



# CERTIA

Centre d'Études et de Recherche pour les Techniques Industrielles Appliquées

**AIRBUS, SAFRAN, UTC, AIR FRANCE INDUSTRIES**

All these companies are relying in **CERTIA's** capabilities

*30<sup>th</sup> anniversary*  
Since 1987



*Concepteur et réalisateur de bancs d'essais  
pour l'aéronautique, l'automobile et la défense*



*Test rigs engineering  
for aerospace, automotive and defense industries*

CERTIA has been involved in the following programmes :

A320 ▲ A320 NEO ▲ A330 ▲ A330 NEO ▲ A350 XWB ▲ A340-600 ▲ A380  
B787 ▲ C919 ▲ CRJ100/200 ▲ EC175 ▲ F5X Learjet85 ▲ NH90 ▲ RRJ ▲ TIGRE  
Actuation 2015 ▲ ASTIB (CleanSky) ▲ MOET ▲ POA

CERTIA

5 rue des artisans ZA La Varenne 93160 Noisy le grand France  
Tel. : +33 1 43 00 90 20 Fax : +33 1 43 00 79 80 www.certia.fr E-mail : certia@certia.fr  
Sales dept. : L. Danjan, ldanjan@certia.fr, +33 6 59 81 29 74



www.certia.fr  
MAKING INNOVATIVE ENGINEERING DEPENDABLE

ACB

AIRBUS FRANCE

AIRBUS UK

AIRBUS HELICOPTERS

AIR ALGERIE

AIR FRANCE INDUSTRIES

CIRCOR FRANCE

CIRCOR MAROC

DEDIENNE AEROSPACE

SABCA

SAFRAN Aircraft Engines

SAFRAN CHINA

SAFRAN Electronics & Defense

SAFRAN Landing Systems

SAFRAN MEXICO

SAFRAN Nacelles

SAFRAN Nacelles MOROCCO

SAFRAN Transmission Systems

SAFRAN USA

UTAS GOODRICH

UTAS RATIER FIGEAC

ZODIAC AEROSPACE

Primary Flight Control Systems

HIGH LIFT

THSA

Thrust Reverser

Landing Gear

Braking System

Fuel System

Engines / Propeller

Accessory Gearboxes

Hydraulic actuators

Electric actuators

Injectors / fuel pumps

ATA 24

ATA 27

ATA 28

ATA 29

ATA 32

ATA 38

ATA 54

ATA 73

ATA 83

IRON BIRD

Tiger



Comac / C919



Airbus / A400M



**The CERTIA group (CERTIA, SHYMAT and CERTIA R&D) supplies high end test rigs solutions worldwide**

**Airbus Axxx,  
Boeing Dreamliner,  
Comac C919 ...**



**CERTIA** works with its customers throughout every development stages and during the all lifetime of their products.

**CERTIA** provides development and endurance test rigs, acceptance and validation test rigs and multi-purpose rigs for MRO.

CERTIA

**Established : 1987  
A private limited company**

CERTIA is an engineering company specialized in the design and production of test equipments for the aeronautical industry :

- Mechanical systems
- ATA 24 systems
- ATA 27 systems
- ATA 28 systems
- ATA 29 systems
- ATA 32 systems
- Engines / Propeller systems
- IRON BIRD

CERTIA, a cross-functional team:

- Project management
- Mechanical engineering
- Hydraulic engineering
- Electrical engineering
- Multiphysics modeling and simulation
- Software development
- Test facilities

CERTIA, a network of companies :

For its manufacturing processes, CERTIA has built up a large network of partner companies which includes a total of more than 200 highly specialized people.

Supported by three scientific laboratories, CERTIA has created a powerful R&D center. 10% of the annual sales turnover is invested in R&D.

*<< CERTIA is the first French SME to have introduced modeling and dynamic simulation into its aeronautical test rigs design process... >>*