Reset (!box\_bit) intalize I/o Bl (time < T\_1000) time ++ No Box print tabular data (box\_bit) (1box bit) all variables = 0 So (end-shift) time = Ø (/box-bit)] state = Bux Pres. box-count time / 10 /4 State = shift ended time = 0 Buk (jam-cloored) Com-count ++ (160x-47) jam-times Jam-count Jetime Shift Ended 80 (! endshiff) ll (time > Zvas) Box Present time =0 State = Notex time = 0 State = Jam (box-bit) ! (jam-cleared) BB (time < T\_40 BB (end-shift (borchit) State = Shiff Ended time++ 80 (time > T-40) time = 0 State Jam Jam Detected ( !jam\_ckored) U (!endshift) time++ blick\_alorm = blink-alorm A (time/BLINK-T