

ALERT SERVICE BULLETIN



Service Bulletin No.: DA20-79-06A Rev 1

Date Issued: May 2, 2000

Title: Inspection of Oil Tank Cover

Page: 1 of 3

- 1. ATA Code:** 7900
- 2. Effectivity:** All DA20-A1 aircraft which have been retrofitted with Service Bulletin DA20-79-05, Oil Line Retrofit .

3. General: There has been a report of a partial loss of oil pressure due a defective oil tank cover assembly. This Alert Service Bulletin addresses the inspection of potentially affected covers for such defects.

4. Compliance: Compliance with this Alert Service Bulletin is urgently recommended **BEFORE THE NEXT FLIGHT**.

NOTE

Continued operation pending compliance is permissible if oil pressure is within limits with the oil at operating temperature.

5. Approval: Engineering data referenced or contained in this Alert Service Bulletin is approved as part of the type design.

6. Labour: Approximately 0.5 hours will be required to accomplish this Service Bulletin.

7. Special Tools and Materials: Regulated compressed air supply

8. References: DA 201 Aircraft Maintenance Manual
Service Bulletin DA20-79-05 Oil Line Retrofit

9. Accomplishment Instructions:

- 9.1.** Through the oil filler access door visually inspect oil tank cover, if the cover has the words **IN** and **Out** embossed adjacent to the hose fitting connections, this alert service bulletin is **NOT APPLICABLE**. Complete a log book entry stating that "A.S.B DA20-79-06A Rev 1 Inspection of Oil Tank Cover is not applicable".
- 9.2.** If the cover does not have the words **IN** and **OUT** embossed on it, perform the following action. Refer to figure 1.
- 9.3.** Remove the oil tank cover. Cover the oil tank with a suitable temporary cover to avoid contamination.
- 9.4.** Plug outlet fitting (the one connected to the long tube). with a -8 cap or other suitable plug.

**ALERT
SERVICE BULLETIN**



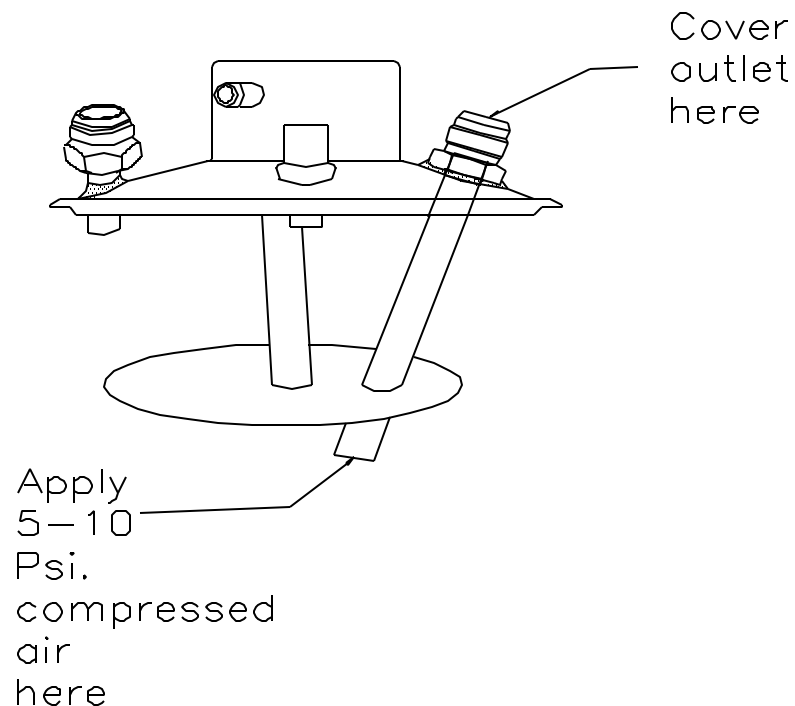
Service Bulletin No.: DA20-79-06A Rev 1

Date Issued: May 2, 2000

Title: Inspection of Oil Tank Cover

Page: 2 of 3

- 9.5. Connect a 5-10 psi. compressed air supply to opposite end of tube.
- 9.6. Submerge cover in water and check for leaks (bubbling). If no leak is noted during the test, the oil cover may be disconnected, cleaned and returned to service.
- 9.7. If a leak is found the cover is defective and will have to be replaced.
- 9.8. Make a log book entry stating that "A.S.B DA20-79-06A Rev 1 Inspection of Oil Tank Cover has been complied with".



**Figure 1
(Oil Tank Lid Testing)**

**ALERT
SERVICE BULLETIN**



Service Bulletin No.: DA20-79-06A Rev 1

Date Issued: May 2, 2000

Title: Inspection of Oil Tank Cover

Page: 3 of 3

10. Weight and Balance: Not applicable

11. Electrical Load Data: Not applicable

12. Credit: Labour Credit: None

Replacement Part Credit: Part credit will be issued upon return of the defective oil tank cover with a completed warranty application.

**If you require any additional information on this Alert Service Bulletin contact
Diamond Aircraft Customer Support
(519) 457-4041**

To obtain satisfactory results, procedures specified in this Service Bulletin must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this Service Bulletin. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this Service Bulletin if it is not incorporated.

If you no longer own the aircraft to which this Service Bulletin applies, please forward it to the current owner and send the name of the current owner to Diamond Aircraft Industries Inc., at the address below.