



YAMATO HOLDINGS CO., LTD.

Bell and Yamato Conduct an On-Demand Delivery Demonstration

Fort Worth, Texas (August 27, 2019) – [Bell Textron Inc.](#), a Textron Inc. (NYSE: TXT) company, and [Yamato Holdings Co., Ltd.](#) (TYO: 9064) successfully conducted a joint demonstration of Bell's Autonomous Pod Transport 70 (APT 70) and Yamato's Pod Unit for Parcel Air-transportation (PUPA). The demonstration took place at Bell's testing site near Fort Worth, TX, and was an initial step of their electric vertical take-off and landing (eVTOL) logistics system development based on the strategic collaboration agreement published last year.

The demonstration took place on the morning of August 26, 2019. About 50 attendees and guests, including Mitch Snyder, Bell's president and CEO, and Yutaka Nagao, President of Yamato, joined the demonstration. In the demonstration, the following items have been examined and proved.

- (1) Autonomous flight of APT 70 with the most aerodynamically efficient flight aptitude
- (2) Safety and availability of the system both during flight and on ground
- (3) Seamless transition from flight mode to ground mode
- (4) Ease of cargo handling during loading and unloading

Bell and Yamato aspire to integrate the APT 70 into Yamato's package handling systems to create an exceptional customer experience for on demand logistics services in the early-2020s. As an initial step towards this plan, both parties have conducted a demonstration to successfully prove the utility of their developed components and that they provide a practical function serving the entire logistics mission from shipping to delivery as a whole system.

"Our team has created innovative solutions with the potential to change how the market approaches civilian logistics," said Mitch Snyder, president and CEO, Bell. "Together, we will continue refining technologies to produce an efficient and agile vehicle that operates safely in the ecosystem."

Bell's APT70 utilizes a tail-sitting eVTOL configuration and an innovative payload pod. The vehicle can reach speeds of more than 100mph and can handle loads up to 70 pounds. The APT capability enables a whole new level of expedited service and operational efficiency.

"Yamato Group's mission is to make a better world through innovation of logistics and enhancing customers' experience, as it has been in the past 100 years since its establishment. As for a radical innovation such as this project, we believe that the practical usability for our staffs who directly serve the customer as shown in our demonstration is the key to its realization," said Yutaka Nagao, Yamato's

President. “Having the success of the demonstration today, we shall accelerate our technical and service development to enter our innovative service by the early-2020s.”

Yamato’s PUPA70XG is a transformative cargo pod that can carry cargo up to 70 pounds being attached to cargo eVTOL aircrafts such as the Bell APT70. This unit both has fine aerodynamic characteristics in while at cruise and also has a high ground operational availability on a vast environmental profile. The PUPA series is a game changing cargo unit that Yamato Group has developed based on human-centric design thoughts and reflecting its rich know-how on logistics.

Bell APT70



Yamato PUPA70XG



Press Contact (US)

Bell
Felicia (Carpenito) Votta
+1 817-280-3936
[Bell Newsroom](#)

Press Contact (Asia-Pacific)

Bell
Eugene Tan
+65 6690-9741
ytan@bellflight.com
[Bell Newsroom](#)

Press Contact

Yamato
Hiroyuki Yamamoto
+81-3-3541-4141

ABOUT BELL

Thinking above and beyond is what we do. For more than 80 years, we've been reimagining the experience of flight – and where it can take us.

We are pioneers. We were the first to break the sound barrier and to certify a commercial helicopter. We were aboard NASA's first lunar mission and brought advanced tiltrotor systems to market. Today, we're defining the future of on-demand mobility. Headquartered in Fort Worth, Texas – as a wholly-owned subsidiary of Textron Inc., – we have strategic locations around the globe. And with nearly one quarter of our workforce having served, helping our military achieve their missions is a passion of ours. Above all, our breakthrough innovations deliver exceptional experiences to our customers. Efficiently. Reliably. And always, with safety at the forefront.

ABOUT TEXTRON INC.

Textron Inc. is a multi-industry company that leverages its global network of aircraft, defense, industrial and finance businesses to provide customers with innovative solutions and services. Textron is known around the world for its powerful brands such as Bell, Cessna, Beechcraft, Hawker, Jacobsen, Kautex, Lycoming, E-Z-GO, Textron Off Road, Arctic Cat, Textron Systems, and TRU Simulation + Training. For more information, visit: www.textron.com.

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