

SERVICE BULLETIN



Service Bulletin No.: DAC1-92-07, Rev 1

Date Issued: 09 August 2012

Title: Operation Limit Changes for EASA
Member Countries

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1. **ATA Code:** 9200
2. **Effectivity:** All DA20-C1 aircraft.
3. **General:** This Service Bulletin (SB) describes modifications required for the aircraft to operate in Night VFR conditions and to permit Spinning in EASA member countries.
4. **Compliance:** Required prior to operation in Night VFR conditions and/or Spinning in EASA member countries. Otherwise it is Optional.
5. **Approval:** Engineering data referenced or contained in this SB is approved as part of the type design.
6. **Labour:** Approximately 0.5 hour will be required to accomplish this SB.

This estimate is for direct labour performed by a technician and it does not include setup, planning, familiarization, cure time, part fabrication or tool acquisition.

7. Material:	Part Number	Description	Qty
	22-1131-00-07	Placard (G500 Configuration)	1
	OR		
	22-3911-00-42	Placard (Non G500 Configuration)	1

8. **Special Tools:** No special tools are required
9. **References:** DA20-C1 Aircraft Maintenance Manual, Document Number DA201-C1.
DA20-C1 Airplane Flight Manual (AFM), Document Number DA202-C1.

10. Accomplishment Instructions:

For Night VFR operations and Spinning:

- 10.1 Replace the VLA flight limitations placards as shown in Figures 1 and 2.
- 10.2 Incorporate Revision 26 or later TCCA Approved Revision into the AFM.
- 10.3 On aircraft equipped with the Garmin G500, Backup Artificial Horizon Indicator must be installed. Refer to SB DAC1-34-02, latest approved revision.
- 10.4 On aircraft S/N C0001 thru S/N C0586, illuminated placard must be installed. Refer to SB DAC1-92-08, latest approved revision.

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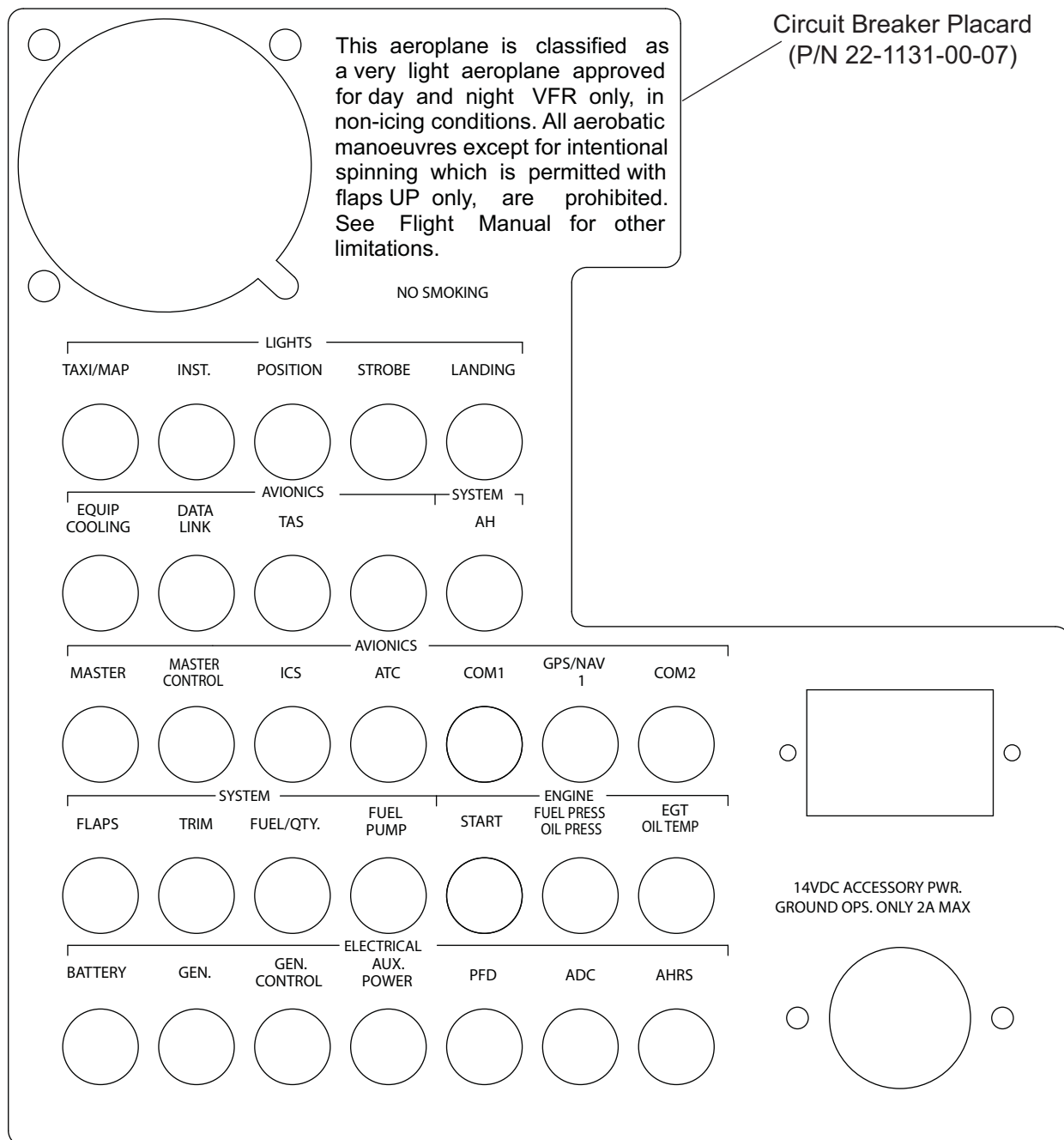


Figure 1 - For Aircraft with the Garmin G500 System Installed

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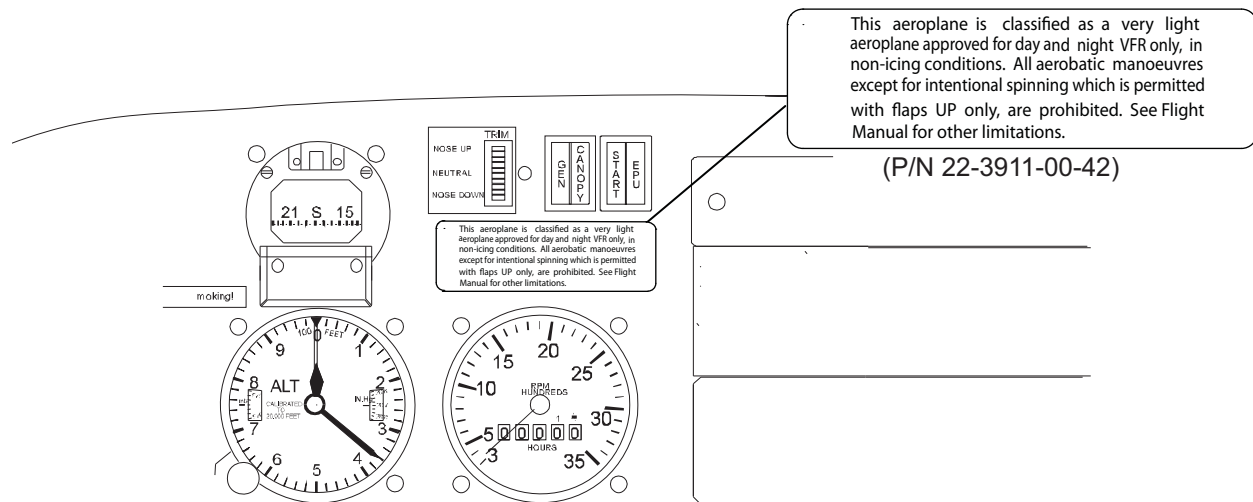


Figure 2 - For Non-Garmin G500 System Equipped Aircraft

10.5 Make sure that the aircraft is equipped with the proper equipment required for Night VFR operation. The required equipment is identified in Chapter 2 of the AFM. The items that may not be standard on the aircraft include:

- illuminated placards and
- a standby attitude indicator (when Garmin G500 system is installed).

NOTE: Additional equipment may be required for compliance with specific operational or national requirements. It is the operators' responsibility to ensure compliance with any such equipment requirements.

For Spinning only:

10.6 Replace VLA flight limitations placard as shown in Figure 2 for Non-Garmin G500 system airplanes or as shown in Figure 3 for Garmin G500 system configurations without an artificial horizon indicator.

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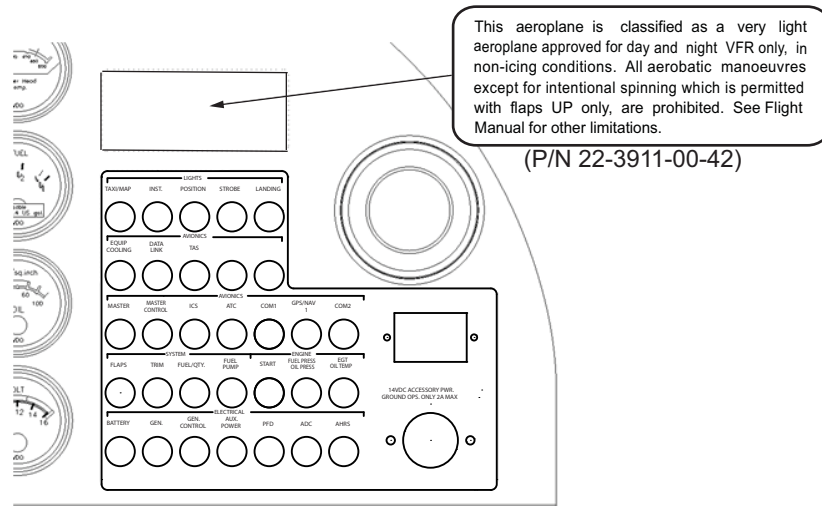


Figure 3 - For Aircraft with Garmin G500 System Installed

- 11. Weight and Balance:** The incorporation of these placards has a negligible effect on the weight and balance of the aircraft.
- 12. Availability:** Contact Diamond Aircraft Industries Inc.
- 13. Electrical Load Data:** None.
- 14. 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.

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