

The Williams Fanjet Family

A Legacy Built on Innovation, Technology and Service

The FJ33/FJ44 family began with the introduction of the simple, rugged FJ44-1A. Using elegant engineering solutions and embracing new ideas, Williams created a reliable, easy-to-maintain engine that was inexpensive to own and operate.

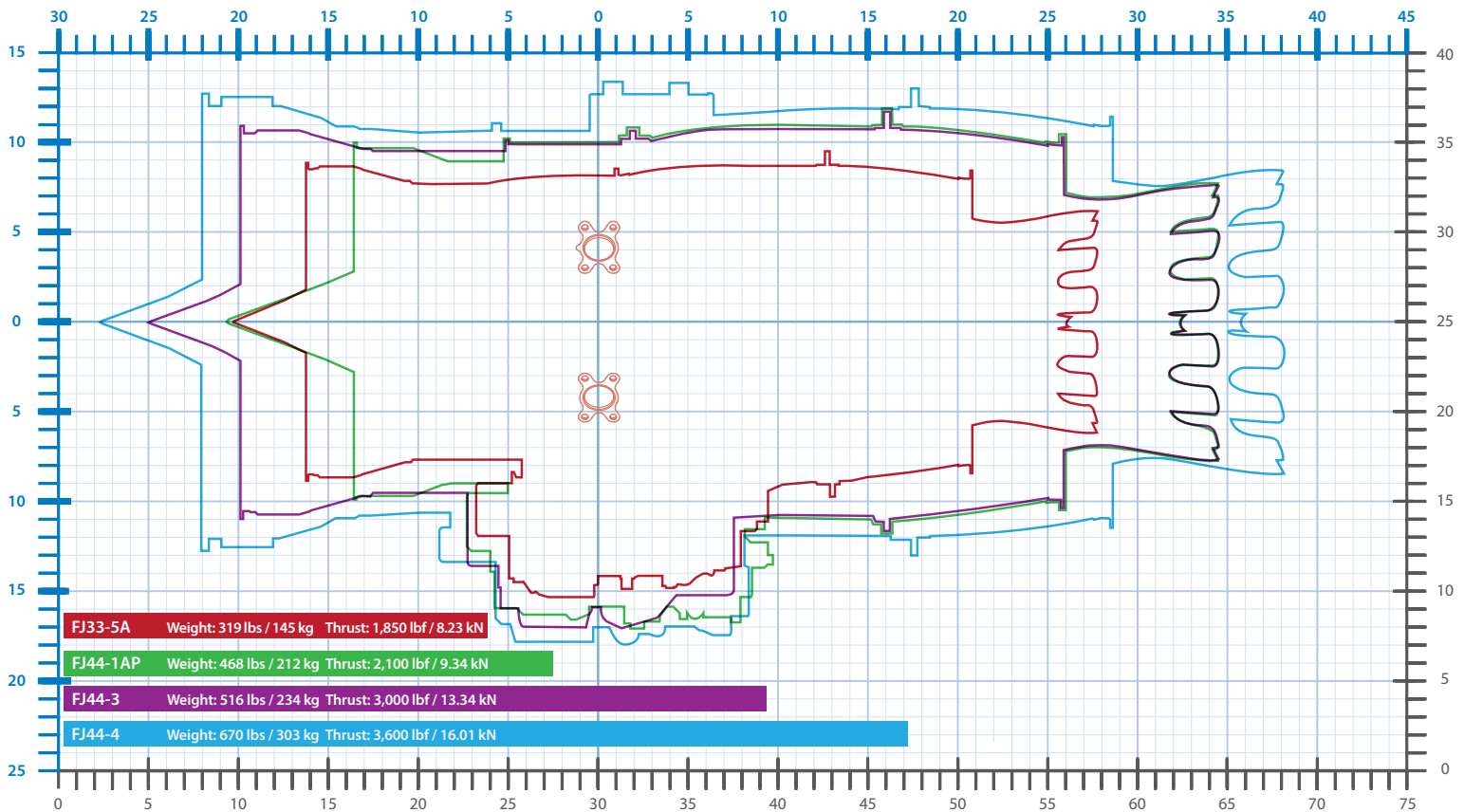
This two-spool turbofan engine uses two low pressure turbines to drive a fan and intermediate pressure compressor, and one high pressure turbine to drive a centrifugal compressor. More than half of the air flow bypasses the core and is remixed with the airflow in the exhaust which yields high thermal and propulsive efficiency while minimizing noise.

Engine control is provided by a dual channel Full Authority Digital Engine Control (FADEC), which reduces

pilot workload by using redundant computers to optimize engine performance at all flight conditions, while monitoring engine parameters to prevent exceedances that could damage the engine.

As this engine spurred growth in light jets, the product line expanded to the current four models, improving performance and durability with each new model. More than 7,500 FJ44 engines are in service, and have accumulated over 19 million hours in flight, and the FJ33-5A, FJ44-1AP, FJ44-3, and FJ44-4 engines are currently in production.

This FJ33/FJ44 engine family enables airplane makers to grow their airplane families economically due to common installation, operation, and maintenance across models.



FJ33/FJ44 engines are backed by the best product support in the industry

For over 25 years Williams product support has averaged the highest overall scores versus competitors during industry surveys of owner-operators. Williams' engine maintenance plan – the Total Assurance Program (TAP Blue) – offers coverage no competitors can match – even including repair of foreign object damage (FOD) and incorporation of all service bulletins.