

**INNOVATIVE. DEDICATED.
EFFICIENT.**

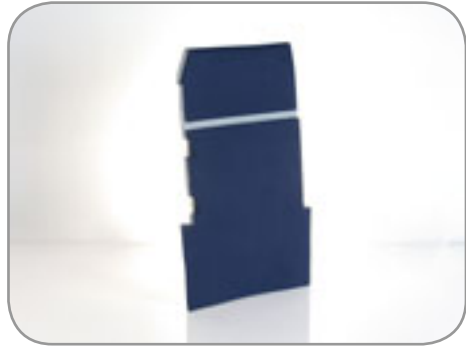


VAUTH Aviation Components is a manufacturer approved by the German Federal Aviation Office (LBA) under EASA 21G and supplies foam components to well-known seat manufacturers and airlines across the globe.



RELIABLE. CERTIFIED. APPROVED.



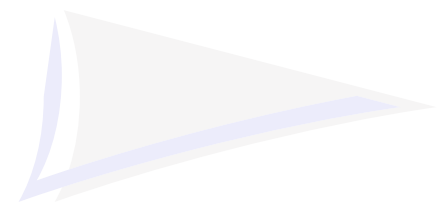


VAUTH Aviation Components holds all necessary certifications and approvals.

VAUTH Aviation Components is one of the first foam suppliers on the aviation market. **VAUTH** was the first manufacturer to develop and launch flame-retardant moulded foam parts. **VAUTH** foams satisfy all of the requirements in aviation and are adapted and advanced to meet constantly changing demands.

As a supplier to the aerospace industry, **VAUTH** Aviation Components is a member of Hanse-Aerospace e.V., an association of enterprises in the aerospace industry.

Today, **VAUTH** also holds certification under EN 9100, meets all aviation requirements under EASA 21G and is audited and certified accordingly by all of its clients.



RELIABLE. CERTIFIED. APPROVED.

KNOWLEDGE. EXPERIENCE. CAPABILITY.





VAUTH Aviation Components is the specialist in manufacturing flame-retardant PU foams.

Founded in 1967, the first flame-retardant foam was developed by **VAUTH** in 1970. The formulation for these special foams is known only to the company and is registered for patent.

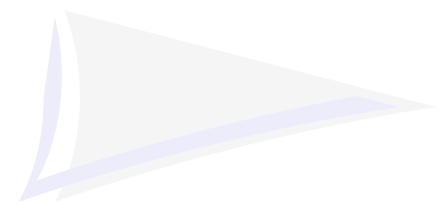
VAUTH flame-retardant PU foams are mainly used in aviation, public transport and stadiums. Wherever importance is attached to ergonomic seating and protection from toxic gases, smoke and flames in the event of a fire emergency.



PU foams are manufactured in compliance with FAA and EASA Airworthiness regulations for passenger, flight-attendant and pilot seats as well as armrests and mouldings from integral foam. Covers, plastic components and special customised assemblies are produced at the client's request. VIP furnishing and fittings components for airlines complement the product portfolio.

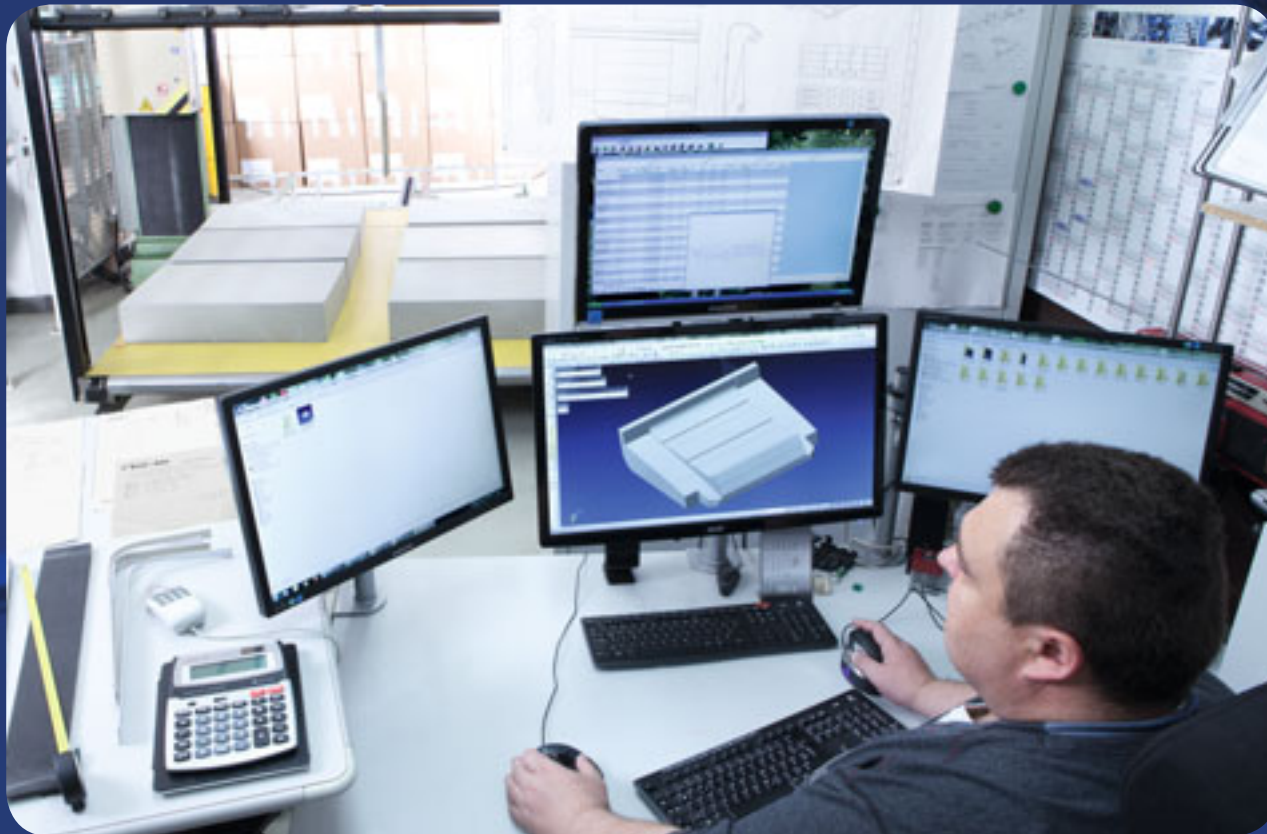


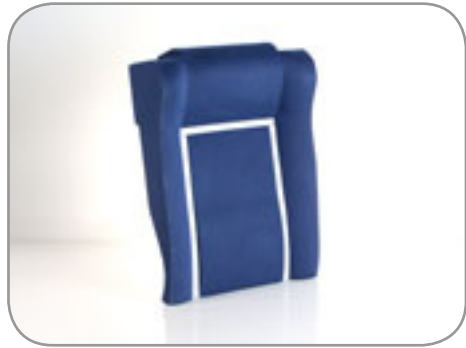
There is hardly an aircraft in the world that does not have at least one **VAUTH** component in it. **VAUTH** is the first-series and VIP furnishing and fittings manufacturer for many clients, seat manufacturers and airlines.



KNOWLEDGE. EXPERIENCE. CAPABILITY.

DEVELOPMENT. EVOLUTION. REALISATION.





Moulding ideas: Prototyping and tool making.

Every VAUTH moulding is unique. Each component is volume-manufactured solely on the basis of individual customer specifications.

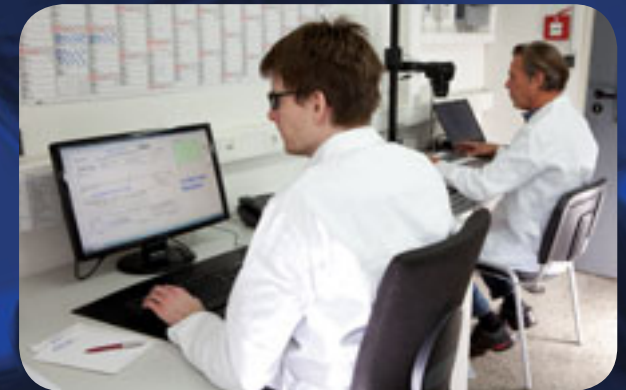
Sample moulds are measured manually, edge roundings determined, digitalised and prepared for designing the model moulds using modern CAD software. After creating the rough shape, edge roundings and fine details are modelled by hand. This permits greater precision in optimising moulds later on.

The tool is produced from the basic shape in conjunction with the CAD data. Tools are stored, serviced and optimised as necessary in the company's own metalworking shop.



DEVELOPMENT. EVOLUTION. REALISATION.

ANALYSING. TESTING. CERTIFYING.





VAUTH's own test laboratory issues test certificates for virtually any material in aviation.

In **VAUTH's** own test laboratory, certificates are made out and issued under FAA and EASA Airworthiness regulations. Each of the materials used in aircraft is tested in the **VAUTH** testing laboratory under these regulations with regard to combustibility, smoke formation, the release of toxic substances, hardness, load-bearing capacity and stress duration.

The expertise, particular speed and the accreditation of **VAUTH's** test laboratory have prompted many airlines, seat manufacturers and institutes to have their tests conducted here.



ANALYSING. TESTING. CERTIFYING.

AMBITION. QUALITY.
PERFECTION.





Component production: 100% inspection from casting to component assembly.

VAUTH Aviation Components manufactures flame-retardant foam components in compliance with FAA and EASA Airworthiness regulations from two different foam formulations:

- Low density foam for use with additional fire blocking layers
- Graphite composite foam for use without further fire blocking layers

Starting with entering the formulation parameters and checking the mixing ratio by computer to defining quantities and margins, the production process is performed by trained staff with 100% inspection. The same perfection also prevails in the further assembly and manual volume production of **VAUTH** components.

VAUTH components are used in passenger, pilot and flight-attendant seats. Mouldings are produced for monitor frames, telephone receivers, armrests and bumpers. Away from the aviation industry, **VAUTH** products are used as seat components in football stadiums or in public transport.

AMBITION. QUALITY. PERFECTION.

WE GIVE OUR BEST.



VAUTH Aviation Components GmbH & Co. KG
Hembser Straße 1 · D-33034 Brakel-Beller
Tel. +49 5272 3713-0 · Fax +49 5272 6671
info@vauth-aviation.de · www.vauth-aviation.de