

11D PAM 1-201
COMMAND INSPECTION CHECKLIST

FUNCTIONAL AREA: Maintenance	CHAPTER: 12 SECTION: C	DATE OF REVISION: 1 SEP 02
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PROONENT/PHONE NO: G4 350-6657	PROGRAM/ACTIVITY/TOPIC (PAT) Wheeled Vehicles	UNIT INSPECTED/DATE:
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ITEM	GO	NO-GO
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<p>A. Specific</p> <p>NOTE: If a NO GO is received in any of the two following areas the equipment being inspected will automatically be rated at 69 points/Red rating.</p> <ol style="list-style-type: none"> 1. Are there any additional Non-Mission Capable deficiencies that are identified in the operator/crew PMCS table of the -10? 2. Are there any Non-Mission Capable deficiencies that are identified in the Organizational Maintenance PMCS table of the -20? 3. DA Form 5988E (Equipment Maintenance) <ol style="list-style-type: none"> a. Does the equipment DA Form 5988E reflect all NMC deficiencies? b. Does the DA Form 5988E reflect all shortcomings? (For this question we will randomly select any three shortcoming deficiencies.) c. Does DA Form 5988E reflect all safety deficiencies? d. Are all corrective actions indicated for all type faults listed? e. If vehicle is dispatched, is the commander using proper circle "x" procedures IAW DA PAM 738-750? <p>NOTE: Are the following special tests and inspections annotated on the DA Form 5988E?</p> <ol style="list-style-type: none"> f. Antifreeze tested -50 IAW TB 750-651. g. Alkalinity tested, with strip color annotated in the remarks block, IAW TB 750-651. h. Is brake test (except HET tractor) annotated IAW UR REG 750-1, for all wheeled vehicles and trailers. i. Are annual load inspections for vehicle cranes and wreckers annotated IAW vehicle technical manual and TB 43-0142? j. Are required fuel tests annotated for fuel dispensing vehicles? <p>B. General.</p> <p>NOTE: The following questions reflect specific safety requirements IAW AR 385-55 for all wheeled vehicles, movers, and trailers.</p> <ol style="list-style-type: none"> 1. Are required first aid kit, warning triangle, fire extinguisher on hand and serviceable? 2. Do hazardous cargo and fuel dispensing vehicles have proper fire extinguishers, spill capabilities, grounding equipment? 3. Is the operator knowledgeable, have valid license and fuel handlers card IAW UR REG 350-1 and UR REG 55-1 and UR REG 55-4 (Hazardous Cargo Training Annotated)? 4. Does vehicle or trailer have serviceable plates IAW 11D REG 750-2? 		
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<p>5. Are all vehicle exterior (service and black out) lights functional and operating properly?</p> <p>6. Are vehicle cargo areas (side racks, tie down hooks, latches sling points) serviceable and able to safely secure loads?</p> <p>7. Does vehicle reflect any other safety deficiency identified in AR 385-55 that would cause failure of a component or cause injury to personnel?</p> <p>8. Is electric and or air horn operational?</p> <p>9. Does trailer have safety and breakaway chains?</p> <p>C. Engine</p> <p>1. Is engine idle (rpm) below or above proper operational range with vehicle at normal operation temperature?</p> <p>2. Engine motor mounts loose, dry rotted or missing?</p> <p>3. Are all required STE/ICE test adapters (fuel, RPM, air pressure) present on engine?</p> <p>4. During winter months, do vehicle cold weather starting aids operate?</p> <p>5. Exhaust manifold cracked, loose mount bolts or clamps?</p> <p>D. Electrical</p> <p>1. Are electrical connectors damaged, loose or disconnected?</p> <p>2. Any exposed or bare electrical wires (engine) compartment, battery box, starter housing, alternator) that would cause arcing, fire or damage to any wiring component?</p> <p>3. Missing rubber grommets or protective covering that are designed to insulate battery boxes and firewalls?</p> <p>4. Any battery caps unserviceable or missing, or battery electrolyte below specified level?</p> <p>E. Instrumentation</p> <p>1. Any gauge or indicator inop, failsafe warning buzzer or low air horn inop?</p> <p>2. Parking brake or trailer brake indicator inop or out of adjustment?</p> <p>3. Engine retarder or engine brake inop or out of adjustment?</p> <p>4. Power takeoff (PTO) indicator inop?</p> <p>F. Coolant</p> <p>1. Failed antifreeze or alkalinity test IAW TB 750-651?</p> <p>2. Radiator or oil cooler that have 50% or more restriction of air flow?</p> <p>3. Radiator cap that will not seat or vent properly?</p> <p>4. Any radiator or surge tank mounting hardware loose, missing or damaged?</p> <p>G. Fuel System</p> <p>1. Unsecured tank, retaining straps missing or damaged, clogged or missing vent lines?</p> <p>2. Fuel filler screens unserviceable, damaged or dirty?</p> <p>3. Unable to properly drain fuel filter?</p> <p>H. Steering System</p> <p>1. Loose or damaged steering gears, slave or main steering gear assemblies?</p> <p>2. Damaged steering linkage, tie rod, radius rod, drag links, pitman arms, turn stops, idler arms?</p>		

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<p>3. Damaged steering pump assemblies, mounting hardware or out of alignment pulleys? 4. Excessive wearing or out of aligned front tire, steering stop bolts missing? 5. Any above steering component that shows complete lack of lubrication?</p> <p>I. Hydraulic System</p> <ol style="list-style-type: none"> 1. Contaminated oil? 2. Damaged valves of control assemblies, leaking or damaged high pressure oil line or fittings? 3. Is engine RPM for prescribed load reached and maintained? 4. PTO pump assembly mounting hardware missing or damaged? <p>J. Compressed Air System</p> <ol style="list-style-type: none"> 1. Any air leak found? 2. Evaporator system or dryer system damaged or unserviceable? 3. Excessive water found in vent system? 4. Any tank or line system drain valves or drain cocks found unserviceable or damaged? <p>K. Service Brakes</p> <ol style="list-style-type: none"> 1. Any brake fluid or failsafe air leak found during braking application? 2. Excessive play found during braking applications? 3. Failed brake test IAW UR REG 750-1 SUPP #1? 4. Is vehicle brake tested after any major brake repairs or adjustment IAW UR REG 750-1 SUPP #1? 5. Contaminated brake fluid (vehicle or trailer)? 6. Improperly routed or installed brake lines? 7. Loose brake calipers or brake chambers? <p>L. Parking Brakes</p> <ol style="list-style-type: none"> 1. Brake will not adjust or frozen (trailers)? 2. Brake indicators inop or will not come on? 3. Park brake cables not lubricated or not secured or clamped properly? <p>M. Transfer, Differential and Transmission</p> <ol style="list-style-type: none"> 1. Any linkage that binds or missing components? 2. Any mounting bolts or bushings unserviceable, loose or missing? 3. Any vents or breathers damaged or clogged? <p>N. Propeller Shafts and U Joints</p> <ol style="list-style-type: none"> 1. Lack of lubrication or missing or unserviceable grease fittings? 2. Excessive play or wear found in drive line components (U joints, halfshafts, carrier bearings, flanges, bolts) 3. U joint retaining caps loose or lock tabs not secure? <p>O. Axles, Wheels and Tires</p> <ol style="list-style-type: none"> 1. Axle flange bolts loose or one or more missing? 2. Excessive wearing (inner/outer), cupping on steering axle? 		

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<p>3. Rear dual tires improperly aligned or offset to allow operator to properly inflate inner wheel?</p> <p>4. Split rim wheel lock rings damaged?</p> <p>5. Spring shackles damage or cracked?</p> <p>6. Shock mounts loose or damaged?</p> <p>P. Do all oversize, repair and servicing vehicles have USAREUR lighting kits installed and operational, IAW UR 385-55?</p> <p>Q. Body and Frame</p> <ol style="list-style-type: none"> 1. Broken, cracked, twisted or damaged frame, loose or broken frame to bed mount bolts? 2. Loose or missing cab to frame bolts or mounts? 3. Loose or damaged cross members or control arms? 4. Fuel POD/tank mounts or supports missing, loose or damaged? <p>R. Winch, Hoist or Crane</p> <ol style="list-style-type: none"> 1. Missing inspection and load data? 2. Hoist drum or any gear drum oil level low? 3. Lack of lubrication of wire rope, turntable gear teeth? 4. Any wire rope found to be kinked, bent, frayed or otherwise not IAW vehicle technical manual or TB 43-0142? 5. Crane and snatch block hook safety latches found unserviceable or missing? 6. Missing or damaged winch cable clevis and pin? <p>Rating Standard - Wheeled Vehicles</p> <ul style="list-style-type: none"> • Commendable – 90% and above • Satisfactory – 70% - 89% • Needs Improvement – 69% and below <p>All questions unless otherwise noted will be 3 points each, this includes all safety non mission capable faults.</p>		

Inspector's comments mandatory for all "NO GO" items. (Attach additional sheets if necessary.)

NOTES:

VERIFICATION

X _____
Unit POC's Signature, Name Rank, Date

X _____
Inspector's Signature, Name Rank, Date