ME 366 Will BUZiace Hw 5 For Lt X O = 315 (21) = 135.62 GASHOODER WARD - (230)(2.07)(135.62) wm. mm. Mmyt F: 63,00BN = 163 KN  $Sin \Theta = \frac{Fdie}{F}$ Flie AN 63 Sin (27) = Fdie = 23.6 Km 7) un V-bending edge-bending
4.714= F= 1.33 \frac{560 (176)(.7^2)}{9.5} \Frac{520 (176)(.7^2)}{9.5} = 1.184 UN Fai. 33 550 (120) (1.42) = 4.7346 UW A.OBUN: [3 = 1.33 \frac{580(120)(1.43)}{1.20} Fais 1.33 30 (170) (.72) = 2.551 km Fais 33 3/0 (180) (-92) - 633 les Fac: 1.33 9. (1201 (1.47) = 10.207 UN Fag= . 35 3/0 (1201 (1.42) = 2,532 Un C. Fr. Fs, F8, F5, F4, F1, F6, F2 3. A) bending rests between yield Point & UTS. b) it is cheaper for a company to Pay this one to bend w/ this makine them to Pay me to do it by hand, but, I'm faster.