UKRAINE
STATE DEPARTMENT OF AVIATION TRANSPORT
AVIATION REGISTER

TJI 0003
TBM-700
Revision 3

Type Certificate Data Sheet № TJI 0003

This Data Sheet is an inalienable part of the Type Certificate № TJI 0003 and sets forth conditions and limitations in accordance with which the product specified in Type Certificate № TJI 0003 meets Airworthiness Standards currently in force in Ukraine.

Holder of the Type Certificate:
Socata
Groupe Aérospatiale
65000 Tarbes Cedex

Category of Airplane:
Socata TBM-700 model
Normal category

Date of approval by Aviation Register of State Department of Aviation Transport of Ukraine (AR SDATU):
June 14, 1995 p.

Engines:
One turboprop Pratt & Whitney Canada PT6A-64 engine.

Parameters of engine:

<table>
<thead>
<tr>
<th>Parameters of engine</th>
<th>Take off (5 minutes)</th>
<th>Maximum continuous</th>
<th>Maximum reversal</th>
<th>Start</th>
</tr>
</thead>
<tbody>
<tr>
<td>-equivalent horse power on the shaft (KW)</td>
<td>747 (557)</td>
<td>747 (557)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- horse power on the shaft (KW)</td>
<td>700 (522)</td>
<td>700 (522)</td>
<td>700 (522)</td>
<td>-</td>
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<tr>
<td>-propulsive force:</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>kg (pounds)</td>
<td>53.92 (119)</td>
<td>53.92 (119)</td>
<td>-</td>
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<tr>
<td>- Maximum RPM</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>- output shaft</td>
<td>2000</td>
<td>2000</td>
<td>1900</td>
<td>-</td>
</tr>
<tr>
<td>-gazgenerator</td>
<td>39000</td>
<td>39000</td>
<td></td>
<td></td>
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<tr>
<td>- Maximum allowable temperatures for constant power:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>°C (°F)</td>
<td>800 (1472)</td>
<td>800 (1472)</td>
<td>-</td>
<td>1000 (1832) for 5 seconds</td>
</tr>
</tbody>
</table>

Modes
Datum:
- horizontal
- vertical

3 meters ahead of front firewall face
Cabin floor mounting rails.

Maximum weight, kg
- ramp 3000
- tare off 2984
- landing 2835
- baggage 50
- forward section 100

Fuel tanks capacity
- total 1100 litres (880 kg*)
- usable 1066 litres (853 kg*)
- unusable 34 litres (27 kg*)

* - for fuel specific weight 0.8 kg/litres

Oil system capacity: 12 litres

Certification basis: Aviation Regulation API-23

S/N covered by the Type Certificate № TJI 0003: Reserved

NOTE 1. Aircraft should be carried out in accordance with Airplane Flight Manual, approved by DGAC, and Supplement to it, approved by AR SDATU;

NOTE 2. Aircraft are permitted to operate on pawed runways only with friction coefficient μ not less than 0.3.
Maximum depth of runway precipitations:
- standing water 3mm
- dry snow 10mm
- Maximum sidewind 14 m/s

NOTE 3. Airplane must be equipped with metrical altimeter and VHF radio in order to be permitted for operation. There must be provided a warning of flight level deviation of more than 60 m (200 ft);

NOTE 4. All placards for emergency rescue equipment inside and outboard of aircraft must be duplicated in the Ukrainin language.

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