



**Association of
Aerospace Industries
(Singapore)**

AAIS Updates: 6 April 2021



Sustainability: JTC's SolarRoof tender awarded to Sembcorp Solar

To ease companies' access to solar deployment and make industrial estates more environmentally friendly, JTC has tailored its SolarRoof contract to allow companies to engage the appointed system operator (Sembcorp Solar) to solarise their building roofs and also to tap on the solar rates. This initiative aims to fast-track solar power adoption on the rooftops of 50 JTC buildings and those of JTC's lessees, spanning about 18ha. It is expected to create 15 megawatt-peak (MWp) of solar deployment by 2022.

There are two types of solar deployment business models offered by the operator:

1. Rooftop licensing – Property owner licenses their roof area to vendor for solar PV installation at no cost. The generated electricity from the solar PV system is then sold to the grid (SPPG) and the property owner will receive a rooftop license fee (in terms of \$/m² of roof area).
2. Solar leasing – Property owner allows a solar vendor to install solar PV on their roof at no cost. The property owner will then purchase the generated electricity from the solar vendor at a discounted rate.

Details on the business models and the link to a listing of the various solar vendors can be found in the infokit below. Companies can choose to engage with the appointed system operator (Sembcorp Solar) or approach any other solar vendors.

For further enquiries, please contact your JTC officer-in-charge.

[**Click here for the JTC Solar Deployment InfoKit**](#)

Safe Management Measures (SMMs) at Workplaces - with effect from 5 April 2021

As announced by Minister Lawrence Wong on 24 March 2021 - up to 75 per cent of employees can return to the workplace at any one time, with effect from 5 April 2021. Please refer to the infographics below for the updated SMMs at Workplaces.

Safe Management Measures (SMMs) at Workplaces

With effect from 5 April 2021



More employees may return to the workplace. Employers are still strongly encouraged to support as many employees to work from home as possible.

- Up to 75 per cent of staff can return to the workplace at any one time.
- No restriction on the duration spent at the workplace.
- Implement flexible working hours where possible.
- Split teams are no longer mandatory.

Social activities, such as team bonding, will be allowed, but limited to a group of no more than eight persons.

- Multiple groups of eight persons are not permitted.
- No change to the current SMMs on physical work-related events, such as townhalls and workplan seminars, which remain capped at 50 persons.

For COVID-19 advisory for businesses:
www.enterprisesingapore.gov.sg/covid-19

For prevailing SMM and sector-specific requirements:
www.go.gov.sg/SMM

<https://covid.gobusiness.gov.sg/safemanagement/general>
("Safe Management Requirements")

For info on other support measures:
covid.gobusiness.gov.sg

Information accurate as of April 2021.



"COVID-19 Chat for Biz" chatbot
Get real-time responses to your queries now!

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Update on AAIS Panel of Experts

Our Panel of Experts was formed in 2017 to support our members with advice, drawn from the Panel members' extensive experience and expertise, as senior executives in the industry. We briefly highlight here the work of just two of the Panel members:

Mr Robin Thevathasan has been chairing our COVID-19 Taskforce since March 2020, actively contributing towards the joint AAIS-EDB study on the Future of Aerospace. He is also concurrently representing AAIS on the standards working group for UAS in relation to building facade inspections.

Mr Mervyn Sirisena has been representing AAIS in various committees of the International Coordinating Council of Aerospace Industries Association (ICCAIA), to which AAIS has Temporary Observer Status. He is also newly appointed as AAIS' representative on the Aerospace Standards Technical Committee in support of the Singapore Standardisation Programme.

Our other Panel members are also contributing in official and unofficial ways and we will share more about them in future. We are deeply appreciative of their service to the Aerospace community. AAIS members who wish to be in touch with the Panel of Experts are welcome to contact the secretariat.

[Click here to view the full list of AAIS Panel of Experts](#)

Women in Aviation & Aerospace with Airbus

To celebrate International Women's Day, AAIS and Airbus Singapore co-organise an online talk about Women in Aviation & Aerospace on 5 March 2020 for about 90 students from the local polytechnics and universities.

To start off the programme, the students were warmly welcomed by Mr Mads Bondergaard, Airbus Head of Operations APAC & 2nd Vice-President of AAIS.

Thereafter, Airbus Quality Customer Services Manager Ms Ivy Tan and Airbus Airline Marketing Director Ms Marie-Amelie Clotteau shared on their respective career development journeys in the largely male-dominated aviation & aerospace industry.

The final segment of the programme was a lively Q&A session where students participated actively by asking wide-ranging questions such as, "What are the major challenges and setbacks faced as women in this industry?", "How can women in the industry strike a balance in their work and personal lives?", and "How are women empowered by corporate & HR strategies in the case of Airbus?".



Challenges of employee transportation and the potential of smart mobility

Aerospace companies are mostly located in areas less well-served by public transportation. To ease their employees' daily commute, many companies organise transportation. During the pandemic, planning for and providing such transportation has become much more complex because of changes to working schedules and flexible work arrangements.

In a webinar on 18 March 2021, participants heard from Ms Grace Tan of SIA Engineering Co and Mr Nick Stipp of SWAT Mobility as they described the journey that SIAEC and other companies have taken in adopting smart mobility solutions for employee transportation. Ms Tan spoke of the challenges in organising employee transportation and how SIAEC managed the transition towards smart mobility. Mr Stipp described additional case studies and how smart mobility was able to solve or alleviate some of the problems facing company transport planners and employees.

[Click here to watch the webinar](#)



Upcoming Industry Activities



CO-ORGANISED BY SUPPORTED BY

Accelerating Distributed Manufacturing in Aerospace Industry with AM

Open grant call for parts analysis and design for AM



Apr 15, 2021
(2 PM - 3:30 PM)
(GMT+8)

NAMIC is co-organising this hybrid webinar with AAIS, to introduce an AM digital initiative to support companies for post-pandemic recovery.

In the past year, the aerospace industry has been heavily impacted from the widespread fallout due to the COVID-19 pandemic, especially the airlines, MROs and suppliers. In this hybrid webinar hosted virtually and in-person, we will be introducing an AM digital initiative to support companies to create digital warehouses, and re-think how their business can benefit from on-demand materialization with distributed manufacturing enabled by AM. Accelerating lead time is one of the key outcomes – it is an important factor for customer satisfaction and inventory management. We envision to have a dialogue, and help all of you understand the value of AM and on-demand distributed manufacturing for transforming the Aerospace industry as it recovers from the pandemic.

For this purpose, together with our co-organising partner, **AAIS**, we have invited ST Engineering, Additive Flight Solutions and Flare Dynamics as our guest speakers.

ST Engineering and Additive Flight Solutions (via parent company SIAEC) offer products with DOA and POA certification, and have worked with NAMIC on several initiatives., and have worked with NAMIC on several initiatives. Flare Dynamics, a Singapore-based drone engineering and design company, will share their experience on deploying design-for-AM and electronic 3D printing on the drone body to improve functionality and realize light-weight designs. Enabling a local on-demand distributed manufacturing network with improved functional designs can help MRO companies move up the value chain, and lessen external supplier dependencies due to force majeure events. Participants will also learn about the certification and qualification requirements in the Aerospace industry – a topic for discussion.

Join us to discover the growth opportunities that AM can bring to the Aerospace industry.

[Learn more](#)

[Register](#)



Briefing on the ICAO Council Aviation Recovery Taskforce Phase III recommendations



Apr 20, 2021
(9 AM - 10:30 AM)
(GMT+8)

From the onset of the COVID-19 crisis, the aviation system has faced ever-growing challenges. The International Civil Aviation Organization (ICAO), through the Council Aviation Recovery Task Force (CART), in partnership with its Member States, international and regional organizations, and industry convened twice last year to address these challenges and to provide global guidance for a safe, secure and sustainable restart and recovery of the aviation sector.

The CART reconvened in early 2021 to review and update its guidance for States to counter the headwinds and accelerate the momentum for aviation restart and recovery. Following the emergence of virus variants, progress in vaccine rollouts and new tools for combating COVID-19, the work of CART has targeted specific issues related to testing and vaccination of passengers as part of a State's multilayer risk management strategy.

In a first-ever partnership, the International Coordinating Council of Aerospace Industries (ICCAIA), AAIS (Singapore), MAIA (Malaysia) and SJAC (Japan), are pleased to present this webinar to brief aviation and aerospace organisations in the Asian region on the CART Phase III recommendations. This briefing will offer insights as to how organisations can play their part in an internationally coordinated effort to restart the recovery of aviation.

[Learn more](#)

[Register](#)



Global Drone Security Network

by DroneSec



Apr 27 & 28, 2021
(GMT+8)



Online
Singapore

The Singapore UAS Community is pleased to collaborate with DroneSec on their upcoming Global Drone Security Network (GDSN) #3.

The GDSN is a community event from DroneSec that focuses on cutting-edge study, research and work in the drone, counter-drone and UTM security space. The aim of GDSN is to bring awareness of the security aspects of unmanned systems and the potential solutions that will and should be available in the coming years.

GDSN is the only event of its kind focusing on Cyber-physical security, Threat Intelligence, Counter-Drone, and UTM security. GDSN taps on stories, use cases and research in the area of unmanned security that have not been shared before. UAS Security sometimes does not appear to align with 'innovation' in the field - when really, it serves to prevent restrictions and uplift safety within the industry. The first GDSN was held in Singapore with a guest speaker from INTERPOL and the second one was held virtually with 9 international guest speakers. Our Speakers currently work within drone bug bounty programmes, counter-UAS operations, threat intelligence, first responders, physical security guards, laws and regulations and more.

[Learn more](#)

[Register](#)



Uplifting your Aerospace Business' Innovation Journey

29 April 2021 11 am



Apr 29, 2021
(11 AM - 12 PM)
(GMT+8)

Aerospace is a critical and relevant sector for Singapore's economy. Various companies in this sector are preparing themselves for the eventual upturn upon resumption of air travel, while others are looking to build upon their core

capabilities or adopt new technologies to diversify into other areas.

This webinar, jointly organised by the Association of Aerospace Industries (Singapore) and IPI on 29 April 2021, aims to help you understand more about IPI's suite of services and how your business innovation journey can be enhanced through tech matching, open innovation and advisory support.

[Learn more](#)[Register](#)

Upcoming Courses

Introduction to Pyrometry AMS2570F

Date: 15 & 16 April 2021 (Confirmed)
Type: Classroom Learning

This course provides an overview of AMS 2750, associated requirements, and considerations and implementation of a heat treater for compliance. It covers: basic temperature sensors (thermocouples), applications for sensors, considerations for the working environment, sensor verification and effective use of sensors.

[Find Out More](#)

FAA Part 145 Safety Assurance Systems (SAS) Repair Stations including EASA differences, PMA/TSOA & Approved Parts, FAA Form 8130-3 Usage, and SMS Updates

Date: 22 & 23 April 2021
Type: Classroom Learning

This course is for Quality personnel tasked with responsibilities within repair station operations.

[Find Out More](#)

Nadcap Checklist Review - Welding

Date: 10 & 11 May 2021
Type: Classroom Learning

This course will provide a complete overview of Nadcap requirements related to the Welding audit. It is conducted by experienced instructors who are experts in Nadcap Welding requirements.

[Find out more](#)

AS 9100:2016 Internal Auditor Course

Date: 20 & 21 May 2021
Type: Classroom Learning

This course provides auditors with a full understanding of the global aerospace standard and the skills to undertake effective audits within their organisation based on AS 9100 Rev D (QMS – Requirements for Aviation, Space and Defense Organisations).

[Find out more](#)

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Note: To create an account, go to
<https://aais.glueup.com/register/by-email/> .



Day Pass for Runway21 Serviced Office

Need a temporary workspace at Seletar Aerospace Park?

You can now purchase a day pass for Runway21 serviced office at JTC Aviation Two Business Centre, subject to a limited capacity.



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