



"This document is the property of Airbus Helicopters; no part of it (including its content) shall be reproduced or transmitted without the express prior written authorization of Airbus Helicopters. © Airbus Helicopters – All rights reserved. The facts and figures contained in this document are disclosed for information purposes only. Airbus Helicopters reserves the right to make configuration and data changes at any time without notice. This document does not constitute any offer or contract with Airbus Helicopters."

EC145 (BK117C2) Pre-Owned

AIRBUS HELICOPTERS

AIRBUS

EC145

GENERAL INFORMATION

Make:	Airbus
Model:	EC145 (BK117C2)
Serial Number:	9181
Price:	\$1,950,000
Available:	Mid-October 2023
Year:	2008
Registration:	N145EC
Configuration:	Emergency Medical Transport
Certified Operations:	Single Pilot IFR and NVG
Location:	Eau Claire, Wisconsin USA
TTSN:	~8,700 Hrs. (Projected)
Engine Model:	Safran Arriel 1E2 (2ea)
Dedicated Mission:	EMS
Maintenance Status:	See summaries pages 7-10



- NOTE:** (1) Buyer shall be responsible for removal of all branding prior to placing the helicopter into operational service.
- (2) The helicopter is on Safran's Engine Support By the Hour but the price excludes transfer of the support plan. At the Buyer's request, the SBH will be included based on mutually agreeable terms.

EC145

AVIONICS

Air Methods Instrument & Avionics STC SR00650DE and SR00650D

Avionics Cooling Fan	705722-00
Co-Pilot Light Assy	01-70190-w-12
Pilot light Assy	01-70190-w-12
GNS 430W #1 XCVR	011-01060-00
GNS 530W #2 XCVR	011-01064-00
GPS Selector Switch	LED-6A-15-ND-36122
NAV Diplexer	CI-1125
Weather Radar and Mount	STC# SR00594DE-D
Radome	STC# SR00594DE-D
TDFM 7000 Transceiver	051240-3-71158NVP7
RC-7000 Remote Control	STC SR00592DE-D
Pilot Audio Panel	AA95-912N
Co-Pilot Audio Panel	AA95-912N
Crew Audio Panel	AA95-913N
ICS Control Panel	AA31-104
Co-Pilot Foot Selector Switch	LED-42-15-ND355566
Doppler Pre-Amp	108-1110-80
Co-Pilot Foot Switch	M8805-55-002
XPDR #1 GTX 345	011-03302-00
XPDR #2 GTX 345	011-03302-00



EC145 | AVIONICS

Air Methods Instrument & Avionics STC SR00650DE and SR00650D

KRA405B XCVR- Radar Altimeter	066-01153-0101
Receiver KR-22	066-01065-0000
ELT Transmitter C-406N-HM	453-5061
ELT Remote Switch	345-6196-04
ELT Buzzer	130-4004
MFD GMX200	011-01467-00
GDL69 XCVR	011-00986-00
MKXXI EGPWS Processor	965-1227-005
MKXXI EGPWS Config Module	071-01710-0021
Terrain Warning Indicator	LED-40-18-KB37091
Terrain Inhibitor Indicator	LED-40-17-SE37092
Terrain Press to Test Switch	LED-41-12-KB-37090
Low Altitude Switch	LED-41-12-KB37093
Dimmer (WAAS)	LD12-002
Avionics Fan	705722-00



EC145 | MISSION EQUIPMENT

Air Methods Emergency Medical System STC SR00592DE

Modular Storage Unit Aft.	779-1073
Med Crew Fire-X Mount	779-1137
Med Crew Fire-X Mount w/ Extinguisher	779-1062
Pilot Fire-X Mount w/ Extinguisher	779-1062
L/H Crew Seat - Max Fwd.	779-1043
L/H Crew Seat - Max Aft.	779-1043
R/H Fwd. Crew Seat - Max Fwd.	779-1043
R/H Aft. Crew Seat - Max Fwd.	779-1043
R/H Aft. Crew Seat - Max Aft.	779-1043

Outerlink System STC SR00374BO

Outerlink Data Monitor & Processor	N00-5100
Outerlink Dialer Control Panel	N00-5200
Outerlink Camera (IRIS System)	N00-5300
Outerlink VIASAT Terminal	N00-5400
Outerlink GPS/IRIDIUM Antenna	5G1516RR-AP-XST-1
Outerlink Area Microphone	N008-0061



EC145

MISC EQUIPMENT

Additional and Misc. Equipment

Air Methods External LOX System	STC# SR00635DE-D
Alaris Mini Med. Mount	779-1059
Alaris Mini Mount w/ Equip.	779-1059
Night Scanner	STC# SR00586DE-D
Super Night Scanner	STC# SR00586DE-D
Crosstube Landing Light	STC# SR00587DE-D
Concorde Battery	STC#SRO9298RC-D
AirCom A/C System	STC#SR00601DE
NVG Compatible	STC# SR00596DE-D
Devore Floodlights	STC# SR00624DE-D
LED Position Lights	FAA Form 337
Single/Dual Pilot WAAS Upgrade (FAA 337)	STC# SR09495RC-D



EC145

MAJOR COMPONENTS STATUS

OH = Overhaul SLL = Service Life Limit INSP = Inspection HRS = Hours CYC = Cycle M = Month

<u>COMPONENT</u>	<u>OH/SLL</u>	<u>PART NUMBER</u>	<u>FREQUENCY</u>	<u>TIME REMAINING</u>
MAIN ROTOR BLADE 1	SLL	B621M1002104	25,000 HRS	16,300 HRS (65%)
MAIN ROTOR BLADE 2	SLL	B621M1002104	25,000 HRS	16,300 HRS (65%)
MAIN ROTOR BLADE 3	SLL	B621M1002104	25,000 HRS	16,300 HRS (65%)
MAIN ROTOR BLADE 4	SLL	B621M1002104	25,000 HRS	16,300 HRS (65%)
MAIN TRANSMISSION	OH	B632K1001051	5,000 HRS	459 HRS (9%)
MGB CASE ASSEMBLY	SLL	B632K1020101	10,000 HRS	5,463 HRS (55%)
MAIN ROTOR SHAFT	SLL	4639205027	30,000 HRS	25,463 HRS (85%)
MR HEAD ASSEMBLY	INSP	B622M1002101	4,800 HRS	3,181 HRS (66%)
TEN/TORSION STRAPS	SLL	B622M10T1001	144 M	27 M (19%)
INNER SLEEVE ASSY's	SLL	B622M1009101	13,300 HRS	4,600 HRS (35%)
QUAD NUTS UP/LOWER	SLL	B622M1004201 & 5201	60,000 CYC	33,661 CYC (56%)



**Times Remaining are Based on a Projected Airframe Total Time of 8,700 Hours and Availability Mid-October 2023. Represented are only the major component.; Times and cycles will vary at the actual time of purchase and the Buyer shall be responsible for validating all OH and SLL limited items life remaining.*

As the pre-owned helicopter described here may currently still be in use/operation, the details specified here are only to be understood as a guideline for the respective helicopter's condition and the here mentioned condition and component life times may be subject to changes depending upon such use/operation.

EC145

MAJOR COMPONENTS STATUS

OH = Overhaul SLL = Service Life Limit INSP = Inspection HRS = Hours CYC = Cycle M = Month

COMPONENT	OH/SLL	PART NUMBER	FREQUENCY	TIME REMAINING
ROTOR STAR	SLL	B622M1001201	26,800 HRS	18,100 HRS (68%)
MAIN SERVO / LONGITUDINAL	OH	B673M30A1101	7,500 HRS	6,267 HRS (84%)
MAIN SERVO / LATERAL	OH	B673M30A1301	7,500 HRS	6,267 HRS (84%)
MAIN SERVO / COLLECTIVE	OH	B673M30A1203	7,500 HRS	6,267 HRS (84%)
INTERMEDIATE GEARBOX**	OH	4639002009	1,500 HRS	120 HRS (8%)
TAIL ROTOR TRANSMISSION**	OH	4639003011	1,800 HRS	444 HRS (25%)
TAIL ROTOR BLADE	SLL	B641M1001101	9,300 HRS	5,684 HRS (61%)
TAIL ROTOR BLADE	SLL	B641M1001101	9,300 HRS	5,684 HRS (61%)
T/R LAMINATED PILE ASSY	SLL	B642M1005101	14,000 CYC	10,997 CYC (79%)
STARTER GENERATOR #1	OH	23081-072	1,000 HRS	120 HRS (12%)
STARTER GENERATOR #2	OH	23081-072	1,000 HRS	388 HRS (39%)



*Times Remaining are Based on a Projected Airframe Total Time of 8,700 Hours and Availability Mid-October 2023. Represented are only the major component.; Times and cycles will vary at the actual time of purchase and the Buyer shall be responsible for validating all OH and SLL limited items life remaining.

**Airbus has expressed that the Tail Rotor and Intermediate Gearboxes will be extended to 2100 hour overhaul intervals.

As the pre-owned helicopter described here may currently still be in use/operation, the details specified here are only to be understood as a guideline for the respective helicopter's condition and the here mentioned condition and component life times may be subject to changes depending upon such use/operation..

EC145 | ENGINE STATUS

ENGINE #1 ARRIEL 1E2 S/N 18932

PROJECTED TOTAL TIME: 8,560 HRS

NG CYCLE: 11,695

NP CYCLE: 22,350

Date: Mid-October 2023

Modules	TBO	Time Remaining	Calendar INSP Due
Accessory Gearbox, MO1	180 M	132 M (74%)	Oct. 2034
Axial Compressor, MO2	*7,200	4,551 (64%)	N/A
Gas Generator, MO3	3,600	951 (27%)	Oct. 2025
Power Turbine, MO4	*7,200	4,551 (64%)	N/A
Reduction Gearbox, MO5	3,600	951 (27%)	N/A
Fuel Control Unit (FCU)	3,600	1,551 (43%)	Dec. 2026
*3600 Hour Interim Inspections Apply to MO2 and MO4			

Description	Cycle/HRS Limit	Cycle/HRS Remaining
Free Turbine Disc	10,000 CYC	3,200 CYC (32%)
Free Turbine Blades	12,000 / 7,200	5,200 CYC / 4,557 HRS (43%)
1st Stage Turb Disc	10,000 CYC	6,555 CYC (66%)
1st Stage Turb Blades	12,000 / 6,000	5,017 CYC / 1,026 HRS (17%)
2nd Stage Turb Disc	10,000 CYC	6,555 CYC (66%)
2nd Stage Turb Blades	10,000 / 6,000	6,555 CYC / 3,357 HR (56%)
Axial Comp Wheel	14,000 CYC	10,555 CYC (76%)
Centrifugal Impeller	14,000 CYC	10,555 CYC (76%)
Injector Wheel	10,000 CYC	6,555 CYC (66%)

*Times Remaining are Based on a Projected Airframe Total Time of 8,700 Hours and Availability Mid-October 2023. Represented are only the major component.; Times and cycles will vary at the actual time of purchase and the Buyer shall be responsible for validating all OH and SLL limited items life remaining.

As the pre-owned helicopter described here may currently still be in use/operation, the details specified here are only to be understood as a guideline for the respective helicopter's condition and the here mentioned condition and component life times may be subject to changes depending upon such use/operation.

EC145 | ENGINE STATUS

ENGINE #2 ARRIEL 1E2 S/N 18984

PROJECTED TOTAL TIME: 8,560 HRS

NG CYCLE: 11,742

NP CYCLE: 22,335

Date: Mid-October 2023

Modules	TBO	Time Remaining	Calendar INSP Due
Accessory Gearbox, MO1	180 M	132 M (74%)	Oct. 2034
Axial Compressor, MO2	*7,200	4,551 (64%)	N/A
Gas Generator, MO3	3,600	951 (27%)	Oct. 2025
Power Turbine, MO4	*7,200	4,551 (64%)	N/A
Reduction Gearbox, MO5	3,600	951 (27%)	N/A
Fuel Control Unit (FCU)	3,600	951 (27%)	Oct. 2025
*3600 Hour Interim Inspections Apply to MO2 and MO4			

Description	Cycle/HRS Limit	Cycle/HRS Remaining
Free Turbine Disc	10,000 CYC	3,204 CYC (32%)
Free Turbine Blades	12,000 / 7,200	5,204 CYC / 4,557 HR (43%)
1st Stage Turb Disc	10,000 CYC	5,545 CYC (66%)
1st Stage Turb Blades	12,000 / 6,000	4,989 CYC / 1,026 HR (17%)
2nd Stage Turb Disc	10,000 CYC	6,545 CYC (66%)
2nd Stage Turb Blades	10,000 / 6,000	6,545 CYC / 3,357 HR (56%)
Axial Comp Wheel	14,000 CYC	10,545 CYC (76%)
Centrifugal Impeller	14,000 CYC	10,545 CYC (76%)
Injector Wheel	10,000 CYC	6,545 CYC (66%)

*Times Remaining are Based on a Projected Airframe Total Time of 8,700 Hours and Availability Mid-October 2023. Represented are only the major component.; Times and cycles will vary at the actual time of purchase and the Buyer shall be responsible for validating all OH and SLL limited items life remaining.

As the pre-owned helicopter described here may currently still be in use/operation, the details specified here are only to be understood as a guideline for the respective helicopter's condition and the here mentioned condition and component life times may be subject to changes depending upon such use/operation.



Contact us for more information

 Jeff.donahue@airbus.com

 +1-972-641-3735

AIRBUS