

# ADVISORY WIRE

REFERENCE NO:	AW300-23-0230	INFORMATION TYPE:	Maintenance
ATA:	23-71	EFFECTIVITY:	Challenger 300 (20292 to 20500) Challenger 350 (20501 to 20999)
SUBJECT:	RIPS Status Fault Message		

## 1. REFERENCES:

- 1.1. Service Bulletin 100-23-20 Modification – Voice Recorder System – Introduction of the Recorder Independent Power Supply (RIPS) (C23-511)
- 1.2. Service Bulletin 350-23-009 Modification – Voice Recorder System – Introduction of the Recorder Independent Power Supply (RIPS) (C23-511)

## 2. INTRODUCTION:

This Advisory Wire (AW) is to inform Operators that a nuisance fault message could appear in the Maintenance Diagnostic Computer (MDC) on aircraft equipped with Recorder Independent Power Supply (RIPS).

## 3. DESCRIPTION:

Aircraft equipped with RIPS Type II P/N 100-2010-100 post incorporation of REF. 1.1 or 1.2 Service Bulletin (SB) may have a “RIPS STATUS FAULT” nuisance message posted on the MDC when a CVR P/N 2100-1025-22 is installed. This MDC fault is triggered due to a RIPS internal wiring issue that monitors a non-reportable parameter. There is no flight deck effect visible to the flight crew related to this issue.

This issue only affects aircraft post Ref. 1.1 or 1.2 SB (aircraft 20292 and subsequent) and was resolved through the introduction of RIPS Mod.1. This Mod. fixes the internal wiring in order to avoid the nuisance MDC message. The modification status can be seen on the identification plate on the back of the RIPS.

## 4. ACTION:

There is no action for Operators to take at this time. In order to avoid unnecessary troubleshooting, Operators should be aware that the CVR P/N 2100-1025-22 installed with the RIPS unit P/N 100-2010-100 without Mod.1 will trigger the nuisance fault message “RIPS STATUS FAULT” on the MDC. This nuisance fault issue will be resolved upon installation of P/N 100-2010-100 Mod.1 RIPS.