

MODIFICATION OF ANTI-AIRCRAFT MISSILE COMBAT VEHICLE '9A33BM OSA' (SA-8)



The modification of Anti-Aircraft Missile Combat Vehicle '9A33BM OSA' (SA-8) enhanced detection capability in both radar and optoelectronic channels by improving air situation imaging on radar and visual information digital displays.

High level of masking (system passivation) is enabled by using an automatic target tracking system based on IR and TV imaging in a SEMI-AUTOMATIC working mode and TSC (automatic tracking in angular coordinates).

Enhanced ECCM capability in polar coordinates tracking systems by replacing error signal discriminator units with their digital signal processing equivalents.

Application of data acquisition system and monitoring system enables objective evaluation of crew operation and efficiency of tactical tasks. Additionally, combat vehicle capability to cooperate with a VBS system based Modified Training Simulator significantly improves the quality of training.

Modification of PRWB OSA-P includes implementation of the following items:

- » digital Plan Position Indicator OP81-16M-PM
- » error signal discriminator unit OO51-678-PM
- » data acquisition system DTAP02 and AV recording system
- » air conditioning system in crew compartment
- » additional connector panel for connection with training simulator

