

**PRESENTATION 2023** 

# NEEDS OF AVIATION TECHNICIANS FROM THE PERSPECTIVE OF AN AVIATION ENGINEERING COMPANY

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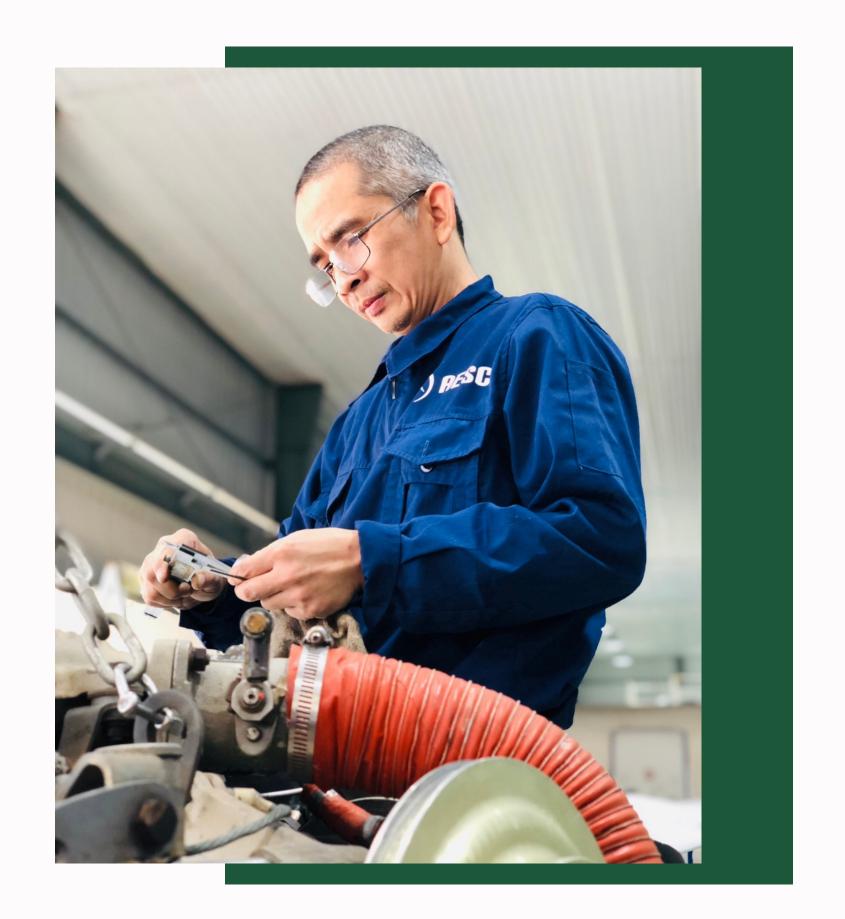
## Content

01 Overview

Main job functions at MRO, DOA, POA, ATO

Qualities that aviation staff need to posses and develop

What and where to work







#### **ABOUT US**

Established in 2008 by a team of aviation engineers who possessed the entrepreneurial passion and extended technical experience, AESC step by step confirms the ability to gain the highest reputations among aviation partners.



#### **MISSION**

To participate and develop professional & competitive
Vietnam Aviation Industry up to international standard



#### **VISION**

To become a leading company in the aerospace engineering industry in and beyond the Vietnam neighborhood





#### WHAT WE DO



#### M.R.O Maintenance, Repair & Overhaul

Since its foundation in 2008, AESC has provided services of high quality and high safety standards to all airlines in Vietnam and other neighborhood countries and gained a reputation within the region for its core capability of aircraft wheel and brake maintenance services.



#### Manufacturing

Aircraft part design & manufacturing modification package



### G.S.E Ground support equipment

GSE design and manufacturing have been one of AESC's top business focus since its establishment. The solution with local products at an affordable price and quick delivery time has satisfied its most difficult customers.



#### **Part Distribution**

With more than 15,000 aircraft parts stocked at our warehouse, and our dedicated sales force available 24/7, we remain at customer's disposal to provide replacement parts in a timely manner to minimize the impact of AOG to airlines customers.



#### Consulting



With more than 10 years of experience in the field of aviation and aircraft maintenance and repair, with a team of experienced and highly qualified staff, AESC provides the best consulting services for its customers in different projects.

#### **Training Services**



We are currently approved by CAAV to conduct CAT A. We have a reputation for conducting training for many years. The range of training that we provide is for engineering, and cabin crew. We provide a wide range of courses related to aviation and the airline industry directly.

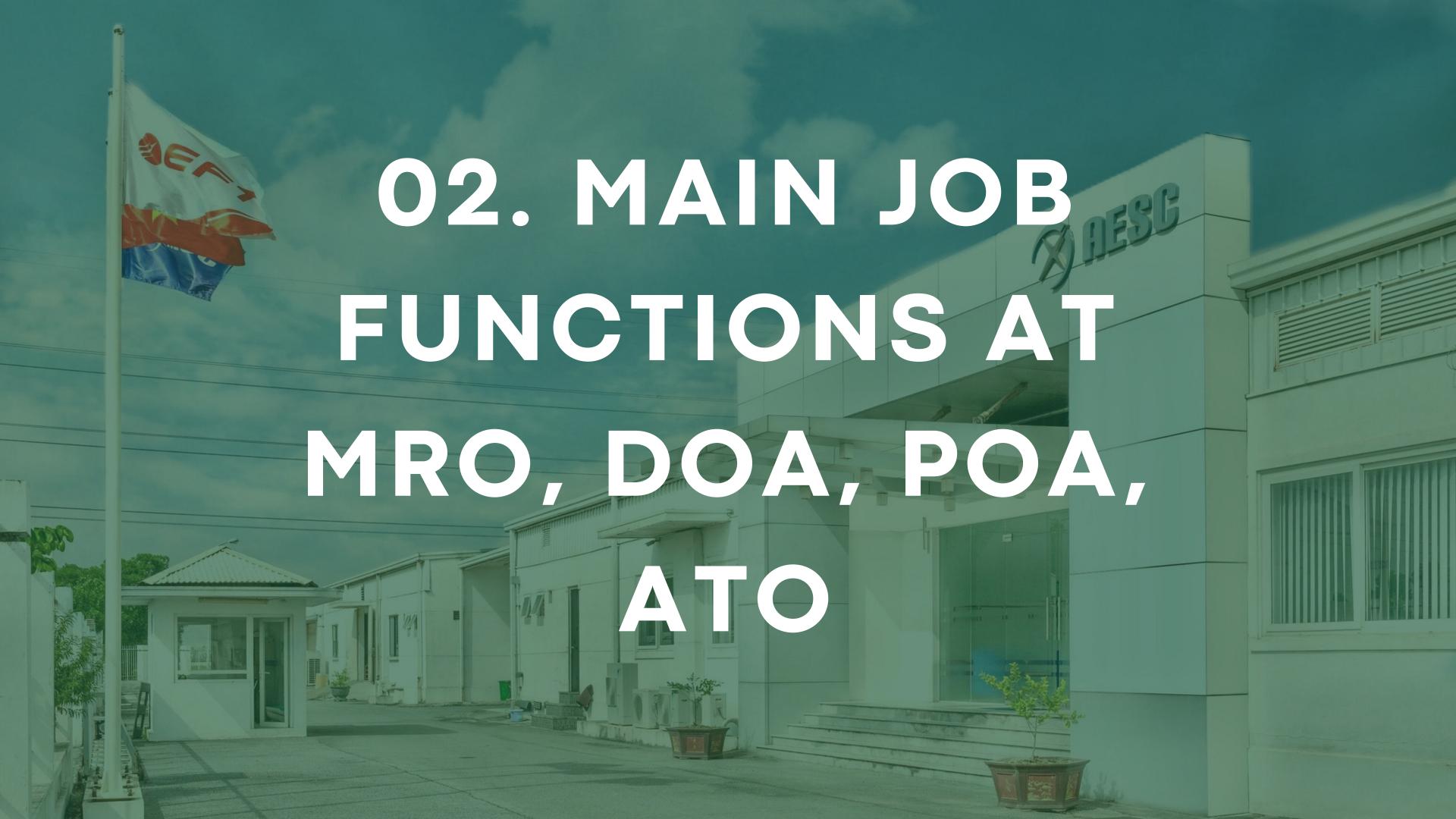
#### **Defense Services**



AESC is a unit that cooperates closely and effectively with Vietnam Armed forces (Air Force Air Defense, Coast Guard, Navy), providing a number of materials, spare parts and maintenance services for the C212, C295 aircraft.









#### Engineering Department

- + Maintenance plan
  - + Work Order Control
  - + Technical Library



2 .

#### Maintenance Workshop

- + CRS/CCS
- + Technician
- + NDT technician



3

Store

+ CRS/CCS





4

**Quality Assurance** 



5

Supply/Procurement



6

Sales



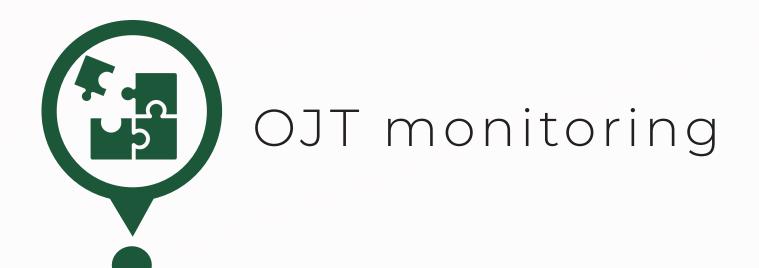
# B/ Design/ Manufacturing





# C/ Training











#### POINT 1

English proficiency: must be good at speaking, reading (manual, instructions), and writing (report, proposal, email...)



#### POINT 2

Attentive, watchful attitude, double check, cross-check (maintenance error mostly relates to human factor)



#### POINT 3

Systematic mindset (Aviation is built up on inter-systems standardized and regulated closely)



#### POINT 4

Independent working ability while maintaining team work environment



#### POINT 5



Learning ability is highly appreciated (Self-teaching through putting questions, finding root causes, interacting with surrounding sources – books, colleagues, teachers, senior...)



#### POINT 6

Design-oriented people: basic skills like CAD, and design mindset meet the end-user and aviation regulation requirements. The designer needs to go on-site to gather facts on the operating environment and to master the solution. The designer is not a drawer.



#### POINT 7

Operation (maintenance/manufacturing) oriented people: need to touch the basic technical skill set, gather real experience at workshop level



#### POINT 8

International viewpoint: not to limit oneself in domestic market.

# 04. WHAT & WHERE TO WORK



- Airlines (Vietnam and Overseas): technician, engineer
- MRO: Maintenance technician/engineers
- Design office
- Manufacturing Company
- Spare part provider (OEM, Aftermarket)
- Aviation Authority
- Start-up





# THANK YOU