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News Release

DSTA AND ROLLS-ROYCE PARTNER TO HARNESS DIGITAL TECHNOLOGIES FOR DEFENCE

A Memorandum of Understanding to partner on digital service solutions was signed by Singapore's Defence Science and Technology Agency (DSTA) and Rolls-Royce at the Farnborough Airshow, United Kingdom, today.

Collaboration between DSTA and Rolls-Royce will focus on the use of data analytics and digital twins aimed at optimising the time and resources spent on engine maintenance, and thereby improving the availability and performance of the Republic of Singapore Air Force (RSAF) aircraft¹. These capabilities can also be used to potentially transform engine support and maintenance training.

DSTA Chief Executive Mr Tan Peng Yam said: "Rolls-Royce supports an extensive and diverse fleet of aircraft, which provides a data source to dive deeper and generate insights on aircraft engine performance for defence. Partnering Rolls-Royce to co-develop data-driven digital solutions will boost DSTA's efforts in enhancing the efficiency of aircraft maintenance and operations."

Mr Tom Bell, Rolls-Royce President, Defence, said: "We are delighted to have the opportunity to work together with DSTA to develop exciting new digital technologies that will enable us to bring greater capability to the Republic of Singapore Air Force."

¹ The RSAF's C-130 Hercules aircraft, G550 early-warning aircraft and A330 Multi Role Tanker Transport are powered by Rolls-Royce engines.

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