UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FA54
Issue 4
March 2000
CESSNA Model 208 Caravan I
CESSNA Model 208B Caravan I

TYPE CERTIFICATE DATA SHEET NO. FA54

This data sheet, which is part of CAA Type Certificate No. FA54, prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

TYPE CERTIFICATE HOLDER:
THE CESSNA AIRCRAFT COMPANY
P O Box 7704
Wichita
Kansas 67277
U S A

MANUFACTURER:
As above

AIRCRAFT TYPE:
Cessna Model 208, Caravan I

MODEL NUMBER(S):
Cessna Model 208B, Caravan I

TYPE DESIGN DEFINITION:

Cessna 208 Caravan I
Cessna Drawing No. 2600000 with modifications as defined by Cessna Drawing no. 2601349

Cessna 208B Caravan I
Cessna Drawing No. 2600000-2 and 2600000-3 with modifications as defined by Cessna Drawing no. 2601349 at latest issue.

CERTIFICATION BASIS:
FAA certification basis as presented by FAA TCDS A37CE, together with UK Additional Requirements for certification.

CERTIFICATION CATEGORY:
Transport Category (Passenger),
Transport Category (Cargo)
Private Category

PERFORMANCE CATEGORY:
Group D

FLIGHT MANUAL:

Cessna 208 Caravan I
Pilots Operating Handbook and FAA approved Flight Manual - Cessna Part No. D1307-13PH (for PT6A-114 (600SHP) engine installation) or D1352-13PH (for PT6A-114A (675SHP) engine installation)

Cont'd

British Aeroplane Flight Manual Supplement (CAA Approved) - Cessna Part No. D1307-13PHUK (for PT6A-114 (600SHP) engine installation) or D1352-13PHUK (for PT6A-114A (675SHP) engine installation)

Cessna 208B Caravan I

Pilots Operating Handbook and FAA approved Flight Manual - Cessna P/Ns D1329-13PH (for P&W PT6A-114A engine installation) or D1309-13PH (for PT6A-114 (600SHP) engine)

British Aeroplane Flight Manual (CAA Approved)
Cessna P/Ns D1329-13PHUK (for P&W PT6A-114A engine installation) or D1309-13PHUK (for PT6A-114 (600SHP) engine).

ENGINE:

Cessna 208 Caravan I One PT6A-114 (600SHP) Turbo Prop engine, Engine TCDS No. E4EA, or
One PT6A-114A (675 SHP). Engine TCDS No. E4EA.

Cessna 208B Caravan I

One PT6A-114A (675 SHP). Turbo Prop engine. Engine TCDS No. E4EA, or
One PT6A-114 (600SHP). Engine TCDS No. E4EA.

PROPELLER:

Cessna 208 and 208B

McCauley : 3GFR34C703/106GA-O
Propeller TCDS No. P60GL

Hartzell: HC-B3MN/3/M10083
Propeller TCDS No. P9NE

Note: For the 208 PT6A114A (675 SHP) version, only the McCauley 3GFR34C703/106GA-O propeller has currently been investigated and approved by CAA.

MAXIMUM WEIGHTS:

Cessna 208 Caravan I

	Lb	kg
Maximum Taxying weight	8035	3645
Maximum take-off weight	8000	3629
Maximum landing weight	7800	3538
Maximum zero fuel weight	-	-
Maximum aerobatic weight	-	-

MAXIMUM WEIGHTS:

Cessna 208B Caravan I

	Lb	kg
Maximum Taxying weight	8785	3985
Maximum take-off weight	8750	3969
Maximum landing weight	8500	3856
Maximum zero fuel weight	-	-
Maximum aerobatic weight	-	-

DIMENSIONS:

Cessna 208 Caravan I

	ft	m
Length	37'7"	11.46
Wingspan	52'1"	15.88
Height	15'5.5"	4.71
Wing area	279.40sq.ft	25.96 sq.m

DIMENSIONS:

Cessna 208B Caravan I

	ft	m
Length	41'7"	12.67
Wingspan	52'1"	15.88
Height	15'5.5"	4. 71
Wing area	279.40 sq.ft	25.96 sq.m

MINIMUM CREW: One pilot in left seat

MAXIMUM OCCUPANTS/PASSENGERS: 14 occupants, including pilot.
Refer to British Aeroplane Flight Manual

OPERATING LIMITATIONS: See Section 2 of POH/BAFM

MANDATORY MAINTENANCE INSTRUCTIONS: Cessna Model 208 Series Maintenance Manual; D2077-3-13 or later approved revision.

NOISE:

Cessna 208, Caravan I — CAA Noise Type Certificates 135 and 142

Cessna 208B, Caravan I — CAA Noise Type Certificate 135 issue 4 & 142 Issue 4

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