

# Service Bulletin

## 1 Subject:

GA8 Engine Limitations.

## 2 Applicability:

This Service Bulletin is applicable to the aircraft matching the configuration detailed in Table 1.

**Table 1: Applicability**

MODEL	FLIGHT MANUAL	PROPELLER	GROSS WEIGHT	SERIAL NUMBER(s)
GA8	C01-01-01 C01-01-03	2-Bladed Hartzell HC-C2YR- 1BF / F8475R	4,200 lb per SB-GA8-2011-66	GA8-01-006, GA8-01-007, GA8-02-012, GA8-02-014, GA8-02-017, GA8-02-022, GA8-02-023, GA8-03-029, GA8-03-032, GA8-03-034, GA8-03-035, GA8-03-039, GA8-03-040, GA8-04-044, GA8-04-045, GA8-04-047, GA8-04-048, GA8-04-053, GA8-04-055, GA8-04-057, GA8-04-063, GA8-04-065, GA8-04-067, GA8-04-071, GA8-05-073, GA8-05-078, GA8-05-079, GA8-05-083, GA8-05-086, GA8-05-089, GA8-05-090, GA8-05-091, GA8-05-092, GA8-05-096, GA8-06-097, GA8-06-098, GA8-06-100, GA8-06-102, GA8-06-104, GA8-06-105, GA8-06-107, GA8-06-108, GA8-07-109, GA8-07-111, GA8-07-113, GA8-07-114, GA8-07-116, GA8-07-117, GA8-07-118, GA8-07-119, GA8-07-123, GA8-07-124, GA8-07-125, GA8-07-127, GA8-08-129, GA8-08-132, GA8-08-133, GA8-08-136, GA8-08-138, GA8-08-139, GA8-08-141, GA8-08-142, GA8-08-143, GA8-11-147, GA8-TC 320-09-145*, GA8-09-148, GA8-TC 320-10-154*, GA8-TC 320-10-155*, GA8-11-160, GA8-TC 320-11-164*, GA8-11-170, GA8-12-171, GA8-12-176, GA8-12-179, GA8-12-180, GA8-12-184, GA8-13-190, GA8-13-193, GA8-13-194, GA8-13-195, GA8-13-196, GA8-14-202, GA8-14-203, GA8-14-204, GA8-14-206, GA8-15-208, GA8-15-210, GA8-15-211, GA8-15-212, GA8-15-216, GA8-15-217, GA8-15-219, GA8-15-220, GA8-15-221, GA8-15-222, GA8-15-223, GA8-16-225, GA8-16-226, GA8-16-231, GA8-16-233, GA8-16-235, GA8-16-236, GA8-16-237, GA8-17-244, GA8-18-248.

\* While converted to normally aspirated GA8 model.

## 3 Amendments:

Issue 1: Initial Issue (GAE11-2822).

## 4 Background:

A documentation review of Service Bulletin SB-GA8-2011-66 has identified a discrepancy in performance data for the affected aircraft: Take-off charts may require engine RPM which exceeds the engine limitations provided in Section 2 of the applicable Flight Manual.

This Service Bulletin provides approved data to correct the issue for affected aircraft.

## 5 Compliance:

This Mandatory Service Bulletin is to be carried out within 100 hours or six months of the date of receipt, whichever is sooner.

## **6 Weight and Balance:**

This Service Bulletin has no effect on empty weight and empty weight centre of gravity.

## **7 Electrical Load Analysis:**

This Service Bulletin has no effect on the aircraft's Electrical Load Analysis.

## **8 Approval:**

The airframe and/or electrical system modification/repair described in this Service Bulletin has been approved pursuant to Australian Civil Aviation Safety Regulation 21.098 (1998). GippsAero Reference GAE11#2822.

## **9 Parts:**

No parts are associated with this Service Bulletin. Refer to Service Bulletin SB-GA8-2011-66 Issue 61 (or later approved issue) for details of parts required.

## **10 Parts Availability:**

New parts can be obtained directly from GippsAero.

Tel: +61 (0)3 5172 1200

Fax: +61 (0)3 5172 1201

Email: [PARTS@gippsaero.com.au](mailto:PARTS@gippsaero.com.au)

## **11 Labour:**

Approximately 8 man-hours should be allocated for completing the work detailed in this Service Bulletin. This time does not include set up etc.

## **12 Warranty:**

Aircraft covered by warranty may claim the direct cost of incorporating the requirements of this Service Bulletin by contacting GippsAero Customer Service:

Tel: +61 (0)3 5172 1200

Fax: +61 (0)3 5172 1201

Email: [Support@gippsaero.com.au](mailto:Support@gippsaero.com.au)

### **13 Accomplishment Instructions:**

1. Do Section A.2.5 of SB-GA8-2011-66 Issue 61 (or later approved issue).

### **14 Documentation:**

Aircraft incorporating SB-GA8-2011-66 Part A only: Update the aircraft documentation in accordance with Section A.3 of SB-GA8-2011-66 Issue 61 (or later approved issue).

Aircraft incorporating SB-GA8-2011-66 Part B: Update the aircraft documentation in accordance with Section B.2 of SB-GA8-2011-66 Issue 61 (or later approved issue).

### **15 Continuing Airworthiness:**

There are no new Instructions for Continued Airworthiness associated with this Service Bulletin.

### **16 Compliance Notice:**

Complete the Document Compliance Notice and return to GippsAero by mail, fax or email.

## DOCUMENT COMPLIANCE NOTICE



Document:

**SB-GA8-2024-218**

**Issue 1**

Aircraft Serial Number: GA8-\_\_\_\_\_

Service Bulletin SB-GA8-2024-218, Issue 1 has been incorporated in the above aircraft.

Date of Incorporation: \_\_\_\_\_

\_\_\_\_\_  
Signed

Print Name: \_\_\_\_\_

Please post, fax or email this compliance notice to:

GippsAero Technical Services  
P.O. Box 881  
Morwell Victoria 3840  
Australia  
Fax.: +61 03 5172 1201  
Email: [TECHPUBS@gippsaero.com.au](mailto:TECHPUBS@gippsaero.com.au)