

# ADVANCED MASTER EXPERIMENTAL FLIGHT TEST ENGINEERING (IEVEX)



Niveau d'étude visé  
BAC +6



Diplôme  
Mastère spécialisé



Domaine(s) d'étude  
Ingénierie  
aéronautique et  
spatiale



Accessible en  
Formation  
continue



Établissements  
ISAE -  
SUPAERO

## Présentation



**The Advanced Master "Experimental Flight Test engineering" prepares experienced pilots and engineers already selected for EPNER Training program to design, execute and analyze flight tests of aircraft, equipment and airborne systems.**

## Objectifs

Under the aegis of the DGA, ISAE-SUPAERO and EPNER pooled their expertise to set up the first Master's degree in Flight Test Engineering for pilots and engineers generating synergies through their recognized aerospace teaching skills. EPNER is one of the leading Flight Test Schools in the world offering high-level courses for Flight Test Pilots and Flight Test Engineers. EPNER offers fixed wing and rotary wing courses for test pilots and engineers. ISAE-SUPAERO and EPNER together developed a comprehensive program integrating their competencies and existing courses to provide

EPNER flight test course participants with an ISAE-SUPAERO Master's degree Specialized in Experimental Flight Test Engineering in addition to the EPNER qualification.

The Experimental Flight Test Engineering Master is a 12-month course organized by ISAE-SUPAERO and EPNER aimed at providing both Governmental Organisations and Aircraft manufacturers with highly qualified test pilots and flight test engineers. Aware of the necessity to conduct the flight test program in close coordination between pilots and engineers, the original spirit of this program is to prepare pilots and engineers to work in integrated teams.

The objectives of the Master is to develop theoretical and applied skills for experienced pilots and engineers to prepare, implement and report on flight tests either for aircraft or complex embedded-systems, in the best safety conditions. After graduation, these skilled professionals are able to participate in civilian certification of new or modified aircraft, aircraft or equipment development programs, military acceptance programs, either fixed wing or rotary-wing.

## Admission

### Conditions d'admission

The applicants must hold the following degrees:

- \* A **Master's Degree** or an equivalent degree
- \* Or a **Bachelor's Degree** with at least 3 years of professional experience
- \* International degree equivalent to the aforementioned degrees.

For candidates who do not meet these conditions but can justify 5 years of significant professional experience, these programs can be accessed via the Validation of Professional and Personal Acquisitions - VAPP

**This program is only for admitted learners to the EPNER training program. Once admitted by EPNER, you can [contact us](#) in order to apply for the IEVEX Advanced Master with a specific application process**

## Et après...

### Insertion professionnelle

The Advanced Master intends to prepare skilled professionals, pilots or engineers as:

- \* Managers of flight tests implementation, flight envelop extension of aircraft or embedded-systems in close cooperation with design and development offices
- \* Managers of flight tests centers.

## Contact(s)

### Autres contacts

For more information, please visit the IEVEX Advanced Master [webpage](#)

If you have any question, please contact [info.exed@isae-superaero.fr](mailto:info.exed@isae-superaero.fr)

## Accessibilité des lieux et modalités d'enseignement aux étudiants en situation de handicap

The Advanced Master is accessible to persons with disabilities (PSH).

In the event that a learner is in a situation of disability, his or her needs (whatever they are educational, material, technical, human, etc.) are taken into account by the ISAE-SUPAERO's Disability Advisor. ISAE-SUPAERO provides the expertise, the tools, and the networks needed to facilitate the access to premises and resources, to prepare certifications and take examinations.

## Infos pratiques

### Établissement(s) partenaire(s)

École du Personnel Navigant d'Essais et de Réception

<https://www.epner.fr/>

### Lieu(x)

 Toulouse

### En savoir plus

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<https://www.isae-superaero.fr/en/academics/advanced-masters/programs/advanced-master-experimental-flight-test-engineering-ievex/>

# Programme

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## Organisation

Academic session consists of around 450h of ground and simulator courses, provided by ISAE-SUPAERO and EPNER's tenured professors and experts from industry bringing current knowledge and experience.

And around 110 flying hours on more than 20 airplanes for the fixedwing stream and 15 helicopters for the rotary-wing stream.

Throughout the program, students conduct professional theses, assessing aircraft or embedded-systems. These theses conclude with the submission of a report and an oral dissertation.