

A high-angle, low-altitude photograph of an Aero L-39NG aircraft in flight. The aircraft is a light grey and blue color with a dark blue canopy. It is flying over a landscape of rolling hills and mountains, with a layer of white clouds below. The aircraft is positioned on the left side of the frame, angled towards the right. The background is a clear blue sky with scattered white clouds. A dark blue diagonal graphic element is present on the right side of the image, containing text.

Aero

L-39NG

TRAINING – LIGHT ATTACK – RECONNAISSANCE

**New generation of
the world's most successful
subsonic jet aircraft**

Art of jet flying

BRAND NEW

A newly designed and developed aircraft, using modern materials and technologies but 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 off-the-shelf components mean that as a pilot and as an operator, you can rely on the aircraft to deliver.

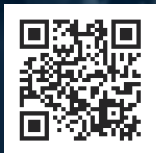
Current Customers L-39NG



L-39 Modernization & Support



and many more all over the world



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L-39NG TECHNICAL HIGHLIGHTS

Proven low-wing design with excellent flight performance

Full glass cockpit with modern avionics suite

FJ44-4M Williams International engine

Martin Baker Mk.16CZ zero-zero ejection seat

Five hard points for a variety of payloads



L-39NG MISSION CAPABILITIES

Flight and Tactical Training

- From Basic to LIFT pilot training
- Safe, durable and easy to fly platform
- Suitable for both western and eastern fighter platforms due to dual symbology

Light Attack Capability

- Five hard points for a variety of weapons and payloads
- Capable to carry both basic and smart weapons
- Air-to-air capability against slow and low moving targets
- Air-to-ground capability for close air support and asymmetric conflicts

Air Patrolling and Reconnaissance

- Advanced sensor payload integration (EO/IR, EW, Radar pods)
- Unmatched endurance and operational range
- Full support of FAC/JTAC through laser designation

COMPLETE TRAINING SYSTEM

The L-39NG is delivered with a full suite of live, virtual and constructive technologies, which allow pilots to easily train for the most complex flight and tactical training scenarios. An on-board Integrated Training System (ITS) utilizes a virtual radar to create and simulate a wide range of missions, while a high-speed detailink allows for multiple networked aircraft to be brought together adding diversity and a further degree of complexity. The ITS can be interconnected with a full suite of ground-based training systems, ranging from desktop trainers to fully certified, full mission simulators with virtual and mixed reality implementation. Learning management systems and mission planning, debriefing and evaluation systems automatically optimizes the training content to suit each student pilot.

With these systems, jet fighter pilots are able to train for an endless amount of training scenarios, significantly increasing training versatility and effectiveness while reducing the cost, decreasing the training risks and reducing the demand for airspace.

Both western & eastern set-up

Fully certified in accordance with EU/NATO regulations

The most cost-effective aircraft in its class

Comprehensive customer support & services

Performance data

Empty weight	7,231 lb
Max takeoff weight	12,346 lb
Service life	15,000 flight hours
Max fuel, internal	2,536 lb
Max level speed	490 KCAS
Range, internal fuel	1,025 NM
Endurance	3h 45 min
Max thrust	3,791 lbf
Max G-load limits	+8/-4G