

Special-Force Short Range Air Defense System

Due to the recent advances in enemy threats against vital targets which impose the extreme need for highly mobile weaponry platforms. All along with need to upgrade Special Forces capabilities in dealing with such threats and similar non-classical situations, among of them is the airborne threat.

JELS has come out with this project to give an efficient product out of the available short-range air defense missile which can be used day and night in protecting very important targets while moving in convoys or in special maneuvers or deployment.

The proposed solution is to build a production line for a special-force short range defense system through which a complete integration is accomplished to lump up the Strella-10 launcher with any available military personal carrier and to utilize the accessible space inside the vehicle for command and control.

Main Components

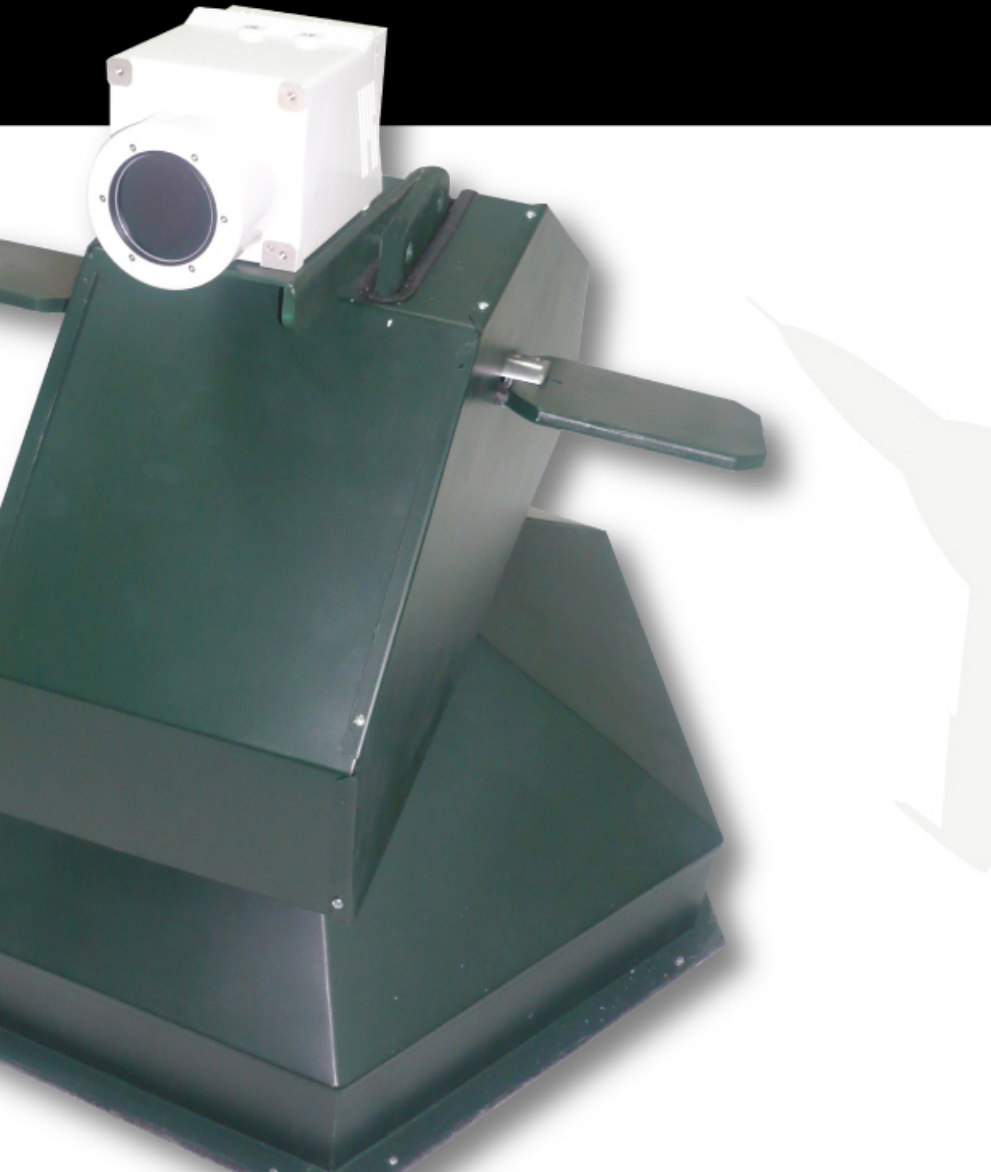
- 1- Base carrier.
- 2- The Strella-10 launcher.
- 3- The servo-mechanism (mechanical coupling and connection).
- 4- Electrical and electronic control chain.
- 5- Day and Night TV Tracking system.
- 6- Interior consoles and electronics for the Command & Control crew.
- 7- Communication and data transmission equipment.
- 8- Power supply system , including power generator.





Merits of the System

- 1 - Rendering fully passive air defense fire unit. This is in full contrast to the existing Stella-10 system which uses Interrogation phase in its target treatment, making it prone to anti-radar threats.
- 2 - Mobility on wheeled platform, which is much efficient and flexible for Special Forces needs.
- 3 - The system is readily integrable within modernized network-centric air defense system.
- 4 - Better range of detection, precision and speed of treatment with newly installed control and servo units.



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