



ADAC Luftrettung gGmbH



# Pre-owned Aircraft for Sale



**BK 117 C2**

**D-HWVS**  
**S/N: 9027**



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ADAC-Luftrettung gGmbH, one of the biggest, and the first EMS operator holding an AOC in accordance with JAR OPS 3 in Germany.

At 54.062 EMS missions last year, we operate 36 stations and a fleet of 52 Helicopters:

- 8 BK 117 B2
- 1 BK 117 C1
- 2 BK 117 C2
- 7 H145 / BK 117 D2
- 34 EC 135

All Helicopter Maintenance is performed by ADAC Luftfahrt Technik GmbH.

We are pleased to offer you a BK 117 C2, Serial Number 9027 for sale.





## Technical Data:

ADAC Rescue Helicopter

Type:	<b>BK 117 C2</b>
Registration:	<b>D-HWVS</b>
Serial Number:	<b>9027</b>
Year of Manufacture:	<b>2003</b>
Total Time Aircraft:	<b>8705:33 hrs (on 10<sup>th</sup> DEC 2017)</b>
Total Landings:	<b>27800</b>
Service Bulletin Status:	<b>high</b>
General Condition	<b>excellent</b>

## Engines:

2 x Turbomeca ARRIEL 1E2

Eng#1/LH:	S/N 18033	<b>TT: 8857:33 FH (on 10<sup>th</sup> DEC 2017)</b>
Eng#2/RH:	S/N 18677	<b>TT: 8712:17 FH (on 10<sup>th</sup> DEC 2017))</b>

## Equipment:

Dual flight controls  
Map case in pilot door, copilot door and on glare shield  
Illuminated chart holders NVG version, on pilot-side and co-pilot side  
Ventilation of avionics compartment  
Battery Type "Saft" 40Ah  
400/200W Landing and Search light  
Search light Spectrolab SX5  
2 portable fire extinguishers  
Additional circuit breaker panel  
Radar Altimeter KRA 405B  
Carls Unit equipped with Tetra 25 +4 meter Band Teledux 9-80  
MEGAHS with 4 x SMD45H NVG  
Automatic Flight Control System AFCS  
Cockpit NVIS Certified  
Fuzz burner for engines  
Engine compressor wash kit



Tinted sun Shades for cockpit windshield roof section  
 Window in Clam shell door L/H  
 Additional electrical interface for mission equipment  
 Settling protectors  
 Snow skids  
 Tail flood lights for tail rotor and clam-shell door  
 Interior comfort improvement kit  
 Height adjustable pilot seat and co-pilot seat  
 Jettisonable doors  
 Vector mast moment system  
 Sliding door fastener

**Avionic Intercom:**

System	Manufacturer	Type	Serial
VHF 1 AM	Chelton	VC401B	30371
VHF 1 AM	Chelton	VC401B	30401
VHF NAV 1	Chelton	VN411B	30371
VHF NAV 2	Chelton	VN411B	30401
TXP	Honeywell	MST67A	1227
Airdata Unit	Thales	ADU3000	498/1148
PFD 1/2	Thales	SMD-45H-NVG	2511/1106
ND 1/2	Thales	SMD-45H-NVG	1089/323
AHRS 1/2	Sagem	AHRU	4883/6060
DME	Chelton	DM441B	30505
Rad. Alt	Honeywell	KRA405B	1763
EPU	JET	PS 835C	80894
GPS	Trimble	TLN 2101	2210006
CVFDR	AHD	AR-602 C	0279
Aufschaltanlagen	Becker	ACU 6100	873/875/904
REU	Becker	REU 6100	00404
WXR	Honeywell	RDR1400	
ELT	Artex	C406-2HM	02349
VHF FM1	AEG	TDX 9-80	78492000359
Tetra Control Unit	Carls	HABE 767M/S	379/277
Iridium S/E	Aerodata	AD-STUI-01	121
Moving Map	EAE Helimap	P0230-02-01	918027/001
Autopilot 1/2	Sagem	APM2001	342/53



**ADAC**

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### **Aerolite EMS Equipment:**

- EMS-Integralfloor Inst.
- Primary Stretcher Kit (incl. 2 stretcher)
- Medical Seat RH (swivelling)/LH
- Stowage Cabinet Inst. (fwd)
- Partition Wall Inst.
- Cylinder Rack Inst. (RH fwd)
- Equipment Rack Aft LH/RH
- Equipment Rack LH window
- Hardpoints Frame 4
- Equipment Rails LH ceiling
- Shelf LH/RH Inst.
- EMS-Service Panel LH Inst.
- Control Panel
- Curtain Kit
- Oxygen Supply System
- Power System
- EMS lighting
- Propaq Encore Retainer
- Air Supply System
- EMS cargo panel including Zarges Box



!! Loose Medical Equipment is not included!



## Remaining Times / Main Components BK117-C2 D-HWVS SN 9027:

Inspections Fuselage		
Inspection Type	Due at	Remaining
12-Month-Inspection	10 <sup>th</sup> Dec 2017	
300 FH-Inspection	8986:32 Fh	281 FH on 10 <sup>th</sup> DEC 2017
600 FH-Inspection	9286:32 Fh	581 FH on 10 <sup>th</sup> DEC 2017

Engines					
Engines	S/N	TT	TBO	Due Date/Time A/C Time	Remaining
ARRIEL 1E2	18033	8857:33			
ARRIEL 1E2	18677	8712:17			
M1 ACC. Gear Box ENG 1	14033		On Condition / 15 Years	15 <sup>th</sup> Jul 2023	(used 63%)
M1 Engine Gear Box ENG 2	14081		On Condition / 15 Years	25 <sup>th</sup> Oct 2032	(used 1%)
M2 Axial Compressor ENG 1	17655		Overh. at 7200 FH	11521:26 FH	2812:58 FH (used 61%)
M2 Axial Compressor ENG 2	14220		Overh. at 7200 FH	13116:00 FH	4411:04 FH (used 39%)
M3 Gas Generator ENG 1	16191		Overh. at 3600 FH	10411:12 FH	1709:11 FH (used 53%)
M3 Gas Generator ENG 2	22571		Overh. at 3600 FH	11521:26 FH	2816:20 FH (used 22%)
M4 Free Turbine Mod. ENG 1	14126		Overh. at 7200 FH	13493:54 FH	4788:21 FH (used 29%)
M4 Free Turbine Mod. ENG 2	21720		Overh. at 7200 FH	12421:13 FH	4050:56 FH (used 33%)
M5 Free Turbine RGB ENG 1	14193		Overh. at 3600 FH	9563:19 FH	858:15 FH (used 76%)
M5 Free Turbine RGB ENG 2	14018		Overh. at 3600 FH	10088:09 FH	1383:09 FH (used 62%)



<b>Main Rotor Blades</b>			
<b>Serial Number</b>	<b>Due</b>	<b>Due at A/C Time</b>	<b>Remaining</b>
343	12000 FH TCI-Change	13529:13 Fh	4824:12 Fh (used 60%)
317	12000 FH TCI-Change	14518:12 Fh	5813:32 Fh (used 52%)
252	12000 FH TCI-Change	15537:23 Fh	6832:30 Fh (used 43%)
234	12000 FH TCI-Change	15785:56 Fh	7080:23 Fh (used 41%)

<b>Tail Rotor Blades</b>			
<b>Serial Number</b>	<b>Due</b>	<b>Due at A/C Time</b>	<b>Remaining</b>
1999	5000 FH TCI-Change	10341:18 Fh	1636:42 Fh (used 67%)
2000	5000 FH TCI-Change	10341:18 Fh	1636:42 Fh (used 67%)

<b>Components</b>				
<b>Part</b>	<b>Serial Number</b>	<b>Due</b>	<b>Due at A/C Time</b>	<b>Remaining</b>
Main Transmission	KA-0933	5000 FH Overhaul	13686:32 Fh	4981:00 Fh (used 1%)
Tailrotor Gear Box	1202	1800 FH Overhaul	9148:45 Fh	443:12 Fh (used 75%)
Starter Generator	P1047	1000 FH Overhaul	9219:08 Fh	513:75 Fh (used 49%)
Starter Generator	P3400	1000 FH Overhaul	9686:32 Fh	11:22 Fh (used 2%)
				Average: 45,7% used



## Documentation:

Flight Manual  
Engine Log books  
Historical records  
List of TCI/TBO components and parts

## Terms of Trade

**Availability** 01<sup>st</sup> of July 2018

**C of A for Export** will be issued by ADAC Luftfahrt Technik GmbH

**Inspection** every time possible in Germany upon request

**Payment** TBD (e.g. with non refundable letter of credit on a German Bank)

**Modifications and Refurbishment** can be performed by ADAC Luftfahrt Technik GmbH on request

**Mechanic training for Maintenance** can be performed by ADAC Luftfahrt Technik GmbH

**Asking Price (EURO):** 3.250.000,- €

*Remark: All amounts listed in this agreement are absolute net amounts and subject to taxes and fees as far as applicable!*

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