Hispano-Suiza, Center of Excellence in transmission systems for SAFRAN group, is renowned as a worldwide leader in engine and helicopter power transmission systems for more than 40 years with its policy to offer its customers the highest quality of products and services. The design of helicopter transmissions relies in our large expertise in highly-loaded and high-speed aircraft gearboxes.

**ENGINE REDUCTION GEARBOX**
Hispano-Suiza has experience in design, production, support and services of reduction gearboxes for the CTS800 Rolls-Royce engine and has recently started the development of a reduction gearbox for a new high-power helicopter engine. Located on the engine side, the engine reduction gearbox is a major part of the propulsion system used to decrease the engine speed in entrance of the helicopter main gearbox.

**ACCESSORY GEARBOX FOR THE MAIN GEARBOX**
Hispano-Suiza has developed and produces the two accessory gearboxes (left and right AGBs) mounted on the main gearbox of the H175 helicopter (ex EC175). The left and right AGBs, mounted on the main gearbox, transmit power to various components such as generator, lubricating unit, air compressor, hydraulic pump, and cooling system.

**TRANSFER GEARBOX**
Hispano-Suiza is responsible for the design, manufacture, testing and support of several aircraft power transmissions, which includes transfer gearbox (TGB) subsystems. The TGB transmits power from the engine to the accessory module, via bevel gears and shafts components. Hispano-Suiza’s ambition is to extend its strong experience on TGB for aircraft engines to helicopter applications.

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