

# GKN AEROSPACE AND ROLLS-ROYCE EXTEND USD MULTI MILLION AGREEMENT ON TRENT XWB

News / Manufacturer



**GKN Aerospace and Rolls-Royce have agreed an extension to their risk and revenue sharing partnership (RRSP) on the Trent XWB-84 engine, the world's most efficient large aero engine. The USD multi-million, life of the programme agreement extends the design and supply of a lower weight, higher performance intermediate compressor case (ICC) for the enhanced performance Trent XWB-84 engine. GKN Aerospace has employed the very latest design methodologies and state of the art fabrication technologies, including additive manufacturing processes and new welding techniques, to create this ICC.**

GKN Aerospace's engine systems business in Sweden has been the supplier of the ICC for the TrentXWB-84 engine, through the existing RRSP, since the programme commenced. First deliveries to Rolls-Royce of the ICC for the enhanced performance Trent XWB-84 engine are scheduled for early 2018. This engine will power the A350-900 family, entering into service in early 2020.

Joakim Andersson, General Manager Trollhattan, comments: "The strength and longevity of our

partnership with Rolls-Royce, supporting their Trent engine family, is evidence of our sustained ability to create complex structures using highly skilled processes”.

This RRSP extension continues a long established relationship with Rolls-Royce that sees GKNAerospace providing a variety of complex structures in exotic metals for Trent engines. For the TrentXWB-84 the company also has contracts to supply the engine’s thrust struts, compressor blisks and inner core fairings. Across the Trent family, the company supplies: the ICC and other structures for both the Trent 500 and 900 engines; the tail bearing housing and high pressure/intermediate pressure (HPIP) structures as well as the front and rear fan case, fan cowl doors and FADEC cover for the Trent 700; the HPIP structures for the Trent 1000 as well as this engine’s rear fan case and inner core fairings.

25 JULY 2016

**ARTICLE LINK:**

<https://50skyshades.com/news/manufacturer/gkn-aerospace-and-rolls-royce-extend-usd-multi-million-agreement-on-trent-xwb>