NEWS RELEASE

Sensata Technologies Develops Passive Inceptor for the Advanced Air Mobility Market

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- Sensata has developed a new fly-by-wire inceptor for electric vertical take-off and landing (eVTOL) aircraft and has provided prototypes to several advanced air mobility manufacturers.
- Sensata will showcase its new inceptor at the Farnborough Airshow from July 18-22 in Farnborough, United Kingdom at Hall 4, Booth 4138.

FARNBOROUGH, England--(BUSINESS WIRE)-- **Sensata Technologies** (NYSE: ST) today announced it has developed a new fly-by-wire inceptor for electric vertical take-off and landing (eVTOL) aircraft and has provided prototypes to several advanced air mobility manufacturers.

This press release features multimedia. View the full release here:
https://www.businesswire.com/news/home/20220718005158/en/

Sensata Technologies has developed a new fly-by-wire inceptor for electric vertical take-off and landing (eVTOL) aircraft and has provided prototypes to several advanced air mobility manufacturers. (Photo: Business Wire)

Sensata will showcase the new passive inceptor and its solutions for advanced air mobility and electric aircraftat the Farnborough International Airshow from July 18-22 in Farnborough, United Kingdom in Hall 4, Booth 4138.

A passive inceptor is a cockpit control device through which pilot inputs are collected and transmitted to actuators via the fly-by-wire system on the vehicle. Inceptors typically use position sensors like RVDTs to provide the inceptor stick's actual positions to output to the flight control system.

Sensata combines its world class position sensors, multi-axis controllers and expertise in other cockpit controls to

provide inceptor solutions that adhere to the strict safety and reliability design requirements in order to achieve airworthiness certification and are ideal for advanced air mobility, urban air mobility, trainers and other electric aircraft applications. Sensata's passive inceptor is available in 1, 2 or 3 axis movement designs, with each axis utilizing at least three rotary variable differential transformers (RVDTs) for precise position output.

The most common use of the 3-axis inceptor is to control the pitch, roll and yaw of the vehicle and features self-centering and independently customizable operating force in each axis. The grips that the pilot interfaces with can be tailored to each vehicle's operational requirements, including integrated switch functionality.

"Our decades of expertise in the aerospace sector, together with our wide range of sensing and power solutions that enable electrification, uniquely positions Sensata as a leading supplier in the advanced air mobility space. We're excited to be a part of the industry's transformation as we work with innovative companies to develop solutions for new electric aircraft," explains Stuart Parker, Aerospace General Manager at Sensata Technologies**.**

To learn more about **Sensata's inceptor** and other **solutions for urban air mobility and electric aircraft**, please visit Sensata at the Farnborough International Airshow in Hall 4, Booth 4138.

About Sensata Technologies

Sensata Technologies (NYSE:ST) is a global industrial technology company striving to create a cleaner, more efficient, electrified and connected world. Through its broad portfolio of sensors, electrical protection components and sensor-rich solutions which create valuable business insights, Sensata helps its customers address increasingly complex engineering and operating performance requirements. With more than 21,000 employees and global operations in 13 countries, Sensata serves customers in the automotive, heavy vehicle & off-road, industrial, and aerospace markets. Learn more at **www.sensata.com** and follow Sensata on **LinkedIn**, **Facebook** and **Twitter**.

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