Braking calculations (FFI UGN) [FLONT]
91 055 € (at might > M = 520 Kg = 220 19
((oh 3 to 0)). (super of dealth) ((op) 350 mm =) 15. (in) ((oh 3 to 0)) A (Lough 8 to 0) = 14
. Flut : 0.65 . Faultu (T) 3 5300 mm 5) dor ! u
· Brave Plas (P) => 0.1
· Rotor ration (PK) = 2.48
=) Total Wight transfer in X-Livertion
$\therefore \Delta W_{\chi} = \frac{h}{\lambda} \times W \times Q_{\chi}$ $= \frac{1}{220} \times 250 \times 1.7$ $= \frac{1}{200} \times 250 \times 1.7$
10 4 = 0 55.652 Kg 5) 122. 51933 19
2) Wright that mist be stopped by front whills
Mtt = OMDC + T
s 55.152 + 250 2
TWH = 180.652 (cg) => 1247.51933 164
2) Front where locking torque require!
-> Tire radiu (1) : 10 in = 254 mm = 0.154 m
[12 houp: 3 d10.30d 1P:10) C= PEDLOW 3 D4 D1262 DEM

Scanned with CamScanner

Torque per front where !- [tpm = 3960.309 = 44.77865 (2)
" [Epw = 1980.1546 16.in = 22. 256327 W-m]
MASTER EYLLNOER DOD PIJTON
2) Master cylinder borr (Mlborr) = 0.625 in
$= M(a_{\text{red}} = \frac{\pi}{4} \times (M(b_{\text{bott}})^2 = 0.31 \text{ in}^2$
Priton liameter (Dp) = 0.90 in No.08 pritons (N) = 4 pri collipar
Piston a era (A_p) = $\frac{\pi}{4}$ $Dp^2 \times N$ $\frac{1}{4} \Delta_p = 3.94 \text{ in}^2$
3) Force reg. 1 by Irise to lock Wheels
Equers (Them)
(be xp) [CSXL2012 X Long X Dunta) [CSXL2012 X Long X Dunta) [CSXL2012 X Long X Dunta)
5 1980.1146 [5 inh 10+27]
2 x 8 x 0 · 42 x 3 · 04 = 5) [{triul = 307.693 16
2.48 x 0.5 = Farium = 192.301 16
To for win 8

- 197.308x 2.08x 0.5

Pront = 769.272 pii

Spris: ISR-22-048 (front wheels) } (allipers

Tilton 78 (pivoting type)
Lo 5/8" front (bore)
Lo 1" rear (bore)