-> Maximum wing Stom 48"

450 watt Powa limiter

-> Maximum of 4 calls

-> Gyroxete allowed

Short take oft

Max- Sheed

extormal payload corriage

internal payload cooringe

internal payload cooringe

gapid unloading of the Payloads.

(L-800) => 6 ourres = 0.375 lbs

2 soxes => 12 ourres = (0.75 lbs) > 340 gms

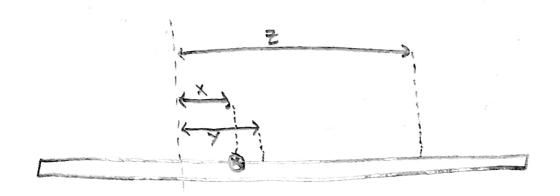
500 gms = 0.111 lbs

est. Poyload Hate = 500gm = [1.11 lbs

total phylored weight = 1.86 lbs (844 gres)

Profubsion system design

Weight Bolonce [28% to 35% Mean Aerodynamic chard



M = diginal mad

M = mass to be added or summed

X = Briginal C.G. distance from datum

Y = Final C.G. distance from the datum

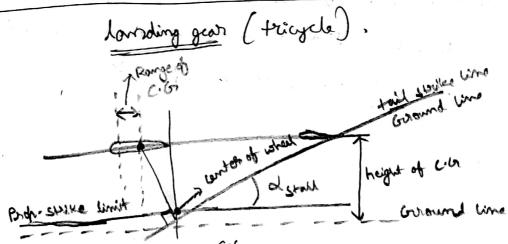
after adding a sumoving mass.

to be added or removed.

 $\pm m + \chi M = \chi(m+M)$; Etam grüben and ω

- Shear Flow and Bending moment along the Seni-Shan betalished see given soft for
- Acrodynamic center to be calculated [geometric affroach] roads at the brunds so reads but bring the sur should sit antor for our idealized shear liox.
- Designing the idealized steam too
- Shear center was intentionally designed to be the location where the resultant shear force acts at the aerodynamic center location that was found earlier.

(of to abid any tiret on the wing)



- -> know the grange of your C.G.
- -> Know the highest vortical city location at the aft CG limit.
- timit exacts fort at cuard
- entl bonung so the so enth wirth hist att course 4 with the stall angle of attack.
- at the order of growth and to the contex of growth and to the foil strike line.

- with his only barmon to notsestain and mary pretreats <
- > Now the intersection between vortical hime and troop starter .
- To position the note landing good you should know that the too much note size boad can make the oxylane hooder to trobbe for the left of
- Harwis with grincosts swam live boad rothfell out brook colored colored

So usually note landing good brould be thosed where it corner but than 20% of the absorpt weight when the cit is at the forward limit. And more than 10% of the absorpt weight on the CG is at the off limit.

