

PRECISION GUIDED MISSILES



SOM-J **STAND-OFF MISSILE**



SOM-J is an air-to-surface munition that has been developed for use against heavily defended land and naval targets, and that is mounted inside the aircraft/ below the wing.

The missile's modular design supports the operational flexibility of the missile. Built based on the existing SOM technologies that are already in service with the Turkish Air Force, SOM-J today provides enhanced capabilities. The long-range SOM-J is a cost-effective solution due to its reduced observability, among its other capabilities.

SYSTEM SPECIFICATIONS

Autonomous Use

Long Range

Low Radar Cross Section

Survivable

High-Precision Terminal Phase via Imaging Infrared Seeker [IIR] and Data Link

Operable in all Weather Conditions

Resistant to Countermeasures

Network-Enabled Weapon [NEW] Capability

Capable of Engaging Opportunity Targets

Selectable Impact Parameters

In-Flight Retargeting

Universal Armament Interface [UAI] Compatibility

TECHNICAL SPECIFICATIONS

Length	~ 3.9 m
Weight	~ 540 kg
Range	275 km [150 nmi]
Guidance	INS*/GPS**/TRN***/GRNS****/ATA*****
Warhead Type	High-Explosive Fragmentation, Armour Piercing
Warhead Weight	~140 kg
Seeker	IIR*****
Platforms	F-35 [JSF] F-16
Speed	High Subsonic

*INS	Inertial Navigation System
**GPS	Global Positioning System
***TRN	Terrain Relative Navigation
****IBN	Image-Based Navigation
*****ATA	Automatic Target Acquisition
*****IIR	Imaging Infra-Red

