

Shoot for the Moon!

Enter the Moon Camp Challenge before 20 April

The Moon Camp Challenge competition is open for submissions until 20 April 2023. Assemble your team, submit your project and compete for a chance to attend an exclusive webinar with an ESA astronaut and win a 3D printer for your school.

Each year, the Moon Camp Challenge competition invites students across the globe to imagine what a functional lunar settlement might look like with the help of 3D modelling tools. The Moon Camp Challenge is an annual competition jointly run by the Airbus Foundation and the European Space Agency (ESA), in partnership with software company Autodesk.

This year, competing teams are once again asked to address the complexities of defining a habitable community on the Moon. And this year's Challenge includes a rule change that improves the competition's accessibility and opens it up to a wider pool of entries: from now on the project no longer needs to be written in English and may be submitted in any language.

The winning teams will take home a 3D printer for their school and the opportunity to participate in an exclusive webinar with an ESA astronaut.

Submissions are invited in the following categories:

- Explorers (up to 14 years old): Students have to design their Moon Camp using Tinkercad and explain their design decisions in a written report.
- Pioneers (from 13 to 19 years old): Students may design their Moon Camp using the 3D design software of their choice, and must also explain their decisions in a written report.

There is also a non-competitive mission for beginners, called Discovery, where entrants can design a single component of a Moon Camp using Tinkercad. This level of participation is for fun and everyone will receive a certificate for taking part!

Teams competing in the Explorers and Pioneers categories must be composed of a minimum of two and a maximum of six students, and the projects need to be submitted by a teacher or educator.

The competition is open for entries until 20 April 2023. So what are you waiting for? Assemble your team and submit your project here: <https://mooncampchallenge.org/>

Quelle:

Airbus Press Release 16 March 2023

Boeing to Produce 184 Apaches for U.S. Army, International Customers

- *Boeing will build E-model AH-64s for the U.S. Army and international operators*
- *Australia is the 18th nation to select Apaches as their attack aircraft*

Boeing [NYSE: BA] will build 184 AH-64E Apaches for the U.S. Army and international customers, including the first Apaches for Australia. This \$1.9 billion award brings the total current funded value of the contract to \$2.1 billion, and has the potential to increase to more than \$3.8 billion with future obligations.

“We are enhancing the U.S. Army’s attack fleet, while supporting additional partner nations and welcoming our newest Apache customer, the Australian Army,” said Christina Upah, vice president of Attack Helicopter Programs and senior Boeing Mesa site executive. “This contract highlights the need for Apaches worldwide.”

The U.S. Army will receive 115 remanufactured Apaches, with an additional 15 Apaches to be procured as options, ensuring significant savings to taxpayers. The additional 54 aircraft will be delivered to partner nations as part of Foreign Military Sales.

This award comes on the heels of the U.S. Army’s Apache fleet surpassing five million flight hours, a milestone proving the AH-64 is the most capable, reliable and versatile attack helicopter.

"This multi-year contract is critical for the warfighter and the entire Apache team," said Col. John (Jay) Maher, U.S. Army Apache project manager. "It demonstrates the Army's commitment to continue putting unmatched capability into the hands of our nation’s finest, while providing stability and predictability for the outstanding citizens and companies that pour their talent into producing the best attack helicopter in the world."

Boeing Global Services will continue to deliver optimal readiness for the warfighter including training devices, spare provisions, support and test equipment kits, depot support, field engineering and technical manuals. Major advantages in the technical publication area allow for a streamlined process approach to re-use data which reduces operational and sustainment costs.

Under the first multi-year contract, signed in 2017, Boeing delivered 244 remanufactured Apaches to the Army and 24 new-build aircraft to an international customer. The AH-64E, built at the Boeing site in Mesa, Ariz., is the most advanced multirole combat helicopter in the world. There are more than 1,275 Apaches currently in operation around the world.

Quelle:

Boeing Press Release 17 March 2023

Condor fliegt im Sommer nach Almería, Spanien

Willkommen in Andalusien: Ab Sommer 2023 wird Condor nach Almería fliegen. Ab dem 12. Mai fliegt Deutschlands beliebtester Ferienflieger freitags von Düsseldorf direkt in die spanische Hafenstadt. Damit erweitert Condor nicht nur sein Spanien-Angebot um ein weiteres beliebtes Ziel, sondern bietet auch die einzige Direktverbindung ab Deutschland an. Durchgeführt werden die Flüge mit einem A320. Reisen mit Condor können bei Veranstaltern und im Reisebüro gebucht werden. Flugtickets sind wie gewohnt unter www.condor.com und telefonisch verfügbar.

Almería liegt in der beliebten Urlaubsregion Andalusien, im Süden Spaniens. Die charmante Stadt begeistert mit weißen Häusern, durch die sich gemütliche Gassen schlängeln. Breite Palmenalleen spenden Schatten, denn Almería ist auch für ihre vielen Sonnenstunden

bekannt. Eine der bekanntesten Sehenswürdigkeit der Region, die beeindruckende Stadtborg Alhambra in Granada, liegt nur knapp zwei Stunden entfernt.

Quelle:

CONDOR Press Release 06 March 2023

Nominierung zur Wahl in den Aufsichtsrat

Der Aufsichtsrat der Deutschen Lufthansa AG hat in seiner heutigen Sitzung entschieden, der Hauptversammlung am 9. Mai 2023 die Wahl in den Aufsichtsrat von Herrn Dr. Karl-Ludwig Kley, amtierender Aufsichtsvorsitzender, von Herrn Carsten Knobel, Vorsitzender des Vorstands und CEO der Henkel AG & Co. KGaA und von Herrn Karl Gernandt, Executive Chairman der Kühne Holding AG, zu empfehlen.

Die Wahl soll jeweils für drei Jahre bis zur Hauptversammlung 2026 erfolgen.

Quelle:

Lufthansa Press Release 03 March 2023

Diehl Metering schließt sich mit STACKFORCE zusammen, um IoT-Möglichkeiten im Bereich Metering voranzutreiben

Am 13. März 2023 ist Diehl Metering, weltweiter Anbieter für Smart-Metering-Lösungen, eine strategische Partnerschaft mit der STACKFORCE GmbH eingegangen. STACKFORCE ist ein deutsches Unternehmen, das sich auf Embedded Software für die Kommunikation von IoT-Geräten und damit verbundene Integrationsdienstleistungen spezialisiert hat.

STACKFORCE und Diehl Metering arbeiten bereits seit vielen Jahren im Bereich Embedded Software für die Kommunikation von Wasser- und thermischen Energiezählern zusammen. Als Experten für die Entwicklung und Anwendung von Connectivity Firmware Stacks für Zähler und andere Low-Power-IoT-Geräte, und mit ihrem tiefgreifendem Know-how neuer IoT- und ‚Low-Power Wide-Area‘- Funktechnologien, hat STACKFORCE Diehl Metering bereits in der Vergangenheit dabei unterstützt, seine Projekte zur Weiterentwicklung der Konnektivität erfolgreich umzusetzen. Durch die strategische Partnerschaft kann Diehl Metering seine führende Stellung im Bereich der Kommunikationstechnik für Smart Meter, Smart Utilities und Smart Cities weiter ausbauen. STACKFORCE erhält mit Diehl Metering einen starken Partner, um sein Geschäftsmodell für standardisierte Software-Stacks im Bereich Kommunikationstechnik für Kunden aus dem Bereich Industrie, Logistik und auch Metering weiterzuentwickeln. Die Partnerschaft wird sich auch auf die Etablierung des globalen LPWAN-Standards mioty® beziehen. Der Funkstandard mioty® ist eine leistungsstarke Technologie, die eine große Reichweite, extreme Robustheit gegenüber Störungen und ausgezeichnete Interoperabilität bietet. Dies macht mioty® besonders gut geeignet für zahlreiche Smart City und Industrie 4.0 Anwendungen. Sowohl Diehl Metering als auch STACKFORCE sind Gründungsmitglieder der mioty® Alliance, die es sich zum Ziel gesetzt hat, mioty® als weltweiten IoT/LPWAN-Konnektivitätsstandard zu etablieren. Als

herstellerunabhängiges Unternehmen wird STACKFORCE sein weltweites Geschäft mit Embedded Software Lösungen für die Sensor-Kommunikation weiterhin ausbauen. Durch die Zusammenführung der Kompetenzen von Diehl Metering und STACKFORCE werden insbesondere die Kunden von besseren Lösungen im Bereich Smart Metering, IoT und Smart X profitieren.

Quelle:

Diehl Press Release 13 March 2023

BDL-Forderungen nach Streikrechts-Einschränkungen sind offensichtliches Ablenkungsmanöver vom Missmanagement der Unternehmen

Im Rahmen der Tarifverhandlung für den öffentlichen Dienst und die kommunalen Beschäftigten ist es in den vergangenen Wochen auch an Flughäfen zu Warnstreiks gekommen. Die überstürzte und hitzige Reaktion der CDU-Mittelstands- und Wirtschaftsunion (MIT), der Arbeitgeberlobby BDA und nun auch des BDL sind politische Ablenkungsmanöver mit dem Ziel, das Unvermögen der Geschäftsführungen in der Luftverkehrsbranche zu verschleiern.

VC-Präsident Stefan Herth sagt zu den aktuellen Forderungen nach Einschränkungen des Streikrechts: "Die aktuelle Auseinandersetzung und die Warnstreiks sind Folge übertriebener finanzieller und personeller Sparpolitik im Luftverkehrssektor. Die Unternehmen können aufgrund des Missmanagements der vergangenen Monate nicht mehr adäquat auf die zurückgekehrte Nachfrage reagieren. Das ist eindeutig nicht die Verantwortung der Beschäftigten oder der Gewerkschaften, sondern Folge des langjährigen, eigenen Handelns im Zuge der unternehmerischen Freiheit. Bei den aktuellen massiven Reallohnverlusten und der gleichzeitig stark steigenden Arbeitsbelastung wegen Personalmangels ist die logische Folge, dass die Beschäftigten sich wehren.

Die Forderungen nach Einschränkungen des Streikrechts seitens der Arbeitgeber sind ein billiges Ablenkungsmanöver vom eigenen Versagen. Statt Grundrechte anzugreifen, sollten sie lieber auf die realen Probleme der eigenen Belegschaften eingehen."

„Es zeigt sich auch, dass durch den Glauben an jederzeit verfügbare und billige Arbeitskräfte, zur Not auch aus dem Ausland, die partnerschaftlichen Elemente der sozialen Marktwirtschaft in den letzten Jahrzehnten vernachlässigt wurden. Diese haben stets dämpfende Wirkung entfaltet und ihr Fehlen lässt nun den Kräften der simplen Marktwirtschaft ihren freien Lauf.“

Einschränkungen des Streikrechts, staatliche Zwangsschlichtungen oder die Ausdehnung von Friedenspflichten in Tarifkonflikten lehnt die Vereinigung Cockpit kategorisch ab.

Quelle:

Vereinigung Cockpit Press Release 08 March 2023

Deutsche Aircraft opens doors for operators of the D328® with EASA Certification of In-Flight Operable Door (IFOD)

Commissioned by NL EASP AIR and AeroRescue Pty Ltd, Deutsche Aircraft completed a major development in the multi-role capabilities of the D328® with the EASA Certification for the unique In-Flight Operable Door (IFOD). Originally conceived and operated by AeroRescue, who since 2009 use a Civil Aviation Authority of Australia STC, Deutsche Aircraft obtained the EASA Supplemental Type Certification (STC no. 10081145) for the IFOD, issued on 27 January, 2023.

Based on this, existing IFODs can be modified to meet EASA conformity, and the cargo door of any existing D328® can be replaced with an EASA approved IFOD. The IFOD modification also includes the installation of secure handles and attachment points for harnesses and stores, as well as non-slip flooring to ensure the safety of crew members.

“At Deutsche Aircraft, we are pleased to have achieved the certification,” says Nico Neumann, COO of Deutsche Aircraft, about this latest development. “This is not only good for special mission operators of our D328® but also an important potential add-on to our new multirole D328eco™.” According to Pieter Voeten, CEO of NL EASP AIR: “The EASA IFOD certification enables EASP AIR to bring this additional aerial drop capability to the D328®, which enhances what is already an excellent and reliable aircraft used in maritime patrol.” “This project is the culmination of dedication of all parties involved: Deutsche Aircraft, AeroRescue, and NL EASP AIR who will be the first to operate the IFOD using the EASA certification. This significant capability will enable the D328® to be operated in many more countries around the world in Search and Rescue or other special mission roles,” says Andy Cole of AeroRescue.

Dario Rigamonti, Chief Engineer at Deutsche Aircraft, is proud of his team for this achievement. “The EASA certification of IFOD is the result of dedication and hard work by our multidisciplinary team. This is a further step to providing practical, unique and innovative solutions to our operators, thanks to the versatility and reliability of the D328®,” he remarks.

Quelle:

Deutsche Aircraft Press Release 21 February 2023

AFSOC Selects MQ-9B SkyGuardian for UAS Family of Systems Concept

GA-ASI to Deliver Three Aircraft to First U.S. Customer

General Atomics Aeronautical Systems, Inc. is proud to announce a new contract with U.S. Air Force Special Operations Command (AFSOC) to provide three MQ-9B SkyGuardian® remotely piloted aircraft systems to its first U.S. customer.

AFSOC's acquisition of MQ-9B builds on more than 20 years as a GA-ASI partner and more than 14 years flying the MQ-9A Reaper, operating more than 40 aircraft in harsh environments around the world.

MQ-9B will feature a key role in developing AFSOC's new Adaptive Airborne Enterprise (A2E) concept, which envisions AFSOC projecting air power for special operations forces from beyond the horizon, using a family of large UAS and expendable, small UAS from permissive to denied environments.

"We're very excited to continue our great partnership with AFSOC well into the future," said David R. Alexander, president of GA-ASI. "MQ-9B is the ideal platform for inserting air-launched effects into potentially hostile environments. The MQ-9B's combination of range, endurance, reduced manpower footprint, and overall flexibility will make it a true centerpiece of AFSOC's future family of advanced UAS systems."

MQ-9B represents the next generation of UAS, having demonstrated airborne endurance of more than 40 hours in certain configurations, automatic takeoffs and landings under SATCOM-only control, as well as a GA-ASI-developed Detect and Avoid System, among other upgrades. Its development is the result of a company-funded effort to deliver a UAS that can meet the stringent airworthiness certification requirements of various global military and civil authorities.

MQ-9B has garnered significant interest from customers throughout the world. After the UK Ministry of Defence selected MQ-9B SkyGuardian for its upcoming Protector program, the Belgian Ministry of Defense signed a contract for SkyGuardian. The Japan Coast Guard is currently operating MQ-9B in the SeaGuardian® configuration, which the Japan Maritime Self-Defense Force (JMSDF) also recently selected for its Medium-Altitude, Long-Endurance (MALE) RPAS Trial Operation Project beginning in April.

Quelle:

GA-ASI Press Release 06 March 2023

Lockheed Martin And Royal Bahraini Air Force Celebrate Bahrain's First F-16 Block 70 Aircraft In Greenville, South Carolina

Bahraini, American and Lockheed Martin officials today celebrated the first F-16 Block 70 for the Royal Bahraini Air Force today at Lockheed Martin [NYSE: LMT] in Greenville, South Carolina.

The Kingdom of Bahrain has a unique history with the F-16: It was the first F-16 operator in the Gulf Cooperation Council beginning in the early 1990s, and now is receiving the first F-16 Block 70.

"Today's ceremony represents the next generation of the powerful and proven legacy of the F-16, and demonstrates Lockheed Martin's commitment to advancing this program and getting this much-needed aircraft and its advanced 21st Century Security capabilities to the warfighter," said OJ Sanchez, vice president, Integrated Fighter Group, which includes the F-16 program. "With the Block 70 iteration, we are transforming 4th generation for the next generation for the Royal Bahraini Air Force and other partners and allies around the world."

This F-16 Block 70 jet is the first of 16 jets for Bahrain, and took its first flight on Jan. 24, 2023. From here, it will begin additional flight tests at Edwards Air Force Base before arriving in Bahrain in 2024.

Six countries have selected Block 70/72 aircraft. In addition to the current official backlog of 127 jets to-date to be built in Greenville, Jordan has signed a Letter of Offer and Acceptance (LOA) for 12 jets and Lockheed Martin has received a contract to begin its long-lead activities. Bulgaria has also signed an LOA for an additional eight jets for its fleet. Once these are finalized, the backlog will increase to 147.

"The F-16 celebrated today was built by our talented, committed workforce in Greenville," said Danya Trent, vice president, F-16 Programs and Greenville site leader. "We are proud to call Greenville the global home of the F-16 and look forward to continuing to produce jets serving missions around the world."

Additional photos from the event are available for download [here](#), and a video of the aircraft's reveal is available for download [here](#).

Quelle:

Lockheed Martin Press Release 10 March 2023

China's first 5 female pilots flying J-11B fighter jets successfully complete maiden solo training

China's first group of five female pilots flying J-11B fighter jets successfully completed their maiden solo training recently, proving women are as capable as male pilots in flying heavy fighter jets that are more physically demanding.

"We have proved that female pilots can do the same things as men, we can operate heavy combat fighters. Today we can fly the J-11B, in the future same on the J-20. Our journey is the sea of stars," said Yan Zhongyue, one of the pilots from Xi'an Flying College of the Chinese People's Liberation Army (PLA) Air Force.

The five female pilots involved were at an average age of 23. Following their maiden flight in the J-11B, they will receive training on formation flying, low-altitude and air combat training before they will participate into frontline combat units this year.

The five pilots have completed the high-overload and high-intensity flight training in the J-11B aircraft, with intensity of the training being the same as that of the men. It was a step toward becoming a qualified third generation fighters' pilots.

During the training, pilots had to complete simulated single engine and landing procedures accurately under high altitude supersonic conditions, which greatly tested their situational awareness, technical and tactical capabilities.

The first solo flight also involved challenging maneuvers such as hovering at maximum angular speed. It tests our ability to master the boundary performance of the aircraft and how to control the aircraft accurately, providing a solid foundation for us to achieve tactical

intention in the later air combat, said Wang Chen, another female pilot.

"We are honored to be part of the first group of female pilots flying J-11B fighter jets but it was also a test for us. Though we're weak in physical strengths compared with men, flying these jets is not about arm wrestling. What matters is decision-making and control of the jets. With the stronger endurance and tolerance, women would be better adapting for long-hour fighting," Yan noted.

Women obviously enjoy advantages in operating weapons and sophisticated equipment because of the careful, meticulous and sensitive characteristics, which also aligns with future warfare in which accurate manipulation of weapon platforms would be one of focuses, Lang Linchao a deputy brigade commander from Xi'an Flying College of the PLA Air Force noted.

Training female fighter pilots is an important measure to strengthen the quality of the Air Force's talent pool.

The Air Force has gradually rolled out the J-10 and J-11B fighter jets, which were equipped with combat troops into academies. The move is designed to shorten training cycles for third generation fighters' pilots.

Quelle:

Global Times 15 March 2023