

**Use Case 1: Monitor Pre-Launch****Scenario:** Monitor Delivery System–Monitor Rocket**Scope:** LaunchSimulator**Level:** Flight Controller Goal**Primary Actor:** Flight Controller**Related Use Cases:** None**Stakeholders & Interests:**

- Flight Controller: Wants to monitor the Rocket during Pre-Launch for Pre-Launch Validity (continue, hold or abort)
- Engineer/Technicians: Wants to monitor the Rocket during Pre-Launch to apprise the Flight Controller to the condition of Pre-Launch
- Astronaut: Wants to monitor the Rocket during Pre-Launch

**Pre-Conditions:** The Countdown has started and in Pre-Launch**Post-Conditions:** The Countdown at 0, the System transitioned to Initiate Launch**Main Success Scenario:**

Flight Controller	System
	1. Reports the current velocity of the Rocket
	2. Reports the State of the Current Stage
	3. Repeats 1, 2 for the duration of the Countdown
	4. For the Last Stage, reports the State of the Capsule
	5. Reports Countdown at 0
6. Initiate Launch	
	7. Transitions to Initiate Launch