Use Case 1: Monitor Pre-Launch Scenario: Monitor Capsule Scope: Launch Simulator Level: Flight Controller Goal

Primary Actor: Flight Controller Related Use Cases: None Stakeholders & Interrests:

• Flight Controller: Wants to monitor the Capsule during Pre-Launch

• Astronaut: Wants to monitor the Capsule during Pre-Launch

Pre-Conditions: The Countdown Started, in Pre-Launch

Post-Conditions: The Countdown at 0, the System transitioned to Initiate Launch

Main Success Scenario:

Flight Controller	System
	1. Reports current velocity of the
	Capsule
	2. Reports current "atmosphere" of
	the Capsule
	3. Reports the current state of the
	Capsule (attached or separated)
	4. Repeats 1-3 for duration of the
	Countdown
5.	