



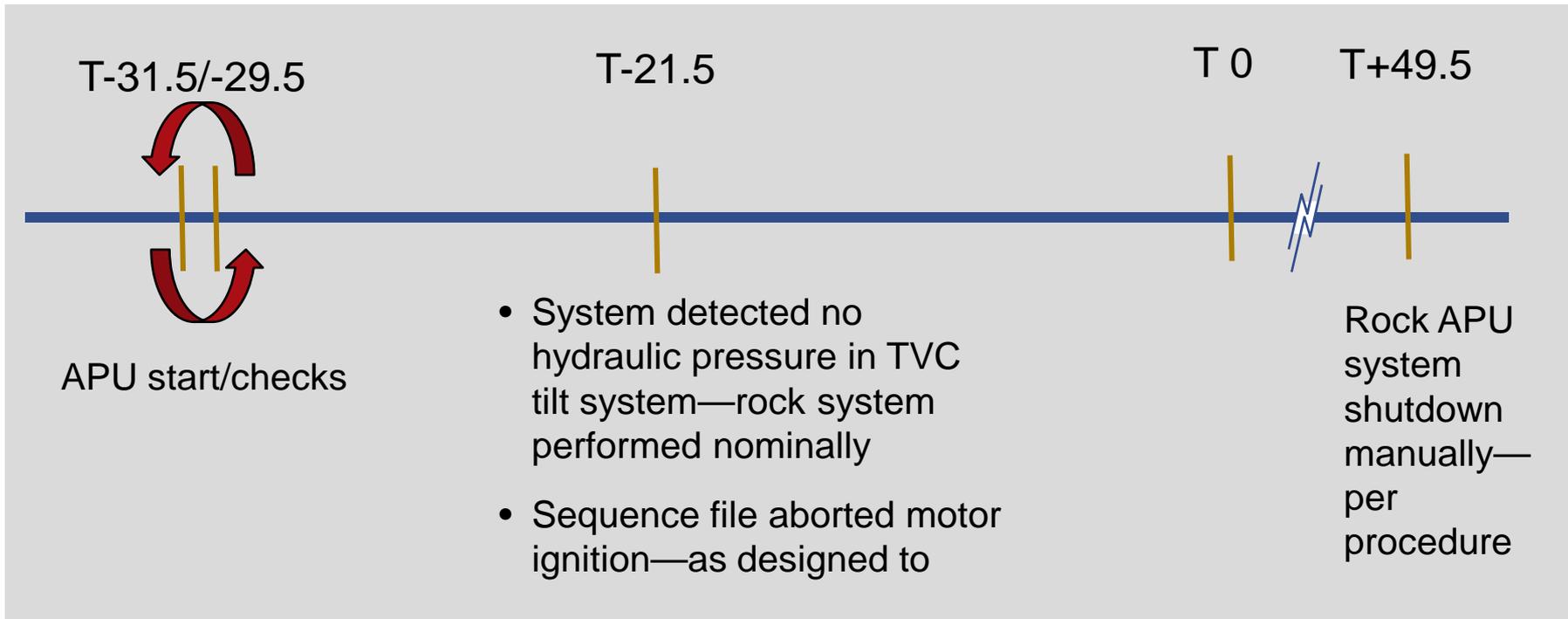
DM-1 Test Anomaly Corrective Action Update



September 10, 2009



Apparent nominal countdown continued through T-21.5 sec



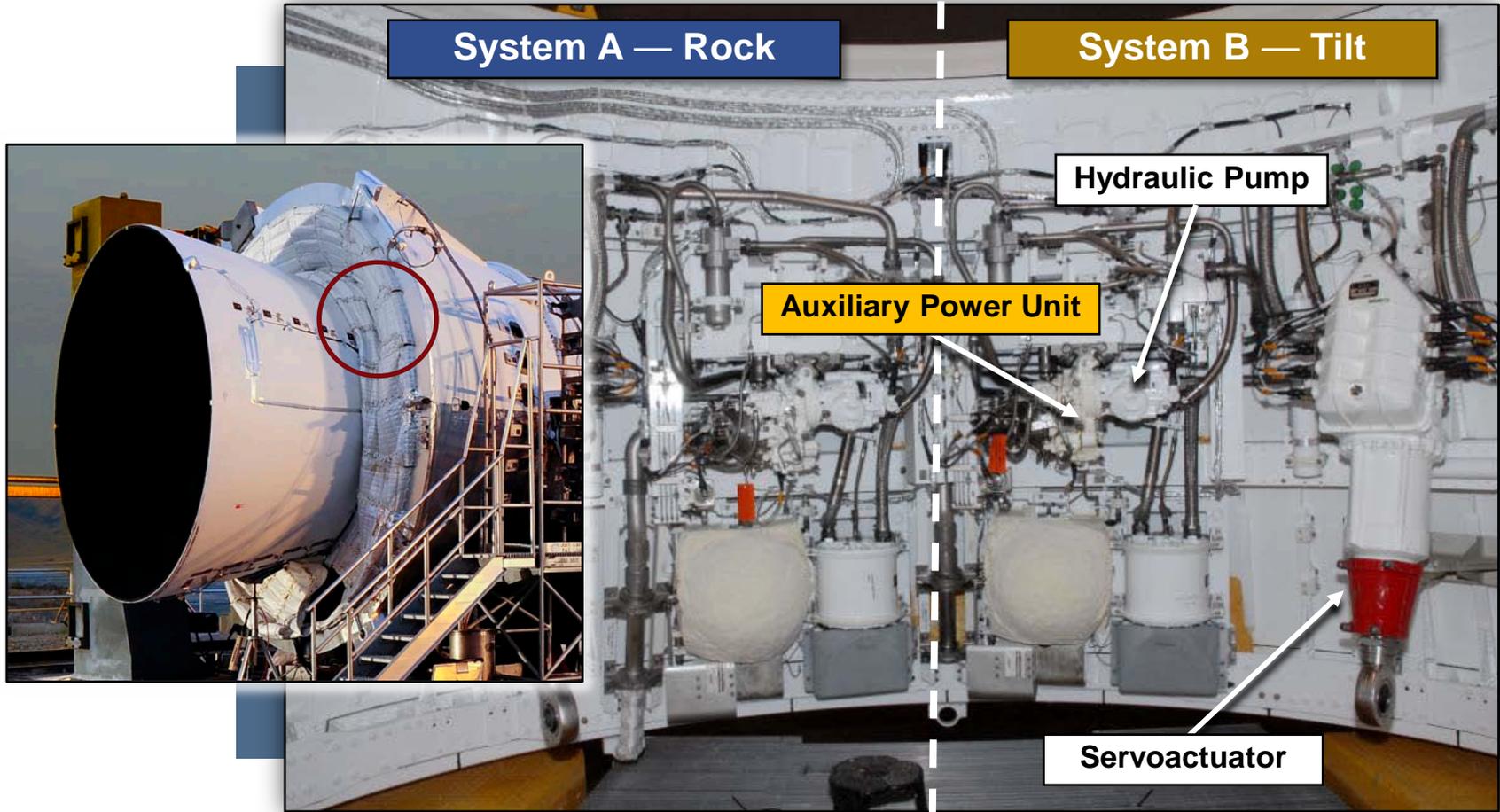
- DM-1 system returned to a safe condition
- Anomaly investigation team comprised of NASA, ATK, and USA personnel immediately formed

Thrust Vector Control Subsystem



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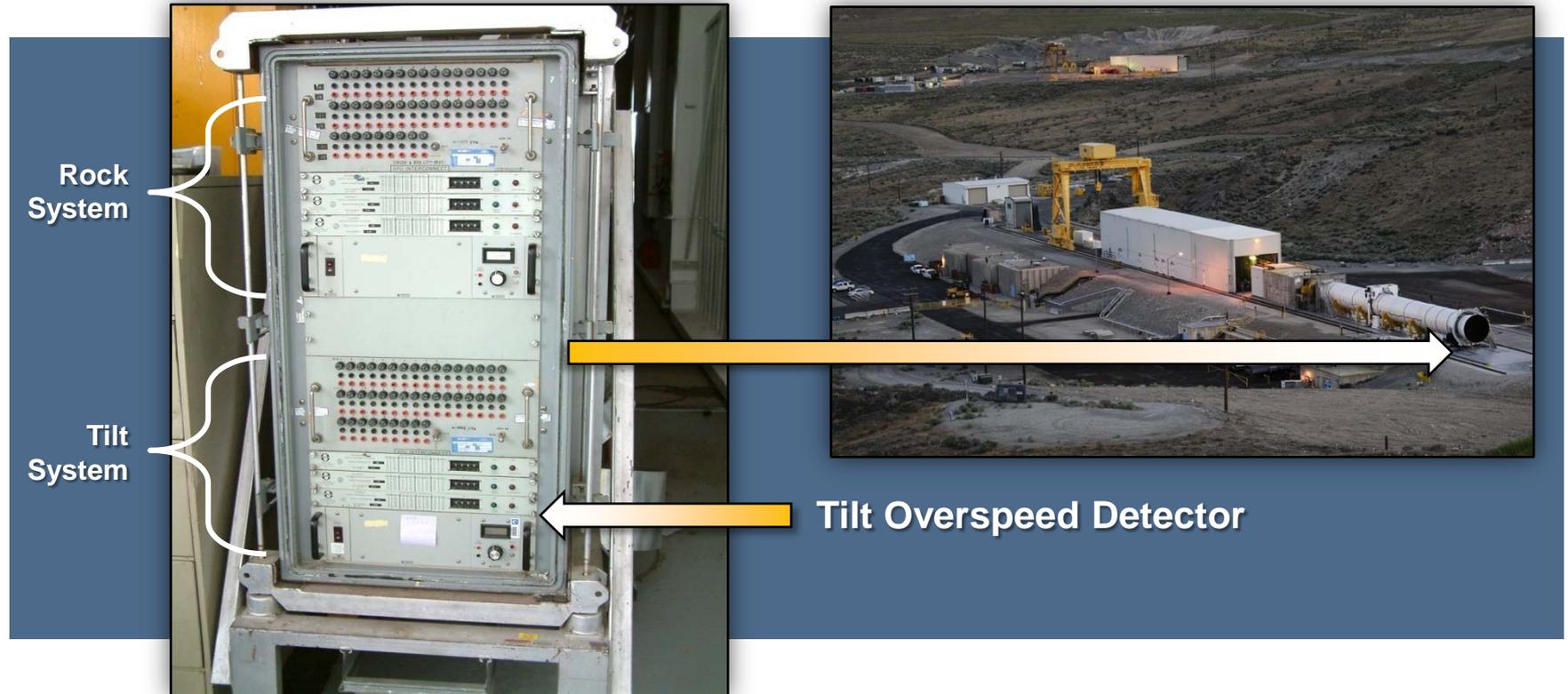
Ares I First Stage Hardware



Investigation Results and Corrective Action

Investigation led to a faulty ground control circuit

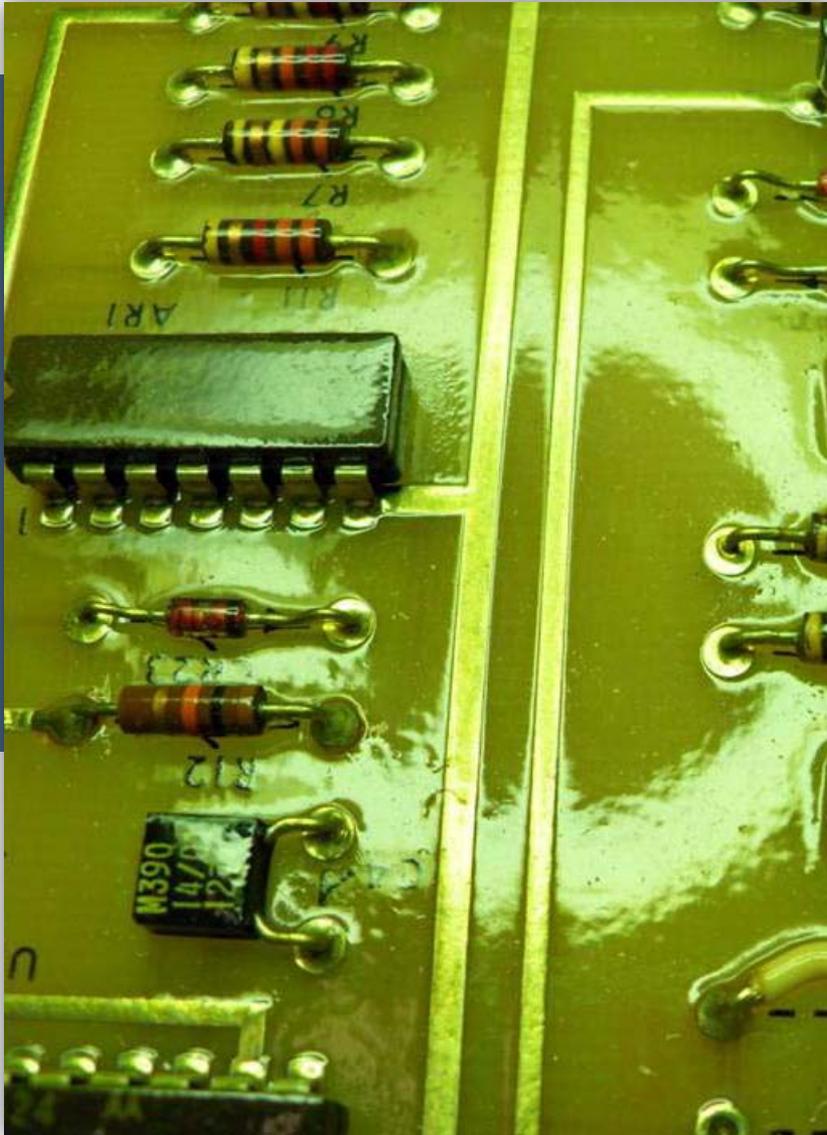
Ground Test Controller



Tilt Overspeed Circuit Removed and Replaced



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- Following removal and replacement, a series of tests was performed to validate the corrective action
- A successful full motor countdown and TVC system test was conducted on Saturday, September 5