

SERVICE NEWS

FUJI HEAVY INDUSTRIES LTD.

HEAD OFFICE ; SUBARU BLDG.
SHINJUKU, TOKYO, JAPAN

~~JGAB APPROVED~~

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REASON

Installation Procedure of FA-200-160 and -180 Check Valves

Safety Information was issued on October 29, 2013 by Japan Transport Safety Board (JTSB) in Ministry of Land, Infrastructure, Transport and Tourism (MLIT), regarding the investigation of the emergency landing incident of FA-200-160, which occurred on September 23, 2013. This Service News provides information concerning the improper installation of check valve in the fuel system of FA-200-160 found in the investigation.

The instructions to install check valve are shown in Note in the service manual. Please check the Note carefully.

If the installation is incorrect, please correct it in accordance with the manual. In addition, please inform FHI (Fuji Heavy Industries) (*1).

(*1) : Akio Nakada

Repair Manufacturing Engineering Sec., Manufacturing
Engineering Dept., Aerospace Company, FHI
e-mail : nakada.akio@subaru-fhi.co.jp

- Summary of Service Information (See web pages (*2) of JTSB in MLIT.)

The check valve in the sump tank (located between the wing fuel tank and the sump tank) was installed in a wrong way. The engraved markings, "HINGE," of the valve must face upwards when installed. However, in this incident, it faced sideways 90 to 120 degrees from the top side.

(*2): www.mlit.go.jp/jtsb/iken-teikyo/JA349220131029.pdf

- Reference Service Manual

Chapter 6-5-2 (Page 6-14) shows the following note.

CAUTION

In case of airplane up to #100, install the check valve for the fuel inlet with the side marked "HINGE" up

The subject check valve has a swing type valve inside and is designed to allow the "HINGE" markings to face upwards.

Please note that this letter provides information that Safety Information announced about an issue found in the investigation, which is still under way to determine if it is a contributing factor to the incident.