

SERVICE BULLETIN



Service Bulletin No.: DAC1-71-04 Rev 0

Date Issued: 29 June 2004

Title: Enlarged Cowling Inlets for Hot Weather Operation

Page: 1 of 2

-
- 1. ATA Code:** 7100
- 2. Effectivity:** Diamond Aircraft Industries Model DA20-C1 Aircraft
- 3. General:** The engine cooling air inlets in the upper cowling may be enlarged to reduce engine temperatures for operators who regularly fly at high outside air temperatures. This change is compatible with the Two Stage Winter Kit (SB DAC1-71-03).
- The accomplishment instructions show how to trim the cowling using templates available from Diamond.
- 4. Compliance:** Optional
- 5. Approval:** Engineering data referenced or contained in this service bulletin is approved as part of the type design.
- 6. Labor:** 1 hour
This estimate is for direct labor performed by a technician and it does not include setup, planning, familiarization, cure time, part fabrication or tool acquisition.
- 7. Material:** None
- 8. Special Tools:** Cowling Inlet Templates (Available from Diamond Customer Support)
- 9. References:** DA20-C1 Maintenance Manual (AMM), Document number DA201-C1.
- 10. Accomplishment Instructions:**
- 10.1** Remove upper cowling from aircraft.
 - 10.2** Locate cowling inlet templates in the cowling inlets.
 - 10.3** Trace the trim line on the inside of the inlets using a pencil or felt tip marker.
 - 10.4** Using a grinder or oscillating saw, cut the cowling inlet at the trim line and sand the edge smooth.
 - 10.5** Install upper cowling.
- 11. Weight and Balance:** No change
- 12. Availability:** Contact Diamond Aircraft Parts Department

SERVICE BULLETIN



Service Bulletin No.: DAC1-71-04 Rev 0

Date Issued: 29 June 2004

Title: Enlarged Cowling Inlets for Hot Weather Operation

Page: 2 of 2

13. Credit Terms and Conditions

Labour Credit: None

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.

Diamond Aircraft Industries Inc. 1560 Crumlin Road, London, Ontario, Canada N5V 1S2
Phone: (519) 457-4041 Fax: (519) 457-4060

COPYRIGHT 2004