



## Continued: Iran Improves its UAV Technology

**Source:** “Nemoneh Irani pahpad MQM 107 Amrika-e ra beshnaseed/Artesh mojehez beh een 4 pahpad tehjmeh shod + ax (See the Iranian copy of the U.S. MQM 107 UAV – Army equipped with 4 aggressive UAVs + photos),” *Khabar Online*, 19 April 2020. <https://www.khabaronline.ir/news/1379562/زه-م-ش-تر-ادی-س-ان-ش-ب-ار-ا-ک-ی-ر-م-آ-DB%B07%1-م-ا-و-ی-ک-م-ا-د-ی-ه-پ-ی-ن-ا-ر-ی-ا-ه-ن-م-ن>

### **Atlas UAV**

The drone, which is actually an optimized version of the Ababil 3 drone, was a new drone that was delivered to the Army Air Force. The main structure of this drone is similar to Ababil 3, but changes have been made in some parameters of this drone. The first change that can be seen is the different design of the UAV's landing gear compared to Ababil 3.

The UAV's front landing gear uses hydraulic technology, and its rear-wheel drive vehicles have undergone changes to improve the drone's taxi ride on the runway.

In the fuselage, the drone is equipped with bomb-laying pylons under its wings so that it can carry vertical series bombs. Therefore, the structure of the atlas body is strengthened.

The Atlas is also equipped with a laser sensor under the fuselage to use the automatic landing and take-off system, which helps the drone detect the exact location of the landing runway.

### **Jet Naseh UAV**

Jet Naseh is modeled after the U.S. MQM 107 and has a flight duration of less than an hour, speed of Mach 0.7, and recovered by a parachute. The jet engine is the Tolo 4 mini-jet engine.



Tasnim News Agency.

Source: Tasnim News Agency, <https://www.tasnimnews.com/fa/news/1399/01/30/2245982/ت-ا-ه-ا-و-ه-پ-ا-و-ه-ی-ل-ی-و-ح-ت/2245982>