



ADAC

ADAC Luftrettung gGmbH

Pre-owned Aircraft for Sale



BK117 C-1

D-HLIR
S/N: 7500

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

No liability assumed

Sales Record D-HLIR, S/N 7500, Dec 2017
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At 54.062 EMS missions last year, we operate 36 stations and a fleet of 52 Helicopters:

3 BK117 B-2
1 BK117 C-1
2 BK117 C-2
10 BK117 D-2
34 EC 135

All Helicopter Maintenance is performed by ADAC Luftfahrt Technik GmbH.

We are pleased to offer you a BK117 C1, Serial Number 7500 for sale.



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Technical Data:

ADAC Rescue Helicopter

Type:	BK117 C-1
Registration:	D-HLIR
Serial Number:	7500
Year of Manufacture:	1992
Total Time Aircraft:	8634:03 hrs. (06th of December 2017)
Total Landings:	46645
Service Bulletin Status:	high
General Condition	excellent

Engines:

2 x Turbomeca ARRIEL 1E2

Eng#1/LH:	S/N 18753	TT: 4430:05 FH (06th of December 2017)
Eng#2/RH:	S/N 18759	TT: 6056:15 FH (06th of December 2017)

Equipment:

Lifting System:

- Hingeless main rotor - "System Bölkow"
- Four FRC rotor blades with anti-erosion strip
- Titanium rotor head
- Main transmission Kawasaki KB03
- Two independent oil cooling and lubricating systems
- Rotor brake system
- Vibration dampers

Tail rotor:

- Two-bladed semi-rigid rotor
- Two FRC twisted rotor blades with anti-erosion strip



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Airframe:

- Two jettisonable hinged cockpit doors with ventilating windows and map cases
- Two jettisonable sliding doors with ventilating windows
- Two hinged clam-shell doors
- Skid type landing gear with skid protectors and standard boarding steps (LH/RH)
- Maintenance steps and grips
- Dual flight controls with dual hydraulic boost system
- Longitudinal and lateral electrical trimming system
- YAW-CSAS
- Stick Position Augmentation System (SPAS)
- Tail boom with fixed horizontal stabilizer and vertical fin
- Tail Skid

Cabin Equipment:

- Longitudinally and height adjustable pilot and copilot seat with head rest, lap belt and adjustable shoulder harness with automatic locking System
- Interior panelling and sound insulation
- Ram-air and electrical ventilating System
- Dome light
- Tie-down rings on cabin floor
- One Utility light in the cockpit
- Portable fire extinguisher
- Electric torch
- First aid kit
- Windscreen wiper, pilot's and co-pilot side
- Map cases on glare shield, LH/RH
- Map cases on center console, LH
- Map cases on center post
- Holder for headsets, LH/RH

Electrical System:

- Two starter/generators (2 x 150 N 28 V DC)
- Nickel-Cadmium battery, VARTA 24 V, 25 Ah, 20 cells
- External and internal power connector
- Dual voltmeter/dual ammeter
- Heated pitot tube and static ports
- Position lights and anti-collision warning light (red flashing)
- Retractable landing light, 450 W
- Fixed landing light
- Adjustable instrument lighting
- AC Inverter (Qty 2)

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Flight Instruments:

- Airspeed indicator (2 Qty)
- Encoding Barometric altimeter ind. in mbar/inch hg
- vertical speed indicator
- 4" artificial horizon
- 3" stand-by artificial horizon
- Gyro magnetic heading System (1 Qty)
- Horizontal Situation indicator
- Magnetic compass
- Ambient air thermometer
- Clock (1 Qty)

Monitoring Instruments:

- Triple tachometer (rotor and two N2)
- Two tachometers for N1
- Two turbine outlet temperature indicators (TOT)
- Dual torque indicator, electrically
- Two engine oil pressure/temperature indicators
- Dual transmission oil pressure indicator
- Transmission oil temperature indicator
- Triple fuel quantity indicator ind. in kg x 10
- Two hydraulic pressure indicators
- Service hour meter

Caution, Warning and Advisory Systems:

- Annunciator panel
- Two master caution lights
- Engine fire control panel
- Mast moment indicator
- Aural warning for rotor/engine RPM
- Engine overspeed failure warning lights

Fixed Provisions for:

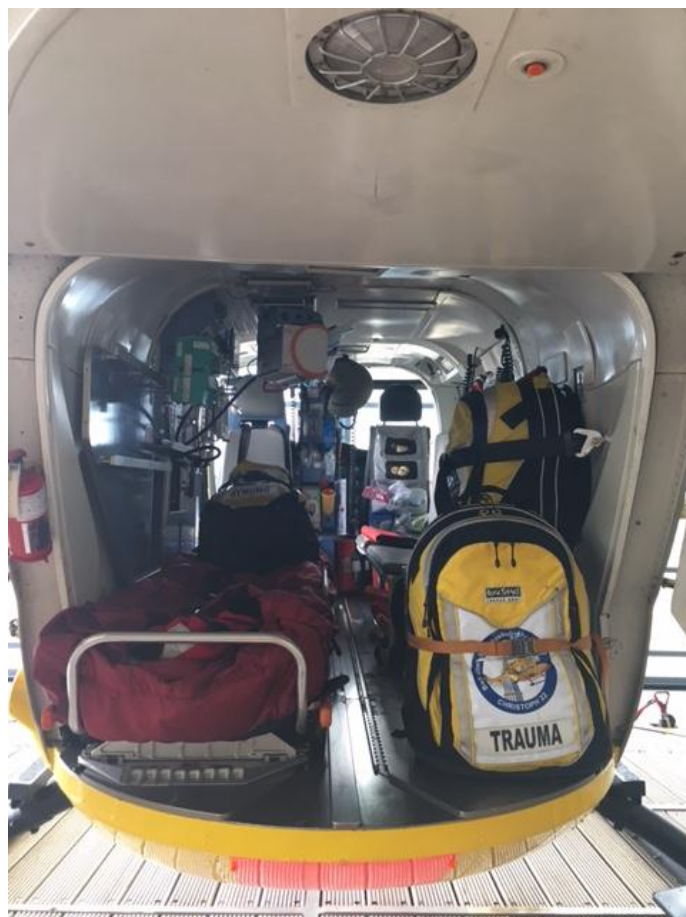
- Blade Folding Kit
- Emergency Floats
- Snow skids
- Settling protectors
- Long range Fuel tank
- Rescue winch
- External Load Hook
- Load Hook Sighting Mirror



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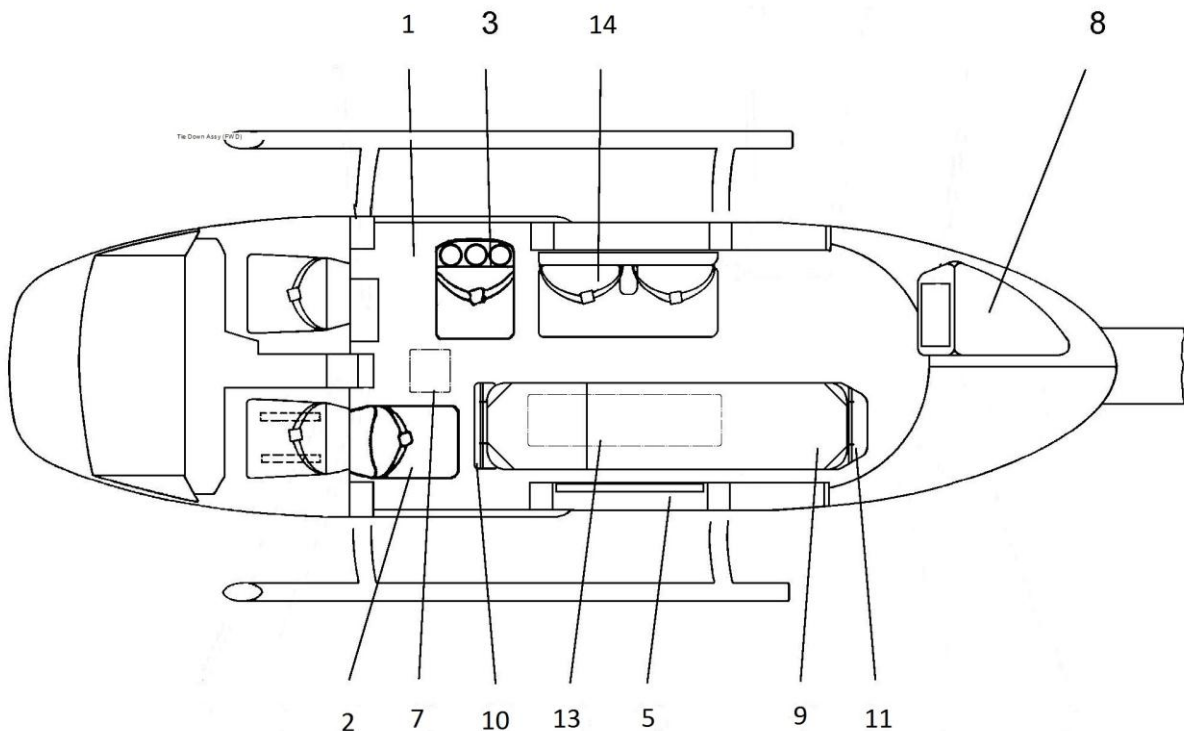
- **Avionic Intercom:**

System	Manufacturer	Type	Serial
VHF 1 AM	Garmin	GNS430	97117077
VHF 1 AM	Garmin	GNS430	97130878
VHF NAV 1	Garmin	GNS430	97117077
VHF NAV 2	Garmin	GNS430	97130878
TXP	Garmin	GTX330	84131355
Airdata Unit	N/A		
PFD 1/2	N/A		
ND 1/2	N/A		
AHRS 1/2	N/A		
DME	Bendix/King	KDM706A	5860
Rad. Alt	Bendix/King	KRA405	4476
EPU	L3/JET	PS835C	10358
GPS	Garmin	GNS430	97117077/97130878
CVFDR	L3	FA2100	000593039
Aufschaltanlagen	Becker	AS3100-12	1101/029/370
REU	N/A		
WXR	N/A		
ELT	Artex	C406-2HM	14624
VHF FM1	Bosch	Teledux 9-80	78492000360
Tetra Control Unit	Carls	HBE767M	387
Iridium S/E	Aerodata	AD-STUI	314
Moving Map	EAE	Helimap	915243/019
Autopilot 1/2	N/A		



**Bucher AC40 EMS Equipment:**

1. EMS-Integralfloor Inst	P/N 126050
2. Doctor Seat (LH FWD)	P/N 121102
3. Med. Attendant Seat with Oxyrack	P/N 121104-300
4. O2 / PA System	P/N 121121
5. Medical Equipment Wall	P/N 126135
6. Power Supply DC	P/N 121117
7. Cabin Lighting System	P/N 121119
8. Rear Stowage Box	P/N 121124
9. Stretcher Model 12-2	P/N 120300
10. Tie Down Assy (FWD)	P/N 121152
11. Tie Down Assy (AFT)	P/N 121110
12. Litter Bag Assy	P/N 121186
13. Overhead Panel	P/N 121118-200
14. Seat Bench Assy	P/N 121106



!! Loose Medical Equipment are not included!



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Remaining Times / Main Components BK117 C-1 D-HLIR SN 7500:

Inspections Fuselage		
Inspection Type	Due at	Remaining
12-Month-Inspection	26 th Sep 2018	
300 FH-Inspection	8884:36 FH	250:33 FH
600 FH-Inspection	9184:36FH	550:33 FH

Engines					
Modules	S/N	TT	TBO	Due Date / Time	Remaining
ARRIEL 1E2	18753	4430:05			
ARRIEL 1E2	18759	6056:15			
M1 Acc Gear Box ENG 1	14353		On Codition / 15 Years	16 th Jan 2021	(used 79%)
M1 Acc Gear Box ENG 2	14359		On Codition / 15 Years	23 th Oct 2020	(used 81%)
M2 Axial Compressor ENG 1	15347		Overh. at 7200 FH	11403:58 FH	2769:55 FH (used 62%)
M2 Axial Compressor ENG 2	15345		Overh. at 7200 FH	9777:48 FH	1143:45 FH (used 84%)
M3 Gas Generator ENG 1	22535		Overh. at 3600 FH	11114:41 FH	2480:38 FH (used 31%)
M3 Gas Generator ENG 2	22941		Overh. at 3600 FH	9171:25 FH	537:22 FH (used 85%)
M4 Free Turbine Mod. ENG 1	14116		Overh. at 7200 FH	13219:15 FH	4585:12 FH (used 36%)
M4 Free Turbine Mod. ENG 2	14329		Overh. at 7200 FH	10199:31 FH	1565:28 FH (used 78%)
M5 Free Turbine RGB ENG 1	14329		Overh. at 3600 FH	10298:07 FH	1664:04 FH (used 54%)
M5 Free Turbine RGB ENG 2	14359		Overh. at 3600 FH	9450:14 FH	816:11 FH (used 77%)



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Components				
Part	Serial Number	Due	Due at	Remaining
Main Transmission	KA-0388	5000 FH Overhaul	9593:39 FH	959:36 FH (used 81%)
Intermediate Gearbox	410	3600 FH Overhaul	11416:15 FH	2782:12 FH (used 23%)
Tailrotor Gear Box	652	3600 FH Overhaul	10540:52 FH	1906:49 FH (used 47%)
Starter Generator	P3857	1000 FH Overhaul	9553:32 FH	919:29 FH (used 8%)
Starter Generator	Y20290	1000 FH Overhaul	9584:36 FH	950:33 FH (used 5%)
				Average: 55,4% used

Main and Tail Rotor Blades on Condition!

Documentation:

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

Terms of Trade:

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| Availability | Earliest in Mid-December 2017 |
| C of A for Export | will be issued by ADAC Luftrettung gGmbH |
| Visit of examination | 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): | 1.300.000,-€ |

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