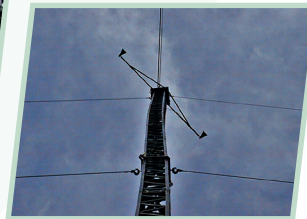


UPGRADE OF S-200 WEGA (SA-5) LONG RANGE ANTI AIRCRAFT MISSILE SYSTEM



EFFECTS OF UPGRADE

- » Full autonomy of combat groups operations.
- » Improved tactical and technical parameters, miniaturisation of elements.
- » Increased degree of automation of the combat group operations increased reliability.
- » Increased efficiency and better working conditions for operators.
- » Lower energy consumption of the system.
- » Elimination of approximately 5000 running meters of structural cabling.
- » Limiting the scope of necessary technical maintenance.

PURPOSE OF UPGRADE

- » Separation of a channel from the system as an independent long-range missile unit capable to act separately.
- » Improvement of command efficiency, improved fire control and combat group co-operation.
- » Improvement of operational, economic and operating properties.

OVERHAUL OF S-200WE FIRING CHANNEL PRIOR TO UPGRADE

Full overhaul:

- » K22M Distribution Cabin and 5Je97 Field Generator.
- » Transport trailers P1, P2, P3, P4 of the K1W Cabin equipment.
- » Subsets of cables: 5Je55W-G and 5Je55W-A, B.

Limited overhaul:

- » K1W Cabin – overhaul of 95% original assemblage.
- » K2W Cabin – overhaul of 20% original assemblage.
- » K3W Cabin – overhaul of 90% original assemblage.
- » Control Tower K7 – overhaul of 90% original assemblage.

As the command function is taken over by the K2 Cabin, the following elements were eliminated from the upgraded system:

- » K9M Command Cabin,
- » K21M Electrical Power Distribution Cabin,
- » subset of cables 5Je 55W-D,
- » subset of cables 5Je 55W-E.

AWARDS

DEFENDER Award granted in 2002 at the International Defense Industry Exhibition for the upgrade of the S-200WE Long Range Anti-Aircraft Missile System.