

# AEROSPACE TECHNOLOGY & INNOVATION REPORT 2025/2026



KEMENTERIAN SAINS,  
TEKNOLOGI DAN INOVASI  
Ministry of Science, Technology and Innovation



MINISTRY OF INVESTMENT,  
TRADE AND INDUSTRY

**MiGHT**  
Malaysian Industry-Government Group  
for High Technology

**NAICO**  
MALAYSIA

**MAIA**  
Malaysia Aerospace Industry Association

**AMIC**  
AEROSPACE MALAYSIA INNOVATION CENTRE



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PERDANA



1/6/2022  
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**MiGHT**  
Malaysian Industry-Government Group  
for High Technology

# AEROSPACE TECHNOLOGY & INNOVATION REPORT 2025/2026



PUSTAKA PERDANA



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# FOREWORD

## THOUGHTS FROM THE PRIME MINISTER



**The Government is steadfast in its efforts to develop Malaysia into a regional aerospace hub by prioritising human capital development, enhancing infrastructure, and fostering collaboration across government, industry, and academia.**”

**M**alaysia MADANI reflects our vision for a prosperous, inclusive, and sustainable nation, with the aerospace sector playing a critical role in achieving this. As a strategic industry, aerospace drives technological advancement, fuels economic growth, and enhances global competitiveness. The aerospace sector represents our commitment to high-impact industries that transform Malaysia into a leader in innovation and industrial progress. Advancements in propulsion systems, autonomous navigation, and sustainable materials highlight the sector's role in strengthening national capabilities and contributing to global sustainability.

The Government is steadfast in its efforts to develop Malaysia into a regional aerospace hub by prioritising human capital development, enhancing infrastructure, and fostering collaboration across government, industry, and academia.

The Aerospace Technology & Innovation Report 2025/2026 provides valuable insights and recommendations to address challenges and seize opportunities in this vital sector. Together, let us propel Malaysia's aerospace industry to new heights, building a future defined by resilience, innovation, and shared prosperity.

**YANG AMAT BERTHORMAT  
DATO' SERI ANWAR BIN  
IBRAHIM**

Prime Minister of Malaysia



# FOREWORD

## MINISTER OF SCIENCE TECHNOLOGY AND INNOVATION (MOSTI)

Innovation and technological advancement are key drivers of Malaysia's competitiveness. The aerospace sector offers immense potential to propel high-tech growth and establish Malaysia as a regional leader.

The Government is serious about developing the High Growth High Value (HGHV) sector, with aerospace as a priority. We are strategically positioning the industry to become a regional hub by focusing on critical areas such as human capital development and airport infrastructure.

We are committed to advancing research, development, and technology adoption in aerospace. Key policies like the Malaysian Aerospace Industry Blueprint are supporting innovation in aerospace manufacturing, maintenance, and emerging technologies.

Support mechanisms, including financial incentives and industry collaboration initiatives, are designed to stimulate growth and attract investments.

The Aerospace Technology & Innovation Report 2025/2026 complements these efforts by

providing a strategic roadmap for future success. Through strong collaboration between government, academia, and industry stakeholders, we will build a resilient, sustainable aerospace ecosystem that drives growth and enhances Malaysia's global competitiveness.

### YB CHANG LIH KANG

Minister of Science, Technology and Innovation



It gives me great pleasure to present the Aerospace Technology and Innovation Report 2025/2026, a comprehensive document that underscores Malaysia's commitment to advancing the nation's Aerospace technology ecosystem, and transforming the local industry to become competitive globally.

The Malaysian Aerospace Industry Blueprint 2030 has laid a strong foundation for enhancing local capabilities and integrating technologies such as the Internet of Things (IoT), Artificial Intelligence (AI) and Additive Manufacturing into aerospace operations. Echoing this blueprint, the Report also advocates strong partnerships and collaboration between global aerospace leaders, research institutions, and local SMEs, to ensure Malaysia remains at the forefront of

# FOREWORD

## MINISTER OF MINISTRY OF INVESTMENT, TRADE AND INDUSTRY (MITI)

technology and innovation, and our supply chain strong and resilient.

In the last ten years, the aerospace industry has emerged as a key pillar of national economic growth. It has contributed to our economy in terms of high-value jobs and enhanced local capacity through technology transfer, innovation, and diversification. Strong policies have paved the way for Malaysia's significant progress in this sector, supported by our skilled talent pool, strategic location, and robust ecosystem which have attracted significant foreign investments into this space over the past decade.

Given current global economic uncertainties, the Malaysian aerospace industry needs to be both adaptive and agile. This report highlights Malaysia's current technology & innovation

ecosystem, which enables the industry to advance and strengthen its position in the growing global and regional aerospace sector amid the tough challenges ahead.

This report also serves as a call to action for Malaysia's aerospace stakeholders to collaborate and form strategic partnerships in creating a sustainable aerospace industry. By focusing on R&D, continuously upskilling the talent pool and strengthening the supply chain, we can secure Malaysia's position as the preferred destination for aerospace investment and technological advancement.

I wish to thank all contributors and collaborators who contributed to this report. Our collective efforts will enable the industry to soar to new heights and ensure that Malaysia's

aerospace sector remains a catalyst for innovation, competitiveness, economic growth and prosperity.

**YB SENATOR TENGKU  
DATUK SERI UTAMA  
ZAFRUL TENGKU ABDUL  
AZIZ**

Minister of MITI



**RUSHDI ABDUL HALIM**

President & CEO  
MIGHT

**PROF. TS. SHAMSUL  
KAMAR ABU SAMAH**

Chief Executive Officer  
NAICO Malaysia

**NAGUIB MOHD NOR**

MAIA President

**DR. LIEW KAN-ERN**

Chief Executive Officer  
AMIC



# FOREWORD

## CEOS OF MIGHT, NAICO MALAYSIA, AMIC AND MAIA PRESIDENT

Malaysia's aerospace industry is at a pivotal stage of growth, driven by innovation, technological advancements, and strategic collaborations. As key enablers of high-technology and aerospace development, MIGHT, NAICO Malaysia, MAIA and AMIC are proud to present this Aerospace Technology and Innovation Report 2025/2026, which underscores our shared commitment to advancing the frontiers of Aerospace and the high-tech sector excellence.

This report recognises the rapid technological evolution of aerospace, the increasing demands for sustainability, and the unprecedented opportunities for global collaboration. By fostering partnerships, facilitating technology adoption, and strengthening policy support, we aim to accelerate the nation's journey toward achieving the goals outlined in the Malaysian Aerospace Industry Blueprint 2030 (MAIB 2030).

As we move forward, it is imperative that the government, industry, and academia work collectively to build a resilient and competitive aerospace ecosystem. MIGHT, NAICO Malaysia, MAIA and AMIC remain steadfast in driving this agenda, ensuring Malaysia is well-positioned in the global aerospace and high-tech landscape. We invite all industry players to leverage this report as a strategic guide, transforming challenges into opportunities and steering Malaysia's aerospace and high-tech sector toward a future of sustainable innovation and excellence.

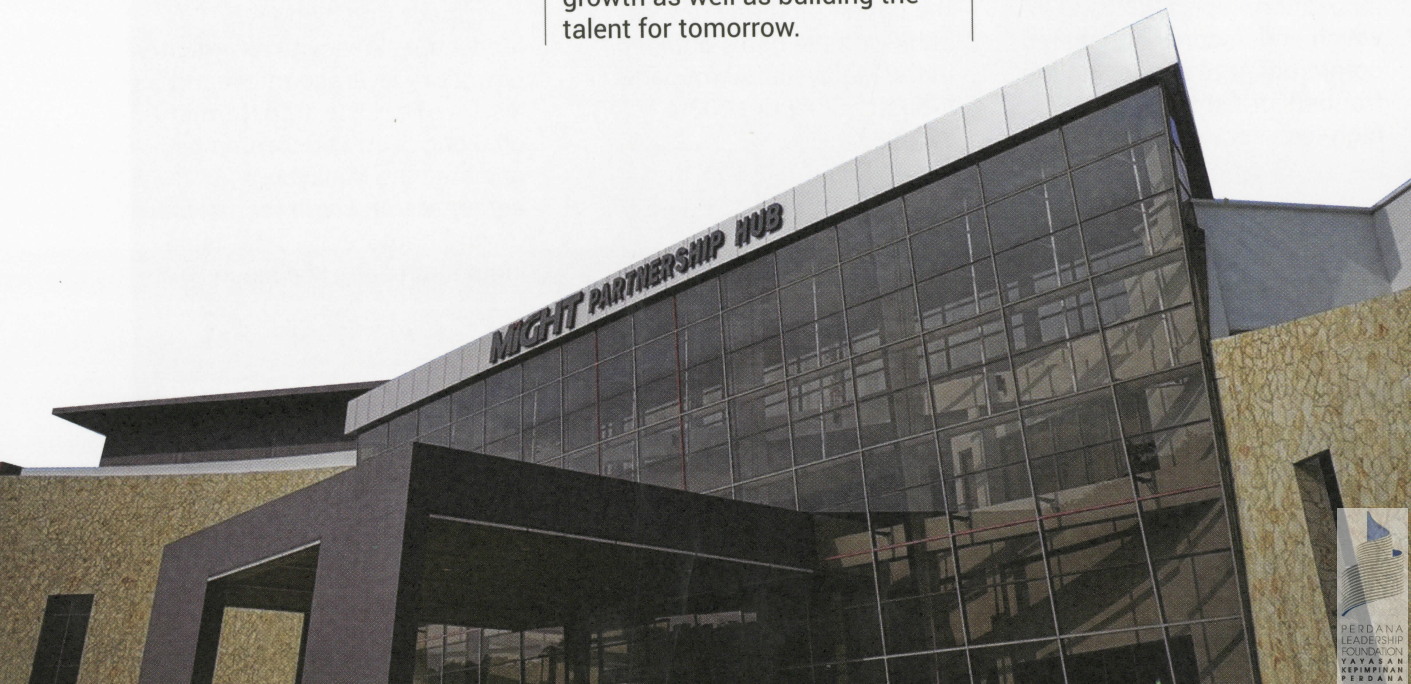
# ABOUT **MIGHT**

*Malaysian Industry-Government Group  
for High Technology*

MIGHT emphasises market intelligence initiatives using foresight practices and methodologies to identify technology and business opportunities. MIGHT serves as a think tank and provides strategic advisory in the prospecting for and promotion of industry development through strategic application of science and technology for Malaysia's socio-economic development.

An organisation built on the strength of partnership with local and international members and partners. MIGHT also facilitates and empowers members' and partners' success through nurturing, expanding, and building high technology capacity of the Malaysian high technology ecosystem by creating opportunities and building competencies. This partnership is driven by localising R&D solutions for growth as well as building the talent for tomorrow.

Previously, MIGHT has developed the Malaysian Aerospace Industry Blueprint 2030 (MAIB 2030) as a strategic initiative to enhance Malaysia's aerospace sector, building on the foundation laid by the first blueprint introduced in 1997.



# ABOUT NAICO MALAYSIA

## NATIONAL AEROSPACE INDUSTRY CORPORATION MALAYSIA (NAICO MALAYSIA)

An agency under the Ministry of Investment, Trade & Industry (MITI) Malaysia

NAICO Malaysia is the national aerospace development agency responsible for spearheading the growth of the aerospace ecosystem and coordinating measures under the Malaysian Aerospace Industry Blueprint 2030 (MAIB 2030) and National Industrial Master Plan 2030 (NIMP 2030) under MITI that aspires to establish Malaysia as a regional aerospace hub by 2030.

### VISION

We Aim To Position Malaysia As The Number One Aerospace Economy In Southeast Asia And An Integral Part Of The Global Market By 2030.



Malaysia Aerospace Centre (MyAERO Centre) offers a comprehensive suite of programmes catering to different stages of an aerospace career.

#### 3D VISUALISATION LAB

3D Visualisation Lab is a facility that boasts cutting-edge technologies like the 3DEXPERIENCE platform for 3D modelling and assembly, allowing industry to gain practical experience in designing and creating complex aerospace components.

#### AEROSPACE ROBOTICS & AUTOMATION LAB

Aerospace Robotics & Automation Lab offer robotic arms, automated assembly systems and machine vision technologies to universities and professionals with the skills to integrate robotics and automation technologies within the aerospace manufacturing process.

#### MALAYSIA AEROSPACE DIGITAL SYSTEM

Malaysia Aerospace Digital Systems (MADS) is an open access platform that provides a wealth of aerospace data and information for researchers, educators and industry professionals.

#### ADVANCE PRODUCTION, MATERIAL & MANUFACTURING LAB

The Advanced Production, Material & Manufacturing Lab facilitate in providing training on cutting edge production techniques and advanced materials used in aerospace manufacturing.



NOVA focuses on transformative projects to revolutionise Malaysia's aerospace supply chain.



The FLIGHT programme is designed to shape the next generation of aerospace innovators.



ASCEND act as a platform for research and technology project facilitation for aerospace industry.

# **MIGHT**

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