

LFEV Status Letter

Week 8 - 3/22/15

LFEV

Team Milestones:

VSCADA:

CAN communication demonstrated. Found and placed the order for connectors.

DYNO:

Last week the milestones for the Dyno team were to prepare AEC 401 for testing by putting the MCS together and independently verifying basic subsystem functionality. This was not completed due to the dyno not being fully prepared. The plan is to fully prepare the dyno this week in order to catch up.

Next week the milestones are to verify the dyno sensors and generate torque and rpm charts.

Task	Member	Status
Prepare AEC 401 and test T000-1	Steve	Incomplete
Test safety systems	Alex	Incomplete
Verify throttle system	John	Incomplete
Develop simulation for full vehicle	Brendan	Incomplete
Verify motor controller sensors	Nate	Incomplete

TSV:

BoB revisions finished. PCB routing and ordering to come Monday. Got the TS-8160-4200 to work again. Fist AMS soldered.

Next week, we will return the TS-7400 computers, ordering of connector and BoB components. Testing of AMS.

GLV:

Last week corrections were made on the subsystem level based on the feedback from the CDR presentation. Replacement parts were found for the dc-dc converters that were never ordered. The VCI PCB design was completed.

This week the TSI and VCI PCB designs will be sent out for fabrication. The mechanical designs for all subsystems will be sent out for fabrication. The ATP will be completed.

Budget:

Money Spent

Team	Money Spent	Money Remaining
SCADA	\$506	\$208.81
GLV	\$660.00	\$737.90
DYNO	\$536.98	-\$388.98
TSV	\$2,152.08	\$587.02
Total	\$3,855	\$1,145

Other Notes: