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Additional internal memory:

Tag	Data Type	
CTR1	COUNTER	Counts pb presses

Count 20 pb presses. When 20 have been counted, latch PL612.
When PB613 is activated, unlatch PL612.

Counter resets itself at 20 so that more pb presses can be counted while PL612 is on.

Push button switch,
on when pressed

PB151

<Local:1:I.Data.4>

Press counter

CTU	
Counter	CTR1
Preset	20
Accum	0

(CU)

(DN)

Push button switch
that is on when
pressed

PB613

<Local:6:I.Data.2>

Pilot light

PL612

<Local:7:O.Data.2>

Press counter

CTR1.DN

Pilot light
PL612

<Local:7:O.Data.2>

Must wait to reset counter until after the DN bit used to latch pilot light.

Press counter

CTR1.DN

Press counter

CTR1

(RES)

(End)