

## İÇİNDEKİLER

Sıra	Yayın Tarihi	Yayın Adı	Başlık	Sayfa
61854532	01.08.2016	Defence Turkey	<a href="#">LOCKHEED MARTİN AND ROKETSAN JOİN FORCES</a>	1

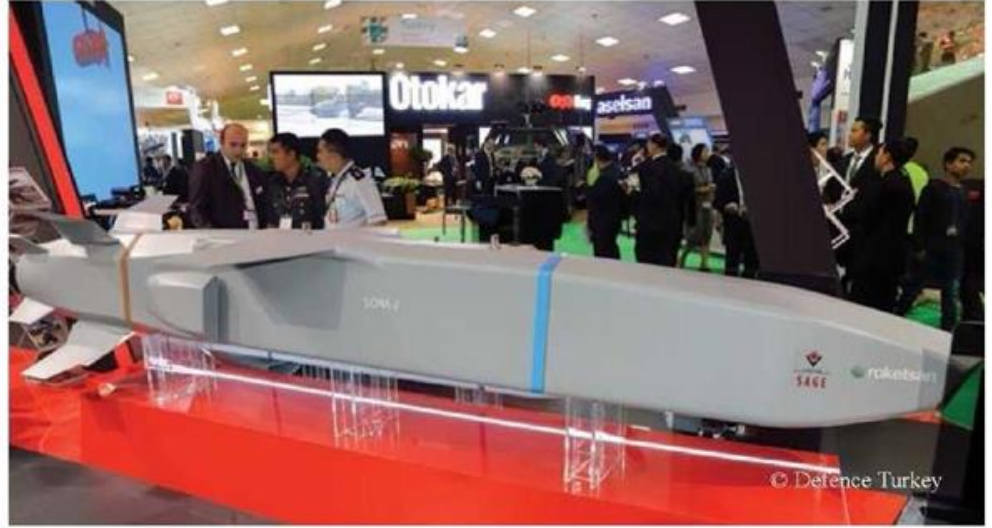
# Lockheed Martin and Roketsan Join Forces to Develop the SOM-J Missile for the F-35 Program

Lockheed Martin and Roketsan have signed a follow-on contract to finalize development of the Stand Off Missile-Joint Strike Fighter (SOM-J) cruise missile for the Turkish F-35 program at the Farnborough Air Show.

The SOM-J is a medium range, air-to-surface missile designed for use against heavily defended, high-value land and sea targets, such as surface-to-air missile sites, exposed aircraft, strategic assets, command and control centers, and naval vessels. The missile's modular design supports the required operational flexibility. SOM-J will carry a single 350-pound blast-fragmentation/semi-armour-piercing warhead and have a range exceeding 100 nautical miles.

The two companies announced their partnership on SOM-J initial development in August 2014. The Lockheed Martin/Roketsan team will co-develop and co-produce the SOM-J for F-35 internal bay applications, as well as for various fighter aircraft with smart weapon external carriage capabilities. The contract calls for the two companies to collaborate on final development, integration and test support, with qualification occurring in early 2018.

"We foresee that in the changing era of fighter aircrafts, the F-35 will



set a benchmark with the capabilities and technologies provided within. We provide SOM-J as a weapon of choice for the optimum solution for various missions by enhancing the precision strike capabilities and maintaining the survivability and manoeuvrability. Our partnership with Lockheed Martin will extend much further with the steps we take today" said Mr. Emin Alpman, Chairman of the Board at Roketsan.

"This partnership between Lockheed Martin and Roketsan will result in a highly effective weapon that will provide a valuable precision strike capability at stand-off ranges," said Mr. Frank St. John, vice president of Tactical Missile/Combat Maneuver Systems at Lockheed Martin Missiles and Fire

Control. "We expect this internal carry capability to appeal to not only F-35 customers, but also as an external carry weapon for other aircraft."

The SOM-J provides enhanced capabilities by building on existing SOM air-to-surface cruise missile technologies already in service with the Turkish Air Force. The SOM-J missile uses Global Positioning System as its primary guidance and is aided by inertial, terrain-referenced and image-based navigation systems, as well as an imaging infrared seeker. The SOM-J complements long-range weapon systems like Lockheed Martin's Joint Air-to-Surface Standoff Missile (JASSM) and the Long Range Anti-Ship Missile (LRASM).