UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FA52
Issue 2
November 2000
LOCKHEED L188

TYPE CERTIFICATE DATA SHEET No. FA52

This data sheet which is part of CAA Type Certificate No. FA52, prescribes the conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

In this case of a foreign manufactured type, the CAA type certification is based on the US Federal Aviation Administration certification as issued under FAA Type Certificate No. 4A22.

TYPE CERTIFICATE HOLDER: Lockheed Aeronautical Systems Company
86 South Cobb Drive
Marietta, Georgia, 300063
USA

MANUFACTURER: Lockheed Aeronautical Systems Company

AIRCRAFT TYPE/ MODEL NUMBER(S): Lockheed Model L-188 Electra

TYPE DESIGN DEFINITION: Model Specification Report 10637

CERTIFICATION BASIS:

The following requirements were the basis of certification of the type design:-

CAR 4b dated December 1953, Amendments 4b-1 and 4b-2, the special conditions and provisions of Amendments 4b-3, 4b-4 and 4b-6 listed in Attachment A to Civil Aeronautics Agency letter of 21 October 1957, and the provisions of item 2 of Special Civil Air Regulation No. SR-422. Civll Aeronautics Agency letters to Lockheed Aircraft Corporation dated 22 January 1957 and 22 January 1958 relative to emergency exits and oxygen requirements respectively.

Lockheed L188C Electra Additional Requirements for Certification in the Private or Transport Category, Issue 1 dated 22 August 1992.

CERTIFICATION CATEGORY: UK - Transport Category (Passenger)

PERFORMANCE CATEGORY: UK - Group A

FLIGHT MANUAL: The limitations, recommended procedures and information required are contained in the following Flight Manuals:-

FAA approved Flight Manual LR12437, for L-188A
FAA approved Flight Manual LR13774, for L-188C

ENGINE: 4 Allision 501-D13 or 501-D13A engines.
CAA Validated 20 February 1991

PROPELLERS: 4 Aero Products A6441 FN-606 Propellers
or
4 Hamilton Standard Hubs 54H60-61, Blades A & 109B-2 or A & 7121B-2

MAXIMUM WEIGHTS: S/N 1057, 1070 thru 1148 & 2001 thru 2022

	Lb	Kg
Maximum Taxying weight		
Maximum take-off weight	116,000 lb	52,617 kg
Maximum landing weight	95,650 lb	43,386 kg
Maximum zero fuel weight	86,000 lb	39,009 kg

Serial Number 1001 thru 1056 and Serial Number 1058 thru 1069: Maximum Tow 113,000lb.

DIMENSIONS:

	Ft	M
Length	104 ft 6.5 n	31.81m
Wingspan	99 ft	30.18m
Height	32 ft 9.2 in	9.78m

MINIMUM CREW: Pilot, Co-Pilot and Flight Engineer

MAXIMUM OCCUPANTS/PASSENGERS: The maximum number of occupants/passengers is 22. Individual aircraft may be further limited by the number of seats provided which are approved for use during take off and landing.

OPERATING LIMITATIONS: Refer to the appropriate Flight Manual

MANDATORY MAINTENANCE INSTRUCTIONS: Maintenance Requirements -

Lockheed Electra Maintenance Planning Guide
Lockheed Maintenance Manual
Lockheed Supplemental Inspection Document (LR29428)

Life Limited Parts -

Lockheed Electra Maintenance Planning Guide
Component Overhaul Data

NOISE: CAA Noise Type Certificate Number 148 Issue 1

- END -