

Advisory Wire

REFERENCE NO:	AW300-45-0033 Rev.6	INFORMATION TYPE:	Maintenance
ATA:	45-00	EFFECTIVITY:	Challenger 300 (20003 – 20500) Challenger 350 (20501 – 20999)
SUBJECT:	Maintenance Diagnostic Tables MDT-3110 for MDC-4110		

1. REFERENCES:

- 1.1. Aircraft Illustrated Parts Catalog (AIPC) 45-45-01 – [Challenger 300](#) / [Challenger 350](#)
- 1.2. [Rockwell Collins SIL1-04, Rev 55 MDT 3110 - Field Loadable Software Installation MDT Maintenance Diagnostic Tables](#)
- 1.3. Aircraft Maintenance Manual (AMM) Task 45-45-01-970-803 – [Challenger 300](#) / [Challenger 350](#)

2. INTRODUCTION:

The revision to this Advisory Wire (AW) is to inform Operators about the release and publication of the ref. 1.1 and ref. 1.2 introducing the new MDT P/N 810-0042-273 for Challenger 350 aircraft.

3. DESCRIPTION:

The Maintenance Diagnostic Tables (MDT) are Collins Aerospace proprietary software that consist of aircraft maintenance data tables that must be loaded in the Maintenance Diagnostics Computer (MDC) to configure the MDC-4110 for the Challenger 300/350. Below are the latest tables that are available by part number.

- [810-0042-134](#): For aircraft without the Integrated Flight Information System (Non-IFIS) (20003 to 20124 pre SB100-46-06) & (20125 to 20181 pre SB100-46-02)
- [810-0042-137](#): For aircraft with the Integrated Flight Information System (IFIS) (20003 to 20124 post SB100-46-06) & (20125 to 20181 post SB100-46-02) & (20182 to 20407)
- [810-0042-139](#): For aircraft with the Localizer Performance with Vertical Guidance (LPV) option STC (20003 to 20407 post STC ST01611WI-D)
- [810-0042-272](#): For Challenger 300 aircraft with the Avionic Proline 21 Advanced Upgrade (20003 to 20407 post SB100-34-36) & (20408 to 20500)
- [810-0042-273](#): For Challenger 350 aircraft (20501 to 20999)

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This new MDT P/N 810-0042-273 incorporate the new maintenance messages related to the Uncontrolled High Thrust (UHT) detection that was introduced on aircraft 20759 and subs. This MDT is fully compatible with all Challenger 350 even if not equipped with the UHT detection capabilities.

UHT LH ENGINE messages

B3-678987 – UHT RELAY FAULT 1A

B3-679255 – UHT RELAY FAULT 1B

B3-679110 – UHT SHUTDOWN COMMAND 1A

B3-679111 – UHT SHUTDOWN COMMAND 1B

B3-679115 – VIB NOTICE EXCEEDANCE

UHT RH ENGINE messages

B3-679089 – UHT RELAY FAULT 1A

B3-679256 – UHT RELAY FAULT 1B

B3-679112 – UHT SHUTDOWN COMMAND 1A

B3-679113 – UHT SHUTDOWN COMMAND 1B

B3-679114 – VIB NOTICE EXCEEDANCE

4. ACTION:

Operators should be aware of the availability of the new MDT listed in the ref. 1.1 and ref 1.2 in order to obtain the latest updates. Incorporate the table at your earliest convenience.

Operators can obtain the new MDT via the method described in the ref. 1.2 SIL, from the Collins Aerospace website at <https://portal.rockwellcollins.com/> or directly from the [Bombardier Customer Portal Library](#). The MDT must be loaded by an authorized technician as per the AMM task ref. 1.3.