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EC145 (BK117C2) Pre-Owned AIRBUS HELICOPTERS

AIRBUS

EC145

GENERAL INFORMATION

Make: **Airbus** Model: EC145 (BK117C2) **Serial Number:** 9181 \$1,950,000 Price: 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**

See summaries pages 7-10

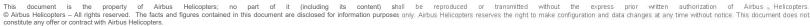


NOTE: (1) Buyer shall be responsible for removal of all branding prior to placing the helicopter into operational service.

(2) The helicopter is on Safarn'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.



Maintenance Status:





EC145 AVIONICS

Air Methods Instrument & Avionics STC SR00650DE and SR00650D

705722-00
01-70190-w-12
01-70190-w-12
011-01060-00
011-01064-00
LED-6A-15-ND-36122
CI-1125
STC# SR00594DE-D
STC# SR00594DE-D
051240-3-71158NVP7
STC SR00592DE-D
AA95-912N
AA95-912N
AA95-913N
AA31-104
LED-42-15-ND355566
108-1110-80
M8805-55-002
011-03302-00
011-03302-00







EC145 AVIONICS

Air Methods Instrument & Avionics STC SR00650DE and SR00650D

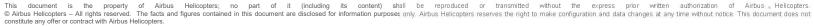
KRA405B XCVR- Radar Altimeter	066-01153-0101
Receiver KR-22	066-01065-0000
ELT Transmitter C-406N-HM	453-5061
ELT Remote Switch	345-6196-04
ELT Buzzer	130-4004
MFD GMX200	011-01467-00
GDL69 XCVR	011-00986-00
MKXXI EGPWS Processor	965-1227-005
MKXXI EGPWS Config Module	071-01710-0021
Terrain Warning Indicator	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		



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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

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

COMPONENT	OH/SLL	PART NUMBER	FREQUENCY	TIME REMAINING
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	ОН	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

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

COMPONENT	OH/SLL	PART NUMBER	FREQUENCY	TIME REMAINING
ROTOR STAR	SLL	B622M1001201	26,800 HRS	18,100 HRS (68%)
MAIN SERVO / LONGITUDINAL	ОН	B673M30A1101	7,500 HRS	6,267 HRS (84%)
MAIN SERVO / LATERAL	ОН	B673M30A1301	7,500 HRS	6,267 HRS (84%)
MAIN SERVO / COLLECTIVE	ОН	B673M30A1203	7,500 HRS	6,267 HRS (84%)
INTERMEDIATE GEARBOX**	ОН	4639002009	1,500 HRS	120 HRS (8%)
TAIL ROTOR TRANSMISSION**	ОН	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	ОН	23081-072	1,000 HRS	120 HRS (12%)
STARTER GENERATOR #2	ОН	23081-072	1,000 HRS	388 HRS (39%)



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

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	ТВО	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 Inspect			

Cycle/HRS Limit	Cycle/HRS Remaining
10,000 CYC	3,200 CYC (32%)
12,000 / 7,200	5,200 CYC / 4,557 HRS (43%)
10,000 CYC	6,555 CYC (66%)
12,000 / 6,000	5,017 CYC / 1,026 HRS (17%)
10,000 CYC	6,555 CYC (66%)
10,000 / 6,000	6,555 CYC / 3,357 HR (56%)
14,000 CYC	10,555 CYC (76%)
14,000 CYC	10,555 CYC (76%)
10,000 CYC	6,555 CYC (66%)
	10,000 CYC 12,000 / 7,200 10,000 CYC 12,000 / 6,000 10,000 CYC 10,000 / 6,000 14,000 CYC 14,000 CYC

^{*}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.

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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

B.C. dudos	TDO	Time Demoising	Calendar INSP	
Modules	ТВО	Time Remaining	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%)

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