



**Sensata**  
Technologies



## | AEROSPACE PRESSURE SENSING

Sensata's Aerospace pressure transducers provide mission-critical, sensing solutions throughout the Aerospace industry across Commercial, Military, Business Jet, Rotorcraft, and General Aviation platforms.

Sensata has partnered with Parker Aerospace, a global leader in flight control actuation and hydraulics, to bring these mission-critical products to market.

### G650 Primary Flight Control and Spoiler Actuation

Sensata's oil-filled MEMS piezoresistive technology is integral to the safe operation of the Gulfstream G650 business jet. Our dual, independent output pressure transducers reliably measure hydraulic pressure throughout the aircraft, providing critical feedback to the flight control system.

### F-35B LiftSystem®

Sensata's triple-channel pressure transducer is a qualified and integral component of the Rolls-Royce LiftSystem® that allows for STOVL operation on the F-35B. Our pressure transducer provides a triple-redundant output within a minimal envelope and a rugged environment for accurate feedback of hydraulic actuator force control within the servo control module.

### MA700 Primary Flight Control

Sensata' has been awarded a pressure transducer that will be used for primary flight control actuation aboard this commercial platform. The solution is a 4-20mA output, DO-160 qualified transducer capable of withstanding significant hydraulic pressure transients.

