

# 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.

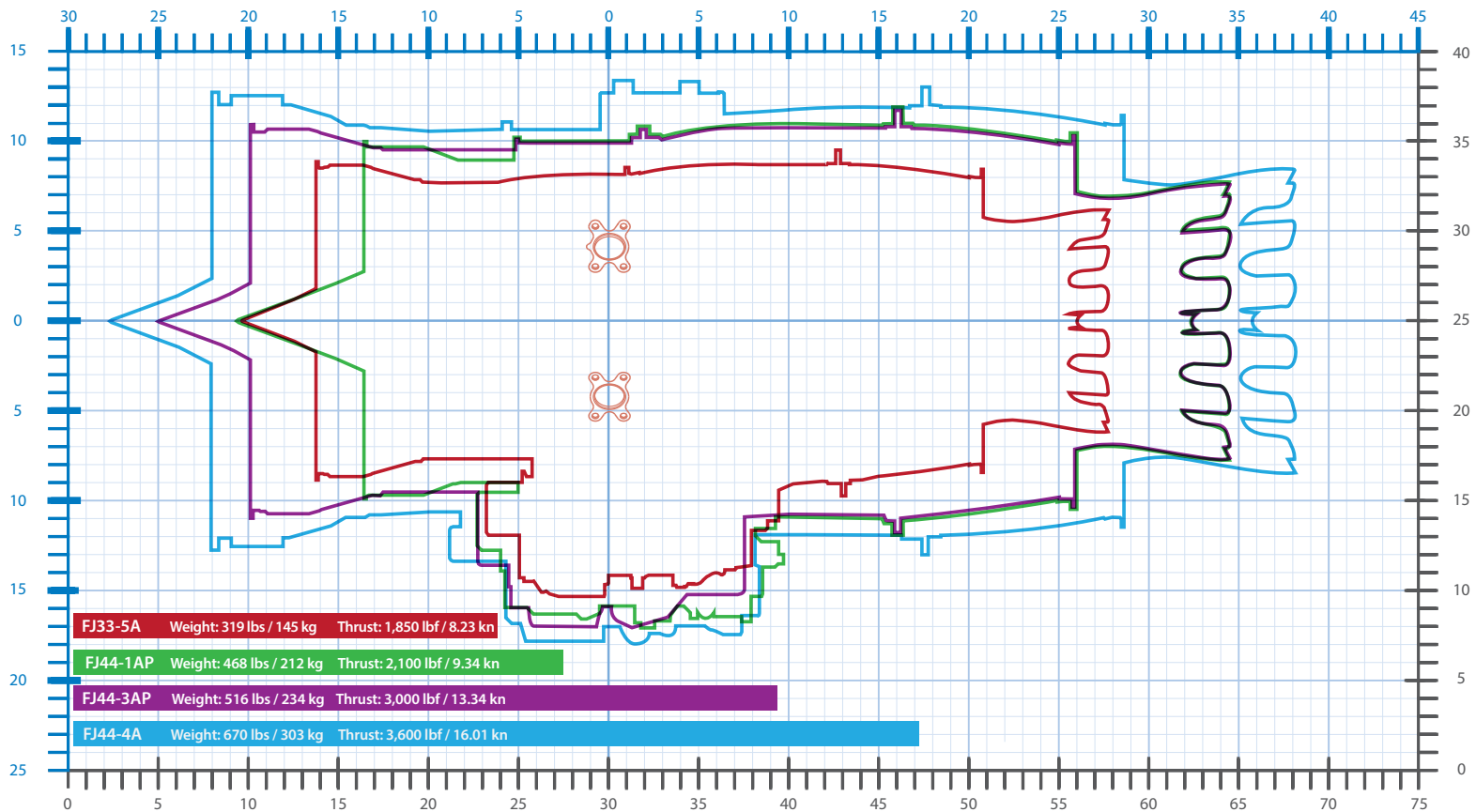
This two-spool turboprop engine uses two low pressure turbines to drive a fan and intermediate pressure compressor, and one high pressure turbine to drive a centrifugal compressor. More than half of the air flow bypasses the core and is remixed with the airflow in the exhaust which yields high thermal 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 5,700 FJ44 engines are in service, and have accumulated over 13 million hours in flight.

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 customer service in the industry – over the past 21 years Williams customer service has outscored all competitors in surveys of owner-operators, scoring 5% higher than the closest competitor. Williams’ engine maintenance plan – called 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.