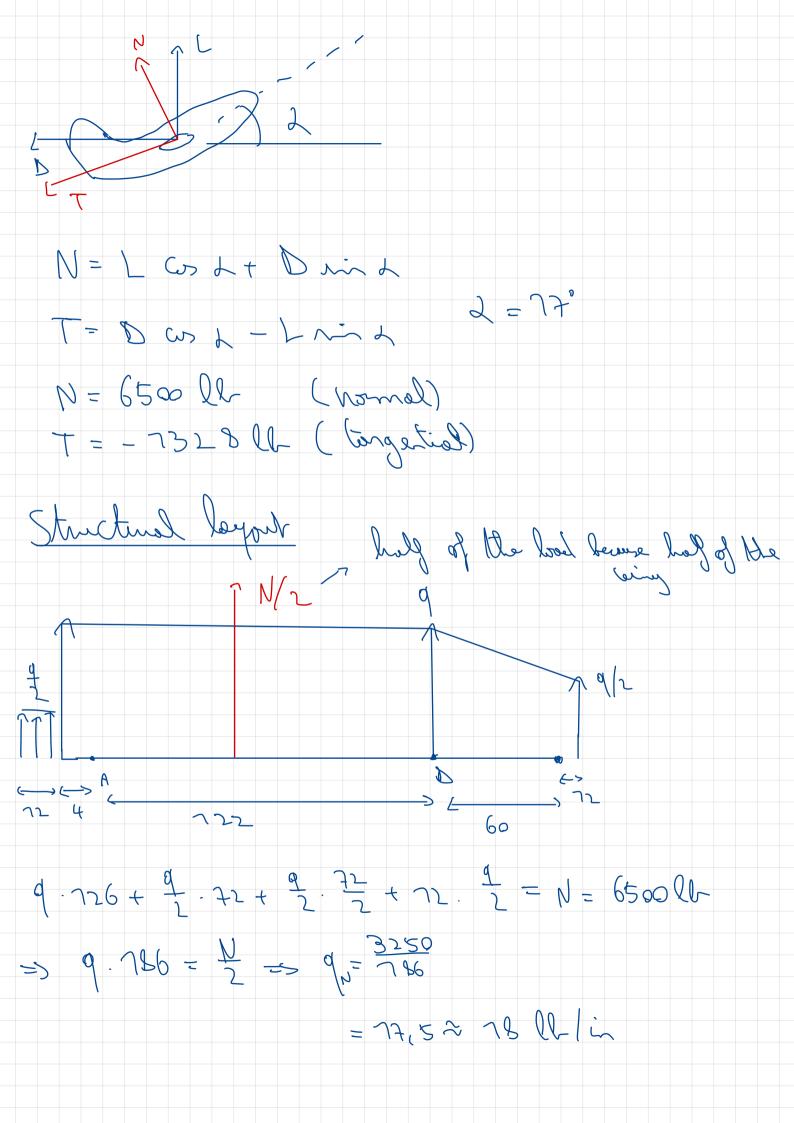


(itself boul xen) +, + = to N W= 1500 lb L = 35 //E N = = - 7 (76 (=4,4 × 0,4) c = 6 //c N = - 1 S = 73,5 m2 = 270 //2 JN = 45 mgh = 33 hads ~> monoeure year (=4212 m/s) UA = 35 mph = 85 hbs Uc = no mph = 36 hbs - criming repeal heaps juicido co del OST = av Cindelules et les ! 21 ser de = sen, s mse D (), i L = W D = T L= W+Fc= W+ mor n = W = n + Rg > 1 L. book faster W=L+FC L= W= m52 N=1-52

Stall L= W= ZeVserSCLine M & Vst. S. Cylmax = 7 & Vst. 2. S. Cylmax L = NW = 7 P V35,25. CL, mox N 581,7 = 581,2 ryiseb und 1 c > 88 -> V c = 35 is good choice (or 96) VD > 1,25 V = 1,25 x 95 = 17 3 1/5 77,50 Vc, min = 7,5 x 88 = 132 L/s Vsr = 2 M = 37,5 25 (opier Va = 39 hts >37,5 V) Gust envelope 66 fr 12 (rough qust) (they goods) all cot 25 ft (beak gut) gut reed 100

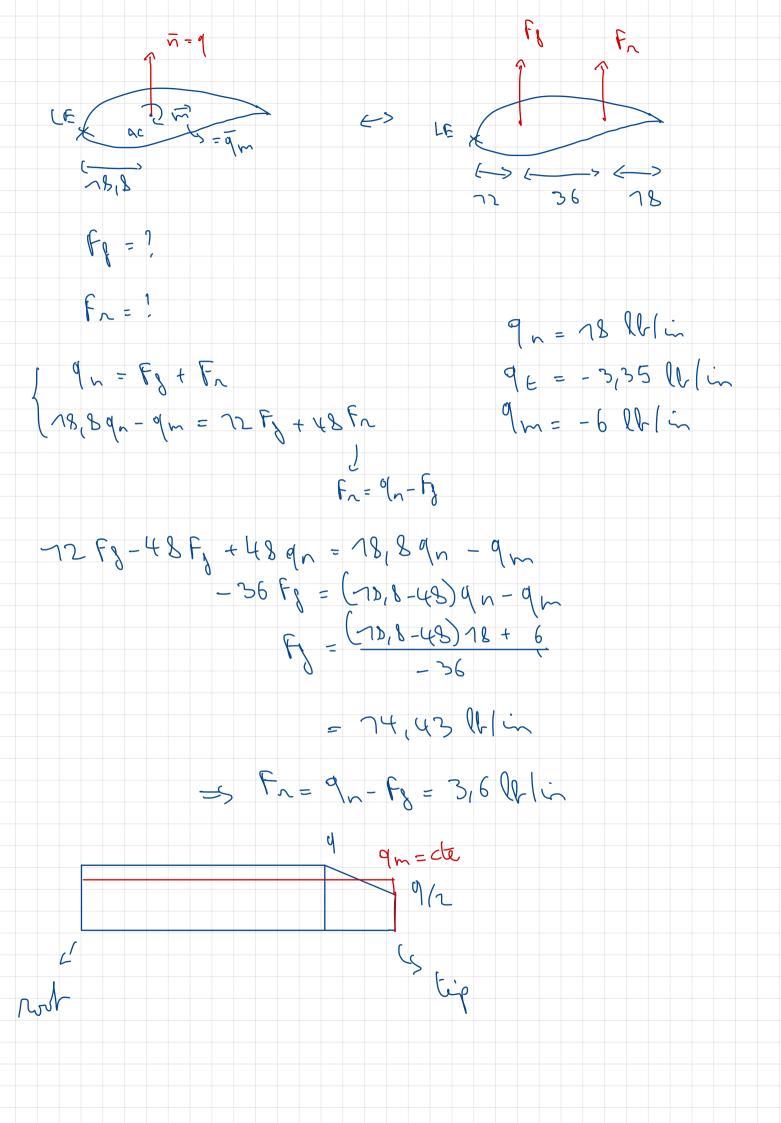
$$L = W = \frac{1}{2} e^{\sqrt{2}} S(\frac{1}{2}) \qquad \frac{1}{2} e^{\sqrt{2}} S_{0}(\frac{1}{4+p}) + \frac{1}{2} e^{\sqrt{2}} S_{0}(\frac{1$$



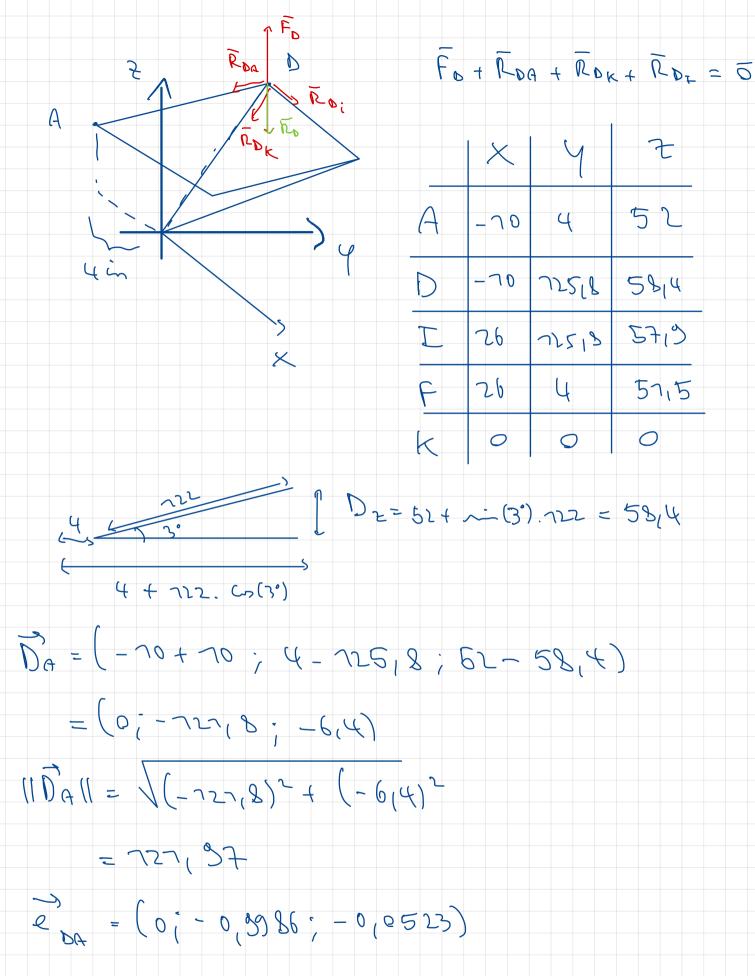
Dray Listribution

738 (270

Mon en qu = - 2400 = 6. lh.in(in



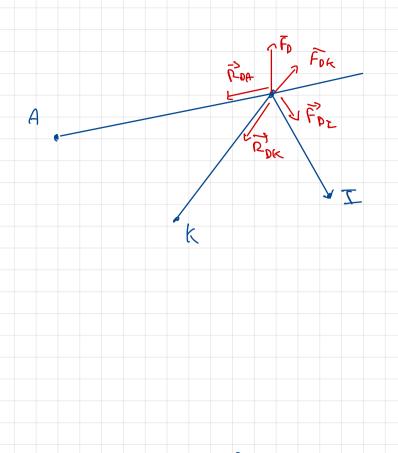
at nort: Fg= 74,43 lb (is Fr = 3,6 lb (in or tip: Fz= (18,8-48).5+6=7,74 ll/i Fr= 1,85 (b/in = 126.14,45 14,48 (b) in F3 = (14,45-7,74). 2 7 F = 726.74,43 Jose a nomen well for find that of the FrtFrtFs= RA+RD (2) (-4na-126 PD+F1-63+F2-762+F3.750=00) (2) - 4. (7) 722 RD = 53F, + 75BF2+746F3 120 = 53F, + 758F2 + 746F3= 7847 lb (n): RA = F-+F2+F3-RB = (726.74,75) + (7,74.72) + (74,43-7,74).36 -7847 = 77606



	Contrx	cs to y	67 b 2
ē DA	0	-0(3986	-0,0523
769	0,9999		-0,0179
2 DK	0,0779	-0,0043	-01423
Fo > e c	0,0733	-0,0523	0,5885
Q _ = 0	$\mathcal{L}_{\mathcal{L}} \times \mathcal{L}_{\mathcal{L}}$		

Ex 0. PDA + 0,0999 PDI + 0,0770 PDK
+ 0,0739 FD = 0

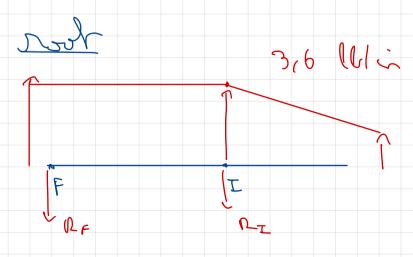
=> R DA = -4653 Ph R DK = 5028 Ph R DT = -387 Ph



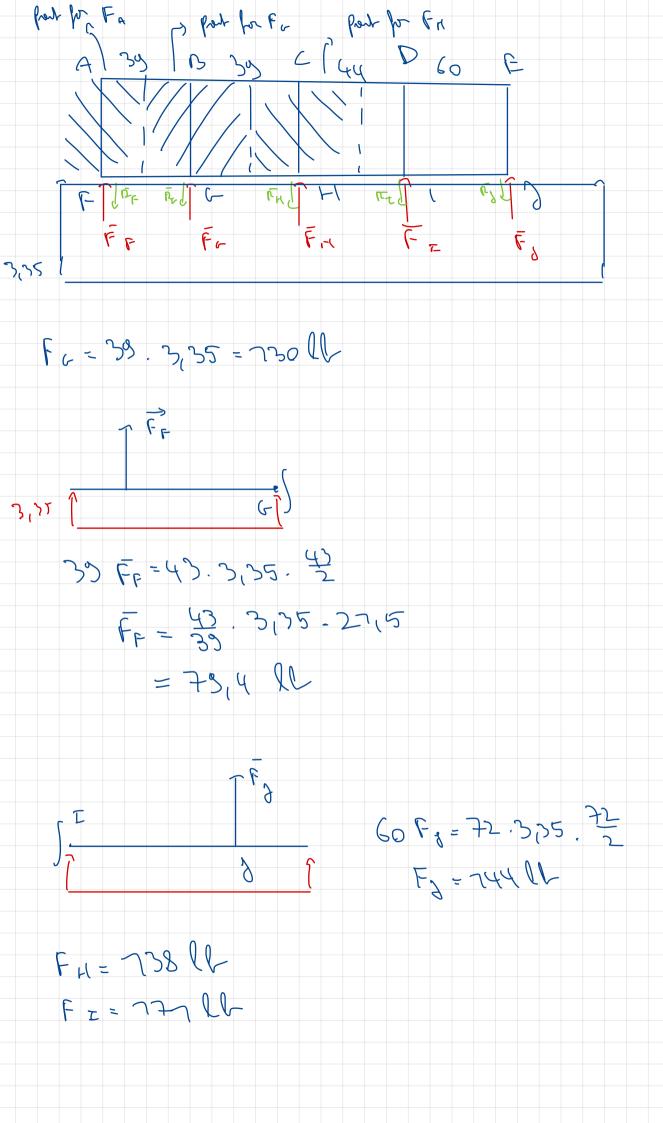
By having the reaction forces you can dimension the trusses

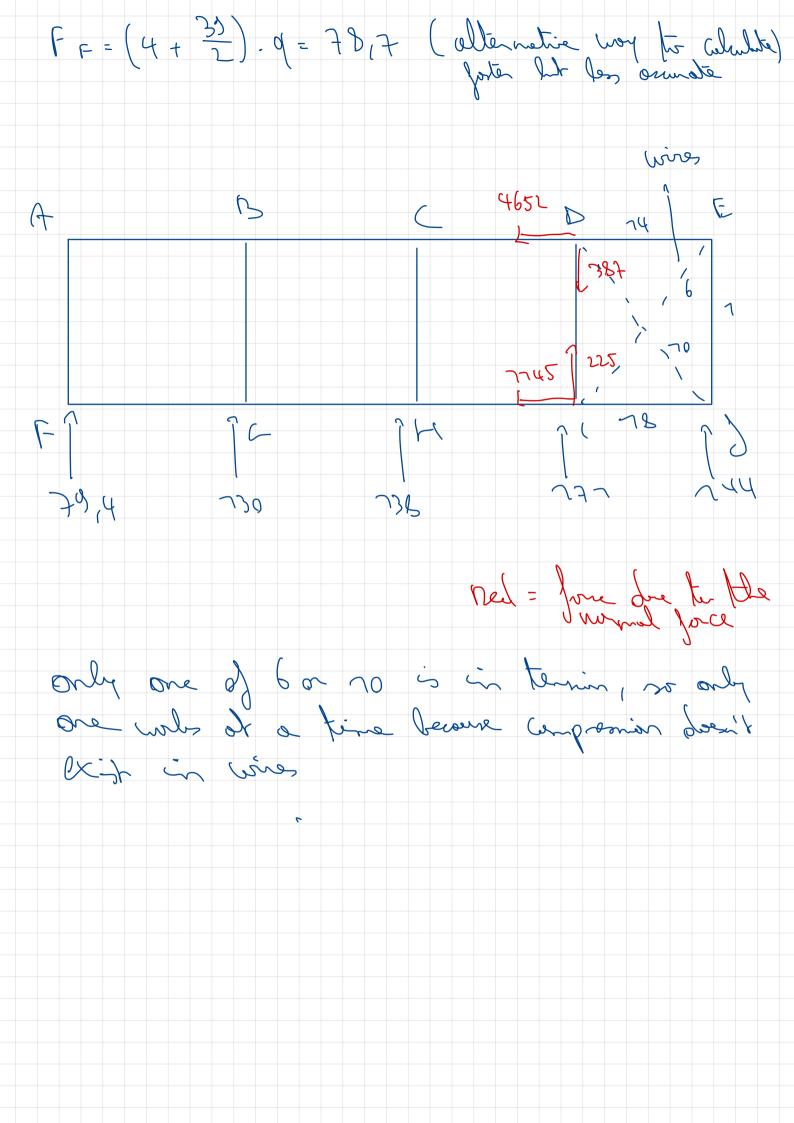
465,3lb 387 lb

RIO = - 225 lb RIO = - 254 lb



7,86 lb (~





suppose so os is termin. $V_{1} = 0$ $V_{2} = 0$ $V_{3} = 0$ $V_{N} = 0$ $V_{N} = 0$ $V_{N} = 0$ /ex = - N n8 - N no Cos d=0 => N n8 = - N no Cos d / ey = Nromd+744=0 Nro=-744 Lo Compression or desit remed in is d ze Nus Tun N= - 144 N28=0

Nach (Eq = -Nn - N6 mi 6 = 0 N6 = -Nn > 0 (ex = -N-u-N6 con L = 0