



*Malaysia Aerospace Industry Association*

**SERVING MALAYSIA'S  
AEROSPACE INDUSTRY**

**MALAYSIAN AEROSPACE  
NEWSLETTER**

**2<sup>nd</sup> Edition 2024**

**Leading The Malaysian Aerospace Industry  
Forward Towards A Common Objective Of  
Continued Development And Growth**

## FROM THE DESK OF MAIA EXECUTIVE OFFICE

**David A Jones**  
Managing Director  
MAIA



The predicted rapid recovery and robust growth in air travel continues. Last month the International Air Transport Association (IATA) published its May 2024 data showing total global passenger demand measured in revenue passenger kilometres (RPKs) was up 10.7% compared to the year prior. Load factors were up 1.7% and reached 83.4%, a record for the month of May. This growth was principally from international traffic and led by expansion across the Asia-Pacific region realising a 27% year-on-year increase.

The growth may have been higher, if not for airframe manufacturer constraints, pressed to meet higher production levels amid inherent supply chain challenges. Based on current production rates, the resultant backlog of new airline orders is estimated to be 13 years. The supply chain issues not only impacted aircraft deliveries but also aftermarket support. Tight labour market challenges, coupled with raw material supply and price inflation all contributed. To compensate airlines have had to retain older aircraft necessitating more work for the MROs and a market for used serviceable material.

The impact was also felt by the civil helicopter market. Airbus Helicopters realised a significant 78% rise in order intake compared to the previous year, yet deliveries fell by 14.5% for the half year. Leonardo saw a similar trend with deliveries down 6% with order intake up 28%. Similarly in the corporate aircraft sector, which whilst showing a marginal increase in total operating hours, as order intake rose delivery challenges remained. In the first quarter of 2024 when compared to 2023, Bombardier recorded a 60% increase in order backlog. Each of Dassault, Textron, Embraer saw very similar trends.

The global aerospace industry resurgence was clearly evident at the Farnborough Airshow, where on a Matrade sponsored stand, MAIA participated along with members. To overcome inherent obstacles in the supply chain, the industry is becoming more committed to diversification. Malaysia is in a good position to capitalise on this opportunity reinforcing the importance of MAIA being present at the show to raise awareness and forge connections. Many meetings were held during the show with other international aerospace associations, building on our increasing number of cooperations, including more recently with the Korean aerospace industry.

To ensure continued growth requires skilled talent. The Malaysian aerospace industry currently supports tens of thousands of highly skilled workers, returning significant economic value back to the country. Investing in training programs both in vocational, supervisory and managerial aspects will be key factors in our success.

MAIA along with MITI agency, CREST, have developed a number of initiatives which are currently being rolled out and will foster closer partnerships between industry and educational institutions. MAIA have also engaged with HRDCorp to enhance the technical programs offered as presented to members during a recent webinar.

On management training, MAIA are further engaging with the Malaysian Institute of Management to offer discounted programs tailored to our industry. Furthermore, supporting the demand for high quality human capital, MAIA firmly believes that it is essential to champion diversity in our workforce. In this respect we have been working with LeadWomen and a follow up event is planned in November this year.

For our industry to remain a key part of the international supply chain it is clear that environmental, social, governance (ESG) issues are in focus. Failure to comply will almost certainly have serious consequences, as international clients are likely to cease their engagement with our industry. Of equal importance are social and governance factors covering social issues, human capital and the impact and transparency of business. Research published in the journal Atmospheric Environment found that aviation contributes around 3.5% to global warming through carbon dioxide, nitrogen oxides and contrails. As air travel continues to grow without the adoption of lower-carbon technologies, aviation will represent an increasing percentage of overall emissions as other industries decarbonise.

To counter this, in 2021 IATA passed a resolution that committed its member airlines to achieve net zero carbon emissions from their operations by 2050. In support, airlines are starting to see modest progress in their uptake of sustainable aviation fuels. However, it is clear that this tough target will not be achieved by incremental technology improvements alone.

Efforts are also being made to improve aerodynamics and thermal efficiency, introduce more lightweight materials and longer term develop alternative propulsion technologies, such as hybrid-electric power and hydrogen. However, the aerospace industry at large has a greater role to play in both the manufacturing and aftermarket processes to ensure carbon neutrality.

These goals have a significant impact on the Malaysian aerospace industry. Global manufacturers are pressing their supply chains to comply and support their overall sustainability objectives. As such it is incumbent on all our members to create a road map as part of their business strategy.

In support of this effort, MAIA are reviewing mechanisms through engaging external experts to encourage greater awareness and have held joint webinars along with our partner BCSD and member BSi.

Meeting ESG goals will require continued efforts by all stakeholders and a review of our longer-term strategy. As sustainability objectives will influence global aerospace supply chain decisions, advanced digital and automation technologies are also becoming essential with the need to move towards enhancements in supply chain digitalisation. To remain competitive, we need to strengthen our research and development and ensure the adoption of such world-leading technologies.

These technologies are currently being used to improve processes, to achieve greater production throughput and cost efficiencies as well as in product development and enhanced maintenance capabilities. A recent Deloitte study found that 78% of companies believe digital solutions boost visibility and transparency throughout the supply network. This means our members need to adopt such technologies and become more proactive to manage supplier performance, regulatory demands, contract requirements, varied customer demands whilst better managing costs.

MAIA has therefore through its various committees strongly advocated for members to commence this important journey. Digitalisation is also resulting in innovation in the drone sector through unmanned traffic management, autonomous drones and AI integration necessitating regulatory changes which are key if our local drone sector is to move forward.

The Malaysian government are also encouraging the adoption of digitalisation tools. One recent requirement is through e-invoicing where a recent presentation on this important subject was provided to members. With digitalisation, the imperative for cybersecurity intensifies requiring continuous updates and the implementation of dynamic, responsive security measures.

MAIA has been working with government agencies such as Cybersecurity Malaysia and MyDigital to keep abreast of these developments.

On this note it is MAIA's objective to realise a strong partnership between industry and government to ensure the various issues mentioned above as well as to review the regulatory environment are at the top of the agenda. In this respect we have been liaising with numerous government departments and agencies including recent meetings with MIDA, MIDF, CAAM and Customs. We also held a dialogue with Matrade resulting in a recent presentation to members on some of the grants available.

To encourage greater collaboration amongst members we have also held the inaugural President's Dinner in late May attended by more than 340 guests where the Minister of Investment Trade and Industry kindly gave a keynote address. In addition, we recently held a successful networking session and members webinar. We have also held workshops with both the drone and avionics communities to advance these important sectors and follow up meetings are planned in both of these areas.

To further enhance our offering to members we have carried out an extensive review of members benefits. Our team will be building on this over the coming months in order to further enhance the services provided.

As our industry continues to grow, we are here to support you, and we certainly welcome your input and feedback on areas where our association can further add value.

David Anthony Jones  
MAIA Managing Director

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# 01 MALAYSIA AEROSPACE INDUSTRY HIGHLIGHTS

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## EXECUJET MRO OPENS NEW HANGAR AT SUBANG AIRPORT

ExecuJet MRO has officially opened its new MRO hangar at Kuala Lumpur Subang Airport, as the Malaysian government seeks to attract business aviation companies under the Subang Airport Regeneration Plan (SARP). The facility can accommodate up to 15 medium and large business jets simultaneously, and can support a range of MRO services—including heavy maintenance, AOG, and engine and airframe repairs for Dassault, Bombardier and Gulfstream aircraft, and accept the new Dassault 6X.



## MALAYSIA'S DRONE TECH LANDSCAPE SET TO FLY HIGH

Malaysia is making significant strides in the drone technology sector, with top drone services companies including Aerodyne Group, Meraque Group and Aonic Group currently ranked among the best in the world based on their size, growth, funding and visibility. Malaysia is also recognised as progressive in drone readiness — it was ranked No 21 by Drone Industry Insights in 2023 — which is indicative of strong government support for the industry. The Malaysia Drone Technology Action Plan 2022-2030 (MDTAP30) aims to contribute significantly to the GDP, creating an anticipated cumulative value of RM50.71billion.



## MALAYSIA AIRPORTS AND MBI SELANGOR SIGN MOU FOR THE STRATEGIC DEVELOPMENT OF SUBANG AIRPORT ZONES 3 AND 4

The collaboration was commemorated in a document exchange ceremony between Malaysia Airports and MBI at the Farnborough International Airshow 2024 in the United Kingdom on 22 July 2024, with the aim of advancing the development and marketing of Zone 3 and Zone 4 at Lapangan Terbang Sultan Abdul Aziz Shah (Subang Airport). The development of these zones, designated for business aviation and aerospace segments under the Subang Airport Regeneration Plan (SARP).



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### MIGHT ADVOCATES COLLABORATIVE EXPANSION OF SPACE ECONOMY

The global space economy is set to reach USD1.8 trillion (RM8.6 trillion) by 2035, according to a joint report from the World Economic Forum and McKinsey & Company. This marks an estimated average growth rate of nine per cent per annum mainly driven by space-based or enabled technologies such as communications, positioning, navigation and earth observation services. According to the Malaysian Industry Government Group for High Technology (MIGHT) President and Chief Executive Officer, Rushdi Abdul Rahim, Malaysia is poised to benefit from the growing space sector. "Malaysia's direct presence in the space sector is of obvious strategic relevance especially given the pervasive application of IoT and the related issues of national sovereignty and security.

### 8,000 NEW EMPLOYMENT OPPORTUNITIES AT SUBANG AIRPORT

The Subang Airport Regeneration Plan (SARP) will lead to the creation of some 8,000 jobs, says KLIA Aeropolis Sdn Bhd head Randhill Singh. He said the project will be finished in phases by 2030.

The development of SARP's aviation business and aerospace segments falls under the purview of KLIA Aeropolis. Randhill said it would create high-value jobs for Malaysians, such as in engineering. He said SARP had three segments: the city airport, business aviation and aerospace ecosystem.



### MALAYSIA RECEIVES IMPRESSIVE SUPPORT, RECOGNITION IN GERMANY

Malaysia has received recognition from Germany's leaders and captains of industry with potential investments worth RM45.4 billion. "We have registered a very impressive support and commitment for Malaysia, not only among political leaders but also from the businesses," Prime Minister Datuk Seri Anwar Ibrahim said. The Prime Minister held a meeting with his German counterpart, Chancellor Olaf Scholz. The two leaders discussed the progress of Malaysia-Germany relations, particularly economic cooperation, education, environment, export of palm oil and sustainability.



# 02 GLOBAL AEROSPACE INDUSTRY HIGHLIGHTS

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## AIRBUS RAISING MONTHLY A350 PRODUCTION TO 12 IN RESPONSE TO STRONG WIDEBODY DEMAND

Airbus is to raise the monthly production rate of its A350 to 12 aircraft in 2028, following strong demand in the widebody sector.

It had already been aiming to return to producing 10 aircraft per month in 2026, around the level it had achieved prior to the pandemic.

Airbus has taken orders for 71 A350s this year, among them 47 of the larger -1000 as well as five freighters. It has confirmed an agreement for 30 A350s from Indian carrier IndiGo, including purchase rights for 70 more.

## ARCHER AVIATION AIMS TO START ELECTRIC AIR TAXI TRIALS IN INDIA NEXT YEAR

Archer Aviation backed by Stellantis, and Boeing aims to begin trials of its electric air taxi in India next year, ahead of a planned commercial launch in 2026.

U.S.-based Archer last year partnered with InterGlobe Enterprises, which backs India's top airline IndiGo, to launch the air taxis to help people avoid ground traffic in congested cities.



## BRAZIL'S EMBRAER DELIVERS 25 JETS IN Q1; BACKLOG HITS 7-YEAR HIGH

Embraer delivered 25 aircraft - seven commercial planes and 18 executive jets - in the first quarter of 2024, a 67% increase on a yearly basis.

Embraer, the world's third-largest planemaker behind Boeing, and Airbus, said that its firm order backlog hit a seven-year high of \$21.1 billion at the end of March, up 13% from the previous three-month period.



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AIRLINES ARE ROARING BACK IN PLACES YOU MIGHT NOT EXPECT

By 2042, India's domestic aviation market is expected to be five times the size it was in 2019, with Indians taking around 685 million trips every year, according to Airbus. That would make the South Asian nation one of the world's fastest-growing civil aviation markets, and third after China and the United States. It is not just India. By the middle of the century, Indonesia, which now ranks 13th globally in passenger numbers, is predicted to jump to fourth, analysts say. Air travel is also expected to boom in the Philippines, Thailand and Vietnam in the coming decades.



GE AEROSPACE TO INVEST OVER US\$650 MLN IN FACTORIES, SUPPLY CHAIN IN 2024

GE Aerospace planned to invest over US\$650 million into its manufacturing plants and supply chain this year to boost its production capacity to support demand from commercial and defense clients. The company will invest nearly US\$450 million in 22 GE Aerospace facilities across 14 states in the United States and US\$100 million in some of its international sites. It also plans to invest an additional US\$100 million in its U.S.-based suppliers



"Attend the **4th Selangor Aviation Show**, a premier event where global and local aviation and aerospace players meet."

**We look forward to seeing you there!**

**12 - 14 September 2024**

Skypark Regional Aviation Centre, Selangor, Malaysia



# 03 WELCOMING MAIA NEW MEMBERS

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## Aero-Persistence Research PLT



Aero-Persistence Research specializes in development of innovative vertical takeoff technology known as Harrier-XR(TM) that requires no rotatable propulsors to achieve VTOL flight. The unique vertical flight technology also helps to mitigate vortex ring state during the landing phase. They are also working on UAVs for typhoon applications involving use of a technique termed as spinsonde.

## Aerotrends Wheels And Brakes Sdn Bhd



AWB, formerly known as Far Frontier Aeronautic Sdn Bhd, carry out aircraft maintenance, repair and overhaul (MRO) for various types of wheels and brakes.

## All Metal Services Malaysia Sdn Bhd



All Metal Services trades in raw materials and metals and providing supply chain solutions to aerospace and defense industries.

## Centre Side Express Sdn Bhd



Centre Side Express Sdn Bhd is a locally registered Bumiputra company, which has grown significantly since its incorporation in 2003. They specialize in transportation and logistics solutions, across major industries.

## Coraza Systems Malaysia Sdn Bhd



Coraza fabricate Sheet Metal and Precision Machined Parts and Components for Machinery/Equipment components such as Instrument Chassis, Internal Bracketry, Front, Panel, Instrument Housing, Cover, Card Cages, Avionics , Aero Structure , Piston for Chamber, Base Plate for semiconductor equipment and etc.

## Roncelli Plastics Sdn Bhd



Roncelli Plastics is an American manufacturer headquartered in Monrovia, California with a newly launched state-of-the-art manufacturing facility located in Batu Kawan, Malaysia. Roncelli deals with CNC machine, Injection Mold, 3D Print, and Die Cut of plastic components. Additionally, Roncelli provides in-house cleanroom services, shortened lead times while maintaining quality. They are ISO9001, AS9100D, ISO 13485, ISO27001, and ITAR Registered.

**ZRST Training Sdn Bhd**

ZRST Training specialised in maintenance training for maintenance organisations and airlines. They also provide technical consultation to support the national aviation industry

**MAZ Gerbang Sdn Bhd**

MAZ Gerbang was formed to provide contract manpower employment solutions for aviation customers with focus on maintenance, repair and overhaul (MRO) activities. They are an approved MRO company with approval for line maintenance for Boeing 737 aircrafts.

**TAE Malaysia Services Sdn Bhd**

TAE Aerospace is a MRO services company with more focus on the defense industry MRO services, while also offered same services to general aviation. Among the services provided are engine MRO, and military wheel and brakes MRO.

**Stratus Aerodefense Sdn Bhd**

Stratus Aerodefense Sdn Bhd is specializing in aerospace and defense technologies. The company focuses on providing innovative supply chain solutions and engineering services to support both military and commercial aviation.

**CNC Design Sdn Bhd**

CNC Design was founded in Melbourne in 1984, with focus in motion control & drive-based solutions which include CNC retrofitting and mechanical reconditioning. They are the exclusive Siemens representative for machine tool products in Australia and SE Asia where supporting sales, engineering, and service.

**Mitutoyo Malaysia Sdn Bhd**

Mitutoyo Malaysia was set up in 1988 with its head office located in Kuala Lumpur and branch offices in Johor and Penang. They specialize in providing precision measuring equipment which includes calibration labs and after-sales services as well as machine-specific training and general metrology training courses.

**PT3 Consultant Sdn Bhd**

PT3 CONSULTANT SDN BHD  
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PT3 Consultant is incorporated in 2017. They specialize in providing industry-leading training, project management & consultancy, servicing and trading in the aviation sector.

**SIR Ventures Sdn Bhd**

SIR Ventures was established in 2012 with specialize in providing manpower and aircraft painting services including aircraft full livery painting, aircraft component painting, and aircraft cabin vinyling.

# 04 MAIA INTERVIEW – Winner of Aerospace Phoenix Award 2024

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**Doong Su Lyn**  
Country HR Manager  
GE Aerospace Malaysia

With more than 17 years of experience as HR generalist, Compensation and Benefits, and Business consulting, Su Lyn's experience span across different industries in oil and gas, logistics and recently in aerospace.

Congratulations on winning the Malaysia Aerospace Industry Association (MAIA) Aerospace Phoenix Award!  
**How does it feel to be recognized for your outstanding achievements and contributions to the aerospace industry?**

Receiving the MAIA Aerospace Phoenix Award is a significant achievement that I am deeply honoured and grateful for. The recognition by peers and industry experts is truly humbling and would not be successful without the leadership and people in GE Aerospace. It is also reminder of the responsibilities that come with being a leader in the industry and look forward to the new opportunities it will bring as I continue to contribute positively to the aviation industry.

**As a woman in a male-dominated industry, what strategies have you employed to navigate challenges and excel in your career?**

I focus on learning and understanding the business and industry, keeping a curious mindset, and asking questions to gain new knowledge. They say 'the man who asks a question is a fool for a minute, the man who does not ask is a fool for life' – so stay curious and keep learning ! Naturally, as women, I practice stronger traits of empathy, humility and resilience which are instrumental in the workplace to promote a better balance and inclusivity to decision making and tackling unique obstacles. Everyone is empowered and given equal opportunities in GE Aerospace to excel in our careers.

**Mentorship and support networks are essential for professional growth. Can you discuss the role of mentorship in your career journey, and how it has influenced your success?**

Behind every success, you will find a circle of trusted advisors, mentors and colleagues. Early in my career, I was fortunate to be mentored by senior leaders who believed in my potential and was willing to invest in my career journey.

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My mentors have provided invaluable guidance on navigating complexities of large multinational companies, how to be present and heard, how to earn a seat at the table and helped open doors of opportunities through their professional networks. I am appreciative of the positive influence my mentors have had on my professional journey and would be looking to pay it forward by mentoring others.

**The MAIA Aerospace Phoenix Award recognizes excellence across various roles and industries. How do you believe diversity and inclusivity contribute to innovation and success in aerospace?**

Diversity and Inclusivity today is important as we continue to create the future of flight. In an ever-revolving industry, we need to embrace individuals with diverse background and perspectives to foster creative and ground breaking solution to tackle the issues of sustainable fuel, flight safety amongst others. The willingness to learn from different perspectives and expertise and keeping a open and curious mindset will bring technological advancement to the aerospace industry.

**Looking ahead, what are your goals and aspirations for the future, and how do you plan to continue making an impact in the aerospace industry?**

I am passionate about hiring and nurturing Malaysian talent, and I believe that investing in the local workforce is crucial for the industry's long-term success. We look to continue to introduce high skilled and high-income career opportunities to locals, so Malaysians can also earn a decent living back home. We continue to embark on apprenticeship and training opportunities for young and passionate aviation enthusiasts, partnering with local education institutions and government agencies.

**Finally, what advice would you give to other women aspiring to pursue a career in aerospace or any male-dominated field?**

Support system - Having a strong support system helps navigate the unique challenges at the workplace  
 Mentorship - Look out for mentors who you can role model and seek advice from  
 Authentic - Be yourself, what you believe in and stand for

**Congratulations again to Ms Doong Su Lyn for this well deserving award.**

**The next MAIA Newsletter will feature an interview with the Aerospace Premiership Award Winner.**

# 05 MAIA Member's Articles

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## NEW FLIGHT CONCEPT FOR EVTOL

By Dr. Chung-Kiak Poh, Aero-persistence Research PLT

It is not uncommon for modern day VTOL fixed-wing aircraft to adopt the so-called "lift-and-push" configuration, the basis of which is a quadplane i.e., one having at least four vertical propulsors and one horizontal propulsor. Such a VTOL fixed-wing aircraft is often used as an unmanned aerial vehicle (UAV) or as a full-sized aircraft for urban air mobility (UAM) applications.

A reason as to why "lift-and-push" configuration is widely adopted is because it involves no rotatable propulsors and wings which translates to lower maintenance costs and enhanced reliability and safety. However, despite popularity of the "lift-and-push" configuration, it is not without shortcomings.

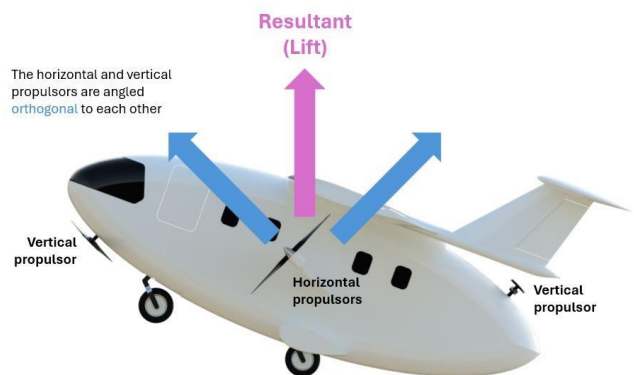
Among them is potential susceptibility to undesirable vortex ring state (VRS) during vertical landing as discussed in Ref. 1, and inefficiency during forward flight in terms of weight and speed owing to the fact that the forward thrust is provided only by the horizontal propulsor while all the vertical propulsors are powered down or inactive [2].

In this article, we present a VTOL fixed-wing aircraft configuration that addresses the inherent shortcomings of the "lift- and-push" design, and this aircraft configuration is a result of our research and development efforts. This aircraft achieves vertical flights based on the concept of retarded harrier maneuver [2].

In the original concept, the airplane takeoffs vertically with a pitch angle of  $45^\circ$  [3]. Additionally, this airplane configuration has powerful yaw and its generally positive pitched up angle during vertical flights enables the airplane to continue to retain flight controls in strong wind with wind speed just below its cruising speed. This means the airplane may be deployed in bad weather conditions such as in the aftermath of a typhoon for search and rescue (SAR) operations. The flight concept was further refined to make it more suitable for passenger carrying applications by lowering the hovering pitch angle from  $45^\circ$  to  $20^\circ$  which is close to that of a Concorde during takeoff / landing. The improved variant is as shown in Fig. 1, and it achieves vertical flights via resolution of thrust vectors as illustrated in Fig. 2.



**Fig. 1** The improved variant in which the propulsors are rotated by  $25^\circ$  w.r.t. the vertical axis, lowering the takeoff pitch angle to  $20^\circ$ .



**Fig. 2** The aircraft achieves vertical flights via resolution of thrust vectors (in blue).

# 05 MAIA Member's Articles

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Unlike the "lift-and-push" configuration, the airplane's propulsors are arranged such that they are at an angle with respect to the horizon when the aircraft is in a level position. The angled placement of the propulsors during vertical landing mitigates the occurrence of vortex ring state and this would dramatically enhance flight safety.

Furthermore, simultaneous use of all propulsors during vertical flights results in significant reduction in weight of propulsion system as well as a higher thrust-to-weight ratio (and hence a faster flight speed) [2]. During level flight, the horizontal propulsor along with the deflector assembly may be placed parallel to the incoming airstream for optimal cruising efficiency.

## References:

1. A. Scerri (2023) Sophrodyne's Richard Brown on the susceptibility of eVTOL aircraft to vortex ring state. <https://verticalmag.com/q-and-a/sophrodynes-richard-brown-on-the-susceptibility-of-evtol-aircraft-to-vortex-ring-state/>
2. C.K. Poh and C.H. Poh (2021) Retarded Harrier Maneuver as a New and Efficient Approach for Fixed-Wing Aircraft to Achieve S/VTOL. *Advances in Aerospace Science and Technology* **6**, 81–92.
3. C.K. Poh and C.H. Poh (2020) *Airplane with Tandem Roto-stabilizers* (U.S. Patent No. 11407506B2).

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## Sustainability at UMW Aerospace

UMW Aerospace is driven by the belief that opportunities for growth, value creation and future business resiliency lie in the ability to utilise and deliver solutions that contribute to resolving critical global issues. The company is cognisant of the fact that as an Aerospace complex machining manufacturer, its operations are also dependent on high-energy inputs. With a growing body of evidence suggesting that the world is reaching a tipping point for climate action, UMW Aerospace is fully embracing the green agenda by investing in three big-ticket renewable energy and energy efficiency initiatives. They are:

- A Rooftop Solar Panel System, with a capacity of 1251 kWp and an expected annual CO<sub>2</sub> reduction of 800 TCO<sub>2</sub>e to 1300 TCO<sub>2</sub>e
- The installation of regulated speed air compressors with an estimated CO<sub>2</sub> reduction of 100 TCO<sub>2</sub>e to 130 TCO<sub>2</sub>e per year, and
- Chiller Optimisation through an Artificial Intelligence temperature regulation system, that would result in an annual CO<sub>2</sub> reduction of approximately 150 TCO<sub>2</sub>e to 180 TCO<sub>2</sub>e

These initiatives are further complemented with several other long-established efforts towards enhancing its energy, waste, and water management. This includes the installation of LED lights to replace excess high bay lights in its facility and an ongoing internal campaign to reduce paper and plastic consumption amongst employees.

The company has also installed a rainwater harvesting system to reduce its reliance on treated water for general use. In 2024, UMW Aerospace's industrial facilities received a Gold rating from GreenRE, Malaysia's leading green building certification body – setting a benchmark for aerospace manufacturing companies in the country.

# UMW

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At UMW Aerospace and the wider group of companies it belongs to; pursuing environmental sustainability is not just about addressing the risks of climate change; it is about prioritising the positive opportunities that climate action can bring. Its sister company, UMW Innovation and R&D Centre successfully developed a range of bio-hydraulic lubricants from locally-sourced palm oil, driven by growing demand for greener lubricants.



# 06 MAIA PAST EVENTS 2024

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No.	Event	Date	Venue
1	SME Startup Workshop	19 Jan 2024	UniKL MIAT, Subang Campus
2	<b>Singapore Airshow 2024</b>	20-25 Feb 2024	Changi Exhibition Centre
3	CREST grant launching ceremony	11 Mar 2024	Kuala Lumpur
4	CREST Workshop – Industry Insights on Skillset Requirement	1 Apr 2024	Subang, Selangor
5	CREST Workshop – Academia Insights on Skillset Requirement	17 Apr 2024	UM, Petaling Jaya
6	<b>Avionics Workshop</b>	23 Apr 2024	Penang
7	<b>Drone Awareness Seminar</b>	3 May 2024	Kuala Lumpur
8	<b>MAIA President’s Dinner 2024</b>	29 May 2024	Kuala Lumpur
9	MAIA Annual General Meeting 2024	12 June 2024	Subang, Selangor
10	MAIA Business Bonding – Q2	12 June 2024	Subang, Selangor



# 06 MAIA Past Event – President’s Dinner 2024

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The Malaysia Aerospace Industry Association (MAIA) hosted its inaugural President’s Dinner on May 29th, 2024, at the President Ballroom of M Resort & Hotel, Kuala Lumpur. The event, which was a first of its kind for the Malaysian Aerospace Industry, brought together more than 300 industry seniors from across the entire spectrum of the aerospace industry - manufacturing, MRO (Maintenance, Repair & Overhaul), design, services as well as business aviation as well as from the growing drone sector.

YB Senator Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz, Minister of Investment, Trade and Industry (MITI), as the guest of honor, highlighted that the aerospace industry’s contributions to Malaysia’s economic growth and technological advancement over the past decade. In 2023 alone, the industry achieved revenues of RM18 billion, with exports reaching RM6 billion, reflecting a substantial contribution to the nation’s economy.



During the evening, YB Minister also presented various awards at the dinner, in recognition of significant contributions both at the corporate and individual level to the Aerospace Industry in Malaysia. Adjudged by an independent panel, these awards included the following categories:

Leadership Competencies and Development Award, won by DVIATION Group ; Aerospace Catalyst Award, won by PEN Aviation Sdn Bhd ; Influential Aerospace Entrepreneur Award won by PEN Aviation Sdn Bhd ; Sustainability and Environmental Stewardship Award won by CTRM Sdn Bhd; Aerospace Phoenix Award won by Ms Su Lyn Doong from GE Aerospace Malaysia and lastly the Aerospace Premiership Award won by Mr Viknesvaran Alagan also from GE Aerospace Malaysia.



In closing, En Naguib thanked the sponsors and the MAIA members for their continued support and dedication to the aerospace industry and reminded the guests that we need to remain agile, adaptable and forward-thinking in order to keep abreast of the rapid evolution of the aerospace industry.

# 07 MAIA UPCOMING EVENTS 2024

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12-14 Sept  
2024

Selangor Aviation Show  
2024

Subang Airport,  
Skypark RAC



18-21 Sept  
2024

International Bali Airshow  
2024

Ngurah Rai  
International Airport



26-28 Sept  
2024

MRO APAC Singapore

Singapore



3-5 Dec 2024

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