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HELICOPTER STC

Catalog

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ORDER INFORMATION

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AIRBUS HELICOPTERS
H125/AS350 & H130/EC130



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AIRBUS HELICOPTERS H125/AS350 & H130/EC130

1



Crash-Resistant Fuel Tank

2



ADS-B In/Out solution

AS350/EC130 B4

CRASH-RESISTANT FUEL TANK

FAA STC SR02492AK, PMA PQ1082NM, EASA STC 10064703, TCCA STC SH19-21,
BRAZIL ANAC AML STC 2020S02-01

PRODUCT DESCRIPTION

Designed in co-operation with Robertson Fuel Systems LLC, this direct replacement primary fuel tank features several essential safety enhancements, including the introduction of all-new modernized fuel retention technology and the strategic relocation of specific critical components to enhance safety and ease of maintenance further.

Type Certificate Number	Make	Model
H9EU	Airbus Helicopters	AS350 B, B1, B2, B3, BA, D, EC130 B4

SAFETY FEATURES

- Bladder equipped FAR Part 27 FAA crash-resistant design
- Self-sealing breakaway valve to prevent fuel leakage
- Vent system roll-over protection
- Vent system flame arrestor
- Crash-resistant recessed sump drain valve

EASE OF MAINTENANCE FEATURES

- PMA approved and low installation time
- Modern fuel quantity transmitter that works with existing gauges both analogue and VEMD
- Quick change cartridge style boost pump, replaceable without draining fuel
- Independent low fuel level sensor
- All main components accessible at the bottom cover plate
- Increased inspection interval on the fuel pump
- Single or dual pump configurations



H125/AS350 & H130/EC130

ADS-B IN/OUT SOLUTION

FAA AML STC SR02478AK, EASA STC 10062156, MEXICO DGAC STC IA-405/2017,
BRAZIL ANAC AML STC PENDING

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
H9EU	Airbus Helicopters	AS350 C, D, D1, B, B1, B2, BA, B3
H9EU	Airbus Helicopters	EC130 B4, T2

BENEFITS

- FAA approved ADS-B In and Out upgrade, modern, form factor replacement
- ADS-B In/Out and internal GPS – includes 1090 MHz extended squitter and UAT ADS-B In
- Wireless Connectivity for PEDS (iPad)
- STC approval enhances resale value, accepted internationally and reduces expenses associated with re-quantifying
- Minimal aircraft downtime requirements for installation (approximately three days)

TECHNICAL INFORMATION

Part/Model Number - L3 Lynx NGT-9000 Series

- Panel Mount Mode S Extended Squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- MFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and PED (iPad) Wi-Fi connectivity

Product Certification

FAA TSO-C112d, C113a, C145c, C147, C151c, C154c, C157a, C166b, C195b

Part/Model Number - Garmin GTX-345

- Panel Mount Mode S Extended Squitter (ES) transponder
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- Interface to show ADS-B traffic and weather data on compatible cockpit displays
- (iPad) connectivity Bluetooth

Product Certification

FAA TSO-C112e, C145d, C154c, C157a, C166b, C195a

Kit contents

- Panel unit
- OEM Installation kits
- Document package containing FMS, ICA, electrical and mechanical install drawings





AIRBUSHELICOPTERS
H120/EC120



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AIRBUS HELICOPTERS H120/EC120

1



ADS-B In/Out solution

H120/EC120

ADS-B IN/OUT SOLUTION

FAA AML STC SR02478AK, EASA STC 10062156, MEXICO DGAC STC IA-405/2017,
BRAZIL ANAC AML STC PENDING

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRs. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
R0001RD	Airbus Helicopters	EC120B

BENEFITS

- FAA approved ADS-B In and Out upgrade, modern, form factor replacement
- ADS-B In/Out and internal GPS – includes 1090 MHz extended squitter and UAT ADS-B In
- Wireless Connectivity for PEDS (iPad)
- STC approval enhances resale value, accepted internationally and reduces expenses associated with re-quantifying
- Minimal aircraft downtime requirements for installation (approximately three days)

TECHNICAL INFORMATION

Part/Model Number - L3 Lynx NGT-9000 Series

- Panel Mount Mode S Extended Squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- MFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and PED (iPad) Wi-Fi connectivity

Product Certification

FAA TSO-C112d, C113a, C145c, C147, C151c, C154c, C157a, C166b, C195b

Part/Model Number - Garmin GTX-345

- Panel Mount Mode S Extended Squitter (ES) transponder
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- Interface to show ADS-B traffic and weather data on compatible cockpit displays
- (iPad) connectivity Bluetooth

Product Certification

FAA TSO-C112e, C145d, C154c, C157a, C166b, C195a

Kit contents

- Panel unit
- OEM Installation kits
- Document package containing FMS, ICA, electrical and mechanical install drawings





AIRBUSHELICOPTERS
H135/EC135



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AIRBUS HELICOPTERS H135/EC135

1



ADS-B In/Out solution

H135/EC135

ADS-B IN/OUT SOLUTION

FAA AML STC SR02478AK, EASA STC 10062156, MEXICO DGAC STC IA-405/2017, BRAZIL ANAC AML STC PENDING

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
H88EU	Airbus Helicopters	EC135 P1, T1, P2, T2, P2+, T2+, P3, T3

BENEFITS

- FAA approved ADS-B In and Out upgrade, modern, form factor replacement
- ADS-B In/Out and internal GPS – includes 1090 MHz extended squitter and UAT ADS-B In
- Wireless Connectivity for PEDS (iPad)
- STC approval enhances resale value, accepted internationally and reduces expenses associated with re-quantifying
- Minimal aircraft downtime requirements for installation (approximately three days)

TECHNICAL INFORMATION

Part/Model Number - L3 Lynx NGT-9000 Series

- Panel Mount Mode S Extended Squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps *(available in the USA only)*
- MFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and PED (iPad) Wi-Fi connectivity

Product Certification

FAA TSO-C112d, C113a, C145c, C147, C151c, C154c, C157a, C166b, C195b

Part/Model Number - Garmin GTX-345

- Panel Mount Mode S Extended Squitter (ES) transponder
- Dual-mode 1090ES ADS-B Out plus 1090 and 978 ADS-B In
- Internal rule-compliant position source (WAAS/GPS)
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps *(available in the USA only)*
- Interface to show ADS-B traffic and weather data on compatible cockpit displays
- (iPad) connectivity Bluetooth

Product Certification

FAA TSO-C112e, C145d, C154c, C157a, C166b, C195a

Kit contents

- Panel unit
- OEM Installation kits
- Document package containing FMS, ICA, electrical and mechanical install drawings





AIRBUS HELICOPTERS
AS332 SUPER PUMA



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AIRBUS HELICOPTERS AS332 Super Puma

①



Cockpit Voice and Flight Data Recorder

②



Night Vision Goggle Compatible Cockpit

③



Helicopter Emergency Egress Lighting (HEEL) System

④



Dual Garmin NAV/COMM/GPS

⑤



Satellite Tracking System

⑥



ADS-B In/Out Solution

AS332

COCKPIT VOICE and FLIGHT DATA RECORDER (CVFDR)

EASA STC 10052960, FAA STC SR02415AK, MEXICO DGAC STC IA-389-2016

PRODUCT DESCRIPTION

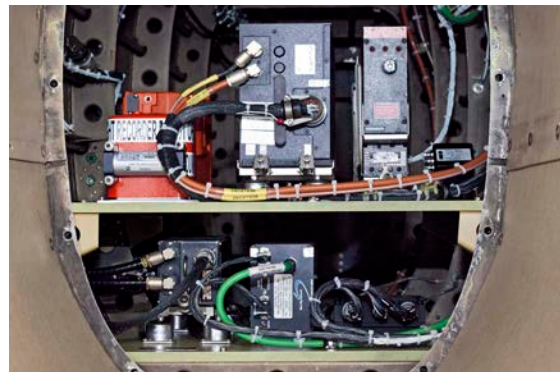
The Cockpit Voice and Flight Data Recorder (CVFDR) retrofit package feature a lightweight, solid, low power consumption state-of-the-art CVFDR with an underwater acoustic beacon and a six-year battery-life warranty. A digital flight data acquisition unit is also included as part of the system. The system can record over 25 flight data parameters with integrated optional Recorder Independent Power Supply (RIPS), requiring no additional wiring.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C
H4EU	Airbus Helicopters France	AS332L, AS332L1

BENEFITS

- The only FAA approved CVFDR retrofit solution available on the market
- Further enhances the mission capability profile of the venerable AS332 helicopter
- Minimal downtime for retrofit

Operating temperature	-55°C to 70°C (-67°F to 158°F)
Part/model number	L3 Com FA5001 CVFDR



AS332

NIGHT VISION GOGGLE (NVG) COMPATIBLE COCKPIT

FAA STC SR02405AK

PRODUCT DESCRIPTION

The Night Vision Google (NVG) replaces existing system internal lighting with a circumferential bezel floodlight, external lighting with covert lighting, and cabin lighting with NVG compliant lighting.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C, AS332L, AS332L1

BENEFITS

- Night vision goggles operate by sensing smallest amount of natural and artificial light
- NVGs allow air crews to view terrain, avoid obstacles and observe changing weather conditions usually hidden by darkness
- Day/night readable without NVG goggles
- Compatible with ITT 4949 series and L3 M949 series NVG goggles meeting class B operational requirements
- STC meets commercial standards of RTCA/DO-275/268, TSO-C164 and meets the military specifications MIL-L-85762A and MIL-STD-3009

TECHNICAL INFORMATION

Mil specs	MIL-L-86762A Lighting, Aircraft, Interior, Night Vision Imaging System (NVIS) Compatible, MIL-STD-3009 Lighting, Aircraft, Night Vision Imaging System (NVIS) Compatible
Part/model number	Compatible models include ITT F4949 Series, Litton/Northrop-Grumman/L3 M949 systems.



AS332

HELICOPTER EMERGENCY EGRESS LIGHTING (HEEL) SYSTEM

EASA STC 10047200, FAA STC SR02398AK

PRODUCT DESCRIPTION

The HEEL system is a supplemental lighting system and is a prerequisite to installing the original OEM emergency lighting system.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C
H4EU	Airbus Helicopters France	AS332L, AS332L1

BENEFITS

- Can be activated by emergency events such as loss of helicopter power, water and impact
- Following a ditching or crash, the HEEL system identifies emergency escape hatches, push out windows and emergency exits by illuminating their perimeter
- Mandatory for offshore operations
- Watertight up to 50 feet for 20 minutes

TECHNICAL INFORMATION

Weight	7.85 lb (3 kg)
Part/model number	Luminescent System Inc, HEEL System



PRODUCT DESCRIPTION

Installation of a Dual Garmin GNS 530W system on an AS332 L1 rotorcraft.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C
H4EU	Airbus Helicopters France	AS332L, AS332L1

BENEFITS

- Combined NAV/Comm/GPS unit mounted in the console
- Eliminates need for multiple remote boxes to save space and reduce weight
- Dual units for redundancy
- Approved for IFR operations and for LPV approaches
- Meets FAA TSO C146a standards for WAAS “sole means” navigation
- Enhances situational awareness
- Class-B TAWS capable
- Jeppesen navigation database provides magnitude of flight information
- Capable of displaying XM weather information, NEXRAD weather graphics, METARs
- Capable of integration with TCAD, WX Radar, Transponder, XM Satellite Datalink

Unit dimensions (WxHxD)	6.25 in. W x 4.60 in. H x 11.0 in. D (15.9 cm x 11.7 cm x 27.9 cm)
Display size (WxHxD)	4.0 in. W x 3.0 in. H (10.2 cm x 7.6 cm)
Display resolution (WxH)	320 x 234 pixels
Display type	8 color TFT LCD; sunlight readable
Weight	9.5 lb (4.3 kg)
Voltage range	14 -28
Built-in VHF Comm	Yes, 8.33/25 kHz channel spacing
Transmit power	10 watts minimum; 16 watts minimum (GNS 530A)
Built-in VOR/Loc/Glideslope	Yes, ICAO annex 10 FM compliant
SBAS/WAAS receiver	15 channel
IFR or VFR	IFR
Part/model number	GNS530W

AS332

SATELLITE TRACKING SYSTEM

FAA STC SR02393AK

PRODUCT DESCRIPTION

Installation of a SkyTrac ISAT model 100 or model 200, flight following satellite communication system. The unit offers two-way voice communication between aircraft and ground. System flight following enables aircraft tracking and flight mapping.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C
H4EU	Airbus Helicopters France	AS332L
H4EU	Airbus Helicopters France	AS332L1, AS332L2

BENEFITS

- Global flight following, voice, messaging and data transfer
- Easily integrates with other on-board equipment
- Automatic operation - no pilot interaction required

Hardware Features

- Single TSO GPS and iridium dual antenna
- Smart tray installation with field replaceable transceiver
- Two-way voice communication
- SD card interface for quick data download and firmware upgrades
- Supports Wi-Fi or Bluetooth interface for additional onboard connection options
- Internal field replaceable battery to enable emergency mode in case of aircraft power loss, as well as the sending of a final "power off" event which provides more accurate flight times for billing and maintenance purposes

Cockpit Interface (Dialer and Display)

- Send/receive pre-configured, editable field or free-form messages
- Send/receive satellite phone calls
- Emergency switch
- Tag flight number of pilot log to each position report

Part/model number	ISAT-100/ ISAT-200
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AS332

ADS-B IN/OUT SOLUTION

FAA STC SR02473AK, EASA STC 10060043, BRAZIL ANAC AML STC 2016S06-13, MEXICO DGAC STC IA-388/2016, REPUBLIC OF INDONESIA DGCA STC SR033, MALAYSIA CAAM STC VSTC-2020-034

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
H4EU	Airbus Helicopters France	AS332C, AS332L, AS332L1

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 (*approximately 4 days*)

TECHNICAL INFORMATION

Part/Model Number

L3 Lynx NGT-9000 Series

Features

- Mode S extended squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In
- Designed for 14V and 28V installations
- Patented Lynx Tail provides flight ID, aircraft type and ground speed data of other ADS-B traffic
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- Aloft, AIRMETs and SIGMETs
- ADS-B traffic (ADS-B, ADS-R and TIS-B) with option for the L-3 NextGen Active Traffic enablement
- MFD/PFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and PED Wi-Fi connectivity

Product Certification

FAA TSO-C112d, C113a, C145c, C151c, C154c, C157a, C166b, C195b

Kit Contents

- Panel or remote processor unit
- Wiring
- Installation kits
- Low-loss XPDR coax harness
- Low-loss GPS coax harness
- Document package containing FMS, ICA, electrical and mechanical install drawings





BELL
206



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BELL 206

①



SAGEM Electronic Flight Instrument System and AHRS Upgrade

②



Single SAGEM Avionics ICDS-8 Integrated Cockpit Display System with Attitude and Heading Reference Inputs and a Garmin GNS430 NAV/COMM/GPS System

③



Carbon Fiber Modular Tailboom Drive Cover

BELL 206

SAGEM ELECTRONIC FLIGHT INSTRUMENT SYSTEM and AHRS UPGRADE FAA STC SR02292AK, TCCA STC SH08-18, EASA.IM.R.S.01369 10016968

PRODUCT DESCRIPTION

The SAGEM Electronic Flight Instrument System and Upgrade installation include SAGEM integrated cockpit displays with one, two, or three-screen options. It has Garmin GNS-430/530W GPS/NAV/Com system options and Crossbow or SAGEM Att/Hdg reference system options. A two-inch standby instrument package is available and includes a panel allowing for remote adjustment of HDG, CRS, and BARO.

Type Certificate Number	Make	Model
H2SW	Bell Helicopter Textron (Canada)	206, 206A
H2SW	Bell Helicopter Textron (Canada)	206A-1 (OH-58A)
H2SW	Bell Helicopter Textron (Canada)	206B, 206B-1
H2SW	Bell Helicopter Textron (Canada)	206L, 206L-1, 206L-3, 206L-4

BENEFITS

- Replaces standard instrumentation with a lightweight, cost-effective advantage
- Integrated engine display replaces all mechanical indicators
- Offers better situational awareness with significantly reduced pilot workload

TECHNICAL INFORMATION

Screen	LCD
Size	8.4 in. or 10.4 in. (21.3 cm or 26.4 cm) landscape or portrait mode
Power supply	10 - 35 VDC
Wattage (max)	50 watts, 14 - 28 volts
Operating temperature	-20°C to 70°C (-4°F to 158°F)
Storage temperature	-40°C to 80°C (-40°F to 176°F)
Serial input/output	4 RS-232/422
Inputs	8 discrete, NTSC option, external brightness control, external push buttons, external keyboard
Outputs	16 discrete, audio output
MTBF	5,000 hrs
Part/model number	SAGEM Avionics ICDS-8

BELL 206

SINGLE SAGEM AVIONICS ICDS-8 INTEGRATED COCKPIT DISPLAY SYSTEM with ATTITUDE and HEADING REFERENCE INPUTS and a GARMIN GNS430 NAV/COMM/GPS SYSTEM FAA STC SR02326AK

PRODUCT DESCRIPTION

SAGEM single display Integrated Cockpit Display System (ICDS) and AHRS system.

Type Certificate Number	Make	Model
H2SW	Bell Helicopter Textron (Canada)	206, 206A
H2SW	Bell Helicopter Textron (Canada)	206A-1 (OH-58A)
H2SW	Bell Helicopter Textron (Canada)	206B, 206B-1
H2SW	Bell Helicopter Textron (Canada)	206L, 206L-1, 206L-3, 206L-4

BENEFITS

- Replaces standard instrumentation with a lightweight, cost-effective advantage and offers better situational awareness with significantly reduced pilot workload.

Screen	LCD
Size	8.4 in. (21.3 cm) portrait orientation
Power supply	10 - 35 VDC
Wattage (max)	50 watts, 14 - 28 volts
Operating temperature	-20°C to 70°C (-4°F to 158°F)
Storage temperature	-40°C to 80°C (-40°F to 176°F)
Serial input/output	4 RS-232/422
Inputs	8 discrete, NTSC option, external brightness control, external push buttons, external keyboard
Outputs	16 discrete, audio output
MTBF	5,000 hrs
Part/model number	SAGEM Avionics ICDS-8, Garmin GNS430

BELL 206

CARBON FIBER MODULAR TAILBOOM DRIVE COVER FAA STC SR01149SE, TCCA STC SH03-25

PRODUCT DESCRIPTION

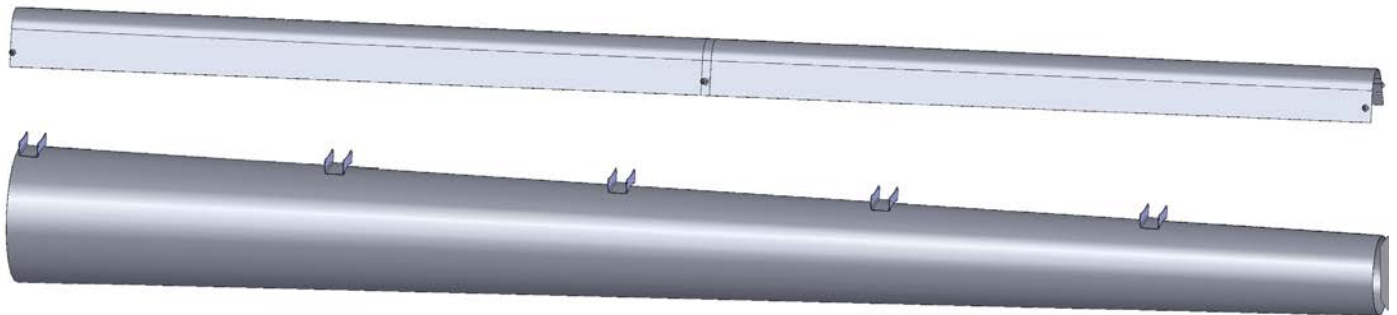
Alternate tailboom drive cover.

Type Certificate Number	Make	Model
H2SW	Bell Helicopter Textron (Canada)	206B

BENEFITS

- Lighter, stronger, dent resistant, and two-piece modular for easier installation and shipping

Weight	Negligible
Moment arm (m)	Negligible
Material	Carbon fiber
Operational limitations	No change
Retrofit information	Some special drills and tooling required to install
Part/model number	H206-031-462





BELL

427/430



StandardAero



BELL 427/430



Bulkhead Adapter



- FSI Ultra Media II or III, or Wescam 16SS-320, 16SS-B750/725, 16SS-1000, 16DB-750 Camera and Isolation Mount
- FSI Ultra Media II Camera and Isolation Mount



- Nose-Mounted Tokimec/Cineflex Gyro Stabilizer E.N.G Camera
- Tokimec Antenna Array

BELL 427

BULKHEAD ADAPTOR

FAA STC SR01520NY, TCCA STC SH02-20

PRODUCT DESCRIPTION

Bulkhead installation that is easily installed behind the rear seats against the rear wall to move seating forward.

Type Certificate Number	Make	Model
R00001RC	Bell Helicopter Textron (Canada)	427
H-103	Bell Helicopter Textron	427

BENEFITS

- Clear view from main cabin windows
- Improves rear passenger photography capability

TECHNICAL INFORMATION

Part/model number	HP42725-11-801-001
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BELL 427

FSI ULTRA MEDIA II OR III, or WESCAM 16SS-320, 16SS- B750/725, 16SS-1000, 16DB-750 CAMERA and ISOLATION MOUNT, FSI ULTRA MEDIA II CAMERA and ISOLATION MOUNT

FAA STC SR01262NY, TCCA STC SH00-41

PRODUCT DESCRIPTION

Installation of a camera system with an isolation mounting system, designed in-house to meet customer installation and usage requirements.

Type Certificate Number	Make	Model
R00001RC	Bell Helicopter Textron (Canada)	427

BENEFITS

- Lightweight, highly durable materials are used to manufacture the isolation mount that can be adapted to mount with a number of camera systems
- If another type of camera system or a newer system/mounting is required, it can be developed in-house to meet customer requirements
- Internal turret design for unprecedented stability
- High magnification
- Outstanding image quality
- Five axis microprocessor controlled gyro stabilization technology

TECHNICAL INFORMATION

Operational limitations	-20°C to 45°C (-4°F to 113°F)
Part/model number	FSI Ultra Media II, III or Wescam 16SS-320, 16SS-B750/725, 16SS-1000, 16DB-750



BELL 430

NOSE-MOUNTED TOKIMEC/CINEFLEX GYRO-STABILIZED E.N.G CAMERA TOKIMEC ANTENNA ARRAY FAA STC SR01451SE & FAA STC SR01452SE

PRODUCT DESCRIPTION

Installation of camera system with antenna array for live broadcasting.

Type Certificate Number	Make	Model
H9SW	Bell Helicopter Textron (Canada)	430

BENEFITS

- Complete all-in-one system installation
- Includes camera system and the installation of antennas required for live broadcasting of images/video for news or sporting events to a ground station

TECHNICAL INFORMATION

Part/model number	Cineflex HDV14, 430-23-00-101
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BELL

205/212

SINGLE



StandardAero



BELL 205/212 SINGLE

①



SAGEM Three (3) Display Electronic Flight Instrument System with AHRS System

BELL 205/BELL 212 SINGLE

SAGEM THREE (3) DISPLAY ELECTRONIC FLIGHT INSTRUMENT SYSTEM and AHRS SYSTEM

FAA STC SR03043NY, TCAA STC SH09-59

PRODUCT DESCRIPTION

SAGEM ICDS three (3) display Integrated Cockpit Display System (ICDS) and AHRS system.

Type Certificate Number	Make	Model
H105	Bell Helicopter Textron	205B
H86	Bell Helicopter Textron	212
H1SW	Bell Helicopter Textron	205A, 206A-1

BENEFITS

- Replaces standard instrumentation including critical engine parameter monitoring instruments with a light weight cost effective solution
- Offers better situational awareness with a significantly reduced pilot workload

TECHNICAL INFORMATION

Screen	LCD
Size	10.4 in. (26.4 cm) landscape or portrait mode
Power supply	10 - 35 VDC
Wattage (max)	50 watts, 14 - 28 volts
Operating temperature	-20°C to 70°C (-4°F to 158°F)
Storage temperature	-40°C to 80°C (-40°F to 176°F)
Serial input/output	4 RS-232/422
Inputs	8 discrete, NTSC option, external brightness control, external push buttons, external keyboard
Outputs	16 discrete, audio output
MTBF	5,000 hrs
Weight	Variable
Moment arm (m)	Variable
Material	See TSOs
Operational limitations	Aircraft specific
Part number	Multi levelled



BELL
212/412

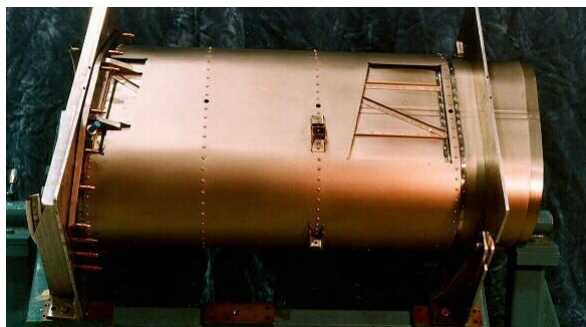


StandardAero



BELL 212/412

①



Overhauled Exhaust Ejectors

②



ADS-B In/Out Solution

BELL 212/412

OVERHAULED EXHAUST EJECTORS FAA STC SH767NE, TCCA STC SH90-9

PRODUCT DESCRIPTION

Bell 212/412 overhauled exhaust ejectors.

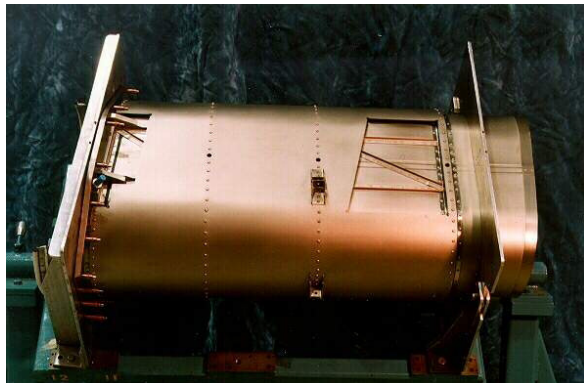
Type Certificate Number	Make	Model
H4SW	Bell Helicopter Textron	212, 412
H-86	Bell Helicopter Textron	212, 412

BENEFITS

- Cost-effective: exhaust ejectors can be repaired/overhauled instead of having to purchase replacements

TECHNICAL INFORMATION

Part/model number	89-104-004, 212-061-201 and 212-061-216
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BELL 212/412

ADS-B IN/OUT SOLUTION

FAA STC SR02473AK, EASA STC 10060043, BRAZIL ANAC AML STC 2016S06-13, MEXICO DGAC STC IA-388/2016, REPUBLIC OF INDONESIA DGCA STC SR033, MALAYSIA CAAM STC VSTC-2020-034, FAA STC SR02512AK INSTALLATION OF A DUAL UNIVERSAL AVIONICS EFI-890H PFD, GARMIN GTN-750 NAV/COM/GPS/HTAWS/ADS-B, ROCKWELL COLLINS AHC-1000 AHRS

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
H4SW	Bell Helicopter Textron	212
H4SW	Bell Helicopter Textron	412, 412EP, 412CF

BENEFITS

- FAA, EASA, Brazil ANAC, Mexico DGAC, Republic of Indonesia DGCA, and Malaysia CAAM approved ADS-B upgrade
- 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 (*approximately 4 days*)

TECHNICAL INFORMATION

Part/Model Number

L3 Lynx NGT-9000 Series

Features

- Mode S extended squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In
- Designed for 14V and 28V installations
- Patented Lynx Tail provides flight ID, aircraft type and ground speed data of other ADS-B traffic
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMS
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps (*available in the USA only*)
- Aloft, AIRMETs and SIGMETs
- ADS-B traffic (ADS-B, ADS-R and TIS-B) with option for the L-3 NextGen Active Traffic enablement
- MFD/PFD interface to show traffic and weather data on compatible cockpit displays
- Options available for active traffic, antenna diversity and PED Wi-Fi connectivity

Product Certification

FAA TSO-C112d, C113a, C145c, C151c, C154c, C157a, C166b, C195b

Kit Contents

- Panel or remote processor unit
- Wiring
- Installation kits
- Low-loss XPDR coax harness
- Low-loss GPS coax harness
- Document package containing FMS, ICA, electrical and mechanical install drawings





BELL

UH-1H



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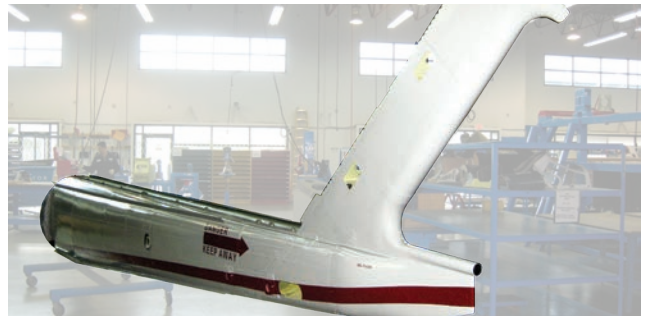
BELL UH-1H

①



Spar Replacement System

②



Vertical Tail Fin with 42° and 90° Gearboxes and 212 Push Rod System

BELL UH-1/204

SPAR REPLACEMENT SYSTEM

FAA STC SR00767SE

PRODUCT DESCRIPTION

Fabrication and installation of Helipro Spar Replacement System.

Type Certificate Number	Make	Model
H11SW	AST, Inc	UH-1F
H12NM	Rotorcraft Development Corp	UH-1F
H12NM	Rotorcraft Development Corp	TH-1F
H12NM	Rotorcraft Development Corp	UH-1P
H13WE	Rotorcraft Development Corp	UH-1B
H13WE	Rotorcraft Development Corp	UH-1H
H15NM	Hagglund Helicopters	UH-1H
H1RM	San Joaquin Helicopters	UH-1B
H1SW	Bell Helicopter Textron	204B
H3SO	Richards Heavylift Helo, Inc	UH-1B, UH-1H
H7NE	Tamarack Helicopters, Inc	UH-1F
H7SO	OAS Parts LLC	UH-1H

BENEFITS

- Unlimited life and is approved AMOC for AD 99-25-12

TECHNICAL INFORMATION

Weight	Recommend reweigh of A/C
Moment arm (m)	Recommend reweigh of A/C
Material	See STC approved model list
Operational limitations	No change
Retrofit information	Requires special training and UH-1H tailboom fixture
Part/model number	See Approved Model List (AML)

BELL UH-1H

VERTICAL TAIL FIN with 42° and 90° GEARBOXES and 212 PUSH ROD SYSTEM FAA STC SR00267SE

PRODUCT DESCRIPTION

Fabrication and installation of a 212 Vertical Tail Fin and Rotor, 42° and 90° Gearboxes, 212 push rod, and anti-torque control system for UH-1H restricted category rotorcraft.

Type Certificate Number	Make	Model
H15NM	Hagglund Helicopters	UH-1H
H7SO	OAS Parts LLC	UH-1H
R00004RC	JJASPP/Vector	UH-1H

BENEFITS

Increased MTBF, improved maintenance procedures, and improved operating performance. This STC also eliminates requirement for AD 99-25-12.

- Improved hover-hold tasks, yaw control and high DA capability
- Reduced cruise torque, tail rotor power requirements and fuel consumption

TECHNICAL INFORMATION

Weight	Recommend reweigh of A/C
Moment arm (m)	Recommend reweigh of A/C
Material	See MDL
Operational limitations	RFMS section II torque available. Maximum time for operation exceeding 47.5 psi is 5 min
Retrofit information	"D" level major modification. Requires UH-1H/205/212 tailboom fixture and special training
Part/model number	MDL DM9405-3





LEONARDOHELICOPTERS

AW139



StandardAero



LEONARDO HELICOPTERS AW139

①



ADS-B In/Out solution

AW139

ADS-B IN/OUT SOLUTION

FAA STC SR02473AK, EASA STC 10060043, BRAZIL ANAC AML STC 2016S06-13, MEXICO DGAC STC IA-388/2016, REPUBLIC OF INDONESIA DGCA STC SR033, MALAYSIA CAAM STC VSTC-2020-034

PRODUCT DESCRIPTION

The ADS-B Out, plus ADS-B In, retrofit upgrade features an intuitive touch screen display that replaces existing transponders. 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, airport databases, NOTAMS, and TFRS. Other capabilities include MFD/PFD interface as well as optional wifi for PEDS integration.

Type Certificate Number	Make	Model
RD0002Rd	Leonardo Helicopters	AW139/AB139

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 (*approximately 4 days*)

TECHNICAL INFORMATION

Part/Model Number

L3 Lynx NGT-9000 Series

Features

- Mode S extended squitter (ES) transponder with intuitive touchscreen interface
- Dual-mode 1090ES ADS-B Out plus 1090 MHz and 978 MHz ADS-B In
- Designed for 14V and 28V installations
- Patented Lynx Tail provides flight ID, aircraft type and ground speed data of other ADS-B traffic
- Internal rule-compliant position source (WAAS/GPS)
- Moving maps, including TFRs, airport databases and NOTAMs
- Subscription-free ADS-B graphical and textual weather, including NEXRAD, METARs, winds & temps aloft (*available in the USA only*)
- AIRMETs and SIGMETs
- ADS-B traffic (ADS-B, ADS-R and TIS-B) with option for the L-3 NextGen Active Traffic enablement
- Options available for active traffic, antenna diversity and PED Wi-Fi connectivity

Product Certification

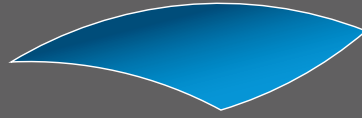
FAA TSO-C112d, C113a, C145c, C151c, C154c, C157a, C166b, C195b

Kit Contents

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



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