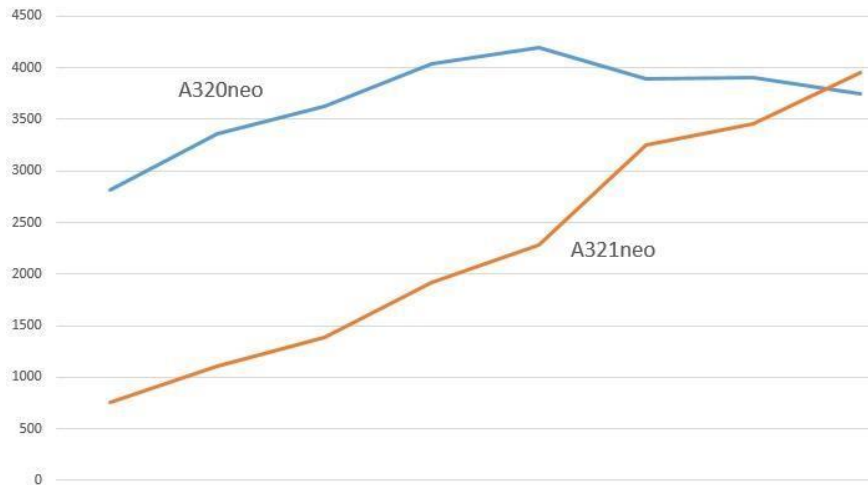


Brèves de l'industrie aérospatiale – 13 décembre 2021

A320neo versus A321neo total orders 2014-2021



Source: FlightGlobal analysis of Airbus data

Airbus commandes nettes : jan - nov 2021			
Famille	Commandes bruts	Annulations	Commandes nettes
A220	38	-18	20
A319/320/321	542	-217	325
A330	25	0	25
A350	5	-7	-2
TOTAL	610	-242	368

Industrie Aérospatiale

Latécoere (10 décembre)

Latécoère va concevoir et produire la porte passager du nouveau Falcon 10X de Dassault Aviation. Latécoère accompagne également Dassault Aviation dans la conception du Falcon 10X, pour sa porte de sortie de secours du pilote et ses harnais électriques.

Rolls-Royce flying hours (9 décembre)

Rolls-Royce large civil engine flying hours have recovered to around 50% of 2019 values. This is an increase from the average of about 43% in the first half of the year. Rolls-Royce civil engines are heavily focussed on widebody aircraft and large business jets.

Thales (7 décembre)

Thales has acquired Moog's ground-based navigation aids business in Salt Lake City. The acquisition provides Thales with expanded "man-portable" technology, as well as U.S.-based engineering, industrial, and other technology capabilities for both civil and military customers.

N.B : La langue utilisée reflète le contenu original de la source citée et n'a pas été traduite afin de ne pas altérer le sens du contenu partagé.

FLYHT (7 décembre)

FLYHT (Calgary) has signed an agreement with Frontier Airlines to equip A320 and A321 aircraft with its AFIRS solution, enabling the airline to optimize its over water routes. Using real-time in-flight data, Frontier aims to improve operational efficiencies in both flight and ground operations, including reducing flying time and the associated fuel burn.

Airbus Helicopters (6 décembre)

Airbus Helicopters a reçu une commande de 26 hélicoptères (20 H145 et 6 H160) de la part de l'opérateur saoudien The Helicopter Company (THC), créé par le Fonds d'investissement public (PIF) et seul opérateur d'hélicoptères autorisé à exploiter des vols commerciaux dans le pays.

Figeac Aéro/ Saudi Arabian Military Industries (6 décembre)

Saudi Arabian Military Industries (SAMI), a annoncé la création d'une coentreprise avec Figeac Aéro, en partenariat avec Dussur (Saudi Arabian Industrial Investments Company). La SAMI FIGEAC AÉRO Manufacturing LLC (SFAM) vise à construire en Arabie Saoudite une usine de production de pièces d'aérostructures de haute précision en aluminium et titane.

Leonardo (2 décembre)

Beijing General Aviation Co., Ltd. has placed an order for two AW189 super-medium twin-engine helicopters for operation by the Beijing Police in the roles of law enforcement, search and rescue and fire-fighting. The two aircraft will be delivered in 2022 and 2023.

Aviation Commerciale

Connect Airlines (8 décembre)

Connect Airlines has committed to purchase Universal Hydrogen's green hydrogen conversion kit. The order comprises a firm order for 12 Dash 8-300 kits and purchase rights for 12 additional ones for other aircraft types. The kits consist of a hydrogen fuel cell powertrain compatible with Universal Hydrogen's modular capsule technology. Connect Airlines is a start-up airline based in Massachusetts that plans to begin operations between New England and Toronto Island Airport.

Saudi Arabian Airlines (7 décembre)

Saudi Arabian Airlines, a annoncé une commande de 149 moteurs LEAP-1A de CFM International pour équiper sa flotte de A321neo et A320neo ainsi qu'un contrat de maintenance à l'heure de vol couvrant ces nouveaux moteurs.

777 Partners (7 décembre)

777 Partners has ordered 30 additional Boeing 737 MAX, including the high-density 737 MAX 8-200 variant, bringing its total MAX orders to 68 aircraft. It has already received six 737 MAX 8s, which are operated by Canadian airline Flair Airlines in which it holds an equity investment. 777 Partners has not said which airline(s) will operate the aircraft in this latest order.

N.B : La langue utilisée reflète le contenu original de la source citée et n'a pas été traduite afin de ne pas altérer le sens du contenu partagé.

Air Canada (6 décembre)

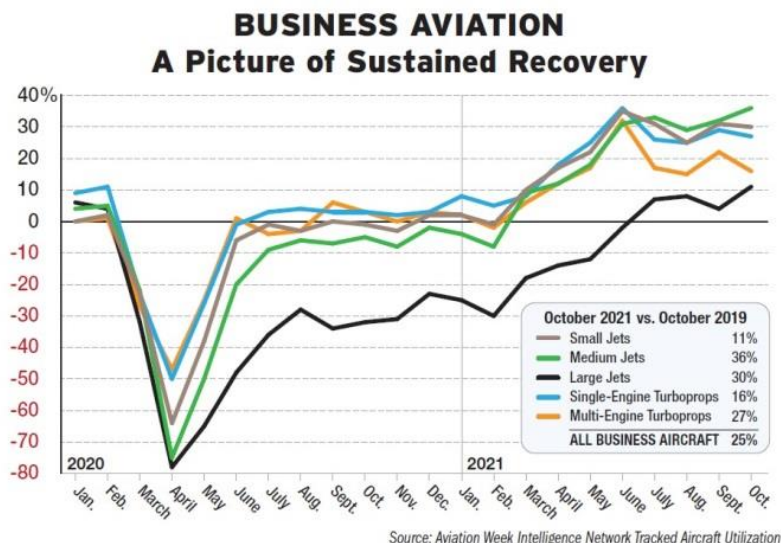
Air Canada has received the first of eight B767-300 aircraft as it prepares to re-launch dedicated all-cargo operations. The aircraft will be based primarily in Toronto and the first services will be to Miami, Ecuador, Peru and Mexico.

British Airways (3 décembre)

In early 2022, British Airways will become the first airline in the world to use sustainable aviation fuel (SAF) produced on a commercial scale after signing a multi-year agreement with Phillips 66 Limited. SAF will be produced for the first time in the UK at the Phillips 66 Humber Refinery.

Aviation d'affaires

Business aircraft flight hours: October 2021 versus October 2019



Piaggio Aerospace (9 décembre)

The bidding process for the sale of Piaggio Aerospace is reopening after exclusive negotiations with a prospective buyer failed to result in an agreement.

Netjets Global 7500 (3 décembre)

NetJets has taken delivery of its first Bombardier Global 7500 aircraft. This was the 1,000th delivery of a member of the Global aircraft family. At the event Bombardier also noted that it is currently receiving orders for more business jets than it is delivering.

N.B : La langue utilisée reflète le contenu original de la source citée et n'a pas été traduite afin de ne pas altérer le sens du contenu partagé.

Défense

Finlande F35 (10 décembre)

La Finlande a choisi l'avion de combat américain F-35 pour renouveler sa flotte, un important contrat de 8,4 milliards d'euros pour 64 appareils.

US Air Force /KC-46A (7 décembre)

The US Air Force's KC-46A Pegasus aerial refuelling aircraft has received approval to refuel the AC-130J, HC-130J, MC-130J, C-5M and E-3G Sentry. The KC-46 can now refuel nearly 70% of the fleet that is capable of being refuelled in flight.

CH-148 Cyclone (4 décembre)

Nearly all of the Royal Canadian Air Force's fleet of 23 CH-148 Cyclone helicopters are undergoing repairs after cracks were found in their tails during routine maintenance.

MRO

Dassault Falcon Jet (9 décembre)

Dassault Falcon Jet is considering closing its heavy service center in Wilmington, Delaware. Operating from four hangar bays totaling more than 300,000 sq ft, the site also includes a paint shop and a Fixed Base Operation (FBO) for operators of Falconjet aircraft.

Aero HygenX (9 décembre)

Aero HygenX and MHI RJ Aviation Group (MHIRJ) have signed an agreement for the marketing of Aero HygenX's autonomous UV-C cabin disinfecting products. MHIRJ will make the UV-C system readily available to the operators of approximately 1,300 CRJ Series aircraft currently in service.

West Star Aviation (8 décembre)

West Star Aviation is planning expansion projects at three of its four primary MRO facilities located in East Alton, Illinois; Grand Junction, Colorado; and Chattanooga, Tennessee.

Alliance Aviation (8 décembre)

Australian airline Alliance Aviation has received investment approval for the construction of a \$US 58 million MRO facility at Rockhampton airport in Queensland. It intends to move heavy maintenance work currently performed in Singapore, Costa Rica, Slovakia and the UK back to Australia. Alliance Aviation's aircraft fleet totals 54 aircraft comprises Embraer E190s and Fokker F100s, F70s and F50s.

Triumph Group /Air France Industries KLM Engineering & Maintenance (7 décembre)

Triumph Group and Air France Industries KLM Engineering & Maintenance have formed a joint venture named xCelle Americas to perform MRO services on engine nacelles at Triumph's Hot Springs, Arkansas facility. The aircraft types will include Boeing 787 and 737 MAX and Airbus A320neo and A350 operating in North and South America.

Liebherr-Aerospace (7 décembre)

AirBaltic and Swiss International Airlines have contracted with Liebherr-Aerospace to use its predictive maintenance and trend monitoring applications for their Liebherr products, including components for the bleed air management system, landing gear and flight control system.

Safran Aircraft Engines (7 décembre)

Sur son site de Châtellerault, Safran Aircraft Engines a inauguré un nouvel atelier de réparation de 1 500 m² pour les pièces de moteurs d'avion notamment long-courriers (Boeing, Airbus).

Flynas/CFM International (6 décembre)

La compagnie saoudienne low-cost Flynas a finalisé un contrat de maintenance à l'heure de vol (RPFH) pluriannuel avec CFM International, évalué à 4 milliards de dollars U.S, couvrant les moteurs LEAP-1A qui équipent sa flotte de 80 Airbus A320neo.

Airbus (6 décembre)

Saudi Arabian Military Industries (SAMI), consortium d'État des industries militaires d'Arabie Saoudite, a annoncé la signature d'un accord avec Airbus pour la création d'une coentreprise spécialisée dans la maintenance de l'aéronautique militaire.

Boeing B737BCF (6 décembre)

Taikoo (Shandong) Aircraft Engineering Company (STAECO) will add two more Boeing 737-800 Boeing Converted Freighter (BCF) production lines, giving it a total of seven lines.

Drones - Advanced Air Mobility**BAE Systems, Inc. (9 décembre)**

BAE Systems has begun development of electric aircraft systems at its upgraded Endicott, New York site. The focus is on energy storage and control and power conversion systems.

Airflow and Pipistrel (7 décembre)

Airflow (San Francisco, CA) has announced a partnership with Pipistrel (Slovenia). Pipistrel will supply the motors, controllers, and batteries for Airflow's proof-of-concept vehicle for an electric short take-off and landing (eSTOL) aircraft.

Edmonton Airport (6 décembre)

In Canada's first UAS delivery operation from an airport, a Drone Delivery Canada (DDC) Sparrow UAV flew from the Operations Facility at Edmonton International Airport to an off-airport site. This is the first time that Nav Canada has approved this type of activity. Air Canada Cargo is the official agent for DDC.

N.B : La langue utilisée reflète le contenu original de la source citée et n'a pas été traduite afin de ne pas altérer le sens du contenu partagé.

Sydney Seaplanes / Embraer Eve (6 décembre)

Sydney Seaplanes has placed a provisional order for 50 of Eve Urban Air Mobility's four-passenger eVTOLs for delivery beginning in 2026. This is the second commitment from a prospective Australian operator. Queensland-based Nautilus Aviation has ordered 10 aircraft.

Spatial

Loft Orbital (7 décembre)

Loft Orbital a réalisé une levée de fonds de 125 millions d'euros, auprès d'investisseurs américains et français. Basée à San-Francisco et à Toulouse, Loft Orbital offre des services clé en main basés sur ses satellites et facturés à l'usage. Elle a comme client la NASA et la DARPA aux États-Unis ainsi que l'opérateur commercial Eutelsat et l'Onera en France.

United Launch Alliance (7 décembre)

A United Launch Alliance Atlas 5 has launched the Space Test Program-3 mission on its 90th launch. Its payload included classified items and NASA laser communications test equipment.

Safran (7 décembre)

Safran est entré en négociations exclusives pour l'acquisition de la société Orolia, un des leaders mondiaux dans les solutions Positionnement / Navigation / Temps (PNT) Résilient. Orolia fournit des équipements, des solutions de simulation et de test, et des balises de localisation d'urgence pour les applications militaires et l'aviation commerciale.

NASA (3 décembre)

Northrop Grumman, Blue Origin and Nanoracks have received contracts worth \$415.6 million from NASA to design space-based facilities for operation in low Earth orbit. NASA is planning for the retirement of the International Space Station and a transition to commercial facilities.

Innovation

Safran (7 décembre)

Safran has said that it is supporting an Airbus in-flight test and demonstration campaign that uses liquid hydrogen as the fuel for a modified CFM LEAP engine. The LEAP-1A which powers the Airbus A320neo is the most likely candidate. Safran says that the test flights are a first step in its strategy to "advance the technologies associated with a liquid hydrogen aircraft".
