THE A350-900 MAIN LANDING GEAR
The A350-900 main landing gear is a completely new design, featuring the latest in proven technology to achieve low weight, high reliability and low cost of ownership. The design includes the increased use of advanced materials, in particular high strength titanium, corrosion resistant steels and HVOF coatings.

DESIGN AND DEVELOPMENT ACTIVITIES
The A350-900 landing gear program team is a fully collaborative effort, comprising engineering, program management, manufacturing, purchasing and customer services, in order to ensure the design meets market needs. Messier-Bugatti-Dowty engineers worked with Airbus from the start of the aircraft development to optimise integration of the landing gear into the aircraft.

PRODUCTION ACTIVITIES
The A350-900 main landing gear is an excellent example of concurrent engineering between the IPT (Integrated Program Team) in Gloucester and Messier-Bugatti-Dowty’s global manufacturing operations. The main gear components have been produced across the company’s manufacturing facilities in France, Canada, China and the UK, supported by a supply chain organization to develop partnerships with key suppliers for cost-efficient external sourcing. Final assembly of the main gear is carried out at the company’s new A350-900 landing gear production area at Gloucester.

REDUCED COST OF OWNERSHIP
The A350-900 main landing gear provides a robust solution which will reduce maintenance actions and extend the overhaul period, thus reducing the cost of ownership for operators.

Entry into service of the A350-900 was achieved in January 2015.

Messier-Bugatti-Dowty is responsible for the design, development, qualification testing, manufacture and support of the main landing gear for the A350-900.

**Messier-Bugatti-Dowty** (Safran) is the world leader in aircraft landing and braking systems. The company's capabilities encompass the full product life cycle, ranging from design and manufacture to in-service support, repair and overhaul. Messier-Bugatti-Dowty is a partner to 30 leading commercial, military, business and regional aircraft manufacturers, and supports 25,000 aircraft making over 40,000 landings every day. The company has more than 7,000 employees at locations in Europe, North America and Asia.

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