



## SERVICE INFORMATION LETTER

SIL N° S-139-23-001

DATE: January 26, 2023

REV.: /

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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

References:

[1] T-139-22-009 – “Weather Radar Primus 660/701 discontinuation”

Dear Customer,

With the present letter, Leonardo Helicopters (LH) would like to provide an update regarding the announcement made by Honeywell (HW) on Weather Radar (WXR) Primus 660 and 701 discontinuation and the introduction of the new IntuVue RDR-7000 on the in-service helicopters, in addition to those already provided with the letter at Reference [1].

**Technical Part**

- **Retrofit from Primus 660 to RDR-7000:** drawings have been completed and technical instructions for in-service fleet will be released via SB139-739, planned to be distributed during the first half of 2023.
- **Retrofit from Primus 701 to RDR-7000:** drawings are planned to be completed within January 2023 and technical instructions for in-service fleet will be released via SB139-740, planned to be distributed during the first half of 2023.

**Commercial Part**

A dedicated commercial policy has been developed with the goal to support the upgrade of AW139 in service fleet. Commercial policy is addressing multiple possible solutions depending on current WXR configuration and Customers preferred approach on the retrofit. Detailed information on applicability and features are reported in Annex A.

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## Weather Radar Primus 660/701 discontinuation

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Should you need any additional information, please do not hesitate to refer to LH Engineering Support team ([engineering.support.lhd@leonardo.com](mailto:engineering.support.lhd@leonardo.com)) for the technical part and your Customer Support Manager for the commercial policy.

Yours Sincerely,



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Francesco Bellardi  
VP Customer Support & Services

**ANNEX A  
Commercial Policy applicability and features**

<b>Applicability scheme</b>				
	<b>AW139 (SN) equipped with P-660</b>	<b>AW139 (LN-EN-EP) equipped with P-660</b>	<b>AW139 (SN) equipped with P-701</b>	<b>AW139 (LN-EN-EP) equipped with P-701</b>
<b>RDR-7000 P-660 Clone Mode</b>	<b>SB139-739</b> (no Delta Option File)	<b>SB139-739</b> (no Delta Option File)	N/A	N/A
<b>RDR-7000 Vertical Buffer</b>	<b>Upon Customer request</b> (no Delta Option File)	<b>Upon Customer request</b> (no Delta Option File)	N/A	N/A
<b>RDR-7000 Vertical Buffer + Maritime config.</b>	<b>Upon Customer request</b> (Delta Option File needed)	<b>Upon Customer request</b> (Delta Option File needed)	<b>SB139-740</b> (no Delta Option File)	<b>SB139-740</b> (no Delta Option File)

<b>Options/features applicability scheme</b>					
	<b>Predictive HAIL Enable</b>	<b>Predictive Lightning Enable</b>	<b>Extended Range Turbulence (60nm)</b>	<b>RBM Target Overlay Oil &amp; Gas</b>	<b>Search &amp; Rescue Target Overlay</b>
<b>RDR-7000 P-660 Clone Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>RDR-7000 Vertical Buffer</b>	Yes	Yes	Yes	N/A	N/A
<b>RDR-7000 Vertical Buffer + Maritime config.</b>	Yes	Yes	Yes	Yes	N/A
<b>RDR-7000 Vertical Buffer + Maritime config.</b>	Yes	Yes	Yes	N/A	Yes