

# SERVICE BULLETIN



**Diamond**  
AIRCRAFT

Service Bulletin No.: DA20-27-02, Rev. 0

Date Issued: Sep. 03, 1996

Title: Trim Display Modification.

Page: 1 of 2

1. ATA Code: 2730

## Planning Information:

2. Effectivity: All DA Katana's up to Serial Number 10200.

3. General: The existing Trim Indicator flickers when the VHF Transceivers are transmitting. This usually occurs in the higher end of the frequency range. The installation of this Service Bulletin will eliminate this occurrence.

4. Compliance: Incorporation of this Service Bulletin may be accomplished at the operators discretion.

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

6. Labor: Approximately 1 Man-hour will be required to accomplish this modification.

7. Material:	Description:	Part Number:	Qty.
	Capacitor, C2	CW15C332K .0033uF+/-10%	1

8. Kit cost: Contact Diamond Aircraft for price and availability.

9. Special Tools: Soldering Iron.

10. References: DA 20 Katana Maintenance Manual.

## 11. Accomplishment Instructions:

### 11.1 Fixed Provisions Installation

11.1.1 Ensure Electrical Power is disabled from the Trim Circuit (Open Circuit Breaker).

11.1.2 Remove the Instrument Panel Cover.

11.1.3 Solder the Capacitor (C2) to the back of Trim Display as shown in Figure 1. It is important that the leads of the Capacitor are kept as short as possible. Make sure that the solder used is a resin core type.

11.1.4 Close the Trim Circuit Breaker.

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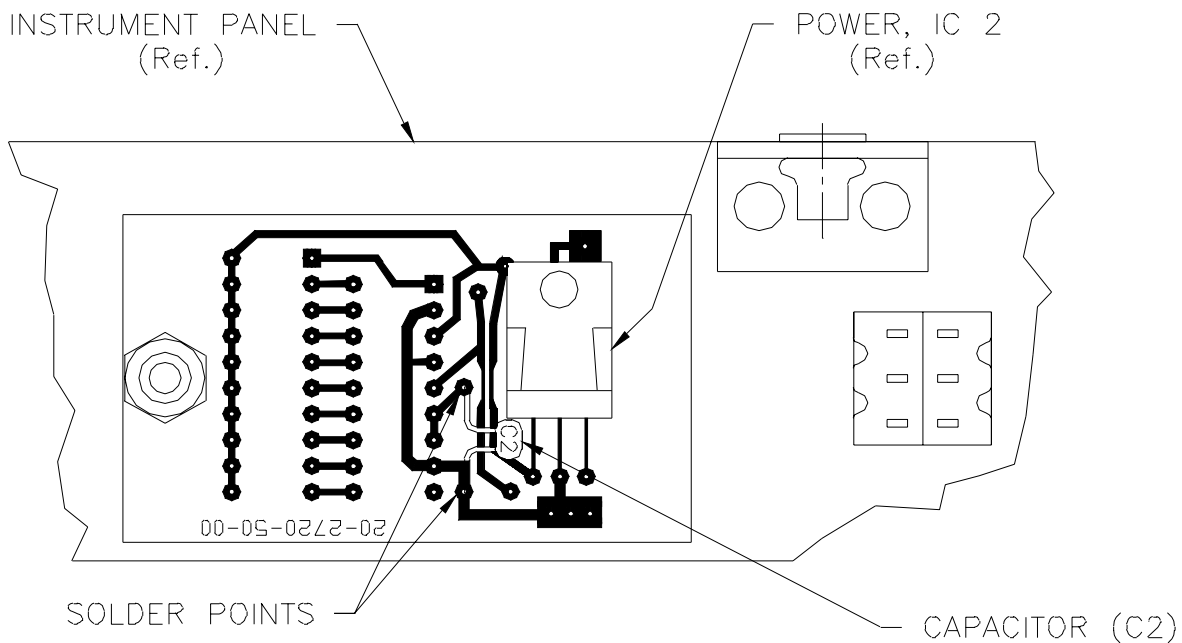
- 11.1.5 Check and adjust Trim Display in accordance with the DA20-A1 Maintenance Manual.
- 11.1.6 Close the Instrument Panel Cover.
- 11.1.7 Test the Trim Display for interference from the transmitters.  
Use several frequencies between 118 to 136 MHz.

12. Weight and Balance: Not Applicable.

13. Electrical Load Data: Not Affected.

14. Credit: A labor allowance of 1 hour will be issued upon receipt of a completed warranty application form.

FIGURE 1.



BOARD VIEWED FROM SOLDER SIDE

*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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