

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 92-206(A) R3
In case of any difficulty, reference should be made to the French original issue.

SOCATA

TB 10 airplanes

Exhaust system

This Airworthiness Directive concerns TB 10 airplanes :

- **S/N 1 to 1191, 1194 to 1421, 1424 to 1426 and 1481** : apply paragraphs 1-A or 1-B or 1-C, and
- **S/N 1192, 1193, 1422, 1423, 1427 to 1480** : apply paragraph 1-B, and
- **S/N 1482 to 1619** : apply paragraph 1-C.

In order to ensure the integrity of the exhaust assembly, the following measures are made MANDATORY at the effective date of this Airworthiness Directive.

- Within the next 50 hours T.I.S., apply the following disassemblies and checks depending on the case :

1-A- SB 10-063-78 has not been applied

- . Disassembly, detailed inspection of the exhaust system and of the exchanger, inspection and marking of the exhaust pipe output tube.
Replacement of the L.H. front manifold, of the manifold and exhaust system coupling sleeves on the R.H. front, R.H. rear and L.H. rear manifolds and replacement of the mounting flange seals and of the mounting flange and manifold attaching parts, in accordance with instructions of paragraphs 1 and 4 of SB 10-073-78 Rev 2.

1-B- SB 10-063-78 has been applied in its MANDATORY part (KIT OPT 10-9183)

- . Inspection and marking of the exhaust pipe output tube, replacement of the L.H. front manifold, of the manifold and exhaust system coupling sleeves on the R.H. front, R.H. rear and L.H. rear manifolds and replacement of the mounting flange seals and of the mounting flange and manifold attaching parts, in accordance with instructions of paragraphs 2 and 4 of SB 10-073-78 Rev 2.

1-C- SB 10-063-78 has been applied in its entirety (KITS OPT 10-9183 and 10-9185)

- . Inspection and marking of the exhaust pipe output tube, replacement of the mounting flange seals and of the mounting flange and manifold attaching parts, in accordance with instructions of paragraphs 3 and 4 of SB 10-073-78 Rev 2.

2- If there are cracks at side flanges of the exhaust pipe, apply KIT OPT 10-9195.

3- If there are cracks on exchanger, refer to Chapter VIII.6 or 21.40 of the Maintenance Manual.

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- 4- After installation of engine cowls, the exhaust output tube shall nearly be centered in lower cowl hole.
- . If the output tube touches or does not fit into the lower cowl hole, position again the exhaust system assembly without stress.
 - . If defect persists, replace the exhaust system with an exhaust pipe P/N 10-56014008.

Record the application of this Airworthiness Directive on the aircraft Log book.

REF : SOCATA TB airplanes SB N° 10-073-78 Rev 2

This Revision 3 replaces AD 92-206(A) R2 dated September 13, 1995.

EFFECTIVE DATES :

Original AD : OCTOBER 10, 1992
Revision 3 : OCTOBER 10, 1992
(same as the original AD)