

interFACe

The magazine of the Farnborough Aerospace Consortium



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FAC Membership during the Lock Down! With Alan Fisher, the FAC's Membership Advisor



Our members are very important to us which is why we have decided to offer members the option of a membership payment by monthly direct debit instead of the annual lump sum which hopefully will help you through these dark times, we have also continued to reach out to our members to see if there is anything they may need.

We continue to be approached by new members and we are pleased to announce that Ontic are our newest recruits, and I am sure you will join me in welcoming them to FAC.

Finally, the membership team is always here and should you need any support or help in anyway, please do not hesitate to contact us direct.

If you wish to speak to Alan Fisher, please email him [HERE](#)

Safran and AGP webinar: An Insight into low cost Industry 4.0 for Covid Recovery

On the 24th September FAC hosted probably its most successful webinar of our summer series presenting

A Safran and AGP webinar: [An Insight into low cost Industry 4.0 for Covid Recovery - Safran UK](#)

The webinar was given by Adrian Banks, WP2 Digitalisation for Competitiveness.

Some of the topics covered: Background and history; Industry 4.0 Journey; Industry 4.0 for COVID Recovery; Low Cost Industry 4.0 future; Robotics in Safran UK.

We will be hosting many more over the coming weeks and this month we have two that should be of interest; they are:

Fairfax Interactive Online Event:

- 3rd November - 2: US/UK Free Trade Agreement – what barriers to entry – how to make it easy!

FAC continues to identify topics that are of interest, but if you have a particular topic you wish to be shared please email kim.yeomans@fac.org.uk

Onwards and Upwards

The **FAC** Team

FAC calls for COVID tests to help aerospace sector



David Barnes, chief executive of Farnborough Aerospace Consortium (FAC)

One of the leading voices in the aerospace industry is calling for any new rapid COVID testing kits to be fast-tracked into airports to help save the sector.

Farnborough Aerospace Consortium (FAC) has said that without extra help more businesses in aviation and its supply chain could fail.

The industry was one of the first affected by the pandemic and it continues to struggle with 12,000 UK jobs already lost or at risk.

The global aviation and aerospace sector has just been through its worst ever quarter with a record low orders for new aircraft.

In fact in September fewer than 15 new orders were placed, compared with more than 150 in 2019.

David Barnes, chief executive of the FAC, said: “Rapid COVID testing could make a huge difference by helping to get people back in the air – giving confidence to both travellers and the authorities.

“This would stimulate the sector thereby helping to save businesses and jobs.

“Clearly the first priority with any COVID testing should be based on national health needs, but thereafter the international aerospace sector would benefit hugely from its introduction at airports.

“With the whole of the aviation and aerospace industries having to deal with the downturn in business, anything to get carriers moving would be of great assistance to us all.

“If airport authorities were able to know that passengers were arriving COVID-free there would be little to prevent passenger traffic the getting closer to where it was in 2019.

“This, in turn, would also be important to support businesses of all types; from engineering to cleaning companies.

“The aerospace sector is worth £35 billion to the British economy and we are one of the world leaders – a position we really must maintain.

“Restoring the aerospace sector activity levels would also help other industries, such as tourism and hospitality.”

FAC has around 200 members both in the UK and abroad and is one of the longest established aerospace and trade associations in the UK.

www.fac.org.uk

Paris Air Show 2021



From Monday 21st June 2021 to Sunday 27th June 2021 from 08h30 at 18h00

The 54th [International Paris Air Show SIAE](#) will be held in June 2021 at Paris Le Bourget.

A show at the heart of innovations

A little bit of history : From the very first edition in 1909, the show already had international importance. The Paris Air Show contributed to the presentation of numerous technological innovations. The air show is the key event in the world market for the international aerospace and aircraft industry. It is open to the public for a few days as the remainder of the time is devoted to professionals. It is certainly at the origin of promoting careers in the aerospace industry.

1909: The 1st show devoted entirely to "Aerial Locomotion"

2011: Trade show of all records held and presentation of the first Solar airplane, the "Solar Impulse"

2013: SIAE became the 3rd international event to receive the ISO 20121 eco-friendly label

Air show opening-hours from June 25th to 27th 2021. Flying demonstrations will take place daily from 12:30 to about 4:30 p.m. – Rafale, Mirage, Tiger, Typhoon, Squirrel, Falcon... and many others.

If you are interested in exhibiting with FAC at the Paris Air Show please email [FAC HERE](#)

FAC flying high with new member - ONTIC



Ontic has become the newest member of the Farnborough Aerospace Consortium - FAC South East Aerospace.

Ontic, headquartered in Cheltenham, is a leading supplier of end item assemblies and parts, as well as repair and overhaul services for mature aerospace platforms, under license or acquisition, allowing OEMs to focus on current and future programmes.

With a fast growing portfolio of more than 7,000 end item assemblies plus their associated components

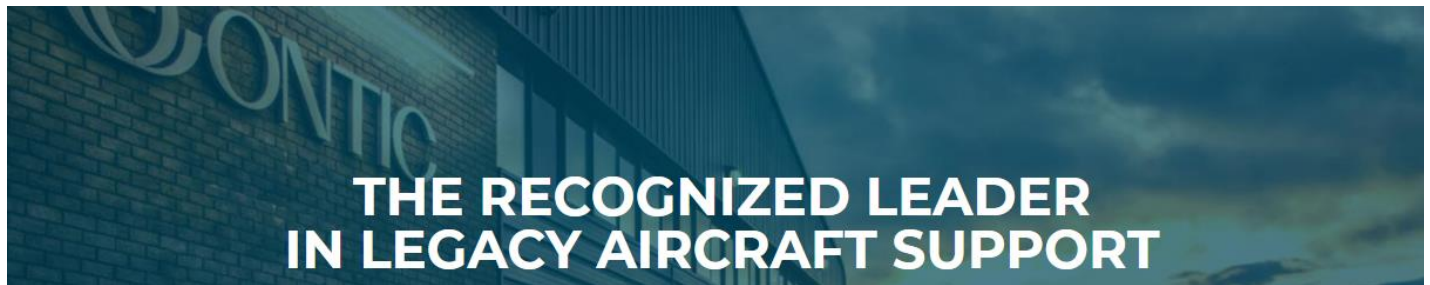
Capabilities include:

- * Avionics, electronics, fuel, hydraulics, electromechanical, heat transfer and power
- * Major systems including landing gear, fuel measurement, engines and APUs
- * Operating under the ONTIC brand
- * Large, diverse, global customer base; mix of civil and military
- * Locations in UK, US and Singapore

PRODUCTS AND SERVICES

Leading global provider of mature / legacy parts and repair & overhaul services

- * License or acquire your non-core products or systems
- * Transition to our facilities
- * Supply chain management for cold start or low volume / high mix components
- * Engineering excellence through obsolescence



Gareth Blackbird, Chief Commercial Officer, Ontic said:

"We are delighted to join the FAC and look forward to building upon this new relationship; working with our UK supply chain to deliver competitively for our customers and our wider partner network."

FAC (Farnborough Aerospace Consortium) is a business-winning trade association with national and international members. It is the longest established aerospace and defence trade body in the UK, providing support to some 300 companies located in southern England and in the aerospace industry and its supply chain.

David Barnes, Chief Executive Officer of FAC, said:

"Our membership is growing quickly and the industry is proving resilient and optimistic."

"We work tirelessly for our members and with Brexit looming we want to help them be as prepared as possible and to take advantage of any opportunities that arise."

"Our members are of all sizes and we provide a range of benefits and of course the more of us there are, the louder our voice."



Stress Engineering for Earth and Space

About Stress-Space

Stress-Space Ltd (SSL) was founded in 2017 by research staff at The Open University (UK) to create an agile small business that could respond to the growing residual stress engineering needs of advanced manufacture, of Industry 4.0 and of certifying the sustainable lifetime performance of made things.

In July 2019, SSL was appointed as the UK Distributor for innovative X-Ray diffraction equipment (the X-Raybot made by MRX Mesures Rayons X). In November 2019, SSL was selected to participate in the prestigious ESA BIC UK Incubation Programme to develop a new adaptive robotic system capable of automatically mapping surface stresses by X-Ray diffraction across additively manufactured components of complex shape for Space Industry applications. We opened a new Head Office at the Atlas Centre on the Harwell Campus in December 2019 and plan to grow rapidly in the early 2020s.

Coupled with these successes we have attracted substantial residual stress measurement services business over the past year and applied for SPRINT research funding with The Open University to address microstructural stress measurement challenges in additive manufactured components.

Our Offerings

Stress-Space Ltd (SSL) offers an “intelligent capability” for measuring residual stresses in complex geometry structures of any size at competitive cost for diverse space and terrestrial engineering applications.

Our staff use a range of residual stress measurement methods including the Contour Method, X-ray diffraction, neutron diffraction, synchrotron diffraction and hybrid methods.

We collaborate with customers needing access to the Diamond Light Source, the ISIS Neutron and Muon Source, the Central Laser Facility and the wide range of STFC scientific laboratories on the Harwell Campus.

We are the UK distributor for new generation X-ray diffraction measurement equipment for mapping residual stresses (X-Raybot) over complex geometric surfaces.

We sponsor research and development (see blog) aimed at improving residual stress measurement methods, providing engineered residual stress solutions for advanced manufacture and managing the impact of residual stress on the lifetime performance of components and structures.

Contact Stress-Space

To help us best serve your inquiry, we recommend that you first describe the issue you’re having before telling us what you want to achieve. You may also email or call us direct. Our general response time is one business day.

contact@stress-space.com

+44 (0)7884 261484

Find the Stress-Space Ltd website [HERE](#)

MEMBER SPOTLIGHT



**DEPENDABLE ENGINEERING,
CERTIFIED SOLUTIONS**

A new look as Cascade Engineering.

We have refreshed our brand at Cascade Aerospace Engineering, so we are now Cascade Engineering.

Whilst updating our appearance, it also allows us to highlight that we support all aspects of Structural design and development, from initial concept right through to final certification and even in-service support. We can also arrange for the manufacture of the solutions we develop, arrange for relevant testing and have a product delivered to you using fully certified aerospace organisations.

This refresh also reflects the support we provide within the Marine, Energy & Defence sectors. Over the coming months, we plan to tell you about some of our exciting projects and capabilities. If you want to find out more then please visit our new [website](#) - perhaps you will discover we can provide the solution you need for a current or upcoming project.

Cascade Engineering encourages all sectors to take advantage of our core expertise within structural design & analysis engineering; assuring you the support that you, our aerospace customers, have come to depend on.

[FIND OUT MORE](#)

MEMBER SPOTLIGHT



Component Process and Repair Ltd

Component Process and Repair (CPR) based in W. Sussex is a highly capable and reputable Engineering business working primarily within the Aerospace and Industrial Gas Turbine sector.

CPR have the in-house capability for producing parts and repairing, rejuvenating components within the Turbine. Hot and Cold Sections; such as casings and seals to combustors, blades and nozzle guide vanes. Our heat treatment, vacuum oven and metal spray technology is exported as far afield as the Americas and the Middle East.

Adopting and operating a comprehensive Covid19 policy, stringently adhering to safe practices we have been able to operate our full service during the pandemic and have been fortunate to have continued working as normal, despite the upheaval of social distancing and additional safety measures.

Recent workload allowed CPR to recruit 3 further Engineers within Quality and Production.

Our future plans include participating in the government apprentice scheme, supporting and nurturing local talent.

Our Website is: www.cprlimited.co.uk



Changes to funding rates for ATI Programme

<https://www.ati.org.uk/events-media/news-blog/changes-to-funding-rates-for-ati-programme/>

Changes have been announced today with reference to funding rates for the ATI programme.

From 1st October 2020, the 50:50 matched funding policy for new Industrial Research applications to the ATI Programme will be suspended. Instead, all project partners can claim the funding rates for industrial research defined in the State Aid Regulations. These rates will be available for one year and will cover the life of the projects who successfully apply during this period. Following a review, the Government may extend the period these rates are available for an additional year. This change will also apply to the NATEP Autumn 2020 and Spring 2021 calls and the ATI Programme: R&D Funding for Smaller Businesses 2020 call.

A Q&A on the changes is available here:

<https://www.ati.org.uk/events-media/news-blog/q-a-changes-to-funding-rates-for-ati-programme/>

NATEP

The National Aerospace Technology Exploitation Programme is a £10m programme to develop 60 aerospace technologies in the UK aerospace supply chain.

- The Aerospace Growth Partnership developed the National Aerospace Technology Exploitation Programme (NATEP) aimed at small and medium-sized suppliers to help them develop their own innovative technologies to enhance their capabilities and increase their ability to win new business with higher tier companies anywhere in the world.
- [Click here for more information](#)

NATEP FUNDING LEVELS INCREASED

- ATI have announced that following government approval funding intensity levels for NATEP projects will be increased for Micro, SMEs, Mid-size companies and RTOs with effect from the Autumn 2020 Call.
- This announcement makes NATEP projects even more attractive during these difficult times when finances are particularly tight and will significantly assist in making sure Innovation in the UK Aerospace industry continues.
- There will be Ministerial announcement on social media, a statement/Q&A is now live on the ATI website and an item will be included in next week's Elevation newsletter.
- If you want to find out more, please contact any of the NATEP Technology managers: [Tim Ward](#), [Alan Maskell](#), [Kevin Morris](#), [Duncan Shepherd](#)



Support for businesses affected by coronavirus

Business support: The Recovery Advice for Business scheme

The government and [Enterprise Nation](#) have teamed up to give small firms access to free, one-to-one advice with an expert adviser to help them through the coronavirus pandemic and prepare for long-term recovery. Businesses can get access to bespoke specialist help from professional bodies and trade associations on a wide range of topics.


This offer is available until 31st December 2020. For more information please see the [Enterprise Nation](#) website.

Enterprise Business South

If you are thinking of starting your own business, or are looking for support to help your business grow, [Enterprise Business South](#) has introduced new support packages which will provide you with 12 months support, free for residents and business owners in Rushmoor.

You will receive:

- An initial one-to-one introduction to discuss your business
- Access to your own business adviser for 12 months
- Access to free workshops and master classes
- Free business toolkit and templates
- Business guides
- Ongoing support via email and Zoom for a full year

For more information on how to get your  [Rushmoor voucher \[1022kb\]](#) email info@enterprisesouth.co.uk or call 0844 2253130.

If you would like to receive updates and information about business in Rushmoor please register [HERE](#)



Women in Aviation
& Aerospace Charter



———— INVITE FOR VIRTUAL EVENT ————

WHAT'S YOUR PASSION?

WIAAC REPORT LAUNCH

Find out why your passion is key to driving your business to deliver a better inclusion strategy at a Women in Aviation & Aerospace Charter virtual event to launch its new gender balance report from Korn Ferry.

Confirmed speakers:

Robert Courts MP – Minister for Aviation and Maritime

Baroness Sue Campbell DBE – Director of Women's Football at the FA

Anne-Marie Taylor – Associate Client Partner, Korn Ferry

Jacqui Sutton and Sumati Sharma – WIAAC Co-Chairs

The keynotes will be followed by a live Q&A, giving you a chance to ask questions to our speakers.

———— **November 11th, 10:30-11:30am (GMT)** ————

**There will be a two-minute silence for Remembrance Day at 11:00am*

Click [HERE](#) to register



NMIS/AFRC – REMAKE Questionnaire

The Machining and Additive Manufacturing Team at MNIS have interest in gathering information and opinion from aerospace organisations to improve knowledge gauge interest levels in REMAKE technologies.

I would be extremely grateful if you could take the time to complete a questionnaire, which can be located at the address provided below.

https://stratheng.eu.qualtrics.com/jfe/form/SV_6gIhwlXVqTxMC9

All submitted information is treated in confidence and is not being used for commercial endeavour.

Should there be any queries or if you wish to find out more, please find my contact details provided below.

Dr Barry McGhee, Business Development Team, Advanced Forming Research Centre

(+44) 141 534 5200

(+44) 07779 111 681

barry.mcghee@strath.ac.uk





JOB SUPPORT SCHEME FACTSHEET

The furlough scheme will come to an end this Saturday 31 October, and will be replaced by the new Job Support Scheme (JSS).

Last week the government announced an extension of its Job Support Scheme, which starts on November 1.

We have updated our Job Support Scheme factsheet to include details on:

- Eligibility for the scheme
- The support employers will receive
- How employee's pay and grant will be calculated
- Support for businesses in high-alert level areas
- Job retention bonus

You can download the fact sheet for free [here](#).

For the latest information see www.realityhr.co.uk/rebalance

FACevents

It has been a busy few months for the FAC team. Normally we would be arranging a number of events throughout the summer months but due to the current Covid pandemic, this has not been possible so we have been working hard with our members and key stakeholders to arrange a series of virtual events entitled “Fight or Flight”.

Topics for these will range from how to maximise the available tax credits form HMG to managing through the exit from Covid and continue your technology strategies.

We have already had several very successful webinars starting with our first on the 24th June which introduced Microsoft Teams and some of the innovative improvements that have been made to the App.

We have detailed the future events below, so you can make a note in your diaries, don't worry if you miss some as they will all be recorded and you can catch up whenever is convenient.

Find the recorded webinars [HERE](#) (Scroll to **WATCH AGAIN**).

FIGHT OR FLIGHT	TITLE	PRESENTER	PLACES	TYPE
November 3rd	US/UK Free Trade Agreement – How does this affect you? Part One	FAC/Fairfax County	November 3rd at 10am	Interactive Workshop

If you wish to find out more or to book your place please click [HERE](#)

3rd November at 10 am - US/UK Free Trade Agreement

What barriers to entry/How to make is easy!

Please click the image to book!



Non-FAC EVENTS



Delivering prosperity through innovation

ENTERPRISE M3 NEWS

Farnborough to host new Space Expo and conference

Farnborough International Exhibition and Conference Centre is to host a new exhibition and conference set to drive growth across UK space sector.

Space-Comm Expo, taking place on May 25 and 26 2021, will present a showcase of technology, thought-leadership, debate and analysis, and business growth opportunities.



Hosted by Farnborough International and Hub Exhibitions, with support from the UK Space Agency, UKSpace, ADS Group, KTN and other founding partners, Space-Comm Expo is an opportunity for industry, academia and government to meet with a dedicated focus on exploring the commercial future of space for business, defence and aerospace.

Graham Turnock, CEO of the UK Space Agency said: "The UK Space Agency is pleased to support the Space-Comm Expo. This platform will showcase the innovation, entrepreneurship and international collaboration that characterises the UK's commercial space sector. It's a fantastic opportunity to come together after what has been a very challenging 2020 for everyone, and to look ahead to the UK's future opportunities in space."

The space and satellite sector in the Enterprise M3 region is one of the top five areas in the UK with a total turnover of £9.7bn. The industry is one of the LEP's top priorities as its high potential for growth is perceived as critical for the region's economic recovery and renewal.

More information on EM3's space sector is available [here](#).

Rushmoor Business Conference

Thursday 5 November
Online from 9.30am



www.rushmoor.gov.uk/businessconference

MENZIES
BRIGHTER THINKING

ENTERPRISE
ACCREDITED BUSINESS

fsb

GROWTH
HUB

Hampton
Chamber of
Commerce

ENTERPRISE
ACCREDITED BUSINESS

RUSHMOOR
BOROUGH COUNCIL

Rushmoor Borough Council and its partners would like to invite you join the Rushmoor Business Conference 2020!

This is a day of FREE online events for you to get valuable information and support to help grow and develop your business.

Sessions will be on Rushmoor Economic Recovery Plan, starting a business in Rushmoor, forecasting , adapting your business, kickstart and the Government's new Job Support Scheme.

Full information on the sessions available at www.rushmoor.gov.uk/businessconference.

Or click [HERE](#)

Sign up for as many—or few—sessions as you like!



Exchange Ideas, Share Best Practices and Network with Military and Industry Sustainment Leaders

The Military Aviation Logistics & Maintenance Symposium is a dynamic virtual event and forum for members of the U.S. military, DoD civilians, and the commercial aerospace industry to discuss process improvements, innovative technologies and operational readiness concerns regarding military aircraft maintenance, logistics, and sustainment operations.

Aviation Week Network hosts the Military Aviation Logistics & Maintenance Symposium with direct support from the logistics and sustainment leadership of the U.S. Army, Marine Corps, Navy, and Air Force, and the [Logistics Officers Association](#).

Learn more [HERE](#)



Emergency Planning Digital Conference:

COVID-19, Preparedness, Response, and Resilience

Broadcast Live on Wednesday 9th December at 09:30 - 13.20

See the Agenda [HERE](#)



UK & JAPAN AGREE HISTORIC FREE TRADE AGREEMENT

With the news of the UK/Japan trade agreement, there is no better time to join the **UK Pavilion at DSEI Japan**. The UK and Japan are seeking stronger bilaterals, and there will be multiple opportunities for engagement with military VIPs at DSEI Japan.

Read more about the trade deal here.

In addition to over 600 other VIP guests, Japan's Minister of Defence, Tarō Kōno, visited exhibitor stands and held meetings at DSEI Japan 2019.

Enquire today to find out about the attractive exhibiting options for [DSEI Japan](#), taking place **19-21 May 2021**.

[DSEI Japan](#) is the only large-scale, fully integrated defence event to take place in Japan, with over 10,000 local and international visitors attending in 2019. **Space is filling up already, don't miss out on your desired location in the exhibition.**

View the floor plan today.



BOOK A STAND

Clarion Events is continuing to closely monitor the latest public health and government advice in each of the markets where we operate around the world and a document has been drafted of enhanced safety measures to reduce the risks at our global events.

Find out more here

Get in touch today to speak to one of our team.

The DSEI Japan Team

HAVE YOUR SAY

- If you would like to get involved with any FAC activities, please email [HERE](#)
- If you would like to be featured in our monthly MEMBER SPOTLIGHT please email [HERE](#)
- If you have something you would like to contribute to the InterFACe Magazine please email [HERE](#)