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TECHNICAL INSPECTION M113

25 October 2006

On the 23 and 24 October 2006, APM DIESEL 1992 Inc. conducted a technical inspection of armoured vehicles in Farnham Quebec.

We inspected randomly 20 vehicles out of 450 in order to give us the general conditions of the fleet. The types of variant were as follow: M113 Troop carrier (9), M113 TOW prime mover (4), M113 Recovery (1), M113 Mobile repair with crane (2), M113 Dozer (2), M577 Command post (1) and M548 Cargo carrier(1).

Some of our findings are as follow:

- a. All batteries are low, however, at least 70% of the vehicles started up with a battery power boost. The remaining vehicles will require either repair or replacement of the starter or solenoid.
- b. All vehicles have some minor light and/or instrument panel issues such as: burned out lights on the gauges, tachometers, speedometers, drive light, black out marker, flasher, missing head light assembly and brackets, starter button missing, bad connections, broken lenses,
- c. At least 80% of the rear ramps function properly. The remaining rear ramps require repairs and/or may have nothing more than sticky hydraulic valves.
- d. All should be steam clean inside the engine compartment in order to identify potential oil leaks,
- e. 40% to 50% of the rubber shoe pads are worn,
- f. 10 to 15% of the end connectors have broken tips,
- g. 80% of the Pivot steering need to be bled or may require additional repairs,
- h. 80% have sufficient coolant levels;
- i. All of the fire suppression system need to be updated, some seals are missing and handles,
- j. 70% of the steering tiller bar have to be adjusted,
- k. 70% of the decals are missing or unreadable,
- l. 90% require paint inside and outside
- m. 90% need seats either reinstalled properly or replaced ,
- n. All heaters have to be serviced,
- o. 60% to 70% of the periscopes need repairs or replacement.



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- p. 10% of the vehicles running the load test was above 2000 rpm suspecting transmission slippage,
- q. 20% of the vehicles have add-on armour,
- r. All suspension seems correct except for the track adjustment,
- s. 50% of the Trim vane are worn or missing hardware,
- t. All oil levels are good except 60% of the fan gear box,
- u. All wire cutter are removed,
- v. 30% have sticky fuel shut off and throttle cable.
- w. 80% of the floor panels have to be reinstalled.

This report represent about 0.05% of the fleet of vehicles in Farnham. A more in depth inspection of each vehicle is recommended in order to establish a more accurate cost of repair.

This report is prepared to assist potential buyers, however, since the equipment is being sold as-is with no warranty, you must inspect the vehicles and determine your assessment of the condition.

If you required more information don't hesitate to contact me.

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