

Aero



L-39 SkyFOX

The world's most successful
subsonic jet training aircraft
engineered for the 21st century

SMART

A newly designed and developed aircraft, using modern materials and technologies whilst maintaining all the great characteristics of its predecessor, the legendary L-39.

VERSATILE

A universal subsonic jet platform able to integrate a wide range of subsystems and payloads to effectively perform a multitude of aerial missions, with minimum adjustments needed.

EFFICIENT

The most cost-effective platform to acquire, operate, maintain and continuously upgrade, in its class.

RELIABLE

Intuitive controls, durable airframe, predictable flight characteristics and commercial off-the-shelf components mean that as a pilot and as an operator, you can rely on the aircraft to deliver.

L-39 SKYFOX USERS



L-39 LEGACY USERS



and many more all over the world



Aero

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L-39 SKYFOX

MEET THE SMARTEST L-39 EVER MADE

The L-39 Skyfox is a light aircraft designed for maximum efficiency and mission effectiveness. The airframe design is based on a proven, low wing philosophy with engineering improvements employed to create a light but rugged airframe highly resistant to FOD. The aircraft is powered by a new FJ-44-4M Williams engine providing better handling at best-in-class flight hour cost. The L-39 Skyfox features a full glass cockpit with modern, digital avionics and the option to display both western and eastern symbology. Pilot safety is enhanced through highly resistant canopy and the use of Martin Baker Mk. 16CZ 0-0 ejection seat. Four underwing pylons and one center pylon allows for the fitting of a wide range of sensors and payloads. Full certification in accordance with EU/NATO regulations was achieved and the L-39 Skyfox has entered service with its first customers.



PERFORMANCE DATA

Empty weight	3,280 kg
Maximum take-off weight up to	5,600 kg
Internal fuel capacity	1,150 kg
External fuel tanks capacity	570 kg
Maximum speed	490 KCAS
Load factor (G)	+8/-4G
Max range clean	1,060 NM
Max endurance / w external fuel tanks	4h 45m
Max airframe service life	15,000 FH



L-39 SKYFOX

COMPREHENSIVE TRAINING SYSTEM

- Modern training system for 4th and 5th generation aircraft (Gripen, F-16, F-35, SU-27, SU-30 and others)
- Training capability from basic training through to LIFT
- Option to display both western and eastern fighter symbology allows true training versatility
- Extremely safe and reliable platform designed for the student pilot
- Best-in-class acquisition and life-cycle costs
- Relentless focus on live flight training to achieve unprecedented pilot airmanship before proceeding to tactical combat procedures
- On-board virtual training system for complex training procedures
- Comprehensive ground-based training system consisting of desktop trainers, cockpit procedure trainers, flight devices and state-of-the-art full mission simulators
- Simulator suite accompanied by learning management system and mission planning and debriefing system to optimize pilot training path
- Ability to interconnect simulators with live aircraft to create a true LVC environment

TACTICAL MISSIONS AIRCRAFT

- Light and agile platform with superior flight endurance, speed and operational flexibility than turboprop aircraft
- Fully capable to operate from paved and unpaved surfaces with minimum required support
- Five hard points for a variety of unguided and guided weapons and payloads, with very fast exchange times
- Ideal for close air support and air-to-air / air-to-ground attack missions in remote areas
- Cost effective against slow and low-moving targets like drones
- Advanced sensors enable reconnaissance, border patrolling and electronic warfare missions