



# G7 AEROSPACE SDN BHD

COMPANY PROFILE



“ Growing Elegantly, Gracefully And Full Of Humility ”

# COMPANY INTRODUCTION





## Partner of Choice for Aerospace & Defence Asset Life-cycle Support

Translating customers' **operational availability** and **sustainment** needs into innovative through life **support solutions** emphasising on asset reliability, maintainability and supportability



Member of:





Engineering & MRO solutions for commercial & government vessel operators



Though life support for commercial & defence aircraft operators



Comprehensive sustainment solution for RMAF F/A-18 Hornet weapon system



Sustainment Engineering - AI solution / design & fabrication / ILS / training & consultancy

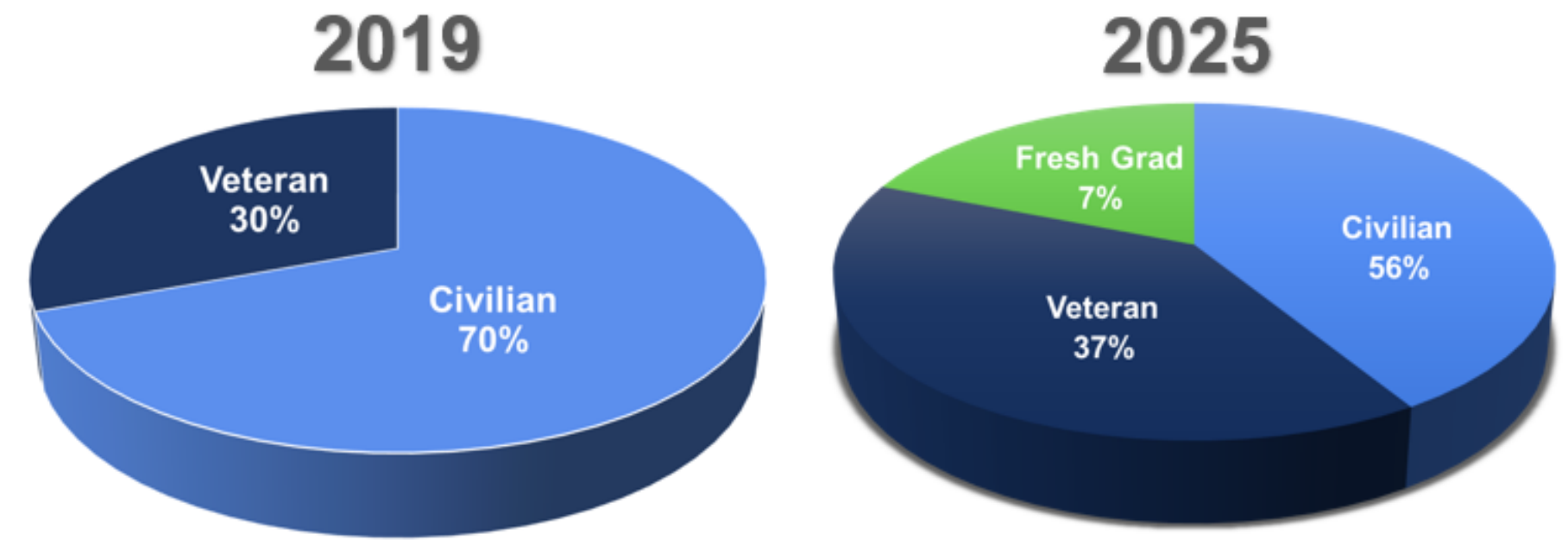
**7 x facilities** across Peninsular and East Malaysia with **~ 200 highly skilled workforce (Staff & Protégé)** serving **local & foreign customers** in both defence and commercial sectors



# G7 AEROSPACE

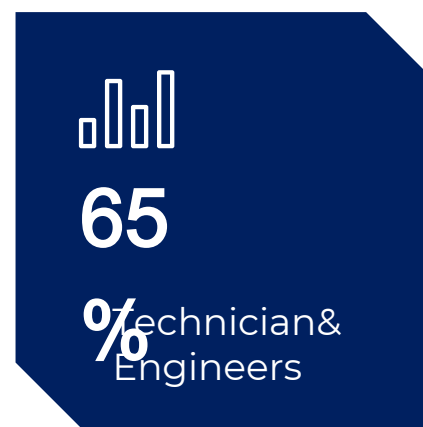
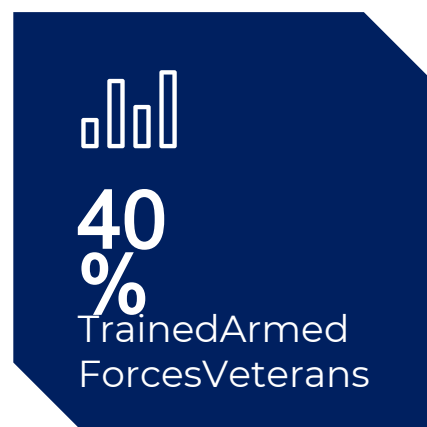
G7 Aerospace Sdn Bhd was **incorporated in 2010** with the objective of **providing effective technical solutions to military and commercial aviation market segments**. The company is registered with the Ministry of Finance, Malaysia and its head office is located at Serenia City, Selangor. Having extensive experience in both military and corporate sectors, G7 Aerospace is **made up of a team of highly dedicated, well-trained personnel**. The company is committed to delivering high-quality, broad-spectrum defense, security and commercial aerospace products and services as well as diversifying into new and niche business areas.

## Workforce



**Current Total Strength: 209**

- ▶ **Staff - 161**
  - 60 x veteran [RMAF x 42 | ARMY x 9 | NAVY x 9]
  - 90 x civilian
  - 11 x Fresh Grad (14 x absorbed from Protégé Program)
- ▶ **Current Protégé - 32**
- ▶ **Intern - 16**





# Scope of Business

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## Maintenance, Repair & Overhaul

- ▶ On-**aircraft** DLM (F/A-18 | A109 | MD530 | Fennec)
- ▶ Off-**aircraft** DLM (Avionics | Aeromech | Structures)
- ▶ Air Ground Support Equipment (**AGSE**) DLM
- ▶ **Marine** & shipyard equipment DLM ▶ **Calibration Services**

## Unmanned Systems & Robotics

- ▶ Design & Development( **UAV | USV** )
- ▶ DLM & Through Life Support (**Scan Eagle | ANKA**)

## Avionics Modifications & Upgrades

- ▶ **System-Level** (Avionics Upgrade PC-7 | A109)
- ▶ **Component-Level** (obsolescence solution)

## Sustainment Engineering

- ▶ **AI** - Data Analytics & Visual Recognition
- ▶ **ILS** & Logistics Support Analysis ▶ Mechanical **Design**, Prototyping & Fabrication
- ▶ Consultancy & **Training**

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## Certifications | Approvals

- **DGTA** Design Organization Approval (DOA Part 21J)
- **DGTA** Approved Maintenance Organization (AMO Part 145) **CAAM**
- Part 145 - NDT & Composite Repair AS9100/ISO9001 QMS
- Requirements for Aviation, Space & Defence **SAMM** ISO17025 -
- Torque Wrench Calibration **MAFCA** NATO CAGE Code: Y0722

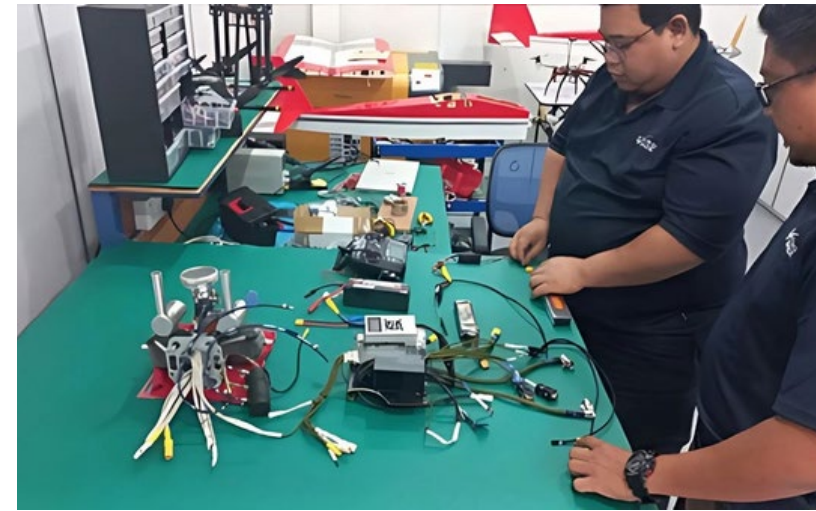
# SERENIA FACILITY

- HEAD OFFICE
- DESIGN & DEVELOPMENT
- AVIONICS MRO
- TOOL CALIBRATION & SUPPLY
- NON-DESTRUCTIVE TESTING



# MELAKA FACILITY

- DESIGN & DEVELOPMENT
- AEROMECHANICAL MRO
- AVIONICS MRO
- UNMANNED SYSTEMS
- AI & VR SOLUTIONS



# LUMUT FACILITY

- DIRECT SUPPORT, TLDM RAJAWALI
- SUPPORT EQUIPMENT & SPECIAL VEHICLE MRO



# KOTA KINABALU FACILITY

- DIRECT SUPPORT STESEN UDARA KOTA KINABALU, TLDM
- SUPPORT EQUIPMENT MRO



# BUTTERWORTH FACILITY

- **F/A-18 DEPOT LEVEL**
- **MRO F/A-18**
- **COMPONENT MRO**



# G7 AEROSPACE CAPABILITIES



# G7 CAPABILITIES

## 01

### MAINTENANCE, REPAIR & OVERHAUL

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- On-Aircraft
- Off-Aircraft:
  - Avionics
  - Aero-mechanical
- Calibration



## 02

### DESIGN & ENGINEERING

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- Product Design
- Aircraft Sustainment Planning
- Maintenance Engineering & Analysis



# 03

## UNMANNED SOLUTION

- Base Security
- Air & Ground Segments MRO
- Artificial Intelligence (AI)



# 04

## NON-DESTRUCTIVE TESTING

- Eddy Current Test (ET)
- Ultrasonic Testing (UT)
- Penetrant Testing (PT)
- Magnetic Particle Testing (MPT)



# 05

## PRODUCTS

- Multi-Purpose Color Display (MPCD) HAWK 108/208
- Augmented Reality Virtual Reality (AR/VR)
- Aero Ground Support Equipment (AGSE)
- Stahlwille Tools & Special Tools



# 06

## CONTRACT SUPPORT

- Contract Management
- Protégé Turn-Key Program
- Industrial Collaboration Program



G7 AEROSPACE  
**DESIGN & FABRICATION**  
**CAPABILITIES**



G7 AEROSPACE  
**DESIGN & FABRICATION**  
**CAPABILITIES**



G7 AEROSPACE

# UNMANNED AERIAL SYSTEMS



## DEVELOPMENT OF TACTICAL UAV ACQUISITION OF ANKA UAS FOR RMAF

- The Government recently signed ANKA Unmanned Aerial System (UAS) purchase contract with Turkish Aerospace (TA)
- G7 Aerospace has been appointed as the subcontractor to renovate UAS hangar in Labuan, AGSE, Ground Data Terminal (GDT) etc.
- Turkish Aerospace & G7 Aerospace signed a Collaboration Agreement on ANKA Unmanned Aerial System (UAS) ICP project implementation.

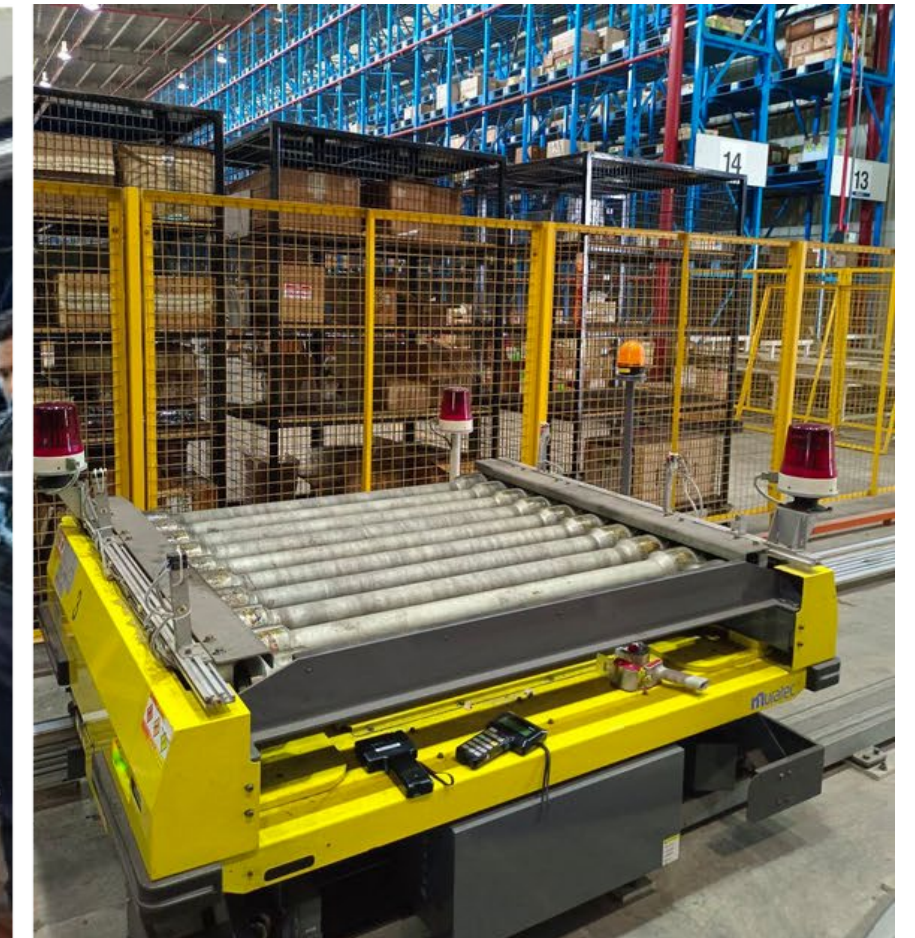
G7 AEROSPACE

# WAREHOUSE MANAGEMENT SYSTEM

AUTOMATED STORAGE RETRIEVAL SYSTEMS (ASRS)

## PREVENTIVE & CORRECTIVE MAINTENANCE

- CRANE
- RTN-X
- CONVEYOR
- WAREHOUSE MANAGEMENT SYSTEMS (WMS)
- SERVER & COMMUNICATIONS SYSTEMS
- INTEGRATIONS



# CERTIFICATION & APPROVALS



# CERTIFICATIONS & APPROVALS



APPROVED MAINTENANCE ORGANISATION (AMO)



AUTHORISED ENGINEERING ORGANISATION (AEO)



AS/EN 9100:2016 REV D | ISO 9001:2015



PART 145



SMM 993

# CERTIFICATIONS & APPROVALS

MAFCA -  
NATO Commercial  
& Government Entity



Ministry of  
Entrepreneur  
Development and  
Cooperative



MINDEF - DID



2022 5-STAR RATING



# RECOGNITIONS



MIDES COMPETITIVENESS RATING FOR ENHANCEMENT (MSCORE)



Rosebank Engineering - NON-DESTRUCTIVE TESTING SERVICES



# Local Ecosystem

## Objective

To be able to provide **comprehensivesupport services, advance local technology** and **move up the value chain** by harnessing capabilities of local industry players & government agencies

### Obsolescence Contract Support



### Research & Technology Collaboration



### A109 Avionics Contract Support



### Other Collaborations



# STRATEGIC PARTNERSHIP



Partner in Protégé  
Turn Key Program

**INFOGLOBAL**

MPCD Development  
For RMAF Hawk  
108/208

**AUTEL**  
ROBOTICS

Authorized Local  
Distributor.  
Autel Robotics  
Enterprise Drone

**BAE SYSTEMS**

RMAF Hawk 108/208  
Aircraft Support

**Rosebank**  
Engineering

Local Planned  
Maintenance 12 Years  
For RMAF F/A-18D  
Hornet

**Honeywell**

Authorized Local  
Partner For Defence  
Systems –  
Air, Sea, Land & Space

 **HAVELSAN**

Air Wargame,  
Electronic Warfare  
& Avionic

**TURKISH  
AEROSPACE**

Gokbey Helicopter  
Local Partner and  
ANKA UAS

 **dolphitech**

Authorized Local  
Distributor.  
Dolphitech  
NDT Equipments



Authorized Local  
Distributor. Stahlwille  
manufactures  
aerospace quality hand  
tools

**RUAG**

Local Planned  
Maintenance 12 Years  
For RMAF F/A-18D  
Hornet

  
Universal Synaptics

Electrical Wiring  
Interconnect System  
Integrity Check EWIS




  
Hanwha

**aselsan**

# Thank You

“Growing Elegantly, Gracefully And Full Of Humility”

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