

SERVICE BULLETIN NO.: DA20-31-01, Rev. 0**DATE ISSUED:** March 9, 1996**TITLE:** Temperature Limitation**PAGE:** 1 OF 2

2. **ATA CODE:** 3110
3. **EFFECTIVITY:** All DA-20 Katanas
4. **GENERAL:**

This Bulletin describes retrofit and use of a structural temperature indicator. Effectively, this results in increasing the existing upper temperature limitation from a maximum of 38 ° C (100.4 ° F) outside air temperature, to a maximum of 55 ° C (131°F) structural temperature.

Function of Temperature Indicator

The temperature indicator is a temperature sensitive self adhesive label which indicates temperature by changing colour at a specific temperature. The temperature indicator, RTP-55 from Thermindex, appears red at temperatures below 55 °C (131 °F). If the temperature exceeds 55 °C (131 °F), the label's background colour changes to black with a red "55" (°C) displayed.

5. **COMPLIANCE:** Optional
6. **APPROVAL:**

Engineering data referenced or contained in this bulletin is Transport Canada approved.
7. **LABOR REQUIRED:** 1 hour
8. **MATERIAL:** Part Number, Thermindex RTP-55 (included with Bulletin)
9. **SPECIAL TOOLS:** none
10. **REFERENCES:**

Maintenance Manual DA 20 Katana
Flight Manual DA 20 Katana, Revision 5

SERVICE BULLETIN NO.: DA20-31-01, Rev. 0**DATE ISSUED:** March 9, 1996**TITLE:** Temperature Limitation**PAGE:** 2 OF 2**11. ACCOMPLISHMENT INSTRUCTIONS**

- 11.1 Remove seat cushions.
- 11.2 Remove left seat pan (Ref. Maintenance Manual Ch. 25-10).
- 11.3 On remaining seat, mark location for 25 mm diameter hole in seat backrest near centerline of aircraft approximately 60 mm from the corner of the spar bridge (ref. figure 1).
- 11.4 Remove right seat pan.
- 11.5 Cut out semi-circular hole in right seat pan.
- 11.6 Repeat operations 11.3 through 11.5 for left seat pan.
- 11.7 Install temperature sensitive self adhesive label directly on spar bridge.
- 11.8 Reinstall seat pans and cushions.

12. WEIGHT AND BALANCE: Negligible**13. ELECTRICAL LOAD DATA:** none**14. CREDIT:** Parts supplied at no charge.

To obtain satisfactory results, procedures specified in this service information letter 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 information letter.

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