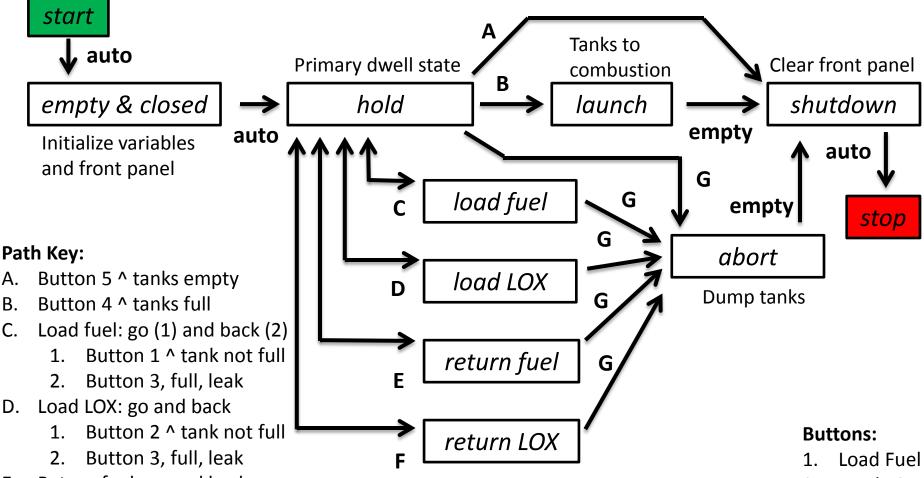
Rocket Fueling Simulation State Machine

Paul K Dixon Physics 350 CSUSB



- E. Return fuel: go and back
 - 1. (Button 6, fuel leak) ^ tank not empty
 - 2. Button 3, tank empty
- F. Return LOX: go and back
 - 1. (Button 7, Lox leak) ^ tank not empty
 - 2. Button 3, tank empty
- G. Button 8, overpressure on either tank

- Notes of order of precedence: G, F, E, ...
- 1. Abort on button or overpressure
- 2. LOX leak to return LOX
- 3. Fuel leak to return fuel
- 4. Normal operation

- 2. Load LOX
- 3. Hold
- 4. Launch
- 5. Shutdown
 - . Return Fuel
 - . Return LOX
 - . Abort