

Fokker 50

Top quality, cost-effective turboprop





FOKKER SERVICES

Aircraft overview

Introduction

Fokker 50s are available at affordable prices or monthly lease rentals. Many of these aircraft were originally operated by flag carriers in Europe and elsewhere and represent exceptional quality and value. The Fokker 50 also remains a very reliable aircraft with low operating expenses and this, combined with its high payload, makes for outstanding economics.

Full product support is provided by Fokker Services, established in 1996 to continue to support the worldwide fleet of Fokker aircraft for the decades to come. As the Type Certificate Holder for all Fokker aircraft, Fokker Services is in the prime position to provide comprehensive support services to aircraft operators, owners or lessors. These services focus on these activities:

- Maintenance training,
- Engineering services,
- Logistic support,
- Component maintenance, repair & overhaul
- Aircraft maintenance and modifications

FLYFokker combines these services to provide cost-effective, tailor-made support services to any operator.

A total of 208 dependable Fokker 50s were built and over 80% are still active. The Fokker 50 is currently in service with close to 40 operators worldwide. The total operating experience is over 7 million landings.

Your needs

In today's 30-60 seat market segment operators need an exceptional aircraft to prosper: low operating cost with great passenger comfort, operating flexibility, unrivalled reliability & durability and full support. The Fokker 50 is exactly that. Its outstanding quality, excellent performance and economics enable you to serve and explore a variety of markets, in very diverse operational environments. The aircraft facilitates you to adapt quickly to changing market conditions and to take advantage of new opportunities.

Fokker 50s will continue to be available, either on lease or for purchase, as more than 75 % of the fleet have not even reached half their technical life. The Fokker 50 has proven to be and is still being considered as a valuable investment that lasts.

Your benefits

Fokker Services is dedicated to provide support services for the Fokker fleet. As an operator you will benefit from these comprehensive services, which are continuously being upgraded. We also ensure that the design of the Fokker 50 remains in compliance with the latest standards and regulations. Consequently, you can take advantage of operating a modern and mature aircraft at a fraction of the capital cost of a brand new aircraft.

Unrivalled reliability

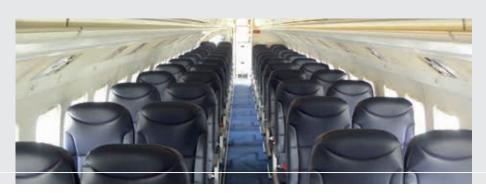
The Fokker 50 structure is based on many years of experience with the F27 Friendship, which still provides sterling service in many countries around the world. Extensive use of composite materials, large-scale use of hot-bonded structures and comprehensive anti-corrosion treatment pay off in the economic repair life of 90,000 landings, unrivalled among contemporary turboprops.

Operators use the Fokker 50 on networks with as many as 10 landings per day. The fleet leader has made more than 60,000 landings, illustrating the durability of the aircraft. Reliable systems, dependable Pratt & Whitney Canada PW125B or 127B engines and extensive operating experience combine to create an impressive technical dispatch reliability. Many operators average 99.3 % TDR. The mature Fokker 50 ensures trouble-free operations for at least the next two decades.

Great passenger comfort

Typically the Fokker 50 seats from 46 to 56 passengers at a comfortable seat pitch. As a recent product development latest technology slim backrest seats may be installed, increasing effective seat pitch by up to 2 inches or 5 cm, and decreasing weight as well.

Ample overhead bin and wardrobe space is provided. The cabin cross section is





Weights

MTOW	45,900	lb	20,820	kg
	43,980	lb	19,950	kg
MLW	44,160	lb	20,030	kg*
	43,500	lb	19,730	kg
	42,990	lb	19,500	kg
MZFW	41,665	lb	18,900	kg*
	41,000	lb	18,600	kg
Fuel cap.	9,090	lb	4,120	kg

* combined optional S/B

spacious and has a wide aisle too, unlike 3-abreast regional jets and turboprops. The seat width is typically the same as on 737s. LED lighting, enhancing the passenger experience and cutting down on weight and maintenance costs at the same time, is optionally available.

Cabin noise levels are extremely low, typically 77 dB(A), throughout large parts of the cabin. These low noise levels are achieved through design features that include slow-turning, 6-bladed propellers and vibration absorbers. No active-noise control is needed. In fact, the Fokker 50 is quieter than regional jets and many turboprops. Passengers, especially in the tropics, also benefit from the generous, and unequalled, air-conditioning capabilities.

Operational flexibility

High operational flexibility is a main feature of the Fokker 50. Quick turnarounds – increasing utilization – are facilitated by the Fokker 50 4-door concept, preventing ground handling interference. The cargo holds are located fore and aft of the cabin, each with a dedicated door. This ensures no weight and balance problems, unlike some other turboprops with a single hold.



All Fokker 50s are equipped with integral airstairs, making the aircraft independent of ground equipment and facilitating comfortable passenger boarding and embarkation. For increased independence of ground equipment an APU is installed on numerous Fokker 50s.

The Fokker 50 long range of over 900 nm or 1,700 km with a full passenger payload gives you the flexibility to serve those distant destinations as well. Low fuel burn and a high MLW combine to give you an out-and-return range capability of 500 nm or 900 km to remote destinations without fuel supply. Alternatively, 3 flights of 230 nm or 400 km can be made without refueling The Fokker 50 range capabilities are unequalled by contemporary turboprops.

The Fokker 50 has first-rate short field performance, which includes London City steep approach capability. Exterior noise levels, up to 18 EPNdB below Chapter 3, allow virtually unlimited airport access.

The Fokker 50 also has an excellent performance record for operations from unpaved runways. Its wide-track main landing gear facilitates stable operations

from uneven runways under cross wind conditions. It also contributes to a low bearing strength requirement, meaning the Fokker 50 can serve an even wider scope of airfields. The operating envelope extends from minus 54°C to ISA + 35°C. Extensive operating experience has been gained in tropical and Arctic conditions.

Modern flight deck

The Fokker 50 features a 'dark cockpit' philosophy. It comes equipped with an Electronic Flight Instrument System (EFIS) and an Automatic Flight Control System which is certified to Cat II approach limits. The sophisticated Integrated Alerting System provides three prioritized levels of warning. A unique single lever operation of the propeller pitch and engine power contributes to reduced pilot workload.

Full EU-OPS1 requirements, UNS-1 series NMS as well as a Class 2B EFB, using the iPad®, are installed on numerous Fokker 50s or can be made available through approved Service Bulletins.

The modern flight deck and excellent low speed capabilities therefore combine to make the Fokker 50 an easy-to-fly and excellent entry-level large turboprop.



FOKKER SERVICES

For Continued Competitive Operation

FOKKER



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Compelling economics

The Fokker 50 has exceptionally low DOCs per trip and per seat thanks to:

- Competitive aircraft acquisition cost or lease rentals,
- Low fuel burn at any stage length,
- Low maintenance costs,
- High reliability,
- Full start-up support at competitive rates
- Low spares costs through the acclaimed ABACUS spares pooling concept.

Fokker Services continues working on reducing maintenance costs including

increasing many maintenance task intervals and engineering of alternative repair methods.

The Fokker 50 thus has a unique cost-saving and revenue-earning potential, including:

- Cost-effectively start new routes,
- Replace 19 seater turboprops with much lower seat-mile costs,
- Replace 30-35 seater turboprops at similar trip costs,
- Replace high-cost 50-seater regional jets and older turboprops.

FLYFokker

The operation of Fokker 50s is supported by FLYFokker, our full service life cycle support program. FLYFokker Take Off provides all required start-up services and may help operators to shorten aircraft introduction to 6 weeks. FLYFokker Take Care provides comprehensive support services once the aircraft are in service. Both Take Off and Take Care are fully customized programs aimed at lowering operating costs and increasing dispatch reliability.

The Moneymaker

Choosing Fokker makes economic sense. Especially now. This is what existing and start-up operators are saying. Over 100 airlines and operators worldwide fly Fokker aircraft. Fokker Services continuously invests in supporting the 500 active Fokker aircraft around the world for decades to come. For Continued Competitive Operation.

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