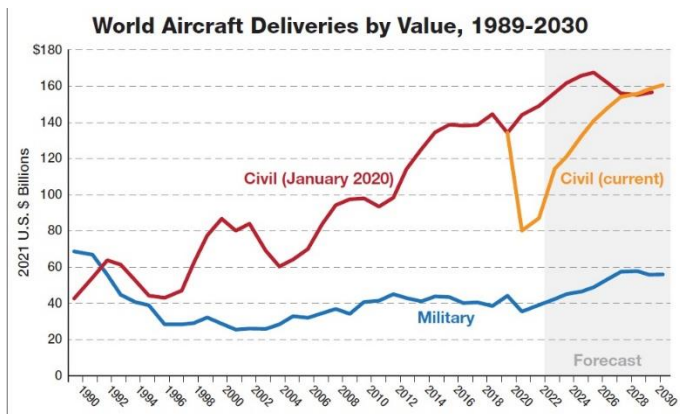


Brèves de l'industrie aérospatiale – 31 janvier 2022

Industrie Aérospatiale



Source : AWST janvier 2022

Embraer (27 janvier)

Embraer has completed the reintegration of its commercial aviation business, following its split from the company's business aviation division in 2019 to prepare for a joint venture with Boeing. Embraer's reorganization process began in May 2020.

Boom Supersonic (27 janvier)

Boom Supersonic is planning the construction of a \$500 million factory in Greensboro, N.C., where it will manufacture the Overture supersonic commercial aircraft (Mach 1.7). United Airlines has indicated an interest in purchasing 15 Overtures with options for 35 more.

Boeing (26 janvier)

Boeing reported a \$4.16 billion loss for the fourth quarter mainly due to a charge of \$3.5 billion resulting from 787 Dreamliner delivery delays.

Boeing B777 (26 janvier)

Boeing plans to increase B777 production from two to three jets monthly this year in response to increased demand for freighter aircraft.

Airbus Helicopters (26 janvier)

In 2021, Airbus delivered 338 helicopters, up from 300 in 2020. This represents a 52 percent market share in the civil and para-public helicopter segment. Airbus booked 414 net orders in 2021, compared with 268 in 2020.

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Airbus (25 janvier)

Airbus veut réutiliser ses BelugaST pour lancer un nouveau service de fret aérien. En décembre dernier, Airbus a effectué un premier vol cargo avec un BelugaST qui a transporté un hélicoptère entre Marseille et la ville de Kobe au Japon.

Boeing-Suppliers/ labour shortages (25 janvier)

Boeing's goal is to produce 31 B737 Max per month this year (+ 63% increase from the current rate). It faces the risk that suppliers won't be able to hire enough workers to keep pace after U.S. aerospace companies laid off 57,000 employees. A majority of suppliers surveyed by RBC Capital Markets say the ability to staff up is the biggest risk to the aerospace recovery. Kevin Michaels of AeroDynamic Advisory estimates worker shortfalls of 10% to 20% are common. Concerns are particularly high for two foundries, Howmet Aerospace and Precision Castparts.

Embraer (25 janvier)

Azorra, spécialisé dans la location d'avions d'affaires et régionaux, a signé un accord avec Embraer pour l'acquisition de 20 nouveaux appareils soit E190-E2 ou E195-E2, plus 30 droits d'achat supplémentaires. Les livraisons doivent commencer en 2023.

Sanauto Engineers (25 janvier)

Sanauto Engineers is developing landing gear actuators for the upcoming variant of the Tejas fighter aircraft built by India. Sanauto Engineers has been manufacturing aerospace landing gears, parts, and assemblies for around ten years including for Boeing, Airbus and Hindustan Aeronautics Limited (HAL) helicopters.

Buy America Act (25 janvier)

The Office of Management and Budget's Made in America Office is working with the Federal Acquisition Regulatory Council to push for an increase in the domestically sourced content threshold for federal procurement under the Buy America Act from 55% to 75%.

Airbus Helicopters (24 janvier)

Airbus Helicopters a livré le dernier hélicoptère Dauphin, un AS365 N3, au service des douanes espagnoles. Au cours des quarante dernières années, plus de 1 100 hélicoptères ont été produits et ont effectué 7 millions d'heures de vol dans 70 pays différents.

China (24 janvier)

China successfully conducted a test flight of a new engine developed by the Laboratory of Spray Combustion and Propulsion of the School of Aerospace Engineering at Tsinghua University. The engine could power China's future hypersonic aircraft and near-space plane.

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CAE (22 janvier)

Marc Parent, président et chef de la direction de CAE, a reçu la plus haute distinction décernée par Living Legends of Aviation, le prix « Leader de l'année de l'industrie ». Living Legends of Aviation est l'un des événements de reconnaissance de l'aviation les plus prestigieux au monde, animé par John Travolta et organisé à Beverly Hills, en Californie.

Aviation Commerciale**Air Serbia (28 janvier)**

Air Serbia a reçu le premier des cinq ATR 72-600 commandés en leasing auprès de NAC (Nordic Aviation Capital) pour renouveler sa flotte court-courrier.

China airlines /Boeing (27 janvier)

China Airlines placed an order for four Boeing 777 Freighters valued at \$1.4 billion, as it looks to take advantage of the continued growth in global air cargo demand.

UK/Air Accidents Investigation Branch (27 janvier)

The UK Air Accidents Investigation Branch (AAIB) has published a report into an investigation of a series of pitot system blockage events on different aircraft at Heathrow Airport, two of which resulted in rejected takeoffs. The AAIB investigation identified the cause to be the nesting activity of certain species of wasps and bees within pitot probes.

Qatar Airways /Boeing (25 janvier)

Boeing and Qatar Airways are finalizing an order for 34 777X freighter aircraft (list-price value of \$14 billion). Qatar Airways is considering an order of up to 50 cargo aircraft.

NAV Canada (25 janvier)

Nav Canada has started an ADS-B service trial below FL290 in portions of the Montreal flight information region (FIR). The trial will evaluate overall system performance and assess the effectiveness of ADS-B operations in a terminal area and in high-density airspace.

ITA Airways/ Lufthansa (24 janvier)

Lufthansa et le groupe de transport maritime italien MSC ont proposé d'acquérir la majorité du capital d'ITA Airways.

Nav Canada (24 janvier)

Nav Canada, Canada will restrict land and hold-short operations (LAHSO) to dry runways. LAHSO is an ATC procedure that allows for simultaneous operations on intersecting runways. The intent is to increase airport traffic capacity by using two runways simultaneously.

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Aviation d'affaires

Textron aviation (27 janvier)

Revenue for 2021 was \$4.56 billion compared with \$3.97 billion in 2020, while deliveries increased to 167 jets from 132 in 2020 and turboprops were higher at 125 versus 113. 2021 profit was \$378 million compared with \$16 million in 2020.

Gulfstream Aerospace (26 janvier)

Gulfstream had net earnings of \$3.3 billion in 2021 and a fourth-quarter backlog of \$16.3 billion, making it the company's best year since 2008. Gulfstream delivered 119 large and midsized-cabin aircraft worth \$8.1 billion in 2021. It expects deliveries to reach 124 aircraft in 2022, 148 in 2023. And 170 in 2024.

Greenpoint-Safran (25 janvier)

Greenpoint Technologies has signed a contract for the completion of two VIP Boeing 787-9s with an undisclosed customer. The work will take place at the Safran subsidiary's Moses Lake, Washington installation facility with the first of the aircraft slated for induction in 2023.

Vista Jet /XO (25 janvier)

The two charter operators, VistaJet and XO (Vista Global) saw a 64 percent increase in flight hours last year versus 2020. Last year's gain also was 57 percent higher than pre-pandemic figures. Additionally, 2021 annual subscription hours topped 22,000, a 90 percent increase from 2020, while the companies' membership increased 26 percent globally. More than 30 aircraft were added to Vista Global's charter fleets in 2021, which now total more than 200 aircraft.

International Association of Aircraft Dealers (IADA) (24 janvier)

According to IADA's Fourth Quarter 2021 Market Report, accredited dealers closed 20 percent more aircraft deals in 2021 than in 2020: 1,372 aircraft transactions compared with 1,135 a year earlier. Dealers expect a continued increase in demand for used business turboprops and jets across all size categories through at least the first half of this year. Prices also will keep rising.

Défense

Bell -CV-22 Osprey (27 janvier)

Bell has completed its first Nacelle Improvements Modification on a CV-22 Osprey tiltrotor for the U.S. Air Force. Part of an ongoing Bell-Boeing upgrade program, the modification was completed at Bell's Amarillo Assembly Center (AAC) in Amarillo, Texas.

Boeing KC-46 (26 janvier)

The KC-46 program has accumulated a total of \$5.4 billion in pre-tax charges over the course of its development; all costs Boeing must bear due to the terms of its fixed-price contract with the US Air Force. Boeing is responsible for costs in excess of its \$4.9 billion contract with the service. The Air Force plans to buy 179 KC-46s over the course of the program.

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Stratolaunch (26 janvier)

Stratolaunch LLC has a research contract with the U.S. Air Force Research Laboratory (AFRL) to examine and assess the feasibility of hypersonic flight tests of a wide range of Air Force experiments and payloads on a frequent and routine basis.

Egypt- C-130J Super Hercules (26 janvier)

The US State Department has approved the sale of 12 Lockheed Martin C-130J Super Hercules aircraft to Egypt, a \$2.2 billion transaction that includes defense radar systems. The aircraft would be powered by Rolls-Royce AE 2100D turboprop engines.

GE (24 janvier)

GE has concluded phase 1 testing on its second XA100 adaptive cycle engine as part of the U.S. Air Force's Adaptive Engine Transition Program (AETP). This first three-stream adaptive cycle engine is designed for installation in the F-35A and F-35C without any structural modifications.

Argentina/China JF-17 (23 janvier)

Argentina's ambassador to China reportedly discussed the possible acquisition of JF-17 fighter jets with officials of the China National Aero-Technology Import & Export Corporation (CATIC).

Boeing Defence UK (21 janvier)

Boeing has completed delivery of 14 Apache AH-64E helicopters to the British Army, with 36 more to be delivered in the next two years under terms of a \$2.3 billion order. A 20-year agreement has been signed with Boeing Defence UK to maintain and support the new fleet.

Northrop Grumman (21 janvier)

Northrop Grumman has completed delivery of the 51st E-2D Advanced Hawkeye aircraft to the US Navy, keeping the \$3.2 billion multi-year procurement contract on track. The production deadline for all years under the contract is 2026.

MRO**Airbus Helicopters/Daher (26 janvier)**

Airbus Helicopters et son partenaire logistique, Daher ont ouvert le Centre Logistique MRO d'Airbus Helicopters près de l'aéroport de Roissy pour toutes les activités logistiques liées à la réparation des composants d'hélicoptères, y compris la réception, le filtrage, le contrôle, le stockage et la distribution des pièces MRO.

Elbe Flugzeugwerke GmbH (24 janvier)

Elbe Flugzeugwerke GmbH (EFW), coentreprise d'Airbus et ST Engineering, a livré le premier A330 converti en avion-cargo (P2F) à Altavair LP, un fournisseur de services de financement et de location d'avions. L'appareil sera exploité par la compagnie mexicaine MasAir Cargo.

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Drones - Advanced Air Mobility

Elroy Air (26 janvier)

Elroy Air, a start up based in San Francisco, has unveiled a prototype of its autonomous hybrid electric VTOL Chaparral drone that can carry up to 500 pounds of cargo.

Urban-Air Port (25 janvier)

Urban-Air Port (UAP), an UK start up, has recently secured investment from Supernal (part of the Hyundai group) to fund 200 vertiport hubs in 65 cities over the next five years.

Bye Aerospace (24 janvier)

Bye Aerospace has received 135 purchase deposits and options for the all-electric twin-motor eFlyer 800 regional aircraft.

Boeing/Wisk Aero (24 janvier)

Boeing is investing a further \$450 million in its Wisk Aero eVTOL joint venture with Kitty Hawk. The additional investment in Wisk signals Boeing's commitment to advanced air mobility.

Wingcopter/ Spright (24 janvier)

Wingcopter will provide a fleet of its tiltrotor Wingcopter 198s to the Spright unit of Air Methods. Spright was launched in July 2020 to offer a drone-based, healthcare-specific delivery network in the U.S., leveraging Air Methods' 300 air ambulance bases. Wingcopter will become Spright's exclusive provider of fixed-wing eVTOL cargo drones in the U.S., while Spright becomes the exclusive provider of MRO services for the Wingcopter 198 to third parties in the U.S.

Joby Aviation (21 janvier)

Joby Aviation said a test flight of its eVTOL air taxi prototype reached a true airspeed of 205 mph, which is thought to be the highest speed achieved by an eVTOL aircraft.

Spatial

Toyota/ Japan's space agency (28 janvier)

Toyota is working with the Japan Aerospace Exploration Agency (JAXA) on a vehicle to explore the lunar surface to help people live on the moon by 2040 and then on Mars. The vehicle is called Lunar Cruiser and its launch is planned for the late 2020's.

Thales Alenia Space-Safran (27 janvier)

Thales Alenia Space a sélectionné le propulseur plasmique PPS®5000 de Safran Aircraft Engines pour équiper 6 satellites de 2ème génération de la constellation Galileo. Safran Aircraft Engines livrera à Thales Alenia Space les premiers PPS®5000 d'ici début 2023 pour une mise en orbite des premiers satellites Galileo d'ici fin 2024,

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ArianeGroup -Maïa Space (25 janvier)

ArianeGroup a une nouvelle filiale, Maïa Space, chargée de développer le mini lanceur réutilisable Maïa qui devrait être opérationnel en 2026. Maïa Space souhaite attirer des startups européennes, afin de nourrir l'innovation. Le projet de démonstrateur d'étage réutilisable Themis et de moteur à bas coût réutilisable Prometheus feront partie de Maïa Space.

Space Flight Laboratory (25 janvier)

Toronto based Space Flight Laboratory (SFL) has won a contract from NASA's Astrophysics Pioneers Program for two spacecraft, StarBurst and Aspera, led by Marshall Space Flight Center (MSFC) and the University of Arizona respectively. SFL will provide the spacecraft busses, perform system integration and testing as well as support launch, commissioning, and operations.

Lockheed Martin/Aerojet (25 janvier)

Lockheed Martin has put its proposed \$4.4 billion acquisition of Aerojet Rocketdyne on hold after learning that the Federal Trade Commission is likely to block the transaction.

Northrop Grumman (21 janvier)

Two Northrop Grumman Corporation Geosynchronous Space Situational Awareness Program (GSSAP) satellites were successfully placed in orbit on a United Launch Alliance (ULA) Atlas V rocket as part of the U.S. Space Force (USSF)-8 mission. The two satellites, GSSAP-5 and GSSAP-6 will enhance space situational awareness, a top priority for the U.S. Space Force.

Innovation

Airbus C295 (26 janvier)

The Airbus C295 Flight Test Bed 2 (FTB2) technology demonstrator of Clean Sky 2 has successfully performed its maiden flight from the Final Assembly Line in Seville. The aircraft now starts a flight campaign to test a new semi-morphing wing, a new affordable flight control system and an embedded SatCom antenna. lage.

JEC World (26 janvier)

JEC Group a décidé de reporter l'édition 2022 de JEC World. L'événement mondial des composites aura lieu du 3 au 5 mai 2022 à Paris Nord Villepinte, ainsi qu'en ligne.
