










 **Controller Example\_6\_5** **Controller Fault Handler** **Power-Up Handler****Tasks** **MainTask** **MainProgram** **MainRoutine** **Simulation** **Simulation** **Unscheduled****Motion Groups** **Ungrouped Axes****Add-On Instructions****Data Types** **User-Defined** **Seq\_Type**

Counter-Based Sequencer

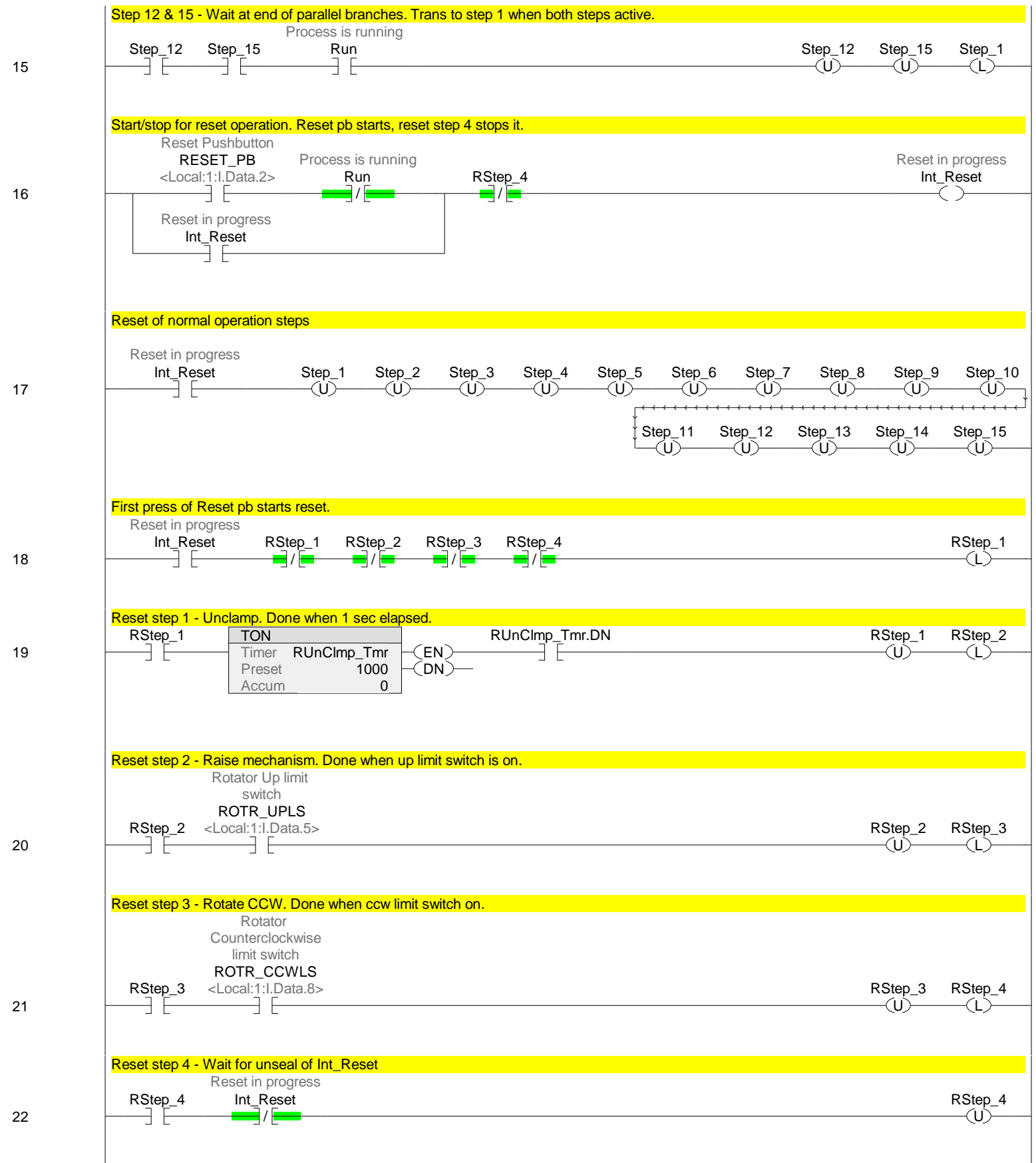
 **Strings** **Add-On-Defined** **Module-Defined** **AB:1756\_DI:C:0** **AB:1756\_DI:I:0** **AB:1756\_DO:C:0** **AB:1756\_DO:I:0** **AB:1756\_DO:O:0****Trends****I/O Configuration** **1756 Backplane, 1756-A10** **[0] 1756-L71 Example\_6\_5** **[1] 1756-IB32/A Dig\_In** **[2] 1756-OB16I Dig\_Out**

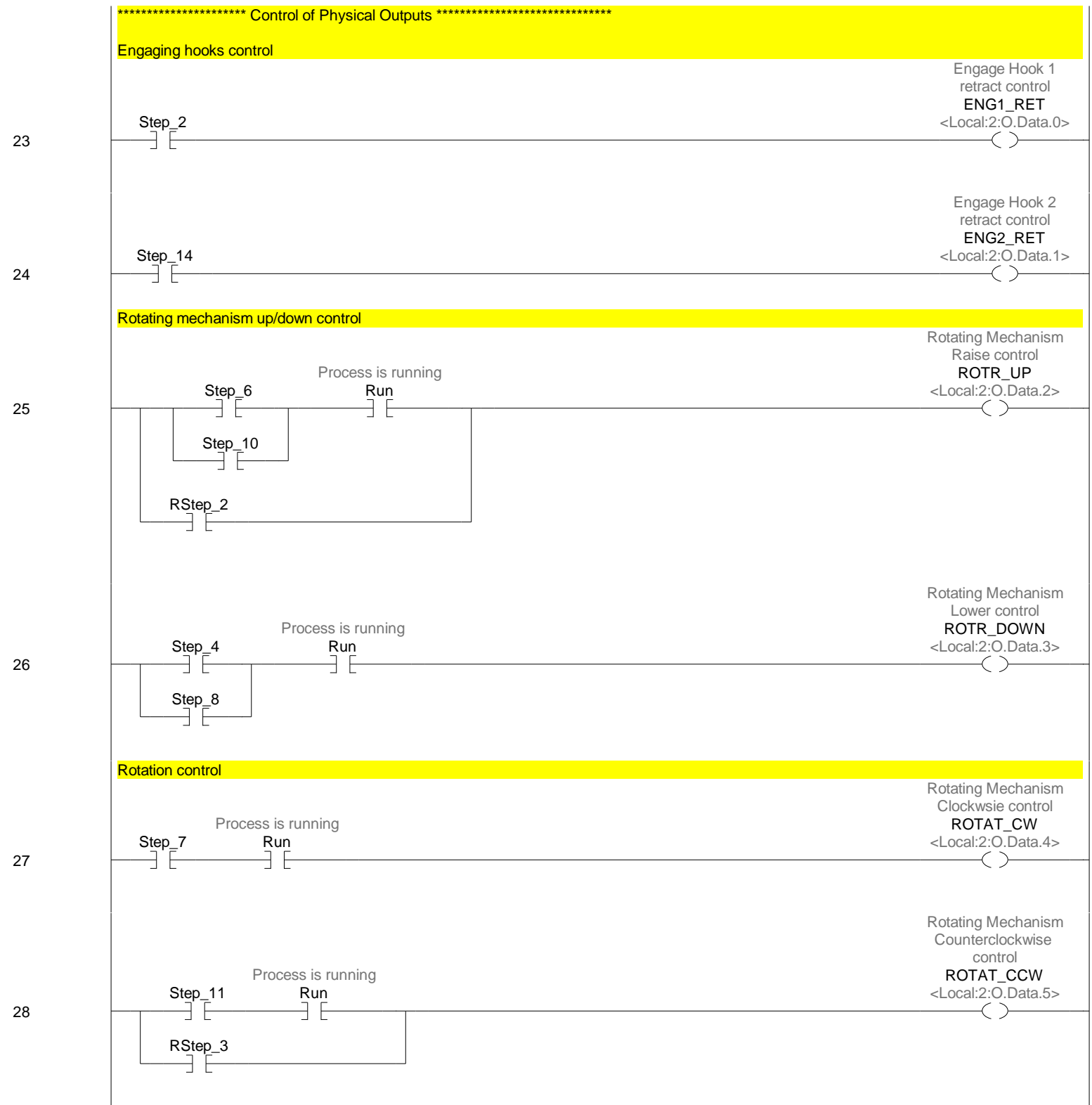
Example 6.5 Engine Inverter with Parallel Branches - With Simulation

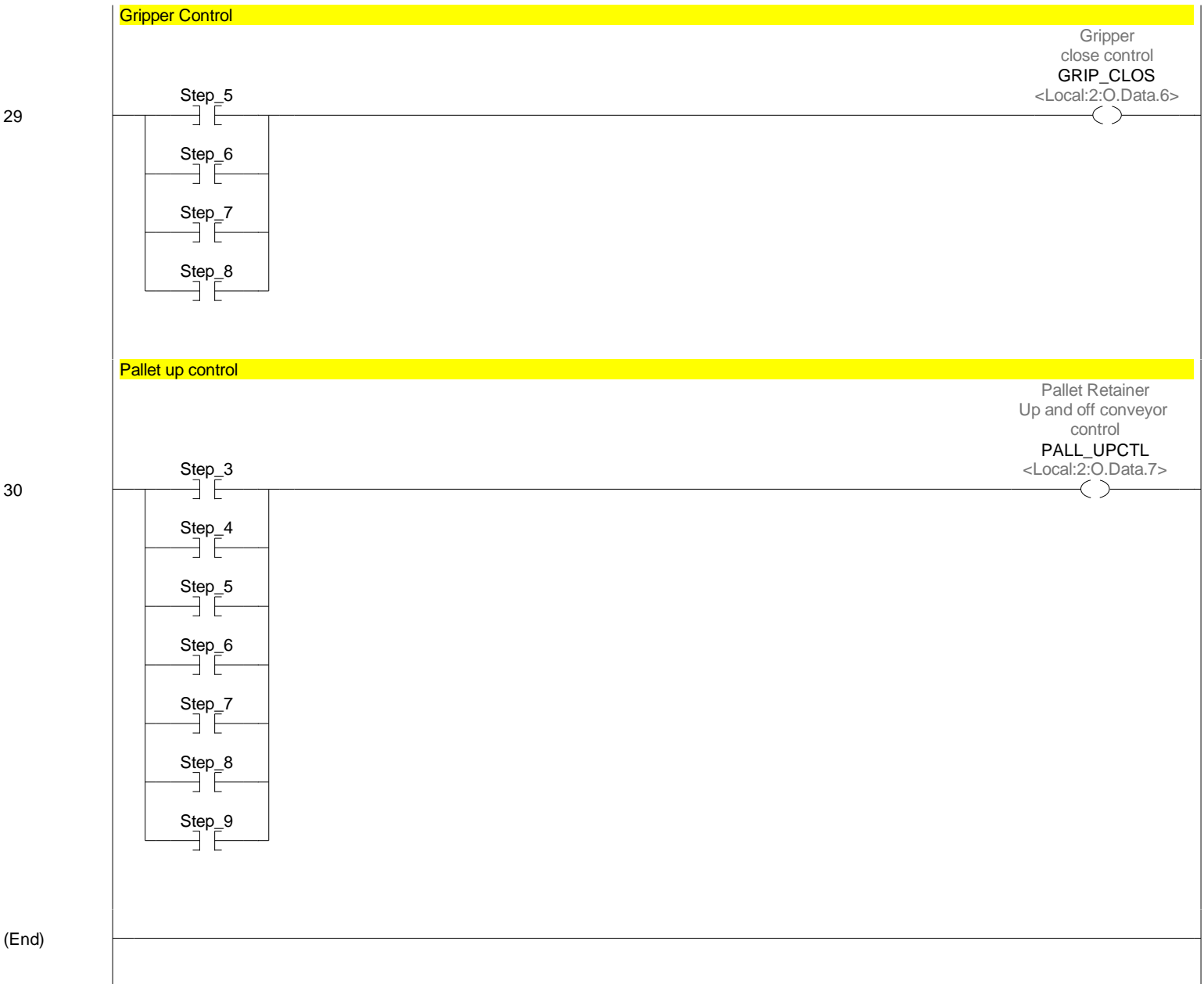
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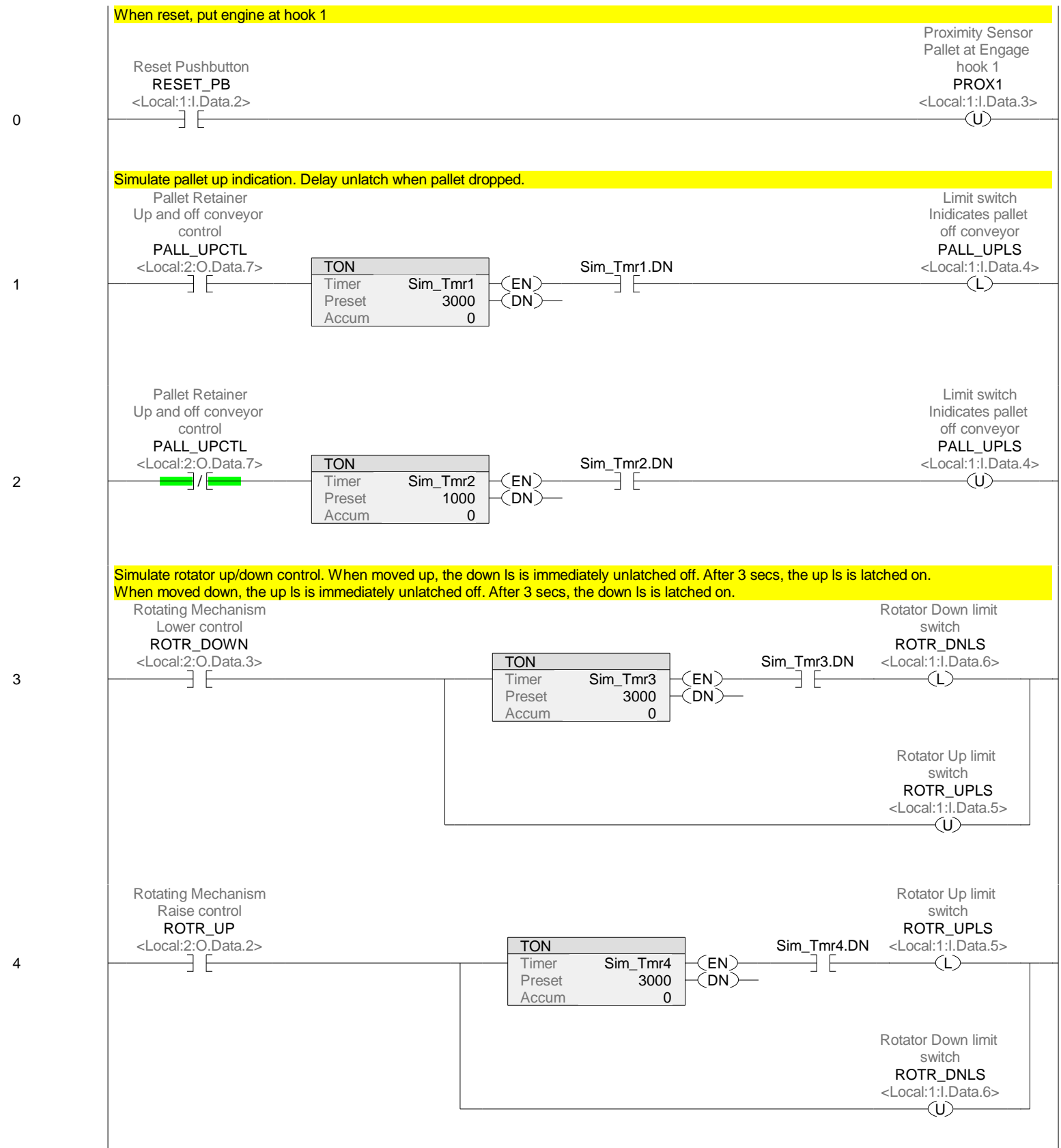




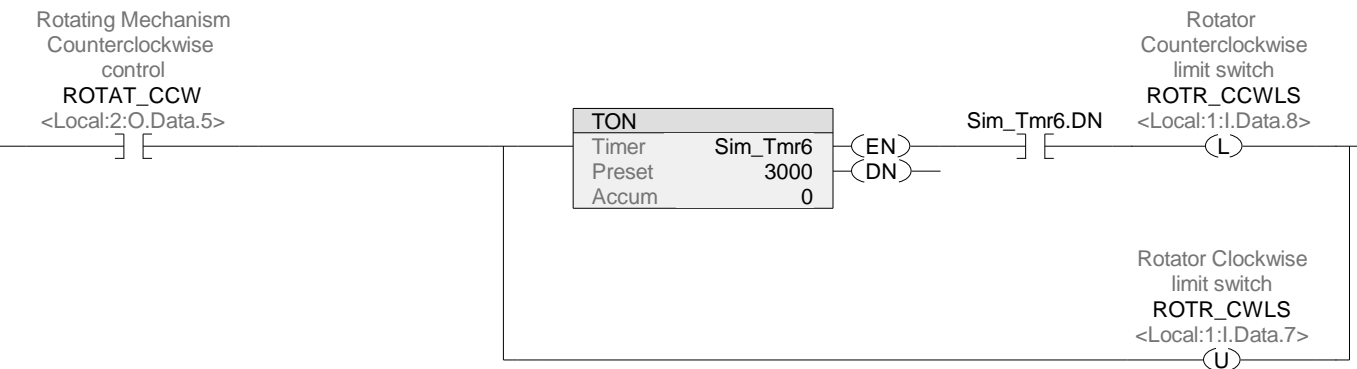
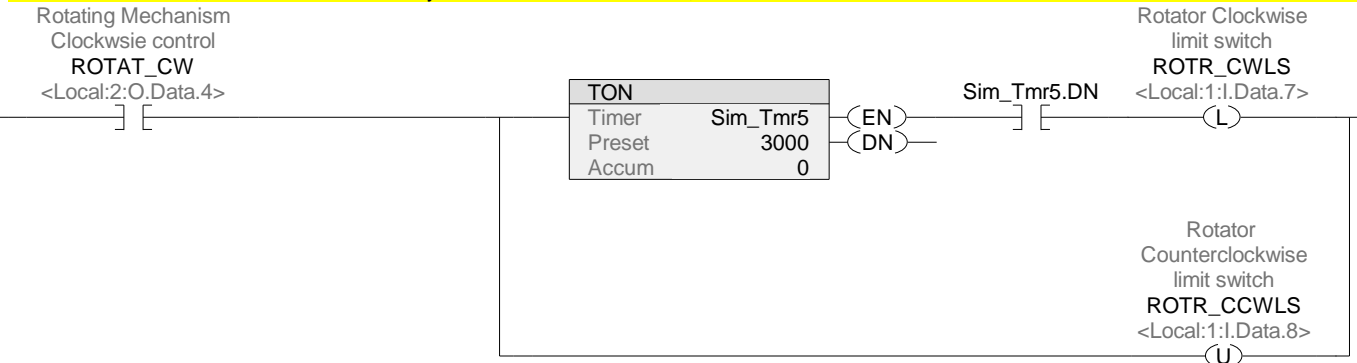




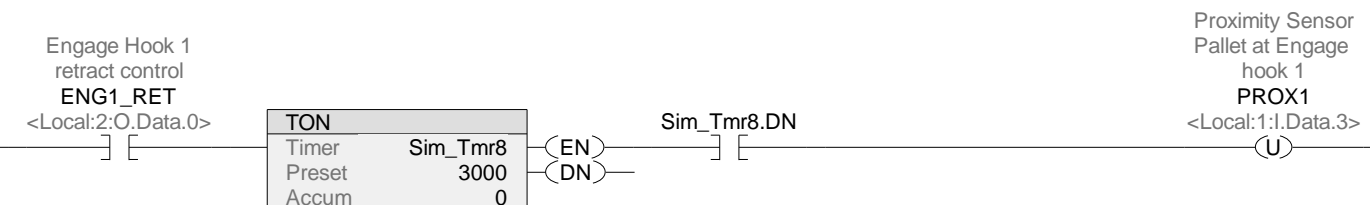
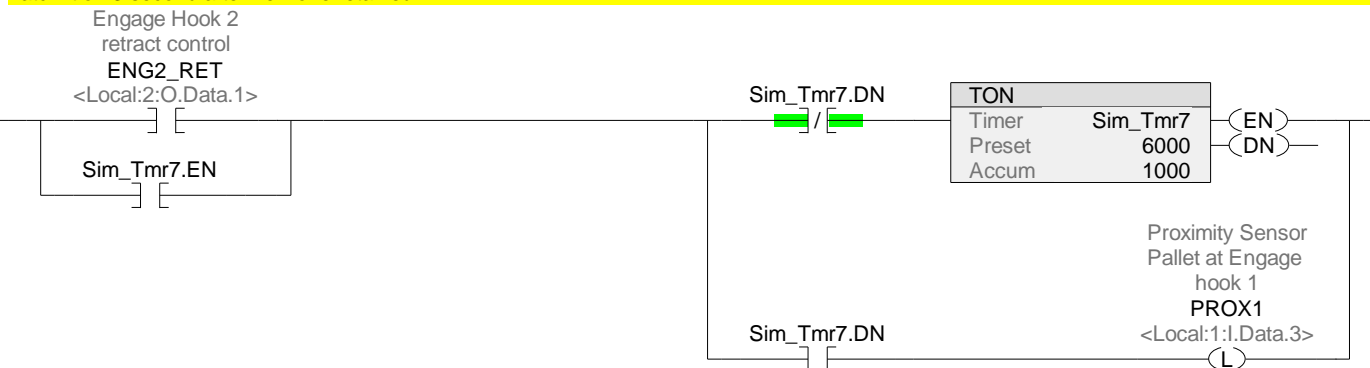




Simulate rotator rotating control. When rotated CW, the CCW Is is immediately unlatched off. After 3 secs, the CW Is is latched on.  
When rotated CCW, the CW Is is immediately unlatched off. After 3 secs, the CCW Is is latched on.



Simulate Pallet Prox  
Latch it on 6 seconds after one has left the station.  
Latch it off 3 second after new one retained.



(End)