



**SUPPORT CLIENT / CUSTOMER SUPPORT**

AERODROME TARBES—OSSUN—LOURDES  
B.P. 930 – F65009 TARBES CEDEX  
FRANCE

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TELEX : 532 835 F

# SERVICE BULLETIN

**TB AIRCRAFT**

<b>SB 10–128</b>	<b>30</b> <small>ATA No.</small>
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**FACULTATIVE**

DOA D.G.A.C. F.JA.04 Approved

**SUBJECT** : DRAINING OF AIRFRAME DEICING FILLING HOLE  
**EFFECTIVITY** : TB 20 and TB 21 aircraft up to S/N 2143 equipped with OPT10 C687 00M, C687 05M, C687 10M, C687 15M "Airframe deicing" optional equipment.

**REASON** :

- A. PROBLEM  
Glycol projection at the rear part of the fuselage.
- B. REASON  
Leak of glycol through air vent located on filling plug.
- C. SOLUTION  
Installation of a drain.

**SUMMARY** :

- A. PREPARATION
- B. PROCEDURE
- C. RECONDITIONING

**COMPLIANCE** : Customer's option

**PROCURABLE MATERIAL** :

– Kit No. OPT10 9282–00 to be ordered from your TB spare parts distributor.

Item	Part number	Description	Qty/aircraft
13	Z00.N5529308001	Rivet	2
14, 31	Z00.N7141323025	Clamp	2
16	Z00.N4247754001	HAPPICH tape	7.87 in (0.2 m)
17	TB20 9608110300	Angle	1
18	Z00.N5536342406	Rivet	4
19	Z00.N5734041120	Rivet washer	4
20	Z00.N4381430577	Vinyl hose	27.56 in (0.7 m)
21	TB20 9608110100	Flange end	1
32	Z00.N5528340225	Rivet	3
33	TB20 9608110000	Flange end	1

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**CONSUMABLE MATERIAL** (Local purchase) :

- PR 1422 A2
- DOW CORNING 732

**TOOLING** :

- Standard aeronautical maintenance station tools
- Drill, dia. 1/8" (3.2 mm)
- Drill, dia. 0.39 in (10 mm)

**MANPOWER** :

- 1 aeronautical mechanic : 3 hours

**TECHNICAL INCIDENCES** :

- None

**ACCOMPLISHMENT INSTRUCTIONS** :**WARNING**

**PRIOR TO ANY OPERATION, ENSURE THAT THE KEY IS REMOVED FROM MAGNETO SELECTOR AND THAT "MAIN SWITCH" IS OFF.  
IF AIRCRAFT IS EQUIPPED WITH DISCONNECT PLUG ON FIREWALL, DISCONNECT "MAGNETO DISCONNECT" PLUG AND CONNECT IT TO "GROUND MAGNETO FOR SERVICING" PLUG.**

**NOTE :**

*Operations required in this Service Bulletin must be accomplished by persons authorized by their Airworthiness Authorities and according to the procedure described hereafter.*

**A. PREPARATION**

- 1) Open baggage compartment door 219.
- 2) Remove baggage compartment bottom door 242.

**B. PROCEDURE** – see Figures 1, 2 and 3

- 1) Untighten clamp (2), remove filling flexible (3) and install a blanking cap.
- 2) Remove door 224.
- 3) According to Detail B, mark attaching dimensions of angle (17), P/N TB20 9608110300 and of flange end (21), P/N TB20 9608110100.
- 4) Position angle (17), make sure there is a gap of about 0.20 in (5 mm) at plug (11) location.
- 5) Counterdrill to diameter 0.13 in (3.2 mm). Deburr.
- 6) Apply a coat of PR 1422 A2 on angle bearing surfaces.
- 7) Install rivet washers (19), P/N Z00.N5734041120, rivets (18), P/N Z00.N5536342406.
- 8) Drill central hole of flange end (21) on tube (22) then counterdrill to diameter 0.39 in (10 mm). Deburr.
- 9) Position flange end (21), counterdrill attaching holes to diameter 0.13 in (3.2 mm). Deburr.

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- 10) Apply a coat of PR 1422 A2 on flange end (21) bearing surfaces.
  - 11) Install rivets (13), P/N Z00.N5529308001.
  - 12) Make sure plug (11) air vent (12) hole is correctly directed towards drain.
  - 13) If necessary, remove plug (11), position it again.
  - 14) According to Detail D, mark attaching dimensions of flange end (33), P/N TB20 9608110000.
  - 15) Drill to diameter 0.13 in (3.2 mm). Deburr.
  - 16) Counterdrill to diameter 0.39 in (10 mm). Deburr.
  - 17) Apply a coat of PR 1422 A2 on bearing surfaces.
  - 18) Make sure flange end (33) chamfer is correctly positioned.
  - 19) Install rivets (32), P/N Z00.N5528340225.
  - 20) Protect equipment against possible projections.
  - 21) Using a countersink, cut gutter (15), according to Detail C.
  - 22) Vacuum chips.
  - 23) Install Happich tape (16), P/N Z00.N424774001 on gutter (15) edge.
  - 24) Install door 224.
  - 25) Install vinyl hose (20), P/N Z00.N4381430577.
  - 26) Install and tighten clamps (14) and (31), P/N Z00.N7141323025.
  - 27) Remove cap, install filling flexible (3) with DOW CORNING 732 silicone.
  - 28) Tighten clamp (2).
- C. RECONDITIONING
- 1) Make sure all the tools and materials are removed and the work area is clean and free from debris.
  - 2) Install baggage compartment bottom door 242.
  - 3) Close baggage compartment door 219.
  - 4) After application of this SB, please return the enclosed [form](#) to SOCATA at the indicated address.

## UPDATING OF THE AIRCRAFT DOCUMENTATION :

Mention, in the aircraft log book, the application of Service Bulletin No. SB 10–128–30 "DRAINING OF AIRFRAME DEICING FILLING HOLE".

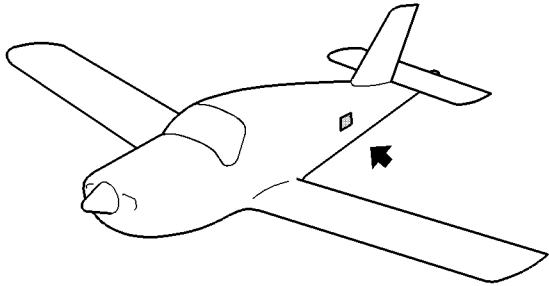
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TB AIRCRAFT

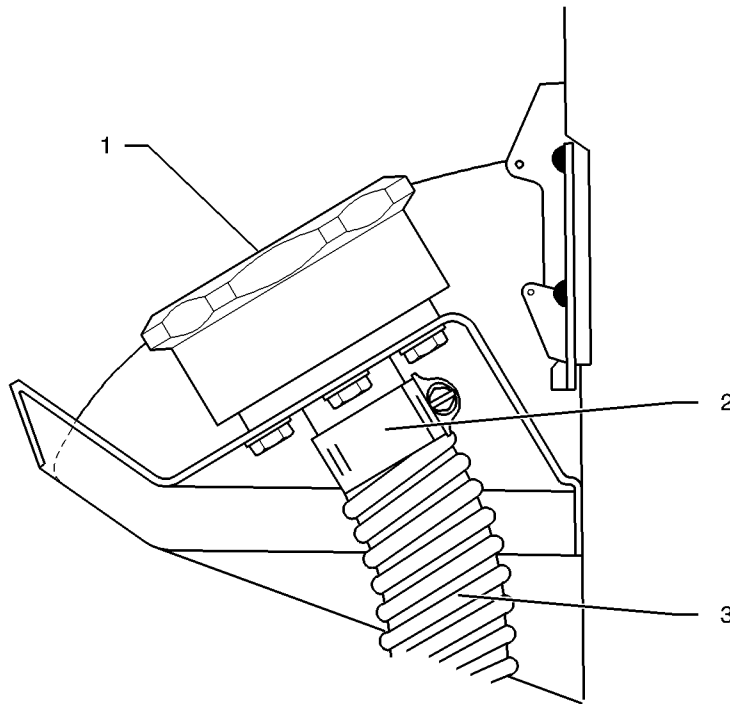
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- 1 – Plug
- 2 – Clamp
- 3 – Filling flexible



14300000AAAKWZ4600

Figure 1 – Filling hole draining – Preparation

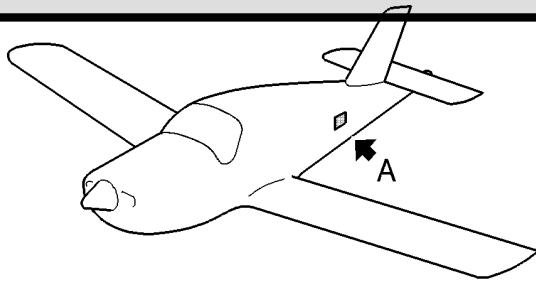
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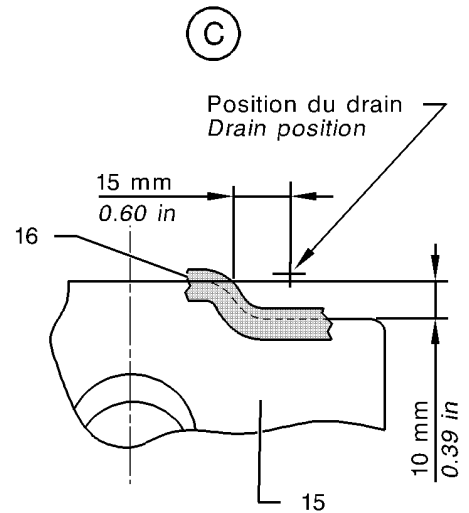
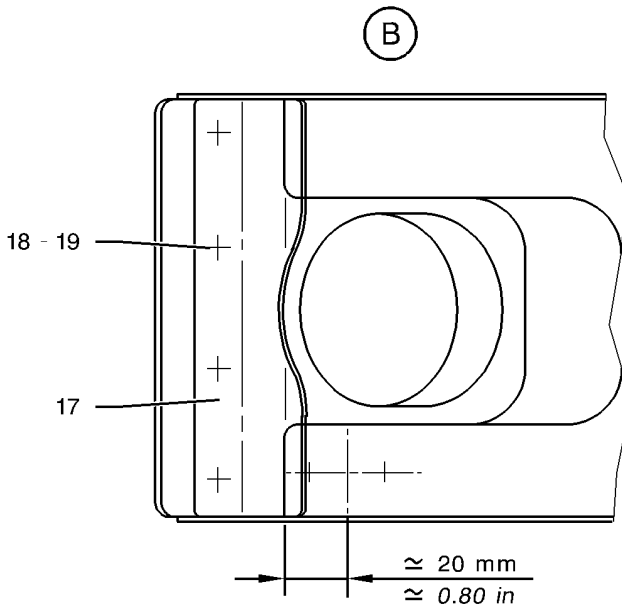
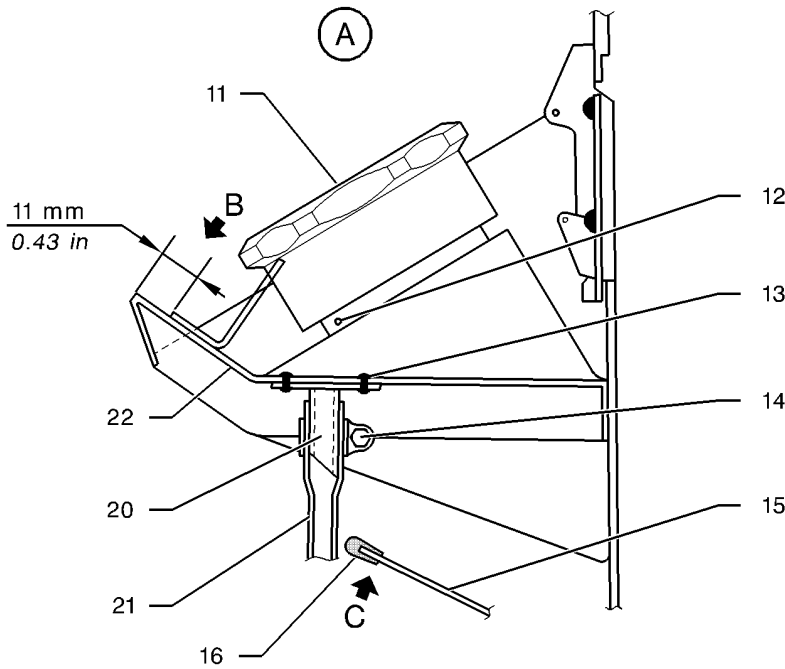
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- 11 – Plug
- 12 – Air vent
- 13 – Rivet
- 14 – Clamp
- 15 – Gutter
- 16 – Happich tape
- 17 – Angle
- 18 – Rivet
- 19 – Rivet washer
- 20 – Vinyl hose
- 21 – Flange end
- 22 – Tube



I430000AAAKWZ14600

Figure 2 – Filling hole draining – Upper part

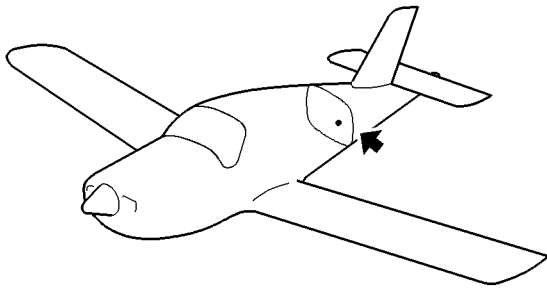
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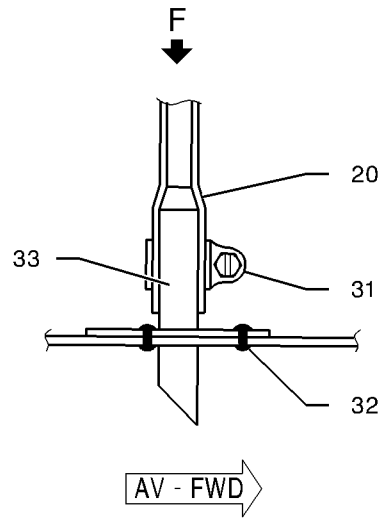
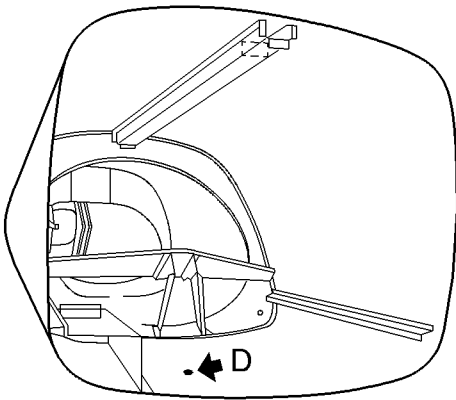
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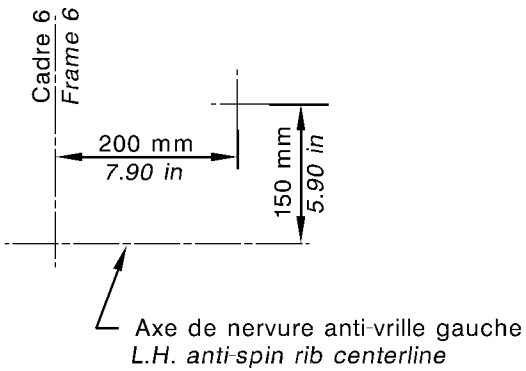
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- 20 – Vinyl hose
- 31 – Clamp
- 32 – Rivet
- 33 – Flange end



(D)



F - F

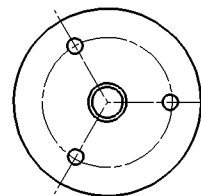


Figure 3 – Filling hole draining – Lower part

14300000AAAKWZ24600



FORM TO BE FILLED AFTER COMPLIANCE WITH SERVICE BULLETIN

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**DRAINING OF AIRFRAME DEICING FILLING HOLE**

I, the undersigned, ..... certify that service bulletin No. SB 10-128-30 has been complied with on airplane.

Inspection

Inspection with replacement of part(s)

1. Airplane

Type : ..... Serial No. : ..... Registered : .....  
Flight hours : ..... Number of landings : .....

2. Owner

Name : ..... Phone : ..... Fax : .....  
Address : .....  
E-mail : .....

3. User (if different from owner)

Name : ..... Phone : ..... Fax : .....  
Address : .....  
E-mail : .....

4. Service center

Name : ..... Phone : ..... Fax : .....  
Address : .....  
E-mail : .....  
Approval No. : .....

5. Remarks

.....  
.....  
.....

DATE : ..... SIGNED :

To be returned to SOCATA at the following address :

Support Client / Customer Support  
**Socata**  
BP 930  
F65009 TARBES CEDEX – FRANCE

Fax : 33 (0)5 62 41 76 54  
Telex : 532 835 F