



ADS SHOW 2018 | 26 & 27 September

TRAINING AT THE HEART OF THE 2018 ADS SHOW



For its 4th edition, the major international gathering of stakeholders in the aeronautics and defence MRO sector is giving pride of place to training.

With the participation of engineering schools, a university institute and specialised civilian and military centres dedicated to aeronautical maintenance, the Show will be a unique regional and national meeting point in the area of aerospace training.

AEROSPACE: EXPERT HUMAN RESOURCES ARE IN GREAT DEMAND

In 2017, the European Aerospace and Defence Industry (ASD) represented some **550,000 jobs**, of which **190,000** in France, i.e. over one third of the total¹. The sector has expanded enormously over the last two or three years. That can be explained, amongst other factors, by the renewal and expansion of airline fleets and by **technological, digital and environmental changes** in the aeronautical sector.

EVER-INCREASING DEMAND FOR PEOPLE TRAINED IN AERONAUTICS

“With the expected recruitment of 12,000 people in 2018, our industry will continue to invest in new skills this year. More than ever before, such an increase in our requirements goes to prove our closer cooperation with the educational system to meet demand among industrialists for all levels of qualifications as technicians and engineers.” Éric TRAPPIER, President of the GIFAS and ASD, 12 April 2018.

With order books already close to overflowing, training opportunities are currently insufficient with the result that companies in the sector are sorely strapped or even faced with serious shortages in certain specialities. **Aeronautical maintenance is directly concerned.**

SPECIFIC NEEDS IN THE DEFENCE SECTOR

Whilst deliveries of military aircraft cannot be compared to those for civil aviation, there is an **increased need for training** in the new technologies of airborne weaponry, support for exports, replacing technicians drawn to the civilian sector, etc. Such military training also falls within a **logic of international cooperation** and forms an increasingly strong structural part of **European Defence**.

A NECESSARY TRANSFORMATION IN TEACHING

Operational and industrial needs, but also the adaptation of new generations, must lead to the design and implementation of **innovative teaching tools**. Such is the case in particular for training in aeronautical maintenance which must be adapted:

¹ Source: GIFAS (Groupement des Industries Françaises Aéronautiques et Spatiales) 2017 report

- to new **technological changes**: big data analytics, additive technologies, 3D immersion, photonics, NDT technologies, etc.
- to **environmental requirements**: new European standards (e.g. REACH), more electric aircraft, new materials, economic propulsion systems, etc.
- to **changes in markets** with increasing globalisation, new forms of contractual engineering and public-private cooperation (technical platforms).

A STRONG REGIONAL INVOLVEMENT

To address all those issues, the **Nouvelle-Aquitaine Region is home to numerous initiatives in the area of aerospace training, as demonstrated at the ADS Show:**

- the Aquitaine AEROCAMPUS in Latresne (33);
- engineering schools, already existent or being opened, throughout the region;
- the Institute of Aeronautical Maintenance (Bordeaux University), in Mérignac (33);
- the Military School of Aeronautical Maintenance in Rochefort (17);
- professional schools, training centres (with traditional courses, sandwich courses and apprenticeships).

AERONAUTICAL MRO IS A LEVER FOR REGIONAL AND NATIONAL ECONOMIC DEVELOPMENT

With **25** major industrial facilities dedicated to aerospace and the presence of all the major stakeholders in the sector - ArianeGroup, Dassault (the 2nd most popular company in France in 2018**), Thales, Sabena Technics, Safran, Stelia Aerospace, etc. - together with many intermediate-sized companies and SMEs, the Nouvelle Aquitaine region is proving to be remarkably attractive and is currently the Number 1 region for global, national and European defence aeronautics.

KEY FIGURES IN NOUVELLE-AQUITAINE

60 000 jobs in aeronautics (with 20,000 in Defence)

12 training centres (with 3 specialised in aeronautical maintenance)

1 of the leading European decision-making centres in aeronautics

About the ADS SHOW

Created in 2012 on the initiative of the Nouvelle-Aquitaine Region, the ADS SHOW is held on a bi-annual basis at Bordeaux-Mérignac Air Base 106. In close partnership with the French Ministry for Armed Forces, the ADS SHOW is organised by Territoires&co, a specialised subsidiary of FG SMART EVENT, with AERIS Aerospace & Defense and Aéro Gy.



***MRO: MRO (Maintenance, Repair, Overhaul)** is defined as all the resources, systems and processes required to ensure that a weapons system can be used in an operational situation with the anticipated effects. It therefore involves the following dimensions: political (strategy and financing), human (training and competencies), technical (fleet management and expertise) and relations between operators and industry (services and contracts). The term is of military origin and has been extended to the civil Aerospace and Defence (ASD) sector.

** According to a Ranstad Employer Brand study (2018)



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