



## **S-76 / AW139 / AS332 / B412 ADS-B Part 29 In/Out Global Solution**

StandardAero offers an approved Automatic Dependent Surveillance-Broadcast (ADS-B) In/Out solution for Sikorsky S-76, Leonardo Helicopters AW139, Airbus Helicopters AS332 and Bell 412 operators that exceeds the January 1, 2020 mandate set by the FAA.

**FAA STC: SR02473AK**  
**EASA STC: 10060043**  
**ANAC STC: 2016S06-13**  
**Mexico DGAC STC: IA-388/2016**

The ADS-B Out retrofit upgrade features an intuitive, touch screen display that is a replacement for existing transponders, and if console space is a challenge, we offer a remote mounted transceiver with a small control head. With 1090 MHz and Mode S Extended Squitter, the L-3 Lynx Multilink Surveillance System (MSS) unit provides ADS-B traffic and weather data as well as airport database, NOTAMS and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
RD00002Rd	Leonardo Helicopters	AW139/AB139
H1NE	Sikorsky Helicopters	S-76A, B, C
H4EU	Airbus Helicopters	AS332C, L, L1
H4SW	Bell Helicopter Textron, Inc	B412, 412EP, 412CF

### Benefits

- ADS-B In/Out and internal GPS – includes 1090 MHz extended squitter and UAT ADS-B In
- Wi-Fi enabled for use with Portable Electronic Devices (PEDs)
- Minimal aircraft downtime requirements for installation (*up to three days, estimated*)

Technical information – L3 NGT-9000

<b>Model Number</b>	L3 Lynx NGT-9000 Series
<b>Features</b>	<ul style="list-style-type: none"> <li>• Mode S extended squitter (ES) transponder with intuitive touchscreen interface</li> <li>• Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In</li> <li>• Patented Lynx Tail provides flight ID, aircraft type and ground speed data of other ADS-B traffic</li> <li>• Internal rule-compliant position source (WAAS/GPS)</li> <li>• Moving maps, including TFRs, airport databases and NOTAMs</li> <li>• Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds &amp; temps aloft (<i>available in the USA only</i>)</li> <li>• AIRMETs and SIGMETs for flight planning</li> <li>• ADS-B traffic (ADS-B, ADS-R and TIS-B) with option for the L-3 NextGen Active Traffic enablement</li> <li>• MFD/PFD interface to show traffic and weather data on compatible cockpit displays</li> <li>• Options available for active traffic, antenna diversity and PED Wi-Fi connectivity</li> </ul>
<b>Product Certification</b>	FAA TSO-C112d, C113a, C145c, C147, C151c, C154c, C157a, C166b, C195b

Kit contents

- Panel or remote processor unit
- OEM Installation kits
- Document package containing FMS, ICA, electrical and mechanical install drawings
- Lighting power supply (AW139 only)

Pricing

StandardAero will be pleased to offer pricing upon request.

Remote Mount



Panel Mount



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