

INTERNATIONAL FLIGHT TRAINING SCHOOL

The *next* level of
training excellence
for **Military** pilots



AERONAUTICA MILITARE

Powered by  **LEONARDO**

in collaboration with



INTERNATIONAL FLIGHT TRAINING SCHOOL *for military pilots*



The Italian Air Force's world-renowned excellence in flight training along with Leonardo and CAE's leadership in delivering proven integrated training solutions, come together to create the **International Training Flight School (IFTS)**.

The IFTS is set to become the **international benchmark for advanced pilot training**, starting with **Phase IV** (Advanced/Lead-In Fighter Training). The world's only comprehensive Lead-In Fighter Training (LIFT) syllabus, offered by IFTS and developed by Italian Air Force (ItAF), delivers tactical training that emphasizes the higher systems management proficiency required by intense data processing of 4th and 5th generation fighters, enabling higher situational awareness. Legacy LIFT programmes cannot meet this requirement.

The **Italian Air Force (ItAF)** brings to the new IFTS its **longstanding expertise**, while Leonardo brings its **proven M-346 advanced jet trainer** and, in collaboration with CAE, a state-of-the-art **Ground Based Training System (GBTS)**.

The IFTS offers **customised teaching modules**, compliant with the syllabus of partner air forces, including its basic training, to support the student pilot in achieving the desired proficiency and output standard, thus further enabling the **download of training from the Operational Conversion Unit (OCU)** to save time and valuable resources, while delivering better-prepared and safer pilots.

The IFTS brings to the student pilots:

- International instructor pilots selected by **ItAF**
- **“Train As You Fight”** imprinted on the training programme by ItAF thanks to the large ranging experience acquired in decades of training national and international combat pilots
- Stringent pilot qualification process to achieve the highest levels of training required to master every **4th-5th generation fighter aircraft**
- **The M-346 world's current leading advanced trainer aircraft**
- On-board **Embedded Tactical Training System (ETTS)** suite for the highest teaching effectiveness
- An advanced **Ground Based Training System (GBTS)** by Leonardo and CAE with full state-of-art training devices, including Full Mission Simulators and Leonardo's proven and innovative **Live, Virtual, Constructive (LVC) environment** for maximum effectiveness and reduce costs.
- **CAE Medallion MR e-Series Visual System** 360-degree dome display delivering the industry's most immersive fast-jet training environment
- Highly modern **dedicated infrastructures** to guarantee students **top level** facilities
- Full **24/7 on-site operational support** for aircraft and simulators
- Dual runway air base, live range, large and diversified training air spaces, ideal for every fighter training scenario, predictable weather
- Dedicated brand-new **“Air Training Campus”** tailored around student's needs
- **Standardization** according to **international** recognized **models**
- **International context**, with unique opportunities for **cultural exchanges**
- **Competitive cost effectiveness** vs other western schools



M-346 AJT Characteristics

Performance

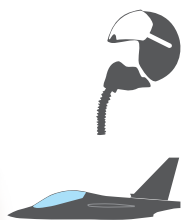
| | |
|----------------------------------------|-------------------|
| Max level speed | 590 KTAS |
| Limit speed | 572 KEAS / 1.2 MN |
| Rate of climb | 22,000 ft/min |
| Service ceiling | 45,000 ft |
| Limit load factors | +8 / -3g |
| Ferry range, 10% reserve, 3 ext. tanks | 1,375 nm 2,550 km |

Powerplant

| | |
|-----------------------|-------------------------|
| Engines, turbofan | 2 Honeywell F124-GA-200 |
| Thrust, max, sls, ISA | 2x6, 280lb 2x2,850 kg |

Weights

| | |
|--------------------|------------------------|
| Take-off (clean) | 16,775 lb 7,600 kg |
| Take-off (maximum) | 21,165 lb (9,600 kg) |



50+ Trainees per year
(Phase IV)

22 M-346 AJT



40 Instructor Pilots