UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FA62
Issue 1
August 1996
FOKKER F27
Mk 050 onwards

TYPE CERTIFICATE DATA SHEET NO. FA62

This data sheet which is part of CAA Type Certificate No. FA62, prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority. The Authority of the State of Design responsible for this product is the RLD and their Type Certificate number is T-050-87.

TYPE CERTIFICATE HOLDER:
FOKKER SERVICES
P O BOX 75047
SCHIPHOL
THE NETHERLANDS

MANUFACTURER:
FOKKER SERVICES
P O BOX 75047
SCHIPHOL
THE NETHERLANDS

AIRCRAFT TYPE/
MODEL NUMBER(S):
FOKKER F27. Mk050 onwards
F27 Mk 050 (Serial numbers 20212 and subsequent)

TYPE DESIGN DEFINITION:
Type Specification No. CB-505001, Issue 1
Drawing P0000-075, Issue D
MDL CT-050-040 Issue 2, Delta I

CERTIFICATION BASIS:

JAR 25, as amended by Change 9, dated November 30, 1982 except for the following sections which are limited to show compliance with FAR part 25 with the Amendments as noted:

25.109	Amdt 25-41
25.207	Amdt 25-56
25.671(c)(3)	Amdt 25-22
25.701(d)	Amdt 25-22
25.1309	Amdt 25-22 New and major modified systems, installations and equipment comply with amendment 25 Change 9.

- Exemption from JAR 25.1149 Propeller Speed and Pitch Controls

- Exemption from JAR 25.1305(e) Propeller Reverse Pitch Indication

- Special Conditions to JAR 25.1309(a), (c), (d), (g) Lightning Strike Protection - indirect effects

- JAR 25.783 as amended by Change 10 dated December 19, 1983.

- JAR 25.905(d) introduced by Amendment 87/1 to JAR 25 Change 11 dated March 20, 1987

- Amendment 86/1 to JAR 25 Change 11 dated June 16, 1986 as far as adopting FAR Amendments 25-28 and 25-59*

  * Optional up to s/n 20140, thereafter standard.

- Amendment 86/2 to JAR 25 Change 11 dated December 17, 1986 as far as adopting FAR Amendments 25-60

- Automatic Flight Control System, complies with applicable requirements of FAR 25 Amdt. 56 and AC 25-1329-1A and AC 25-1309-1.

- RLD Certification criteria for Electronic displays laid down in RLD document LI/LW/85-058 incorporated in Issue E1.

- ICAO Annex 16, Vol. 1, Chapter 3, 1st Edition 1981 including Amdt. 2.

- Compliance with the optional Ice Protection requirements as stated in JAR 25.1419 Change 9.

NOTE: Compliance has been shown with Amendment 121-185 to FAR part 121.

UK Additional Requirements for Certification at latest issue.

CERTIFICATION CATEGORY: Transport Category (Passenger)

PERFORMANCE CATEGORY: UK : Group A

FLIGHT MANUAL: The limitations, recommended procedures and information required are contained in the following document:
RLD approved Fokker Aircraft F25 Mk 050 Airplane Flight Manual identified by aircraft serial number.

ENGINE: Two Pratt & Whitney PW125B engines.
Engine TCDS number E19.

PROPELLER: Dowty Rotol(c) R352/6-123-F/1, -F/2
Propeller TCDS number - 105

MAXIMUM WEIGHTS:

	Lb	Kg
Maximum Taxying weight	45,900	20,820
Maximum take-off weight	45,900	20,820
Maximum landing weight	43,500	19,780
Maximum zero fuel weight	41,000	18,600

DIMENSIONS:

	Ft	M
Length	82.83	25.25
Wingspan	95.15	29.00
Height	27ft3.44in	8.32
Wing area	754 sq.ft	70 sq.m

MINIMUM CREW: Two Pilots.

MAXIMUM OCCUPANTS/PASSENGERS: The total number of occupants, including crew shall not exceed 67. (sixty-seven). This is limited by the maximum number of occupants for which simulated crash evacuation has been demonstrated.

OPERATING LIMITATIONS: Operating Limitations are contained in the Flight Manual.

MANDATORY MAINTENANCE INSTRUCTIONS: Information essential to the proper maintenance of the aircraft is given in:

- Structural Repair Manual (RLD approved)
- Maintenance Manual (Chapter 05-10, RLD approved, specifies the Airworthiness Limitations)
- MRB document (RLD approved)
- Maintenance Planning Document
- Service Bulletins (RLD approved)
- Service Letters
- Service Instructions (RLD approved)

NOISE: Refer to CAA Noise Type Certificate No. 189

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