

# BR710

## Power for ultra-long range business jets and special mission aircraft

The versatile BR710, with variants certificated at thrust ratings between 14,750lb and 15,500lb, has become the powerplant of choice for all new generation long-range business jets.

The BR710 provides exclusive power for the Gulfstream G500® and G550® as well as the Bombardier Global Express®, Global Express-XRS® and Global 5000® business jets. The excellent take-off and climb performance of the BR710 allows these aircraft to reach cruising altitude more quickly thus saving both fuel and time. The remarkable performance of the BR710 under a wide range of operating conditions has enabled these aircraft to set many records in the fields of range, speed and altitude. The BR710 has also been selected to power the BAE Systems Nimrod MRA4 maritime patrol aircraft.

The BR710 is the cleanest and quietest engine in its class. The excellent low noise and emissions levels ensure that operators of BR710 powered aircraft have access to major airports and local airfields all around the world, even those with most stringent noise limitations.

The BR710 combines proven civil aero engine technology with advanced materials, manufacturing and aerodynamics, to ensure outstanding economics, environmental performance and low cost of ownership.

Rolls-Royce CorporateCare®, corporate aviation's most comprehensive engine care program, is available to all BR710 powered corporate aircraft operators.

- Powerplant of choice for new generation, ultra-long range business jets
- Many world records in the fields of range, speed and altitude
- Modern technology and outstanding performance
- Lowest fuel burn, noise and emissions
- Access to airfields with most stringent noise limitation
- CorporateCare® available

### Engine Specification

Engine	<b>BR710 A1 – C4</b>
Thrust	14,750 – 15,500lb
Bypass ratio	4.2
Fan diameter	48in
Length	134.0in
Stages	Fan, 10HPC, 2HPT, 2LPT
Certification	August 1996
EIS	May 1997

