

# Advisory Wire

<b>REFERENCE NO:</b>	AW300-30-0400	<b>INFORMATION TYPE:</b>	Maintenance
<b>ATA:</b>	30-21	<b>EFFECTIVITY:</b>	Challenger 300 Challenger 350
<b>SUBJECT:</b>	<b>Thermal Anti-Ice Valve (TAIV)</b>		

## 1. REFERENCES:

1.1 Honeywell Service Information Letter (SIL) D202208002772 - AS907 Engine Thermal Anti-Ice Valve (TAIV) PN WBG3020G103-003 (attached).

## 2. INTRODUCTION:

This Advisory Wire (AW) is to inform operators that Honeywell has issued a Service Information Letter (SIL) (Ref. 1.1) to provide troubleshooting guidelines and to gather data on the TAIV removals.

## 3. DESCRIPTION:

Due to the low reliability of the previous TAIV P/N WBA3020G103-005, Bombardier, Honeywell and the new TAIV manufacturer ASC, have worked cooperatively to launch a new redesigned TAIV P/N WBG3020G103-003. As part of the qualification, the new TAIV was introduced on ten high-flying aircraft, accumulating more than 6,000 flight-hours. It was then made available to the rest of the fleet.

Bombardier and Honeywell are currently investigating some early removals of the new TAIV. Testing of some of the removed TAIVs was unable to confirm the reason for removal and the units functioned as designed.

Therefore, to heighten awareness of the issue to the fleet, reduce unnecessary TAIV removals and to gather additional data for the investigation, this AW is being published along with the attached Honeywell SIL (Ref. 1.1). The SIL requests operators to immediately contact Honeywell and Bombardier to assist in the troubleshooting of the TAIV/pressure switch events.

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4. ACTION:

Bombardier recommends operators to familiarize themselves with the content of this AW and the Honeywell SIL (Ref. 1.1) to ensure that Bombardier and Honeywell are involved at the earliest troubleshooting stage possible.

Should you have any questions pertaining to this AW or require additional information, please contact your Bombardier Field Service Representative (FSR) or the Customer Response Center (CRC 24/7) team.