Innovations at airshow

ST Engineering is applying its traditional strengths in defence manufacturing to produce aviation and urban innovations, which visitors can see at the Singapore Airshow. The Straits Times takes a look at some of them.



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Transparent armour

lighter than conventional

armoured glass.

• Made up of a highly durable and scratch-resistant ceramic material, it is 30 per cent

Customisable to different shapes and thickness, it can

be used in law enforcement, as well as marine, aerospace, and land system defence platforms.



delivery, surveillance, and conducting building inspections.

• Four mobile ports can deploy four drones covering an area of six by six kilometres.

Unmanned freighter technology

• Aims to reduce a two-man into a single-pilot cockpit. • An additional remote pilot on the ground is needed, but this pilot can support up to 12 single-pilot aircraft simultaneously.

Source: ST ENGINEERING PHOTOS: ONG WEE JIN, MARK CHEONG, ST ENGINEERING TEXT: LIM MIN ZHANG STRAITS TIMES GRAPHICS

SMART CITIES

Smart street lamp





to scan a large number of people at one time without having to do individual checks.