

Aero

L-39
SKYFOX

Drone Hunter



L-39 Skyfox as a Drone Hunter Optimized for Counter-UAS Missions

The Aero L-39 Skyfox is a modern training and multirole aircraft with open architecture, enabling rapid integration of sensors and weapons while retaining low operating costs and training capabilities

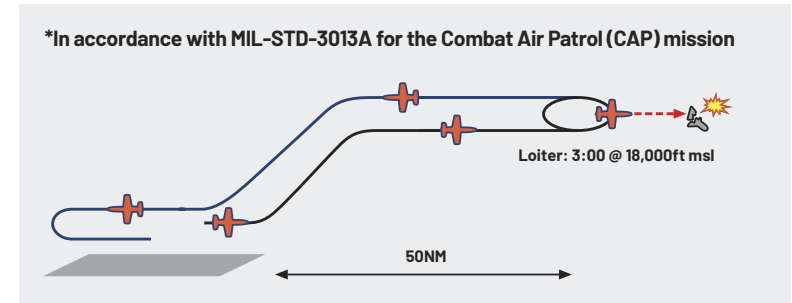
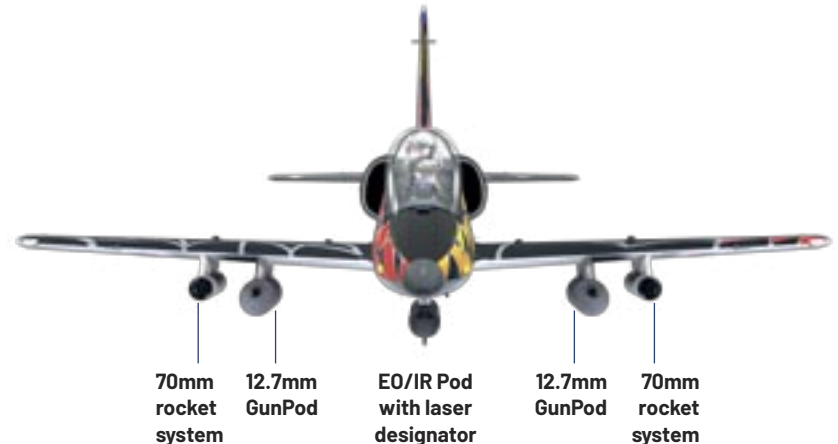
Key factors:

- ▶ Efficient multirole platform – **training & drone hunter**
- ▶ Very **low operational cost** (less than 2000 €/FLH)
- ▶ **Faster response time** (~13 min) outperforming helicopters and turboprops*
- ▶ **Extended endurance capability** (4 h 45 min) and loiter time (3 h+)*
- ▶ Use of civilian-based or dual-use components while minimizing controlled (licensed) items
- ▶ Capability to operate from **unpaved runways** to expand response network
- ▶ Optimized for **Counter-UAS missions** (NATO Class II & III)
- ▶ Integration of cost-effective **US- and EU-origin weapons** for drone countermeasures, including 70mm laser-guided rockets or a 12.7mm gun pod
- ▶ The weaponized version **fully retains all training capabilities** for 4th and 5th generation fighters, including LVC (Live Virtual Constructive) capabilities

Mission Systems

Available for integration based on customer requirements:

- ▶ Secure encrypted voice communication system
- ▶ Identification Friend or Foe (IFF) transponder (Mode 5)
- ▶ Link 16 tactical datalink capability
- ▶ EO/IR sensor with laser designator



C-UAS Engagement Chain

- ▶ **Detection:** External / ground-based sensors (RAP - Recognized Air Picture) and/or onboard EO/IR
- ▶ **Identification:** IFF interrogation and EO/IR confirmation
- ▶ **Tracking:** Datalink and onboard sensors correlation
- ▶ **Fire Control Solution:** EO/IR target lock with integrated weapon solution
- ▶ **Engagement:** Laser-guided rockets



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