

# **Attachment 0013**

## **Pre-TRR Checklist**

**23 November 2011**

**Distribution Statement A – Approved for Public Release; distribution unlimited**

## Attachment 0013 – Pre-TRR Checklist

### 1 PURPOSE

The TRR process for the Joint Light Tactical Vehicle (JLTV) Program Manager (PM) will assess the readiness of the JLTV vehicles and trailers to enter the formal testing event. The Pre-TRR and TRR will assesses the status of planning for and capability to conduct a given test event, to include available resources and other requirements. This process allows key JLTV leadership and stakeholders to assess whether JLTV test vehicles, personnel, ranges, and test resources are ready to be committed to Government Vehicle Testing with safe and manageable risks. The process begins with a Pre-TRR meeting with the Contractor and concludes with a formal Government TRR meeting and a recommendation which is provided to the JLTV Product Managers to proceed (or not) into Government testing.

#### 1.1 COMPLETION OF CHECKLIST

The Pre-TRR Checklist will be considered completed when the items in the Checklist have been satisfactorily completed, key issues addressed, and there are no unresolved items.

## Attachment 0013

Pre-Test Readiness Review (TRR) Checklist				
Vehicle Test Readiness				
Section	Criteria	Responsibility	Status	Comment/Mitigation
<b>1.0</b>	<b>Introductions/Purpose</b>			
1.1	Test purpose	PM T&E		
<b>2.0</b>	<b>Vehicle Configuration</b>	Contractor		
2.1	Configuration of the system is consistent with the defined product baseline IAW CDRL A049.			
<b>3.0</b>	<b>CDRLs Status</b>	Contractor		
3.1	All CDRL submissions and updates required by Pre-TRR have been delivered.			
<b>4.0</b>	<b>System-Level Verification Test Results/Corrective Actions</b>	Contractor		
4.1	Break In tests are complete IAW C.17			
4.2	All failures identified during break in testing have been addressed and documented in System-Level Verification Test Report (CDRL A073)			
4.3	All known residual catastrophic failures and safety issues identified during break in testing have been corrected.			
4.4	Report of shakedown test results.			
<b>5.0</b>	<b>Government Inspection Results/Certifications</b>			
5.1	The vehicles and trailers have been inspected (not tested) for adherence to the requirements listed in Appendix A. The vehicles and trailers must pass the inspections for these requirements to be deemed acceptable for test. Some of these inspections will need to occur during build.	DCMA/Contractor		
5.2	Vehicles have been configured IAW Attachment 0037 and prepared for shipment.	Contractor		
5.3	All non-vehicle hardware. The required timing of deliveries is specified in Section F.	Contractor		

**Attachment 0013 – TRR Letter Of Instruction**

<b>Pre-Test Readiness Review (TRR) Checklist</b>				
<b>Vehicle Test Readiness</b>				
<b>Section</b>	<b>Criteria</b>	<b>Responsibility</b>	<b>Status</b>	<b>Comment/Mitigation</b>
5.4	Kits have been inspected, are complete, and ready for shipment IAW Attachment 0037	DCMA/Contractor		
5.5	Vehicle inspections, certifications, and analyses have been completed and submitted	DCMA/Contractor		
5.6	Unapproved Hazardous Materials are not present in the JLTV, IAW the materials detailed in C.13.6 Hazardous Materials Management.	DCMA/Contractor		
<b>6.0</b>	<b>Test Support</b>	Contractor		
6.1	FSRs are identified and ready to support testing at designated locations as identified in Attachment 0037.			
6.2	Logistics limitations and risks associated with them have been identified and mitigated.			
6.3	All BII items are complete and ready for shipment with the vehicle.			
6.4	Tester Training packages/plans have been reviewed, approved and available IAW CDRL A078.			
6.5	Operators' Manuals are complete, delivered, and adequate to support tests.			
<b>7.0</b>	<b>Safety Assessment Reports/Concerns</b>	Contractor		
7.1	Contractors Safety Assessment has been completed and accepted by the Program Office			
7.2	High voltage electrical safety for testing addressed and covered in both the tester training courses and the operators manuals IAW CDRLs A065 and A078,			
<b>8.0</b>	<b>System Delivery Schedule</b>	Contractor		
8.1	Delivery schedule has been provided and is on track with contract requirements.			
<b>9.0</b>	<b>Contractor-Performed Government Testing</b>	Contractor		

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**Pre-Test Readiness Review (TRR) Checklist**

**Vehicle Test Readiness**

Section	Criteria	Responsibility	Status	Comment/Mitigation
9.1	Contractor-Performed Government Test Plan has been approved IAW CDRL A076.			

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**Appendix A**

<b>PD ID</b>	<b>Requirement Summary</b>	<b>Inspection Required</b>
PDFOV-7998	Air Brake Couplers	Inspect IAW with the JLTV PD Section 4
PDFOV-8000	Automatic Condensate Drain Valve	Inspect IAW with the JLTV PD Section 4
PDFOV-8012	Split Brake System	Inspect IAW with the JLTV PD Section 4
PDFOV-1423	Portable Fire Extinguisher	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-7682	J1939 Diagnostic Connector	Inspection for presence and accessibility of a single J1939 diagnostic connector.
PDFOV-6868	Energy Storage Enclosure Venting	Inspect IAW with the JLTV PD Section 4
PDFOV-7396	Electrical Distribution Subsystem	Inspect IAW with the JLTV PD Section 4
PDFOV-7398	High Voltage Electrical Distribution Subsystem	Inspect IAW with the JLTV PD Section 4
PDFOV-8500	Side Marker Lamps	Inspect IAW with the JLTV PD Section 4
PDFOV-8499	Side Marker Lamps	Inspect IAW with the JLTV PD Section 4
PDFOV-8501	Side Marker Lamps	Inspect IAW with the JLTV PD Section 4
PDFOV-7454	Direction Indicators	Inspect IAW with the JLTV PD Section 4
PDFOV-7456	Lighting & Light Signaling Devices	Inspect IAW with the JLTV PD Section 4
PDFOV-7460	Lamps	Inspect IAW with the JLTV PD Section 4
PDFOV-7455	Lighting & Light Signaling Devices	Inspect IAW with the JLTV PD Section 4
PDFOV-7467	Instrumentation	Inspect IAW with the JLTV PD Section 4
PDFOV-8612	Driver's Forward View	Inspect IAW with the JLTV PD Section 4
PDFOV-6920	Seats	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-8140	Blast Restraints	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-6925	Head Restraints	Inspect IAW with the JLTV PD Section 4
PDFOV-8164	Kit Interface Requirements	Inspect IAW with the JLTV PD Section 4
PDFOV-3527	Exhaust System	Inspect IAW with the JLTV PD Section 4
PDFOV-8224	GP Crew Number	Inspect IAW with the JLTV PD Section 4
PDFOV-8227	CCWC Crew Number	Inspect IAW with the JLTV PD Section 4
PDFOV-8802	Missile Stowage	Inspect IAW with the JLTV PD Section 4
PDFOV-8230	UTL Crew Number	Inspect IAW with the JLTV PD Section 4

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PDFOV-1124	Rims and Tires	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-7604	Tow Eyes	Inspect for presence of front and rear tow eyes
PDFOV-1309	Swivel-type Pintle	Inspect for presence of a swivel-type pintle
PDFOV-1397	Fire Extinguishing Cylinders - DOT requirements	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-1367	AFES power disconnect	Inspect for presence of AFES power disconnect
PDFOV-7241	JLTV Data Buses	Inspect for presence of both C4ISR/EW Data Bus(es) and a Vehicle Sensor Data Bus(es)
PDFOV-2581	Isolated Electrical Bus for OVBP	Inspect for presence of an isolated electrical bus for On Board Vehicle Power (OBVP).
PDFOV-2653	NATO Slave Interface	Inspect for the presence of NATO slave interface
PDFOV-2836	Headlight Illumination	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-8141	Blast Restraint Anchorages	Inspect the provided Certification and confirm compliance to the Certification
PDFOV-8627	Vehicle Egress	Inspect for presence of a primary and secondary means of egress for each member of the crew.
PDFOV-3283	Interior Door Locking	Inspect for presence of interior door locking mechanisms
PDFOV-8385	Trailer Lunette	Inspect for presence of lunette on JLTV-T
PDFOV-3281	Door Self Latching	Inspect for presence of self latching door locks
PDFOV-3576	Hazardous Materials Usage	Inspect for not having the presence of Hazardous Materials