Customer Services

Advisory Wire

REFERENCE NO:	AW300-78-0425	EFFECTIVITY: Challenger 300 Challenger 350

ATA: 78-30

SUBJECT: **Isolation Control Unit (ICU) replacement**

1. REFERENCE:

    1.1. Honeywell Service Bulletin 78-30-012

2. INTRODUCTION:

    The pressure switch of the Thrust Reverser (TR) Isolation Control Unit (ICU) assembly was affected by an incorrect manufacturing process on a specific population of ICU Serial Numbers (SNs). This can result in a decrease in the operational life of the ICU assembly.

3. DESCRIPTION:

    Recommended Service bulletin 78-30-012 (ref 1.1) published by Honeywell (HW) provides the instructions to remove and replace the affected TR ICU assemblies. There are two (2) ICU's per aircraft but both TR ICUs on a given aircraft may not be affected.

4. ACTION:

    Bombardier recommends to follow the HW SB instructions (Ref 1.1) and replace the ICU assembly, PN P518A0001-00, if listed in SB (Ref 1.1) before 1716 aircraft flight cycles. For aircraft with TR ICUs that are already over the 1716 flight cycles threshold, the affected ICUs should be replaced at the first scheduled maintenance opportunity or no later than the next 50 aircraft flight cycles.

    Before proceeding with ICU replacement, check the SN of the exchange ICU received from Honeywell. If the SN is listed in SB (Ref 1.1), please confirm that the exchange ICU has the suffix "A" marked after the TR ICU serial number. Replacement ICU, PN P518A0001-00, will be supplied by Honeywell on an exchange basis.

    NOTE I: If the unit from Honeywell is on the affected list and does not have the "Suffix A" return the unit for a replacement.
    NOTE II: Replacement ICU's will be supplied by Honeywell. Operators complying with SB (ref 1.1) after December 31, 2026, will be required to pay an exchange fee for the ICU and cover the cost of labor to remove and replace the ICU.

    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

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