

THE SOUL OF MONOZUKURI

The forefront of manufacturing where the MHI Group spirits lives and breathes
Photo taken by: Joe Nishizawa

No.6 Shop
Mitsubishi Heavy Industries
Aero Engines, Ltd.

Precise adjustments allow restoration to former glory

In the stillness and quietness, shop operators scrutinize each blade, wire and bolt. No.6 Shop is responsible for the maintenance of aero engines such as the V2500 and PW4000. Any damage to the engine is identified through visual and fluorescent penetrant inspections, and disassembly, repair and reassembly are performed as necessary. It is imperative that a high level of restoration accuracy is employed to restore operations to normal, especially as even the same models of engine may require different nut tightening strengths and piping positions. Moreover, the number of parts and components to be adjusted can reach up to 40,000 in some cases. The integration of such precision leads to the ultimate goal as flight safety.

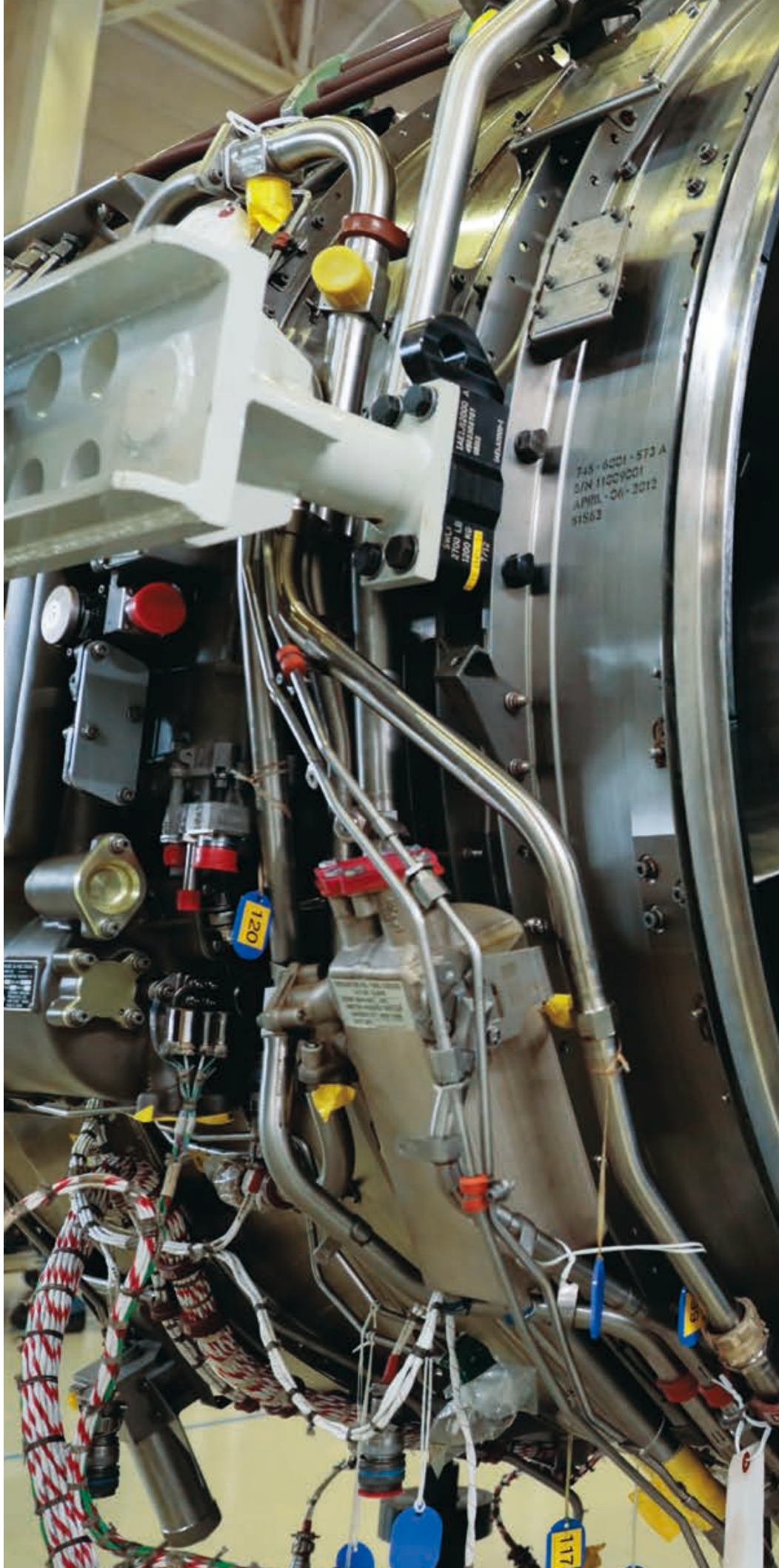
PRODUCT V2500 Series



An engine jointly developed by Japan, the U.S., Germany, the U.K. and Italy. Mainly installed on Airbus A319, A320 and A321. MHI AEL started providing maintenance services for this engine in 2016.

Photos courtesy of Japanese Aero Engines Corporation

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エンジン
組立エリア

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