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EC145 (BK117C2) Pre-Owned

AIRBUS HELICOPTERS

AIRBUS

EC145

GENERAL INFORMATION

Make:	Airbus
Model:	EC145 (BK117C2)
Serial Number:	9181
Price:	\$1,750,000
Available:	Immediate
Year:	2008
Registration:	N145EC
Configuration:	Emergency Medical Transport
Certified Operations:	Single Pilot IFR and NVG
Location:	Eau Claire, Wisconsin USA
TTSN:	~8,875 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



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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



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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



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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 LDG = Landings 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	16,125 HRS (65%)
MAIN ROTOR BLADE 2	SLL	B621M1002104	25,000 HRS	16,125 HRS (65%)
MAIN ROTOR BLADE 3	SLL	B621M1002104	25,000 HRS	16,125 HRS (65%)
MAIN ROTOR BLADE 4	SLL	B621M1002104	25,000 HRS	16,125 HRS (65%)
MAIN TRANSMISSION	OH	B632K1001051	*5,000 HRS	288 HRS (6%)
MGB CASE ASSEMBLY	SLL	B632K1020101	10,000 HRS	5,288 HRS (53%)
MAIN ROTOR SHAFT	SLL	4639205027	30,000 HRS	25,288 HRS (84%)
MR HEAD ASSEMBLY	INSP	B622M1002101	4,800 HRS	3,005 HRS (63%)
TEN/TORSION STRAPS	SLL	B622M10T1001	144 M	21 M (15%)
INNER SLEEVE ASSY's	SLL	B622M1009101	13,300 HRS	4,425 HRS (33%)
QUAD NUTS UP/LOWER	SLL	B622M1004201 & 5201	60,000 LDG	33,120 LDG (55%)



- (1) Times Remaining are Based on a Projected Airframe Total Time of 8,875 Hours and Immediate Availability. 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.
- (2) *A 400 hour MGB Overhaul Extension is available and can be applied for when within 100 hours of overhaul.

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.

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MAJOR COMPONENTS STATUS

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

COMPONENT	OH/SLL	PART NUMBER	FREQUENCY	TIME REMAINING
ROTOR STAR	SLL	B622M1001201	26,800 HRS	17,925 HRS (67%)
MAIN SERVO / LONGITUDINAL	OH	B673M30A1101	7,500 HRS	6,096 HRS (81%)
MAIN SERVO / LATERAL	OH	B673M30A1301	7,500 HRS	6,096 HRS (81%)
MAIN SERVO / COLLECTIVE	OH	B673M30A1203	7,500 HRS	6,096 HRS (81%)
INTERMEDIATE GEARBOX*	OH	4639002009	*2,100 HRS	549 HRS (26%)
TAIL ROTOR TRANSMISSION*	OH	4639003011	1,800 HRS	273 HRS (15%)
TAIL ROTOR BLADE	SLL	B641M1001101	9,300 HRS	5,509 HRS (59%)
TAIL ROTOR BLADE	SLL	B641M1001101	9,300 HRS	5,509 HRS (59%)
T/R LAMINATED PILE ASSY	SLL	B642M1005101	14,000 CYC	10,456 LDG (75%)
STARTER GENERATOR #1	OH	23081-072	1,000 HRS	677 HRS (68%)
STARTER GENERATOR #2	OH	23081-072	1,000 HRS	217 HRS (22%)



- (1) Times Remaining are Based on a Projected Airframe Total Time of 8,875 Hours and Immediate Availability. 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.
- (2) *Intermediate Gearboxes is in an overhaul extension program to 2100 hour; T/R Gearbox can also be placed in extension once within 100 Hours to OH.

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: 8,736 HRS

NG CYCLE: 11,962

NP CYCLE: 22,910

Date: April 2024

Modules	TBO	Time Remaining	Calendar INSP Due
Accessory Gearbox, MO1	180 M	128 M (71%)	Oct. 2034
Axial Compressor, MO2	*7,200	4,381 (61%)	N/A
Gas Generator, MO3	3,600	781 (22%)	Sept. 2025
Power Turbine, MO4	*7,200	4,381 (61%)	N/A
Reduction Gearbox, MO5	3,600	781 (22%)	N/A
Fuel Control Unit (FCU)	3,600	1,381 (38%)	Nov. 2026
*3600 Hour Interim Inspections Apply to MO2 and MO4			

Description	Cycle/HRS Limit	Cycle/HRS Remaining
Free Turbine Disc	10,000 CYC	2,636 CYC (26%)
Free Turbine Blades	12,000 / 7,200	4,636 CYC / 4,381 HRS (39%)
1st Stage Turb Disc	10,000 CYC	6,288 CYC (63%)
1st Stage Turb Blades	12,000 / 6,000	4,750 CYC / 850 HRS (14%)
2nd Stage Turb Disc	10,000 CYC	6,288 CYC (63%)
2nd Stage Turb Blades	10,000 / 6,000	6,288 CYC / 3,181 HR (53%)
Axial Comp Wheel	14,000 CYC	10,306 CYC (74%)
Centrifugal Impeller	14,000 CYC	10,306 CYC (74%)
Injector Wheel	10,000 CYC	6,288 CYC (63%)

*Times Remaining are Based on a Projected Airframe Total Time of 8,875 Hours and Availability April 2024. 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.

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EC145 | ENGINE STATUS

ENGINE #2 ARRIEL 1E2 S/N 18984

PROJECTED TOTAL TIME: 8,736 HRS

NG CYCLE: 12,012

NP CYCLE: 22,900

Date: April 2024

Modules	TBO	Time Remaining	Calendar INSP Due
Accessory Gearbox, MO1	180 M	128 M (71%)	Oct. 2034
Axial Compressor, MO2	*7,200	4,381 (61%)	N/A
Gas Generator, MO3	3,600	781 (22%)	Sept. 2025
Power Turbine, MO4	*7,200	4,381 (61%)	N/A
Reduction Gearbox, MO5	3,600	781 (22%)	N/A
Fuel Control Unit (FCU)	3,600	781 (22%)	Oct. 2025

***3600 Hour Interim Inspections Apply to MO2 and MO4**

Description	Cycle/HRS Limit	Cycle/HRS Remaining
Free Turbine Disc	10,000 CYC	2,637 CYC (26%)
Free Turbine Blades	12,000 / 7,200	4,673 CYC / 4,381 HR (39%)
1st Stage Turb Disc	10,000 CYC	6,275 CYC (63%)
1st Stage Turb Blades	12,000 / 6,000	4,719 CYC / 850 HR (14%)
2nd Stage Turb Disc	10,000 CYC	6,275 CYC (63%)
2nd Stage Turb Blades	10,000 / 6,000	6,276 CYC / 3,181 HR (53%)
Axial Comp Wheel	14,000 CYC	10,276 CYC (73%)
Centrifugal Impeller	14,000 CYC	10,276 CYC (73%)
Injector Wheel	10,000 CYC	6,275 CYC (63%)

**Times Remaining are Based on a Projected Airframe Total Time of 8,875 Hours and Availability April 2024. 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.*

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Contact us for more information

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