Brèves de l'industrie aérospatiale – 31 octobre 2022

Industrie Aérospatiale

Airbus *(28 octobre)*

Airbus présente un bénéfice net en hausse de 65%, à 667 M€, au 3ème trimestre. Airbus maintient sa prévision de livrer « autour de 700 avions » en 2022. 140 appareils ont été livrés au cours du 3ème trimestre.

Safran *(28 octobre)*

Safran reported €4.85 billion in total revenues in Q3 (2021: €3.73 billion). Of this, €2.50 billion (€1.812 billion) is from aerospace propulsion, €1.82 billion (€1.54 billion) from equipment and defence, and €522 million (€385 million) from its interiors business. Safran delivered 347 LEAP engines in Q3, bringing the total to 812 this year to date.

Thales *(27 octobre)*

Thales a reçu des commandes de 4,24 Md€ au 3ème trimestre, en hausse de 36%. Thales fait encore face à des tensions sur les chaînes d'approvisionnement, au manque d'effectifs, à l'inflation et aux retombées sur ses activités de l'invasion russe de l'Ukraine, estimées à 100 M€.

Boeing *(26 octobre)*

Boeing has reported a $3.3 billion loss in the third quarter of 2022, driven by higher manufacturing and supply chain costs and "technical challenges" with both military programs and NASA's Commercial Crew Program. Total backlog is $381 billion, including over 4,300 commercial airplanes.

GE Aerospace *(25 octobre)*

In the third quarter, GE Aerospace sales increased by 24 per cent and profits by 52 per cent, reflecting demand for maintenance and services by airlines. Deliveries of Leap engines for Boeing and Airbus increased by more than 50 per cent compared with the second quarter.

Raytheon Technologies *(25 octobre)*

Raytheon Technologies posted a near 5% rise in third-quarter revenues, but supply chain issues caused it to lower the midpoint of its 2022 sales guidance by 1.6% from $68.25 billion to $67.15 billion. Demand for aftermarket sales and services has risen at Pratt & Whitney and Collins Aerospace, which both recorded double-digit sales increases in the third quarter.

Airbus Helicopters *(25 octobre)*

Airbus Helicopters has achieved strong sales to the U.S. medical market. It has sold more than 35 new single- and twin-engine helicopters during the past 12 months.

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BAE Systems / Amprius Technologies *(25 octobre)*

Amprius Technologies has entered into a three-year cooperation agreement with BAE Systems' Air division to deliver its lightweight high-energy batteries specifically developed for air vehicle electrical propulsion systems.

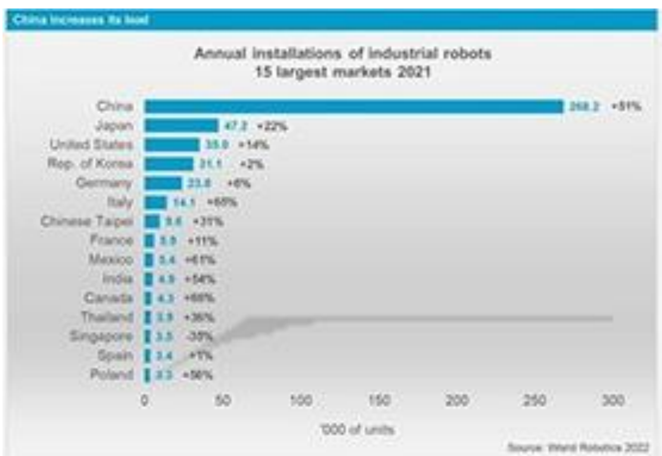
Airbus *(24 octobre)*

Airbus will provide its workers with a one-off payment to help fight the growing cost of living crisis. It will give almost all of its 126,000 global staff a bonus of around $1,470 each.

Airbus- Saudi Arabia *(24 octobre)*

According to a report by Reuters, Saudi Arabia could order as many as 40 Airbus A350 aircraft valued at around $12 billion at list prices for a future national airline named RIA.

IFR – World Robotics Report 2022 *(21 octobre)*



IFR reports that in 2021 an all-time high of 517,385 new industrial robots were installed globally. This represents growth of 31% year-on-year and exceeds the 2018 pre-pandemic record by 22%. Around 3.5 million industrial robots are now in use worldwide.

Sabca *(21 octobre)*

La Sabca a été sélectionnée par Airbus pour la conception, le développement et la fabrication du nouvel actionneur du spoiler numéro cinq de l'A350 dont le premier exemplaire devrait être placé en 2025. Les activités seront effectuées sur le site de Bruxelles.

<u>Aviation Commerciale</u>

IAG *(27 octobre)*

IAG shareholders British Airways, Iberia and Aer Lingus have approved orders for 37 Airbus A320neo, 25 Boeing 737 MAX-200 and 25 Boeing 737-10 aircraft, with options for 100 B737.

Air Canada / Airbus A220 *(26 octobre)*

Air Canada a converti des options pour 15 A220-300 en commande ferme, ce qui porte à 60 le nombre d'A220 commandé. Air Canada possède 31 A220 en service; les prochaines livraisons sont prévues entre 2022 et 2026.

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Alaska Airlines *(26 octobre)*

Alaska Airlines has ordered another 52 Boeing 737 MAX with rights to purchase a further 105.

Air Côte d'Ivoire *(25 octobre)*

Air Côte d'Ivoire has ordered two Airbus A330-900neo to be delivered in 2024. Its current fleet comprises six Airbus A320-family aircraft and four De Havilland Canada Dash 8-400s.

Amazon Air *(24 octobre)*

Amazon Air a signé un accord avec Altavair pour louer 10 A330-300P2F. La livraison du 1er avion est prévue à l'automne 2023 et les avions sont actuellement en conversion par EFW.

CAE/Spirit Airlines *(24 octobre)*

Spirit Airlines and CAE are launching the Spirit Wings Pilot Pathway program to expand Spirit's pilot pipeline. Graduates of CAE's Airline Pilot Pathway program who have accumulated 500 hours total flight time will qualify. Those selected will receive a conditional offer of employment.

Nav Canada *(21 octobre)*

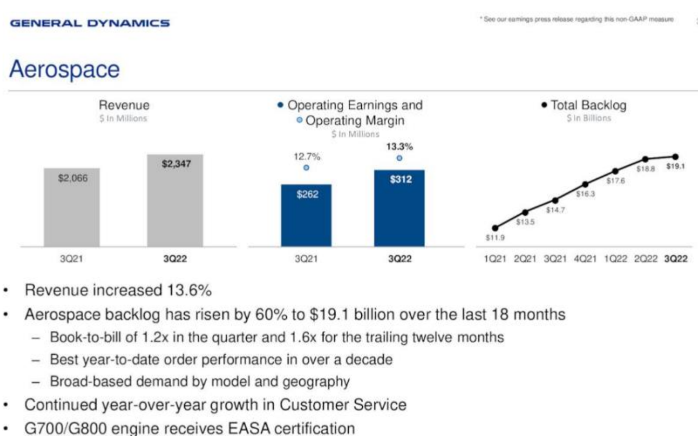
In September 2022 weighted charging units were higher by 38.5 percent compared to the same month in 2021 and lower by 10.1 percent compared to 2019. Weighted charging units reflect the number of billable flights, aircraft size and distance flown in Canadian airspace.

Aviation d'affaires

Textron Aviation *(27 octobre)*

Supply chain issues impacted Textron Aviation's deliveries of Cessna Citation and Beechcraft King Air aircraft in the third quarter. The company delivered 39 jets and 33 turboprops in the quarter, down from 49 and 35 respectively in the same period of 2021. Revenues of $1.2 billion were $14 million less than the third-quarter 2021. Backlog as of September 30 was $6.4 billion, nearly double the $3.5 billion backlog a year earlier.

General Dynamics Aerospace – 3Q 2022 Highlights *(26 octobre)*



General Dynamics Aerospace includes Jet Aviation and Gulfstream.

Gulfstream Aerospace delivered 35 aircraft (28 large-cabin jets and seven midsize G280s) in the third quarter, up from 31 (25 and six respectively) in the same period of 2021. In the first nine months, it delivered 82 aircraft (66 large-cabin and 16 G280s), up from 80 (68 and 12). Forecast deliveries are 148 in 2023 and 170 in 2024.

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Vista Global *(25 octobre)*

During the third quarter, Vista Global experienced record demand for business jet flights in U.S. airspace, up 185% from the same period last year. It also recorded the highest number of new members in the U.S., who also accounted for 70% of total hours sold.

VIP Completions *(25 octobre)*

VIP Completions will use a recently completed Dassault Falcon 2000 as a demonstration aircraft to showcase its expertise in completions and refurbishment.

Défense

Leonardo *(28 octobre)*

Leonardo has received an order for 20 AW119Kx single-engine helicopters from one of Italy's main law enforcement agencies, Carabinieri. The aircraft will be assembled at Leonardo's Vergiate facility in Varese and deliveries will take place between 2023 and 2026.

Northrop Grumman *(27 octobre)*

Northrop Grumman revenues were $9 billion in the third quarter of 2022 ($l8.7 billion in 2021).

Tata Advanced Systems (TASL) / Airbus C-295 *(27 octobre)*

The foundation stone of a manufacturing facility in India for production of the Airbus C-295 for the Indian Air Force was laid on October 30th. Airbus will deliver the first 16 aircraft from its final assembly line in Seville and the subsequent 40 aircraft will be manufactured and assembled by Tata Advanced Systems (TASL) in India under an industrial partnership between the companies.

Embraer C-390 – South Korea *(27 octobre)*

Embraer has signed several MoUs with South Korean companies ASTG (Aerospace Technology of Global), EMK (EM Korea Co.), and Kencoa Aerospace. This will strengthen collaboration with Korean partners for the future supply of parts for the C-390 aircraft, that is competing for the Large Transport Aircraft II Program of the South Korea Defense Acquisition Program Administration.

Aero Vodochody *(25 octobre)*

Aero Vodochody has conducted the first flight test of its modernised L-159 T2X combat trainer aircraft prototype. This follows a four-year development program for an upgraded aircraft to fulfil the needs of fifth-generation fighter pilot training programmes.

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MRO

Rolls Royce / Skyservice *(26 octobre)*

Rolls Royce has established its first business aircraft authorized service centres in Canada at Skyservice's facilities in Montreal, Toronto, and Calgary. They will coordinate with Rolls-Royce Canada to provide MRO services on BR710A1/C4/A2 and Tay 611-8/8C engines.

Heli-One *(24 octobre)*

Heli-One has established in-house testing capability for the Leonardo AW139 intermediate and tail gearboxes at its MRO facility in Delta, BC.

Liebherr-Aerospace / AMETEK *(24 octobre)*

Liebherr-Aerospace et AMETEK MRO AEM ont signé un accord de coopération en matière de services MRO concernant les trains d'atterrissage des appareils de la famille E-Jet d'Embraer.

Sabena technics / Héli-Union *(21 octobre)*

Sabena technics fait l'acquisition d'Héli-Union, spécialiste de la maintenance d'hélicoptère, et se renforce sur les marchés militaires à l'export. Le groupe réalise une opération d'abord significative sur le plan comptable. Avec 500 M€ de chiffre d'affaires l'an dernier, il augmente son périmètre de 150 M€ supplémentaires avec Héli-Union, qui emploie 350 personnes.

Drones – Advanced Air Mobility

Thales / CS Group *(26 octobre)*

Thales et CS Group se sont associées pour créer des systèmes de protection déployable modulaire antidrones (PARADE). Ces systèmes peuvent être déployés en moins de 2 heures et interrompre le signal entre le drone et sa télécommande.

Hyundai - Supernal / BAE Systems *(26 octobre)*

Hyundai's Supernal has selected BAE Systems to develop flight control systems technology for its future eVTOL air taxis.

Air France Industries KLM Engineering & Maintenance / Ampaire *(25 octobre)*

AFI KLM E&M et Ampaire ont signé un protocole d'accord qui prévoit de mettre les ressources du réseau AFI KLM E&M au service de l'introduction et du support mondial des avions électriques. L'accord couvre un large éventail d'intérêts communs, du développement des avions à l'analyse des données, en passant par la formation et le support en matière de maintenance. L'entrée en service de l'Eco Caravan, un avion hybride électrique de 9 places, est prévue pour 2024.

Archer Aviation *(24 octobre)*

Archer Aviation plans to manufacture about 250 eVTOL aircraft in 2025 and then scale up production, after achieving its goal of obtaining FAA type certification by the end of 2024.

Care By Air project / **McMaster University** *(20 octobre)*

The "Care By Air" project of McMaster University, (Hamilton ON), Drone Delivery Canada, DSV Canada and Air Canada Cargo uses a drone delivery system to ship medical isotopes and other medical supplies to Oakville Trafalgar Memorial Hospital. A test flight was recently performed.

Spatial

Astroscale *(24 octobre)*

Astroscale (Japan) has contracted with RHEATECH (UK) to provide the mission control system, and with Astra Space to provide engines for its "End-of-Life Services by Astroscale Multiple Client" (ELSA-M) servicer. This project is supported by the UK and European Space Agencies as part of ESA's Sunrise program. The new servicer will be capable of capturing and retiring multiple satellites in a single mission and its launch is scheduled for late 2024.

United States Space Force *(21 octobre)*

The US Space Force will select companies to compete for $50 million worth of five-year indefinite delivery/indefinite quantity contracts. These companies produce spacecraft ranging from 12U cubesats to 180-kilogram ESPA-class satellites. They will design, develop and manufacture the spacecraft, integrate experimental payloads, test the integrated space vehicle and support the launch and post-launch mission operations.

Grasp SAS / AirPhoton *(21 octobre)*

French startup Grasp SAS has acquired Baltimore, Maryland-based AirPhoton to create Grasp Global, a European - US earth-observation company with plans for a cubesat constellation.

Innovation

Universal Hydrogen / ATR *(27 octobre)*

Universal Hydrogen effectue des tests pour installer des modules d'hydrogène dans un ATR 72. Ils sont pour le moment testés à vide pour valider leur design et leur intégration dans l'appareil. Le 1er vol sur un ATR est espéré en 2024 avec une commercialisation dès 2025.

AeroDelft / Airbus *(25 octobre)*

AeroDelft, a student-run team of engineers at the Technical University of Delft in the Netherlands, has partnered with Airbus to build AeroDelft's Phoenix, a hydrogen-powered, fixed-wing aircraft that it aims to produce by 2025.

Rolls-Royce / Alder Fuels *(24 octobre)*

Rolls-Royce and biofuel company Alder Fuels have signed a MoU to test Alder's SAF on a Rolls-Royce Pearl engine. Alder Fuels uses sustainable biomass such as regenerative grasses, forest residues, and agricultural waste products to create low-carbon Alder Greencrude (AGC) that can be converted into a drop-in SAF using existing bio and petroleum refinery infrastructure.

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