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facilities. AMES, a subsidiary of Air Transport Services Group, recently expanded its Maintenance Repair and Overhaul (MRO) operations in Wilmington, Ohio, with the opening of a new 100,000 ft² hangar facility able to accommodate aircraft as large as a Boeing 777.

BAE Systems to provide complete flight control electronics suite for Boeing 777X aircraft

Boeing has selected BAE Systems to provide the Remote Electronic Units (REU) for both variants of the 777X aircraft. An REU is an electronic unit that manages the aircraft's flight control surface actuators and interfaces with the Integrated Flight Control Electronics (IFCE), which BAE Systems was selected to provide in 2014. BAE Systems, which was selected through a competitive procurement process, will support the 777X technology advancements by developing and producing the REUs for localized control of the wing surface actuators such as ailerons, flaperons, elevator, rudder, stabilizer, high lift, and new wingtips.

CTT Systems receives first airline order for A350-900 humidifiers

CTT SYSTEMS, a market leader of anti-condensation systems for commercial aircraft and the provider of humidification products for cockpit, crew rest and cabin areas, has been awarded its first Airbus A350-customer order for flight deck and flight crew rest compartment humidifiers. The airline has ordered humidifiers for flight deck and flight crew rest compartment to be installed in its first A350-900 aircraft. The airline has in total 12 A350-900 on order and is operating a fleet of Boeing 787s equipped with CTTs flight deck/crew rest humidifiers. The flight deck air is normally extremely dry as is the air in the crew rest compartments. By humidifying the air, work and rest conditions improve significantly. Not only will crew benefit from higher humidity levels during flights, but they will also recover faster during layovers and return flights.

Rolls-Royce opens Turbine Blade Casting Facility

Blade 1 *Photo: Rolls-Royce*

Rolls-Royce marked the official opening of its new £110m Advanced Blade Casting Facility (ABCF). When fully operational in 2017, the 150,000 ft² (14,000 m²) facility in Rotherham, UK, will employ 150 people and have the capacity to manufacture more than 100,000 single crystal turbine blades a year. These blades will feature in a wide-range of Trent aero engines including the Rolls-Royce Trent XWB, which powers the new Airbus A350 XWB. The turbine extracts energy from the hot gas stream delivered by the engine's combustor and uses it to drive the fan and the compressors. The blades produced in Rotherham operate in the hottest part of the engine at temperatures up to 200 degrees above the melting point of their alloy and sit in a disc that rotates at more than 12,000 rpm, creating a centrifugal force equivalent to the weight of a London bus hanging off each blade. They are grown in a special process which ensures that they are created from a single metal crystal to maximise their strength. They are then coated with a heat-resistant ceramic and when in use they are cooled with air that passes through a series of precisely placed holes in the blade.

Monarch Aircraft Engineering gains Part M Subpart G approval

Monarch Aircraft Engineering has been granted Part M Subpart G approval as a Continuing Airworthiness Management Organisation (CAMO) by the European Aviation Safety Agency (EASA). Through the company's Part M approval, MAEL's experienced engineering team are approved to carry out tasks such as: Continuing Airworthiness Oversight, Maintenance Planning, Approved Maintenance Programme Development, Reliability Programme Technical Records, Engine and APU trend monitoring and reporting, Defect Analysis, ,Maintenance Control and Planning, Structures and Repair Support, Scheduled Maintenance Check Pack Compilation, Aircraft Acquisitions and Lease Management, Warranty, ARC Reviews and Certification, OEM Interface Support.

NEOS and Lufthansa Technik AG extend existing cooperation

The Italian airline NEOS and Lufthansa Technik AG have extended their existing cooperation. Lufthansa Technik started its Total Component Support TCS for the NEOS fleet in 2002. The contract extension will run by further five years. The current NEOS fleet is composed of six Boeings 737-800W (Winglet) and two Boeings 767-300ERW (Extended Range Winglet) with a third 767-300ERW operating from June 2015. The Total Component Support TCS agreement covers component repair and overhaul services as well as pooling, to support Neos' daily operations. NEOS is an airline based in Somma Lombardo established in June 2001. NEOS owns bases at the airports of Milan/Malpensa, Verona and Bologna, from all of which it operates daily regular flights and leisure flights respectively to Southern Europe, Africa, Middle and Far East, the Caribbean, Mexico and Brazil.

THAI signs GE OnPoint Solution agreement for GE90 engine fleet maintenance

Thai Airways International signed a 12-year OnPoint solution agreement for the maintenance, repair and overhaul of the airline's GE90-115B engines that power its 14 Boe-