



A Mahindra Aerospace Company

# SB-GA8-2008-46

## Issue 2

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OPTIONAL

# Service Bulletin

## Subject:

Replacement of Dukes 4140 series fuel pump with Weldon 18000-A (460G00003)

## Applicability:

GA8 serial numbers GA8-00-004 through GA8-06-107 having not incorporated Service Bulletin GA8-2005-30.

## Amendments:

Issue 1: Initial issue

Issue 2: Incorporation of GippsAero internal part number assigned to the Weldon Pump

## Background:

This service bulletin provides operators the option of upgrading the Dukes 4140 series pump with the Weldon 18000-A (460G00003) pump.

The Weldon 18000-A (460G00003) pump is identical in fit to that of the Dukes 4140 series pump, and can hence be a direct replacement.

## Compliance:

This Service Bulletin may be incorporated at the owner's discretion.

## Weight and Balance:

The net increase resulting from the upgrade of the Dukes 4140 series pump with the Weldon 18000-A pump is 0.239kg (0.527lb) at an arm of 970mm (28in) aft of datum (aft face of firewall).

## Approval:

The technical aspects of this Service Bulletin have been approved under a CASA Authorisation.

## Parts

Item	Part Number	Description	Qty
1	18000-A (460G00003)	WELDON PUMP	1

## **Parts Availability:**

New parts can be obtained directly from GippsAero.

Tel: +61 03 5172 1200

Fax: +61 03 5172 1201

Email: spares@gippsaero.com

## **Labour:**

Approximately 2.5 hours should be allocated for completing the work detailed in this Service Bulletin.

## **Warranty**

Not applicable – Optional Installation

## **Installation:**

Refer to Service Manual 28-20-00 for direct replacement instructions with the exception of wiring (new plugs and terminals) as below:

1. Connect the positive lead plug to the white wire with orange stripe using items P/N 1-480350.0 PLUG & 163305-2 SINGLE TAB PIN.
2. Connect the negative lead plug to the white wire with black stripe using ring terminal P/N RT1.25-4.

## **Documentation:**

Update aircraft log book to reflect incorporation of this Service Bulletin.

## **Continued Airworthiness**

No additional instructions for continued airworthiness. Regular maintenance is to be carried out as per applicable aircraft Service Manual.

## **Compliance Notice:**

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

SB-GA8-2008-46	Issue 2	Date of Issue: 19.11.2013	Page 2 of 2
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## DOCUMENT COMPLIANCE NOTICE



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Document:

**SB-GA8-2008-46**

**Issue 2**

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

Service Bulletin SB-GA8-2008-46 Issue 2 has been incorporated in the above aircraft including an update of the ELA.

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

\_\_\_\_\_  
Signed

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

Please post, fax or email this compliance notice to:

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