



**WAR ECONOMY,
DECARBONIZATION,**

TURGIS & GAILLARD:
**HELPING YOU FACE THE
CHALLENGES OF TODAY
AND TOMORROW**

GROUP KEY FIGURES



2011



Work starts on Gerfaut and on MIGALe, a digital fire support land unit.

2015

Acquisition of SEFIAM, a company specializing in the design and manufacture of systems for aeronautics and defense. The group becomes a Tier 1 supplier to Dassault Aviation.

2017

Inauguration of Turgis & Gaillard India. Works starts on NITRATHE, an intelligence, surveillance and reconnaissance pod for A400M transport aircraft.

2016

Acquisition of Modelage Mécanique du Dauphiné (MMD).

The group becomes a Tier 1 supplier to Airbus.

Work starts on Sefiam 1602e, an electric, radio-controlled support system for combat aircraft.

2018

Diversification of our activities to include the maintenance of industrial and strategic infrastructures and Maintenance in Operational Condition.

2019

Development and sales agreement signed with Dassault Aviation for the Sefiam 1602e, and presentation at the Paris Air Show in Le Bourget.

2021

Our industrial maintenance activity begins to acquire decarbonization experience.

2020

Accredited to perform European Union Aviation Safety Agency (EASA) Part 145 aircraft maintenance.

Launch of military aircraft maintenance activities on Air Force DHC-6 Twin Otters.

Launch of our AAROK combat drone program.

2022

The group wins three strategic projects:

- MOC for the French Army's Pilatus PC-6 light transport aircraft.
- Maintenance of military bases in eastern France.
- Decarbonization of Verescence's glass bottle manufacturing site.



June 2023

Our AAROK combat drone prototype is launched at the Paris Air Show.



In 2011, Fanny Turgis and Patrick Gaillard invented the Gerfaut system and established an engineering design consultancy dedicated to its development.

By putting Rafale-guided munitions onto C-130 Hercules transport aircraft, Gerfaut—French for gyrfalcon — expertly meets the needs of fire support units deployed in the Sahelo-Saharan Strip. With its enhanced operational effectiveness, its streamlined costs and its optimized use of existing resources, Gerfaut perfectly encapsulates Turgis & Gaillard's approach.

In just twelve years, what started as a modest two-person firm has grown into a formidable group of 300 people. The Turgis & Gaillard Group is a strategic partner of the French Armed Forces and their allies and suppliers to the world's largest and most important companies in the aeronautics and defense sectors.

Our commitment

To understand the operational requirements of the French and allied armed forces, and to address these needs quickly, seamlessly and cost-effectively by leveraging cutting-edge technology and resources.

Our method

We prioritize architectural innovation over technological innovation. The French Defense Industrial and Technological Database, known by its French-language acronym BITD, has hundreds of subsystems that have already been funded, developed and accredited. We draw upon this vast reservoir of material assets to create highly tailored architectures.

By doing so, we actively contribute to the legacy of the French defense industry, renowned for its ability to produce ingenious designs and top-tier equipment despite limited resources allocated to research and development, acquisition and support.



MORE
THAN **€50**
MILLION

in turnover in 2022

300
**JOURNEYMEN,
TECHNICIANS
AND ENGINEERS**

9 SITES

in France

1

SITE

in India

1

OFFICE

at NATO headquarters

1

**DUAL
ACTIVITY**

as prime contractor and
maintenance expert

A DUAL ACTIVITY AS PRIME CONTRACTOR AND MAINTENANCE EXPERT

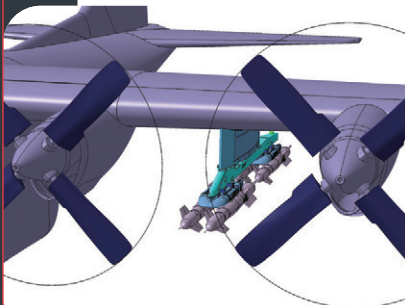


AS PRIME CONTRACTOR, WE CAN PRODUCE UNIT-SPECIFIC OR SMALL-SERIES SYSTEMS FOR ARMED FORCES

Turgis & Gaillard teams have meaningful expertise in program management and general architecture, as well as specialized technical knowledge in areas such as aerodynamics, mechanics, hydraulics and more. Additionally, we have proven mastery in handling regulatory matters concerning aircraft airworthiness, configuration management and other related concerns.

It is through this comprehensive and integrated know-how that Turgis & Gaillard teams can carry out ambitious programs in complete autonomy.

Some examples of projects that demonstrate our operational superiority in multi-domain combat systems:



GERFAUT

Our system for placing precision ammunition units under the wings of tactical transport aircraft, or in the hold.



MIGALe

Our fire support system enabling firing beyond direct sight lines, for units that are part of the French SCORPION modernization program.



NITRATHE

Our surveillance, reconnaissance, targeting and transmission system, located under the wing of tactical transport aircraft.



ODIN

Our airborne communication node, intended to connect the various French and allied data link standards and enable multi-domain operations (MDO).



AS MAINTENANCE EXPERTS, WE HAVE A COMPREHENSIVE PROFICIENCY IN THE THREE KEY DOMAINS OF THIS INDUSTRY:

MAINTENANCE IN OPERATIONAL CONDITION (MOC) AND
MODERNIZATION OF AIRCRAFT AND THEIR EQUIPMENT

RETROFIT AND SUPPORT OF VEHICLES, MACHINERY AND SHIPS

INSTALLATION, MAINTENANCE AND MODERNIZATION
OF LARGE INFRASTRUCTURES

Turgis & Gaillard teams can support customer in workshop facilities or in the field.

In the military sector, availability issues have become decisive, given the value of aircraft, armored vehicles and ships. The need to deploy them in large numbers to support allies and restrain competitors has further underscored their importance. Since 2018, Turgis & Gaillard has earned the trust of armed forces thanks to our unwavering commitment and reliability. Today, we are the trusted partner of units deployed in operations.

In the civil sector, Turgis & Gaillard specializes in strategic infrastructures that demand meticulous precision. Through our unwavering support for the most discerning clients, we have steadily expanded our expertise and expanded our offer. Today, the industry's focus on decarbonization gives us the opportunity to apply our skills by offering customers turnkey projects that aim to reduce their energy consumption and mitigate their polluting emissions.



A GROUP COMMITTED TO FOSTERING EMPLOYMENT OPPORTUNITIES AND SAFEGUARDING INDUSTRIAL EXPERTISE WITHIN FRANCE



Through our diverse subsidiaries, our Group actively contributes to the preservation of essential know-how and skills crucial or upholding French industrial sovereignty.





HEADQUARTERS OF THE TURGIS & GAILLARD GROUP

BLOIS AÉRO SERVICES

SEFIAM

MODELAGE MÉCANIQUE DU DAUPHINÉ (MMD)

ÉTABLISSEMENTS GRAFEUILLE

GAILLARD ASA

TURGIS & GAILLARD INDUSTRIE GRAND EST

TURGIS & GAILLARD INDUSTRIE BOURGOGNE

TURGIS & GAILLARD INDUSTRIE BRETAGNE

1 Neuilly-sur-Seine

2 Villefrancœur

3 Albaret Sainte-Marie

4 Echirolles

5 Rouillac 6 Briec

7 La Farlède

8 Saint-Dizier

9 Bretenière

10 Lorient

OUR SUBSIDIARIES



TURGIS & GAILLARD AEROSPACE

Design, production and maintenance capabilities in the ASD sector (Aeronautics, Space and Defense), in France and around the world:

SEFIAM

- Support resources and production tools for military aircraft (Rafale, Mirage 2000, A400M, Patroller, AAROK...) and civil aircraft (Falcon business jets).
- Specific projects for multi-domain combat operations (electronic warfare, communications, air defense...).
- Electronic equipment for aircraft flight controls and missile seekers.
- Tier 1 supplier to Dassault Aviation and Safran Electronics & Defense.



MODELAGE MÉCANIQUE DU DAUPHINÉ (MMD)

- Manufacture of aircraft parts in metal, composite materials or ceramic.
- Design and manufacture of production equipment (foundry molds, tools for composite draping, templates...).
- Production of one-off parts for special projects and obsolescence processing.
- Large-scale machining.





BLOIS AÉRO SERVICES

- Maintenance and modification of civil aircraft (Cessna Citation, Beechcraft King Air, Cessna Caravan, etc.) and military aircraft (DHC-6 Twin Otter and Pilatus PC-6).
- Maintenance of aircraft engines and equipment, installation and repair of avionics.
- Accredited for Part 145 (civil aircraft maintenance) and EMAR 145 (military aircraft maintenance).
- We can work on aircraft almost anywhere in the world.

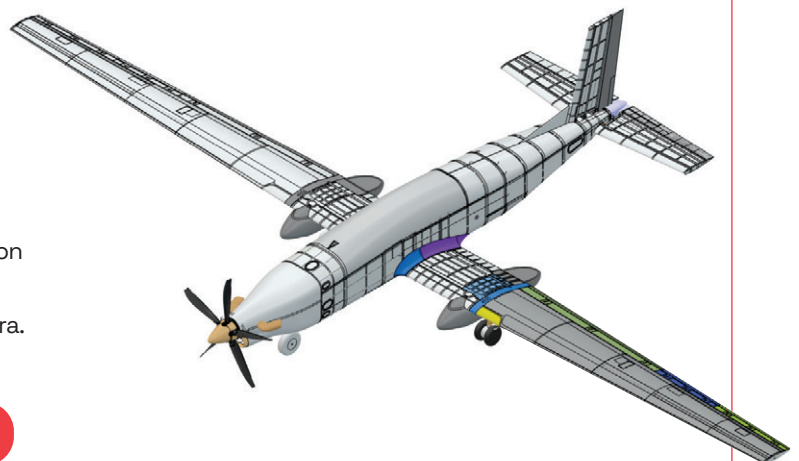


GAILLARD ASA

Design and manufacture of aircraft, aircraft modifications.

TURGIS & GAILLARD INDIA

- Creation of support systems and production tools for civil and military aircraft.
- Based in Nagpur, in the state of Maharashtra.



TURGIS & GAILLARD NATO SERVICES

Project management that meets the specific needs of NATO and Allied nations.

OUR SUBSIDIARIES



TURGIS & GAILLARD INDUSTRIE

Project management for installation, maintenance and modernization operations of large industrial infrastructures (nuclear power plants, petrochemical plants, refineries, forges, foundries...).

Major player in decarbonization (glass manufacturing, public facilities...).

Military base maintenance. Ship building and repair.

Turgis & Gaillard Industrie has four sites:

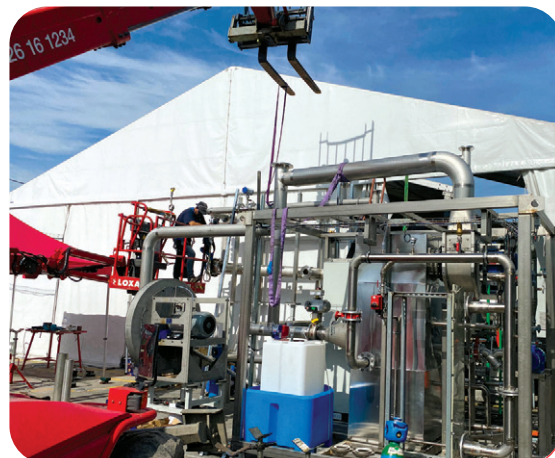


TURGIS & GAILLARD INDUSTRIE GRAND EST – SAINT-DIZIER

TURGIS & GAILLARD INDUSTRIE GRAND EST – POMPEY

TURGIS & GAILLARD INDUSTRIE BOURGOGNE – BRETENIÈRE

TURGIS & GAILLARD INDUSTRIE BRETAGNE – LORIENT





ETABLISSEMENTS GRAFFEUILLE

Experts in the design, modernization and repair of civilian and military engines and mechanical assemblies for armored vehicles, tactical trucks, industrial vehicles, generators, ships and more. Retrofit of armored vehicles and special vehicles.





TURGIS & GAILLARD

GROUPE

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