TYPE CERTIFICATE DATA SHEET № TL 0057

Cessna Model 680

Type Certificate Holder: Cessna Aircraft Company
P.O. Box 7704
Wichita, Kansas 67277
USA

Model: Cessna Model 680

Issue 1, 27 November 2012

This Data Sheet which is integral part of Type Certificate № TL0057 prescribes the conditions and limitations under which the product(s) for which the Type Certificate was issued meet(s) the airworthiness requirements and environmental protection requirements, stated in Certification basis mentioned in this Data Sheet.

List of effective Pages:

<table>
<thead>
<tr>
<th>Page:</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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</table>
A. General
B. Certification Basis
C. Technical Characteristics and Operational Limitations
D. Notes
A. General
1. Type Certificate Holder: Cessna Aircraft Company P.O. Box 7704 Wichita, Kansas 67277 U.S.A.
2. Manufacturer: Cessna Aircraft Company P.O. Box 7704 Wichita, Kansas 67277 U.S.A.
3. Airworthiness Category: Transport category
4. SAAU Certification Application date: 14 February 2012
5. SAAU Type Certification date: 23 November 2012

B. Certification Basis
1. FAA Certification Basis: As defined in FAA TCDS T00012WI
2. SAAU Certification Basis:
   2.1. Airworthiness Requirements:
   AR-25 “Airworthiness Standards for Transport Category Airplanes”
   2.2. Environmental Requirements:
   ICAO Annex 16, Volume I
   2.3. SAAU Equivalent Safety Findings:
   AR 25. 103 Stall speed (ref. SAAU CRI F-2)
   AR 25.201(a)(2*), 25.203(a*), (b*) Stall demonstration, Stall characteristics (ref. SAAU CRI F-5)
   AR 25.807, 25.813(e) Emergency Exit Access (ref. SAAU CRI SL-1)
   AR 25.815, AR 25.811 (b) Width of aisle and Emergency exit marking (ref. SAAU CRI SL-2)
   AR 25.809 (a*) Emergency exit arrangement (ref. SAAU CRI SL-5)
   AR D25F.8.8.6 Power supply from emergency sources (ref. SAAU CRI E-4)
   AR 25.1305; 25.1549 Digital APU Indicators (ref. SAAU CRI E-6)
   AR 25.1305; 25.1549 Digital Engine Parameter, Fuel Flow (ref. SAAU CRI E-7)
   AR 25.857; 25.1195 Fire extinguishing systems (ref SAAU CRI E-8)
   AR 25.933; 25.1309; 25.571 Reversing systems (ref. SAAU CRI E-9)
   AR 25, D25F.5.10.1.6 Flight data recorders and cockpit voice recorders (ref. SAAU CRI A-8)
2.4. SAAU Exemptions:

AR 25. 161(d)  Lateral trim (ref. SAAU CRI F-1) – up to s/n 680-0049.

C. Technical Characteristics and Operational Limitations

1. Description:
The Cessna Model 680 is a corporate jet, with a straight wing and a conventional empennage. The maximum certificated passenger seating configuration is 12 passengers, the maximum operating altitude 47,000 ft (14325.6 m). The aircraft is powered by two Pratt & Whitney PW306C engines.

2. Type Design Definition:
680-02-001, Revision B, Model 680 Master Drawing List Parts List No. 6900000, Revision AJ, Airplane Assembly See Note 2

3. Engines:
SAAU engine certification status:
Two Pratt & Whitney Canada Corp. PW306C SAAU TC No.TD0028

4. Engine Limits:
Static thrust at sea level:
- Take-off (5 minutes)  2617 kg (5 770 lbs)
- Maximum continuous  2617 kg (5 770 lbs)
Other engine limitations:  See SAAU TCDS No.TD0028

5. Fuel
- refer to the limitations section of the approved Airplane Flight Manual.

6. Limit Speeds
Refer to approved Airplane Flight Manual

7. Centre of Gravity Range
Refer to approved Airplane Flight Manual

8. Maximum Certified Weights
Ramp Gross Weight  13 857 kg (30 550 lbs)
MTOW (lbs)  13 743 kg (30 300 lbs)
MLW (lbs)  12 292 kg (27 100 lbs)
MZFW (lbs)  9 434 kg (20 800 lbs)

9. Fuel quantity
(Density: 0.8 kg/litre, 6.7 lbs per US Gallon)

<table>
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<tr>
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<th>LH WING TANK</th>
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<td>Cessna Model 680</td>
<td>Issue 1, 27 November 2012</td>
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Total Usable Fuel (all tanks): 5090.6 kg (11 223 lbs)

10. Dimensions:

- Lenght: 19.37 m (63.54 Ft)
- Height: 5.24 m (17.20 Ft)
- Wingspan: 19.24 m (63.13 Ft)
- Horizontal Stabilizer Span: 8.40 m (27.55 Ft)

11. Minimum Flight Crew:

Two (2): One pilot and one co-pilot

12. Maximum Certificated Passenger Seating Capacity:

The aircraft is eligible for carriage of 12 passengers provided approved seating arrangement and related required passenger provisions are incorporated in accordance with the Certification Basis.

13. Cargo compartment loading

Cargo compartment loading must be accomplished in accordance with limitations as outlined in 68WB-00, Weight and Balance Manual, or later approved revision.

14. Environmental Flight Envelope

Refer to approved Airplane Flight Manual.

15. Other Limitations

Refer to approved Airplane Flight Manual.

16. Auxiliary Power Unit (APU)

SAAU APU certification status: RE100[CS] of Honeywell (Allied Signal)

SAAU TC No.TDD0011

17. Operating Instructions:

- Airplane Flight Manual 68FM-03;
- Supplement 30 to AFM 68FM-S30-00;
- Weight & Balance Manual 68WB-00;
- Master Minimum Equipment List Model 680.

18. Service Instructions:

- Maintenance Manual 68MM02;
- Structural Repair Manual 68SR00;
- Illustrated Parts Catalogue 68PC02;
- Wiring Diagram Manual 68WD01;
- Service Bulletins;
- Service Letters.

D. Notes

Note 1: The Citation Sovereign is commercial name of Cessna Model 680.

Note 2: REQUIRED EQUIPMENT FOR OPERATION IN UKRAINE:
1. FDR (L3 Communications FA2100, p/n 2100-2042-00).
2. One or two HF radios (KAC-1052 Antenna Coupler (p/n 064-01074-0101), KPA-1052 Power Amplifier (p/n 064-01072-0101), KRX-1053 Receiver/Exciter (p/n 064-01073-0101) and a HF conformal antenna (p/n 8910000)).
   - One HF radio when operating on routes where the VHF radio cannot provide total coverage and the breaks in the VHF communication fields defined for 80% of the effective radio horizon exceed 5 minutes.
   - Two HF radios when breaks in VHF communication are expected for more than 1 hour of flight.
3. Protective (portable) breathing equipment (p/n MR10051N).
4. Portable emergency VHF communications radio (p/n P-855A1).*
5. Portable three frequency ELT (KANNA-406AP p/n S1820502-02).*
   * For operation over difficult to access, rarely populated regions, and large water surfaces.

Note 3: Each of the documents listed below that contain a statement that it is approved by the FAA are accepted by the SAAU and are considered SAAU approved. Approvals issued by Cessna Aircraft Company under the authority of FAA are considered SAAU approved.
Cessna Aircraft Company Service Bulletins and Modifications;
Structural repair manuals;
Vendor manuals referenced in Cessna Aircraft Company service bulletins;
Airplane Flight Manuals (included Revisions and Supplements);
Aircraft Maintenance Manual;
Repair Instructions.

Note 4: The noise levels of the airplane with engines PW306C are not greater than the noise level prescribed in ICAO, Annex 16, Volume I, Part 2, Chapter 4, Amendment 7 noise limits. The noise levels are follows:

<table>
<thead>
<tr>
<th>Noise levels in control points EPNL, EPNdB</th>
<th>during take-off</th>
<th>during landing</th>
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<tbody>
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<td></td>
<td>Lateral</td>
<td>Flyover</td>
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<tr>
<td></td>
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<tr>
<td>m_{max}, kg</td>
<td>flaps</td>
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<tr>
<td>13 743</td>
<td>7°</td>
<td>87,5</td>
</tr>
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</table>

Restrictions, conditions and operational methods for provision of the above noise levels are contained in the AFM 68FM-03, Section IV, Subsection 4-110-8.

Head of Aeronautical Products
Type Certification Department

Sergii Gaidenko