



FACTS

Alcoa Forged and Cast Products, located in Evron, France, is the leading manufacturer in Europe of aluminum investment castings for commercial and defense aerospace applications. It pioneered the development of the controlled solidification process known as "Sophia." This process enables the foundry to produce high-strength structural castings for the airframe, engine and automotive industries.

The work force specializes in castings of all sizes and complexities, and has unique capabilities for producing large, structural parts. Operating in Evron since 1977, the facility has 8,000 sq m (86,400 sq ft). The facility serves customers throughout Europe and Asia, and has a sales office in Nanterre (near Paris).

CONTACT INFORMATION:

Alcoa Forged and Cast Products

A division of Alcoa Power and Propulsion

Sales Office
Le Richelieu
21, rue des Trois Fontanot
F-92024 Nanterre Cedex
France

Tel 33 1 41 91 12 40
Fax 33 1 41 91 12 49

Contact:
Joël Miller
joel.miller@alcoa.com

Plant & Main Office
Zone de la Présale
B.P. 0230
53602 Evron Cedex
France

Tel 33 2 43 66 61 61
Fax 33 2 43 01 34 13

Contact:
Xavier Dumant – General Manager
xavier.dumant@alcoa.com

PRODUCTS

- Aircraft structural components
- Turbine engine parts
- Accessory gear boxes
- Electronic housings
- Automotive engine blocks

Alloys Poured

- E357.0, F357.0
- A357 + Cu, C355
- A224.0

Growth Areas

- Turbine engine parts
- Structural, airframe and missile castings
- Automotive engine parts

CAPABILITIES

Casting

- High-technology, aluminum-based
 - Sophia casting process for enhanced mechanical properties
- Maximum size: 175.26 cm (69 in)

Tooling

- On-site, integrated tool room

Machining

- Teaming with independent machining sources

Other on-site operations

- Heat treating of aluminum alloys, radiographic and liquid penetrant inspection, chemical analysis, mechanical testing, metallurgical laboratory, production and repair welding

Manufacturing Process

- Lost wax/investment casting
- Stereolithography

Engineering and Inspection

- Full layout department
- Coordinate measurement machine
- ISO9002 certified
- AS9100
- Fluorescent penetrant inspection (Nadcap)
- X-ray inspection (Nadcap)

CUSTOMERS

Evron Casting is an approved source for many customers, including:

- Airbus
- Dassault Aviation
- Eurocopter
- Ferrari
- Galileo Avionica s.p.a.
- Giat Industries
- Hispano-Suiza
- Renault Sport
- SAGEM
- Snecma
- Thales
- Toyota Sport
- Turbomeca
- EADS
(European Aeronautic Defense and Space Company)