AUTOFLUG

RESCUE & SAFETY AUTOFLUG RS

PROTECTION FOR PEOPLE AND EQUIPMENT

Focus is always on your safety and the mission

THINKING SAFETY

AUTOFLUG safeFLIGHT

– COMPREHENSIVE PROTECTIVE EQUIPMENT FOR THE FLYING PERSONNEL'S SAFETY

All the personal protective equipment from AUTOFLUG has one thing in common – the focus is always on people, their safety and survival. On land, at sea and in the air, they effectively protect, support and rescue aircraft and land vehicle pilots and crews in dangerous situations.

Our development and production teams are staffed by specialists who, as former members of the German Armed Forces, are well versed in customers' and users' complex needs and requirements.

This is the only way to create modular and mission-focused high-end solutions from practice for practice, which can be relied on at the crucial moment at any time.

AUTOFLUG helmets for flying personnel

High-performance G-protection clothing for flying under extreme conditions

Whether it's survival equipment, protective clothing systems or technical equipment for extra protection – our solutions are designed for tough practical use, making them suitable for worldwide use in climate zones all over the world.

For us, THINKING SAFETY does not only mean the direct protection of people. The safety of equipment during the flight is also of essential importance.

Martin Baker ejector seats

Rescue dinghy and personal survival pack (PSP) as bag and in the seat box version

The AUTOFLUG load securing systems are easy to use and certified according to ETSO or TSO specifications.

Our technical support will be happy to assist you in selecting and using the products. For long-term planning, we are also happy to guarantee the constant availability of materials.

Safety belt for military goods

THINKING SAFETY

OUR PRODUCTS SAVE, SUPPORT AND PROTECT PEOPLE AND EQUIPMENT

As a respected systems supplier for rescue and safety equipment, AUTOFLUG develops, produces and supports modular systems for the safe deployment and transport of people and equipment in military and civil applications.

We see ourselves as a system provider for rescue and safety equipment. For us, this means comprehensively supporting our customers even beyond the life cycle of our products.

THINKING SAFETY

AUTOFLUG TOXICSHIELD

– ABC protection redefined

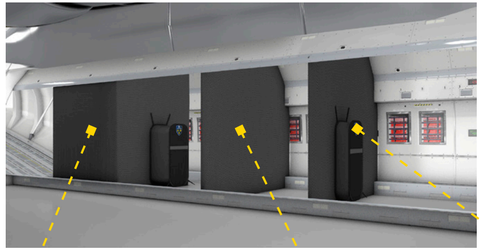
In light of the growing threats from chemical, biological and radioactive warfare agents, the call to protect the emergency services better is getting louder. The TOXICSHIELD development is based on an innovative material that fits the protection system closer to the wearer's body and thus significantly increases freedom of movement: A huge advantage especially with challenging missions.

The TOXICSHIELD fabric is not only used to produce protective suits for flying personnel, but also for the initial concepts for use as protection against contamination of equipment and the aircraft cabins themselves.

AUTOFLUG TOXICSHIELD
protective suits for flying personnel

SECURE SHIELDING

Individual partial sections in helicopter and aircraft cabins



Thanks to its special properties, AUTOFLUG TOXICSHIELD is also superbly suited to the safe shielding of partial sections in helicopter and aircraft cabins. Contamination zones can be quickly and easily installed within a cabin using partition walls or tent constructions. Fixing the structure to the aircraft is not necessary.

TEXTILE TENTS
Create a controlled contamination zone within the cabin.

TEXTILE PARTITION WALLS
Divide the cabin or cargo area into separately protected areas.

TEXTILE PARTITION WALLS WITH DOORS
Enable the safe shielding of individual areas with access.

TOXICSHIELD protective clothing

– KEY FACTS

- Optimized for the respective mission
- Compatible with existing clothing and equipment
- Application area: all climate zones
- Can be decontaminated, washed and recycled
- Light, anti-static and flame retardant material
- Perfect freedom of movement
- Sizes from 5 percentile to 95 percentile, female/male
- Can be used in rotary and fixed-wing aircraft with individual deployment configurations (e.g. NH90, H145M, CH-53, Tiger, A400M)
- Meets the requirements of AEP38, AEP73, STANAG 3943, ISO15025, AS861 and Ökotex 100
- In qualification and certification with the German armed forces

AUTOFLUG TOXICSHIELD combined with MULTIBASE

Speed is of ever-increasing importance in today's world, and the demands that different missions place on people and equipment are more diverse than ever. One major challenge today is the safe transport of patients under quarantine conditions, which has only been possible at extremely high cost up to now.

Safe shielding of individual areas in the aircraft is possible thanks to the combination of TOXICSHIELD with the AUTOFLUG MULTIBASE systems. Complete contamination of the cabin is prevented and the effort for quarantine transports is greatly reduced. This also ensures the faster availability of existing resources again.

AUTOFLUG TOXICSHIELD
as contamination prevention on MULTIBASE

READY FOR FUTURE PROGRAMS

The AUTOFLUG Rescue & Safety portfolio includes numerous products and system solutions for the protection of people and equipment. These are becoming increasingly important in the context of the current next-generation programs, such as FCAS and TEMPEST.

One of AUTOFLUG's strengths is the equipping of combat aircraft with a wide range of rescue and safety systems. In addition to ejection seat maintenance, this also includes pilot protection systems, NBC protection solutions, parachute systems and brake chutes or personal protection and survival equipment. The individually customized service concepts are also an important topic in this respect.

INNOVATIVE SOLUTIONS
FROM PERSONAL TO CARGO PARACHUTES
– AUTOFLUG safeCHUTE

AUTOFLUG manufactures a wide range of parachute systems. The portfolio ranges from rescue and personal parachutes, to airdrop and recovery systems, which are used for UAV/EVTOL, among other things, to drag parachutes, which are used as brake parachutes for multinational programs such as TORNADO and EUROFIGHTER.

More than 180 pilots from all nations participating in the program have already been able to rescue themselves to date using the rescue parachute systems manufactured by AUTOFLUG. This makes all our work worthwhile.

UAV EMERGENCY AND LANDING SYSTEM

AUTOFLUG develops, manufactures and maintains recovery parachutes and inflatable impact absorption systems for aircraft and UAS flight systems. The combination of both systems creates a steerable rescue system, which is ideal for small manned and unmanned aircraft.

DURACHUTE – personal rescue parachute

A400M airdrops

AIRDROP SYSTEMS

High payloads, reliability and an accurate, soft landing are just some of the most important requirements for an airdrop system. The various application possibilities are mainly in the field of humanitarian aid and the delivery of military goods to crisis areas.

With high payloads and the possibility of steering the parachute system by GPS signal, the airdrop systems are suitable for a wide range of transport aircraft.

MAINTENANCE AND SERVICING OF PARACHUTE SYSTEMS

AUTOFLUG has decades of experience in repairing and servicing a wide range of parachute systems, and packing parachutes is also one of AUTOFLUG's many areas of expertise.

Carrying out these kinds of services calls for the utmost care at all times and is also backed up by extensive multi-stage testing processes – because pilots and aircraft crews entrust their lives to our products in an emergency.

EUROFIGHTER during a landing with brake parachute

THINKING SAFETY

AUTOFLUG

PIONEER & DRIVER OF INNOVATION IN RESCUE AND SAFETY TECHNOLOGY

THINKING SAFETY – true to this motto, AUTOFLUG, a family company run by the third generation, has been a leading provider of products and services since the dawn of aviation, specifically focusing on rescuing people and ensuring their safety. As a globally recognized supplier and service partner of the international aviation industry and for defense technology, the company with roughly 250 employees develops, produces and services a wide range of textile, mechanical and electronic components and systems, among others.

AUTOFLUG, based in Rellingen in Schleswig-Holstein, has decades of experience and expertise in the areas of rescue and safety, textiles, mechanical systems, precision engineering, electronics, software as well as measuring and control technology.

OUR PRODUCTS AND SERVICES

AUTOFLUG airFLEX
AUTOFLUG airFAST
AUTOFLUG airSEAT

AUTOFLUG landSEAT
AUTOFLUG landFLEX

AUTOFLUG fuelSENS
AUTOFLUG fuelDATA
AUTOFLUG fuelPLUS

AUTOFLUG fullSERVICE
AUTOFLUG engineeringSERVICE

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