

M60 TANK FIRE CONTROL SYSTEM





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M60 Tank Fire Control System is a Turkish National Fire Control System developed under the Project of FIRAT M60T Project with the capabilities of Turkish Defense System Industry. To improve the Survivability of M60 Tank, below system features are validated;

- Simplified System Architecture,
- High Resolution Thermal/Day Image,
- High First Shot Hit Probability
- Effective Fire Control functions in toughest air and land conditions while the tank is stable or mobile.

With this philosophy, in the designing of Fire Control System below distinguishing features are considered;

- Improved Fire Capability,
- Enhanced First Round Hit Probability,
- Minimum Dependent In The Procurement Of Units From Foreign Countries
- Effective Maintainability Through Life Cycle,
- Minimum Fault Rate and Maintenance Time,
- Reducing Logistic Support Requirement,
- Easy Operable and User Friendly,
- Decreasing Life Cycle Cost.

Capabilities of M60 Fire Control System

- Line-of-Sight and Line-of-Fire Stabilization In 2-axis,
- High Resolution Thermal Image,
- High Resolution TV Image,
- Eye-safe Laser Range Finder,
- Automatic Target Tracking On Thermal/TV Images,
- Built-in Ballistic Calculation Capability,
- Computer Controlled Fire Control Functions,
- Controlled by Commander and Gunner,
- Electrical Gun & Turret System,
- Sensitive Gun Control and Stabilization,
- Laying To Target Coordination By INS Data,
- Interoperability With Subsystems (SARP, TLWS, TEPEs)
- User Friendly With Enhanced Operator Interface.

