

AIRCRAFT GENERAL DATA REPORT



Aircraft type:
F27.MK050 (Fokker 50)

MSN:
20233

YOM:
1991

Registration:
PH-JXK

Present owner:
Mass Holding, the Netherlands

Present operator:
Denim Air, the Netherlands

Aircraft general appearance



Passenger compartment



Galley layout



Cockpit



The Fokker 50 features a 'dark cockpit' philosophy. It comes equipped with an Electronic Flight Instrument System and an Automatic Flight Control System, which is certified for Cat II Operations. The sophisticated Integrated Alerting System, single lever operation of the propeller pitch, and unique engine power management control all contribute to reduced pilot workload. As such, the Fokker 50 is easy to fly.

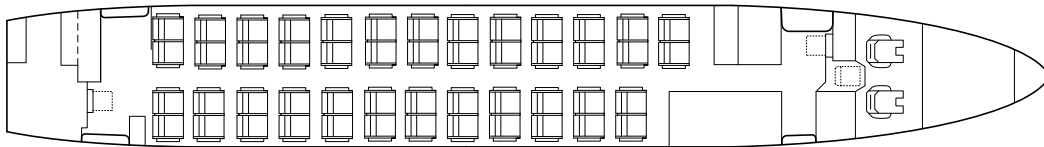
BRNAV, EGPWS, NAV and COM FM-immunity, TCAS II and UNS-1L series FMS are all installed on the Fokker 50. Steep approach capabilities, flight tracking device and a gravel kit makes the Fokker 50 geared for the job in remote areas.

General data

Maximum zero fuel weight	18 600 kg (41 000 lbs)
Maximum landing weight	19 730 kg (43 500 lbs)
Maximum take-off weight	20 820 kg (45 900 lbs)
Maximum ramp weight	20 865 kg (45 999 lbs)
Operational empty weight	13 750 kg (30 314 lbs)
Fuel Capacity	4160 kg (5135 ltr / 9170 lbs)
Power Plant	2 Pratt & Whitney PW125B turboprop, 2500 SHP each
Aircraft full length	25,25 m
Aircraft Wingspan	29,00 m
Overall height	8,32 m
Main Wheel Track	7,20 m
Wheel Base	9,70 m
Prop Diameter	3,66 m

Cabin lay-out Fokker 50

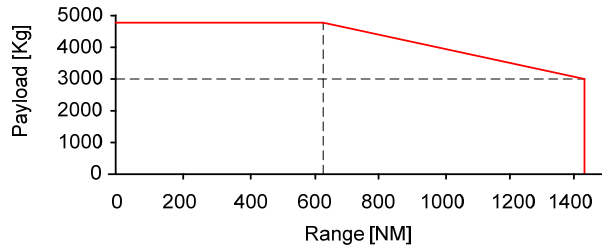
Number of seats	50
Standard seat pitch	32" (Pitch varies due to emergency exit positions)



Performance data

True Air Speed (during typical cruise) 275 kts (509 km/hr)
Service ceiling (certified) 25 000 ft (7620 m)

Payload vs Range, Fokker 50



This graph is based on generic figures, assuming ISA conditions and zero wind. Alternate and final reserve fuel is included in the calculation. Figures can vary depending on actual conditions.



*Inner circle: limited range with maximum payload.
Outer circle: maximum range, limited payload.*

AVIONICS EQUIPMENT INSTALLED				
ITEM	VENDOR	MODEL	PART NO.	QTY.
Autopilot				
Autopilot Computer	Honeywell	SP 600	4029377-914	1
Autopilot Controller	Honeywell	SP 600	4018639-924	1
Communications				
VHF Transceiver	Allied Signal		064-1047-32	2
ELT, portable 406MHz	ELTA	ADT406AP	01N65910	1
CVR	Fairchild	A 100 / A 100 A	93A100-80	1
Indicating/Recording Systems				
Flight Data Recorder	Fairchild	N. F800	980-4100DXUS	1
Navigation				
Flight Director Computer	Honeywell	FZ 500	4018369-905	2
Navigation Computer	Universal	UNS-1L	2116-40-1116	1
RMI	Collins		622-5002-701	2
Weather Radar	Honeywell	WC 650	7008470-912	1
Radio Altimeter	TRT	AHV 530A	9599-607-14925	1
AHRU	Litton	LTR-81	460800-33-31	2
EFIS Symbol Generator	Honeywell	SG-807	7013788-808	2
Mode "S" Transponder	Honeywell	MST-67A	066-01143-2101	2
TA/IVSI	Allied Signal		066-50002-8102	2
TCAS	Allied Signal	ACAS II	066-01146-1211	1
GPWS	Universal	TAWS	3010-00	1
ADF receiver	BENDIX/KING	DF-431B	3614013-4301	2
ADF control panel	BENDIX/KING		8095262-4317	2
DME interrogator	BENDIX/KING		3614019-4401	2