

11D PAM 1-201
COMMAND INSPECTION CHECKLIST

FUNCTIONAL AREA: Maintenance	CHAPTER: 12 SECTION: D	DATE OF REVISION: 1 SEP 02
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PROONENT/PHONE NO: G4 350-6657	PROGRAM/ACTIVITY/TOPIC (PAT) Tracked Vehicles	UNIT INSPECTED/DATE:
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ITEM	GO	NO-GO
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A. General

NOTE: See page 5 for determining Go/ No Go and scoring.

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)

- 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?
- f. Does operator have specific DA Form 5988E for all subsystems IAW DA PAM 700-138?

NOTE: Are the following special tests and inspections annotated on the DA Form 5988E?

- g. Antifreeze tested –50 IAW TB 750-651.
- h. Alkalinity tested, with strip color annotated in the remarks block, IAW TB 750-651.
- i. All annual load inspections for vehicles equipped with booms annotated IAW vehicle’s technical manual and TB 43-0142.

4. Safety

NOTE: The following questions reflect specific safety requirements IAW AR 385-55 for all tracked vehicles. (Each deficiency found that pertains to your type of equipment will result in a three point penalty per deficiency.)

- a. Are first aid kits and warning triangles present, complete, and serviceable?
- b. Are all vehicle exterior (Service and Blackout) lights serviceable and operating properly?
- c. Does vehicle have operational RAWLS light that is visible 360 degrees?
- d. Does vehicle have serviceable delineator plate IAW 11D REG 750-2?
- e. Are all restraint systems present and readily available; if equipped?
- f. Is horn operational; if equipped?
- g. Are all fluid levels within operating range and show no sign of contamination?

ITEM	GO	NO GO
<p>h. Are all electrical connectors tight IAW technical manuals?</p> <p>i. Are all cables free of exposed wires and connector ends protected?</p> <p>j. Are all battery retainers secure and mounting hardware present?</p> <p>k. Are there any loose or corroded battery cables or clamps?</p> <p>l. Is the personnel heater electrical cover installed?</p> <p>m. Is the fixed fire extinguisher mounting hardware present and secured?</p> <p>n. Is the vehicle lubricated IAW applicable Lubrication Order?</p> <p>o. Are there any broken lubrication components?</p> <p>p. Are there any instrument panel indicators inop?</p> <p>B. Specific. (Each deficiency found will result in a three-point penalty per deficiency.)</p> <p>1. M1A1 Main Battle Tank</p> <p>a. Air filter damp or show signs of moisture and precleaner has debris.</p> <p>b. Plenum seal loose or not seated.</p> <p>c. Recuperator exhaust duct bolts loose or missing.</p> <p>d. Any broken or loose traversing mechanism struts.</p> <p>e. Commander's arm guard or locking latch missing or inoperative.</p> <p>f. All vehicle wiring harness's clamped IAW the technical manual.</p> <p>g. Loose idler/roadwheel mounting nuts and washers.</p> <p>h. Any master caution lights remain on.</p> <p>i. Driver seat mount bolts loose or missing.</p> <p>j. Drivers periscope wipers inop or missing any hardware.</p> <p>k. Master warning lamp remains on after park brake is released</p> <p>l. Any fixed fire extinguisher bottle gauge doesn't reflect correct reading.</p> <p>m. Portable fire extinguisher depleted or head assy loose.</p> <p>n. Machine gun mounting pin missing or inoperative</p> <p>o. Any M240 MG missing or inoperative</p> <p>p. Any DIP, DMP, DAP, TCP, LP or GPS lamps inop or improper lens cover.</p> <p>q. EAPU will not start or does not charge vehicle batteries while running.</p> <p>r. Emergency fuel shutoff handle missing.</p> <p>s. Commander's weapon station will not traverse in power or manual mode.</p> <p>t. 50 cal mount will not elevate or depress or brass gears are worn enough to allow movement of MG mount.</p> <p>u. MRS lens cracked or no glow from reticle.</p> <p>v. Vehicle leans to one side or front squats lower than normal.</p> <p>w. Cannot secure grill doors in the closed position.</p> <p>x. Two or more back deck locking hooks or screws missing. Back deck not secured.</p> <p>y. Tow pintle seized or cotter pin missing.</p> <p>z. Electrical components or ground straps loose or missing hardware.</p> <p>aa. Loose support roller cap.</p> <p>bb. Drivers Hatch Interrupt inoperative.</p> <p>cc. Prime Power Interrupt is by-passed.</p> <p>dd. 50% or more wear on any one roadwheel, excluding comp idler.</p>		

ITEM	GO	NO GO
<p>2. M2A2/M3A2 Bradley Fighting Vehicle (ODS)</p> <ul style="list-style-type: none"> a. Steering linkage loose or missing mounting hardware. b. Right angle drive propeller shaft cage or pin missing or not mounted. c. Drivers seat mounting hardware loose or missing. d. Roadwheel or Idler wheel mounting hardware loose or missing. e. Fuel pumps inoperative. f. Any hull drain plugs or access covers missing. g. Drivers night vision periscope inoperative or mounting hardware missing. h. 7.62mm COAX MG or mounts are missing, damaged, or unserviceable. i. 25mm Gun Cover is missing or damaged. j. Battery cables loose or unserviceable. k. Seat belts missing or damaged. <p>3. M60 Series Vehicles (AVLB)</p> <ul style="list-style-type: none"> a. Transmission gear selector binding or does not lock in park (park brake applied). b. Any light source missing. c. Steering or shifting linkage loose or damaged. d. Any universal joint bolts loose, missing, or not laced. <p>4. Bridge Scissoring (Span)</p> <ul style="list-style-type: none"> a. Hydraulic quick disconnect(s) or cylinder leaking or damaged. b. Side rails missing or damaged. c. Tie rods bent, damaged, or missing hardware. d. Any frame supports damaged or any one rivet missing. <p>5. M109A6 Paladin</p> <ul style="list-style-type: none"> a. Master warning light inoperative. b. Cab turret lock will not secure cab. c. Bustle rack missing wire ropes and retainers. d. Torque key not laced or bolts missing. e. Starter override switch taped or disconnected. f. Segment boards dirty. g. External rear power hookup shows signs of arcing/burns. h. Traverse limit valve bypass. i. Final drive quick disconnect safety wires. j. AFES is operational. k. Generator belt is serviceable. <p>6. M992</p> <ul style="list-style-type: none"> a. Auxiliary power unit does not start. b. Battery voltmeter does not charge in the green zone with APU running. c. Master warning light inoperative. d. Surge tank and fittings missing, broken, or plugged. e. Engine compartment manual discharge halon bottles safety pin still emplaced. f. Final drive quick disconnect safety wires. g. AFES is operational. h. Shock absorbers are present and serviceable. 		

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<p>7. M113A3 / M1064A3 & M548A3</p> <ul style="list-style-type: none"> a. Transmission low oil lamp does not come on with master power on, engine shut down and brakes released. b. Air box heater inoperative. c. Air restriction indicator hose loose or not mounted. d. Any belt loose or out of adjustment. e. Any incorrect bolt or washer on any propeller shaft. f. Any engine compartment pulley assy damaged or mounting hardware loose. g. Any play in buffer recoil mechanism (M190/M191) mortar mount. h. Any stops missing from mortar turntable (M1064) i. Hatch safety pins missing or unserviceable j. Fuel pressure switch connected properly <p>8. M9</p> <ul style="list-style-type: none"> a. Inside final drive mounting bolts loose. b. Any loose sprocket mounting bolt or broken bolt. c. Any arm assembly loose. d. Rear doors won't secure open or closed. e. Fixed fire extinguisher not properly laced. <p>9. M113A2 Family (M577A2, M1059, and M981A2)</p> <ul style="list-style-type: none"> a. Airbox heater inoperative. b. Air restriction indicator hose loose or not mounted. c. Any incorrect bolt or washer on any propeller shaft. d. Any generator pulley mounts loose or missing mounting hardware. e. Any belts loose or out of adjustment. f. 4.2 Generator set basket mount broken or missing hardware (M577A2). g. Fuel pressure switch connected properly <p>10. M88A1 Recovery</p> <ul style="list-style-type: none"> a. PTO shaft bolts loose or missing. b. Voltage regulator mounting hardware loose, missing, or damaged. c. Engine mechanical warning horn inoperative. d. Shocks or mounting hardware loose, missing, or damaged. e. Any loose or missing end connector wedge bolts. f. Fixed fire extinguisher hydrostatic date exceeds 5 years. g. Generator blower hose has loose or missing clamps. h. Air cleaner restriction gage hose loose or damaged. i. Air cleaner housing or intake hose clamps loose or missing. j. Any loose roadwheel mounting nuts. k. Tow pintle cotter pin missing. l. Track pads worn. m. Is next load test stenciled on boom <p>11. Trailers towed by tracked vehicles</p> <ul style="list-style-type: none"> a. Landing leg inoperative. b. Hand brake handles will not adjust. c. Any one lugnut or stud, loose missing, or broken. d. Trailer not stenciled "TOW BY TRACKED VEHICLE ONLY." 		

Rating Standard – Tracked vehicles

- Commendable – 90% and above
- Satisfactory – 70% – 89%
- Needs Improvement – 69% and below

1. *When determining whether an area receives a Go or No Go: Compile data from DA Form 5988Es (for that particular question) and if that specific area's total is less than 70% that area receives a No-Go.*
2. *While conducting inspection any vehicle that has an NMC fault (IAW –10 or –20 manual) without a corrective action that vehicle will receive a score no higher than 69%.*
3. *There will be a three point penalty for any additional safety or NMC deficiencies not annotated on DA Form 5988E with corrective actions.*

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