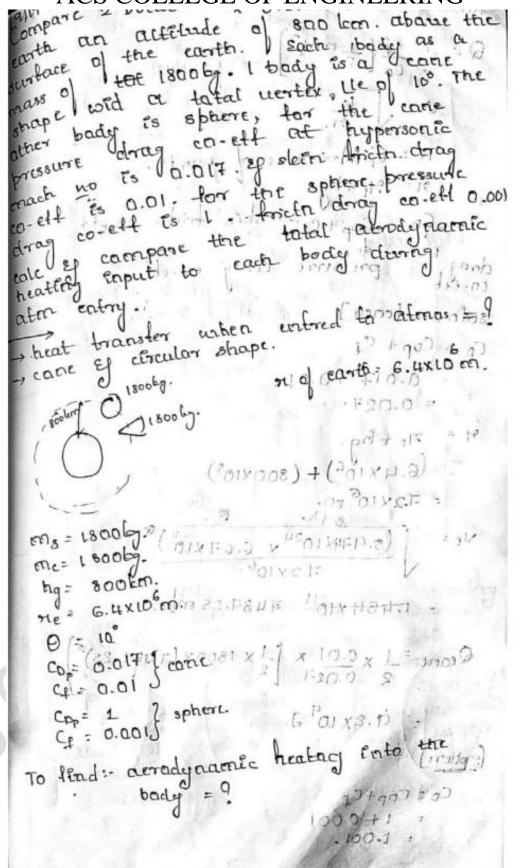


DEPARTMENT OF AEROSPACE ENGINEERING

earth atm at 13 ben sec. ULE of 15° below hangantal. sphere diamir for the sphere Es 1. The 6963 leg lm3. Calc \* attitude at with max decelarate max decelarato wich the sphere wand compact the earth surface. mach no> Ve= 13 leen sec > 130 an en 13. at sea level p= lm. sphere 9 = 6963 lend :. termula)

DEPARTMENT OF AEROSPACE ENGINEERING

Scanned with CamScanner



ACS COLLEGE OF ENGINEERING HE HERNID TO elle: #439.25mls 111/2:48 × 10 The flow where it wake regal attach greaches Es wale regn is weight]. - change the abrevalt movement marie dawnward directo movement terong. forward mortly # 97113 Canalder a with the VIgamma) =10°