



TECHNICAL INFORMATION LETTER

TIL N° T-139-22-009

DATE: October 4, 2022

REV.: /

To: Leonardo Helicopters products
AW139 Owners / Operators / Service Centres

SUBJECT: Weather Radar Primus 660/701 discontinuation

Helicopters Affected: AW139 Helicopters equipped with kit P/N 4G3441F00111 or
3G3441F00112 or 4G3360F01311 or 4G3360F02111

Dear Customer,

with the present letter Leonardo Helicopters (LH) wishes to inform its Community concerning Honeywell (HW) announcement of Weather Radar (WXR) Primus 660 and 701 discontinuation.

Primus 660/701 WXR systems are declared discontinued due to multiple constraints and natural evolution of the avionics technologies in aviation. The new generation WXR system that will replace the discontinued configurations is the IntuVue RDR-7000:

- HW will provide continued support and repair of the Primus WXR up to the end of June 2023, but these configurations are becoming more expensive to maintain and repair costs are expected to increase.
- RDR-7000 provides several additional features in terms of weather detection and avoidance, ground mapping and light-search missions (including, depending on the installation configuration, 3-D buffer of weather data built through automatic scanning and database data, no manual adjusting of tilt necessary).
- Compatibility of RDR-7000 with all Epic® SW Phases has been already confirmed and the certification of the new RDR-7000 kit for new built AW139 aircrafts has been recently achieved.

Leonardo Helicopters (LH) is currently working on the following areas:

- Retrofit drawings and relevant certification for the introduction of the new RDR-7000 on the in-service helicopters: planned to be completed within last quarter of 2022.
-

Weather Radar Primus 660/701 discontinuation

- Development of dedicated technical instructions for the retrofit of the in-service fleet from Primus WXR (660 and 701 configurations) to IntuVue RDR-7000: planned to be released during the first half of 2023.
- A dedicated commercial policy is under development and will be published in conjunction with the mentioned Technical Instructions aimed to support the upgrade of AW139 in service fleet.

Should you need any additional information, please do not hesitate to refer to LH Engineering Support team (engineering.support.lhd@leonardo.com).

Yours Sincerely,



Gabriele Bordino
Head of Product Support Engineering