

PREFIRE CHECKLIST

INITIALS
GNR BC

BUMPER
NO. _____

DATE _____

GUNNER'S CHECKS

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Ensure that the 25-mm gun is clear. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Ensure that before-operation PMCS has been completed on the hull and the turret. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Ensure that the barrel is locked in (grab it and twist, remove the muzzle brake plug). |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Ensure that the receiver is locked in, and that the breech is properly lubricated. |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Ensure that the bolt and track are lubricated, and that the track hook latch is locked. |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Ensure that the bolt is locked in sear. |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Ensure that the manual SAFE is on. |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Verify the timing and install the feeder. |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Ensure that the BPI is locked in sear. |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Ensure that the straight drive shaft is locked in. |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Ensure that the power cable is properly attached and securely fastened. |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Ensure that the feeder handle locks in place without resistance. |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Ensure that the AP and HE feed and link-eject chutes are secure (front, back, top and bottom) |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Ensure that the sear retractor is in the outmost position (flush with receiver). |
| <input type="checkbox"/> | <input type="checkbox"/> | 15. Ensure that the feed shaft stops neither protrude nor bend. |
| <input type="checkbox"/> | <input type="checkbox"/> | 16. Ensure that the feed-select solenoid operates manually. |
| <input type="checkbox"/> | <input type="checkbox"/> | 17. Manually cycle the 25-mm gun in AP and HE. |
| <input type="checkbox"/> | <input type="checkbox"/> | 18. Ensure that the feed-select solenoid operates properly in power mode (select AP and HE SS, LO, HI). |
| <input type="checkbox"/> | <input type="checkbox"/> | 19. Power cycle the 25-mm gun in AP and HE. Use the gunner's, BC's, and manual handwheel triggers.
Ensures that the gun fan activates when you squeeze each trigger. |
| <input type="checkbox"/> | <input type="checkbox"/> | 20. Manually check the turret's ability to elevate, depress, and traverse. |
| <input type="checkbox"/> | <input type="checkbox"/> | 21. Elevate and traverse the gun. Traverse the turret 360 degrees in normal and fast turret modes. |
| <input type="checkbox"/> | <input type="checkbox"/> | 22. Raise and lower the TOW launcher. Ensure that the launcher elevates and depresses properly. |
| <input type="checkbox"/> | <input type="checkbox"/> | 23. Ensure that the ISU operates properly:
a. Clean the optics (the eyepieces and outside lenses).
b. Ensure that the correct reticle appears when you select AP, HE, TOW, and the coax.
c. Ensure that the superelevation changes as you rotate the range-select knob.
d. Ensure that the ammunition and range settings are correct.
e. Ensure that you can focus the thermal sight in high magnification.
f. Ensure that the defogger is operating. |
| <input type="checkbox"/> | <input type="checkbox"/> | 24. Ensure that you can null the drift out of the system. |
| <input type="checkbox"/> | <input type="checkbox"/> | 25. Boresight the 25-mm gun, the coax, the TOW, the auxiliary sight, and the laser range finder, as required. |
| <input type="checkbox"/> | <input type="checkbox"/> | 26. Ensure that the NBC system operates. |
| <input type="checkbox"/> | <input type="checkbox"/> | 27. Ensure that the 25-mm's ready boxes upload with no more than two rounds above the forwarder. |

BC'S CHECKS

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|--------------------------|---|
| <input type="checkbox"/> | 1. Ensure that the coax is clear and that the barrel is securely locked in the receiver. |
| <input type="checkbox"/> | 2. Ensure that the azimuth and elevation knobs turn freely. |
| <input type="checkbox"/> | 3. Install the coax. Ensure that it locks with the front and rear pins. |
| <input type="checkbox"/> | 4. Ensure that the coax feed chute fastens at both ends. |
| <input type="checkbox"/> | 5. Charge the coax. Check the chamber and manually ride the bolt forward. |
| <input type="checkbox"/> | 6. Power cycle the coax from the BC's, gunner's, and manual handwheel triggers. |
| <input type="checkbox"/> | 7. Charge the coax ready box and place it on SAFE. |
| <input type="checkbox"/> | 8. Ensure that the coax ready box is on board. |
| <input type="checkbox"/> | 9. Check communications.
a. Ensure that the red, yellow, and green flags are on board.
b. Conduct radio checks:
• Administration net.
• Firing net. |

BC:
SIGN _____

GUNNER:
SIGN _____