



WYTWÓRNIA SPRZĘTU KOMUNIKACYJNEGO
„PZL-ŚWIDNIK”

**LIST
OF SERVICE LETTERS
AND BULLETINS**

FOR

PZL W-3A HELICOPTERS

**OPERATED
IN CZECH MILITARY AVIATION**

Doc. No. WB-3CZ

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LIST OF SERVICE LETTERS

Item	Service Letter No.	Subject	Effectivity	Date of approved	Revision number and its approval date	Language version
1.	OEŚ/15/01	Replacement of flight controls brackets and main rotor hub feathering hinge housing.	All helicopters	06.03.2001		P
2.	LS-002/2011	One-time visual inspection of WR-3 Main Transmission.	All W-3, W-3WA, PZL W-3A, PZL W-3AS model helicopters	25.03.2011		P, E
3.	LS-138/2018	Checking Heating System Installation on Roof Structure, P/N 37.86.400.00.02 to Air Fittings P/N 19.11.2053 mounted on Compressor Rear Cases P/N 19.11.2090 of engines installed on helicopter.	PZL W-3A Helicopters S/N 37.07.09, 37.07.11 thru 37.07.19	16.07.2018		P, E
4.	LS-147/2018	Acceptance of Set No. 425 of Main Rotor Blades P/N 30.29.000.00.03 for service.	Set No. 425 of Main Rotor Blades	11.09.2018		P, E
5.	LS-154/2018	Accepting Heated Windshields with resistance of heating layer reduced to 15.7 [Ω] for service.	All helicopters	21.12.2018		P, E
6.	LS-173/2019	Inspection of Main Rotor Blades before Installation on Helicopter.	Main Rotor Blades to be installed on the PZL W-3A Helicopters S/N 37.07.09,37.07.11, 37.07.12,37.07.13, 37.07.14,37.07.15, 37.07.16,37.07.17, 37.07.18, 37.07.19	14.06.2019		P, E
7.	LS-176/2019	Inspection of L45 Loom for Condition and Security.	All helicopters	13.12.2019		P, E
8.	LS-185/2019	Extending Replacement Interval of Bolts P/N 3003A-8-28-4 that secure Bracket P/N 39.30.213.00.00 to Roof Structure as compared to the requirement of Bulletin BO-37-19-296.	All helicopters with hoist or only provisions for hoist installation	03.12.2019		P, E
9.	LS-188/2020	Hoist Support P/N 39.30.210.00.02	All helicopters	18.02.2020		P, E
10.	LS-193/2020	Introduction of Alternative Operation of the SX-16 Searchlight Gimbal Arms P/N 019059 and P/N 022955.	All Gimbal Arms P/N 019059 and P/N 022955	10.03.2020		P, E
11.	LS-203/2020	Checking Condition of Engine Cowling Cables P/N 30.15.560.00.(00/01/02) and P/N 30.15.565.00.(00/01/02).	All helicopters	16.06.2020		P, E

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Item	Bulletin No.	Subject	Effectivity	Date of approved	Revision number and its approval date	Language version
1.	K-30-97-1 Mandatory	Replacement of placards P/N 37.73.730.07.00 and 36.74.281.01.05 as well as trans-illuminated panel No.11 of caution/advisory lights L100-500-00, drawing No. 37.73.531.00.00.	All helicopters	09.01.1997		P, E
2.	K-30-97-2 Mandatory	KA33 fan installation	All helicopters	24.03.1997		P, E
3.	K-30-97-3 Mandatory	1. EFIS cooling system installation. 2. Improvement of KAC 952 bonding jumpers connection. 3. Revision to Wiring diagrams.	All helicopters	12.08.1997		P, E
4.	E-30-97-4 Mandatory	Single check of the bearings Drwg. No. 30.39.731.00.01 incorporated in the rotor.	The tail rotors 37.39.000.00.00 specified in the present bulletin and the push-pull roads units being stored by the Service Centre in Czech Republic.	11.07.1997		P, E
5.	K-30-97-5 Mandatory	A. Replacement of the placard 37.73.450.03.00 by the placard 37.73.450.03.01 on the instrument panel. B. Replacement of the illuminated placard 37.73.780.02.00 by the illuminated placard 37.73.782.00.00 on the central console.	All helicopters	22.09.1997		P, E
6.	K-30-97-6 Mandatory	A. Protection against instable operation conditions of the contactor incorporated in unit 38 in the external supply system. B. Elimination of distortion of the intercom used by the operators. C. Electric diagram file revisions.	All helicopters	22.09.1997		P, E
7.	K-30-97-7 Mandatory	Single inspection and improvement of the tail boom frame No. 38 in the area of the stabilizer brackets fixing bolts.	All helicopters	16.12.1997		P, E
8.	E-30-98-8	Maintenance Manual updating Doc. No. AE-30.04.20.1 MM.	All helicopters	23.06.1998		P, E
9.	K-30-98-9/1 Mandatory	PZL-10W engine fuel control, improvement of operation.	Helicopters S/N. 37.07.09÷37.07.15	29.09.1998		P, E
10.	E-30-98-10	Flutter check procedure for MR blades.	All helicopters	09.10.1998		P, E
11.	K-30-98-11 Mandatory	A. ICS operation improvement. B. Electrical diagrams revision.	All helicopters	13.02.1998		P, E

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Item	Bulletin No.	Subject	Effectivity	Date of approved	Revision number and its approval date	Language version
12.	K-30-98-12	Replacement of tail rotor blade de-icing system looms.	All helicopters	29.09.1998		P, E
13.	E-30-98-13	Not issued.				
14.	E-30-98-14	Up-dating of W-3A helicopter documentation: - Maintenance Manual, Doc. No. AE-30.04.20.1 MM; - Flight Manual, Doc. No. AE-30.04.20.1 PRFM.	All helicopters	09.02.1999		P, E
15.	E-30-98-15 Mandatory	Correction of marking on the 9036-3124 or 0212-013 type indicator scales.	All helicopters	09.02.1999		P, E
16.	K-30-99-16 Mandatory	Replacement of the main rotor blade heating system looms into looms without metal plait.	All helicopters	09.02.1999		P, E
17.	K-30-99-17 Mandatory	Installation of hydraulic tubing brackets.	All helicopters	10.03.1999		P, E
18.	E-30-99-18 Mandatory	Single inspection of nuts and bolts for technical condition and replacement.	All helicopters	18.02.1999		P, E
19.	K-30-99-19 Mandatory	Correction of inscriptions on the B8 loom identification plates.	All helicopters	19.06.1999		P, E
20.	I-30-99-20 Accomplishment process suspended by Bulletin K-30-07-65	Modification of the left engine cowling 30.15.510.00.11 in order to enable installation of the EMT 223 engine emergency shutdown valves provided with straight connectors.	All helicopters	19.06.1999		P, E
21.	I-30-99-21	Installation of the rear position light 2LA 004 492-00 in place of the light A555A.	All helicopters	21.10.1999		P, E
22.	I-30-99-22	Modification of leading edge erosion strips on main rotor blades, dwg. No. 30.39.000.00.03.	Main rotor blades (set No. 141)	01.07.1999		P, E
23.	I-30-99-23	Modification of the windshield heating electrical system.	All helicopters	07.07.1999		P, E
24.	E-30-99-24 Mandatory	One-time inspection of main landing gear energy absorbers P/N 30.41.100.00.02.	All helicopters	23.09.1999		P, E
25.	E-30-99-25 Mandatory	Non-recurring check of the main landing gear bolts 37.41.220.00.10 and 37.41.220.00.20 for technical condition.	All helicopters	21.10.1999		P, E
26.	E-30-99-26	Updating of Maintenance Manual, Doc. No. AE-30.04.20.1 MM.	All helicopters	23.09.1999		P, E
27.	I-30-99-27	Installation of anchor nuts securing the bracket of FASTRAK unit for tracking the main rotor blades in the CHADWICK-HELMUTH system.	All helicopters	04.11.1999		P, E

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Item	Bulletin No.	Subject	Effectivity	Date of approved	Revision number and its approval date	Language version
28.	E-30-99-28	Extension of time between the main rotor blade flutter tests, dwg. No. 30.29.000.00.03.	All helicopters	30.11.1999	Revision 1 28.03.2002	P, E
29.	I-30-00-29	Installation of ID-240 pressure transducer casing in external cargo suspension assy.	All helicopters	22.03.2000		P, E
30.	E-30-00-30 Mandatory	One-time inspection of brackets attaching main landing gear shock absorbers to the fuselage.	All helicopters	02.02.2000		P, E
31.	E-30-00-31	1. Installation of medevac version equipment and ERNE equipment. 2. Operational documentation update.	All helicopters	20.12.2000		P, E
32.	E-30-00-32 Mandatory	Non-recurring inspection of rear shaft bearings and main rotor brake bearings.	All helicopters with minimum operating time of 900 hrs	17.07.2000	Revision 1 07.11.2003	P, E
33.	E-30-00-33 Cancelled with bulletin E-30-01-36	Changes in airworthiness limitation of flexible hoses.	All helicopters	21.06.2000		P, E
34.	K-30-00-34 Mandatory	Re-identification of wires in the loom L22.	All helicopters	15.09.2000		P, E
35.	K-30-00-35 Mandatory	Sealing of connector type 2RMDT45KPN50G8W1 in loom No. Z33.	All helicopters	05.10.2000		P, E
36.	E-30-01-36 Cancelled with bulletin E-30-11-81	Interchangeability and service life of flexible hoses.	All helicopters	06.02.2001	Revision 2 12.05.2006	P, E
37.	E-30-01-37 Mandatory	Sealing of PPS-21 fuel gauge access panels. One-time inspection of flange assy, P/N 30.61.111.00.00.	All helicopters	14.02.2001		P, E
38.	K-30-01-38 Mandatory	Modification of main landing gear wheel hub attachment.	All helicopters	12.02.2001		P, E
39.	E-30-01-39 Mandatory	Non-recurring check of oil level in lag hinges of main rotor hub.	All helicopters	18.09.2001		P, E
40.	K-30-01-40	Installation of PZL-10W engine compressor washing system.	All helicopters	25.10.2001		P, E
41.	I-30-01-41	Application of cotter pin equivalents	All helicopters	12.12.2001		P, E
42.	E-30-01-42	Updating of W-3A helicopter Flight Manual, Doc. No. AE-30.04.20.1 PRFM.	All helicopters	11.02.2002		P, E
43.	K-30-02-43	MW3 torque meter installation, replacing UPM-100M torque meter.	All helicopters	07.02.2002		P, E
44.	K-30-02-44	Installation of tube 30.62.509.00.04 in WR-3 gearbox oil system.	All helicopters	11.03.2002		P, E

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45.	K-30-02-45 Mandatory	Securing the seal fitting in lubricating sleeve 30.39.900.00.00 and modification of tail rotor push rod connections.	Tail rotors dwg 37.39.000.00.00 up to S/N: - 09.002 – as regards securing the seal fitting; -09.018 (except for 08.009) -as regards modification of push rod connections.	17.04.2003		P, E
46.	E-30-02-46	Updating of W-3A helicopter Maintenance Manual, Doc. No. AE-30.04.20.1 MM.	All helicopters	21.10.2002		P, E
47.	E-30-02-47 Mandatory	Non-recurring inspection of engine mounting struts.	All helicopters	27.08.2002		P, E
48.	K-30-03-48	1. Modification of contour light AC power supply system into the DC one. 2. Updating of Wiring Diagrams.	All helicopters	11.02.2003		P, E
49.	E-30-03-49	Updating the Maintenance Manual, Doc. No. AE-30.04.20.1 MM.	All helicopters	25.03.2003		P, E
50.	E-30-03-50	Updating the W-3A helicopter Flight Manual, Doc. No. AE-30.04.20.1 PRFM.	All helicopters	27.03.2003		P, E
51.	E-30-04-51	Updating the operational documentation: 1. Maintenance Manual, Doc. No. AE-30.04.20.1 MM; 2. Flight Manual, Doc. No. AE-30.04.20.1 PRFM; 3. Wiring manual.	All helicopters	08.04.2004		P, E
52.	K-30-04-52	1. Installation of continuous in-flight fuel ignition system. 2. Updating the Wiring Diagrams.	All helicopters	27.04.2004		P, E
53.	K-30-04-53	Installation of SX-16 searchlight on fuselage starboard.	All helicopters	28.12.2004	Revision 2 10.10.2005	P, E
54.	K-30-04-54	Installation of electrical system of the 76378 hoist.	All helicopters	28.12.2004		P, E
55.	K-30-04-55	1. Installation of BAMBİ BUCKET electrical system. 2. Installation of fuel drain valve protection.	All helicopters	28.01.2005		P, E
56.	K-30-05-56	Quality improvement of electrical connections to engine oil pressure transducers.	Helicopters as mentioned in this bulletin	28.02.2005		P, E

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57.	E-30-05-57	1. Updating the Flight Manual, Doc. No. AE-30.04.20.1 PRFM. 2. Updating the Maintenance Manual, Doc. No. AE-30.04.20.1 MM.	All helicopters	13.05.2008		P, E
58.	K-30-05-58 Mandatory	Changes in data recording on the BUR-1-2 flight data recorder.	Helicopters as mentioned in this bulletin	27.07.2005	Revision 1 02.07.2007	P, E
59.	E-30-06-59	Increase of calendar operation time for main rotor blades, tail rotor blades and horizontal stabilizers.	All helicopters	22.08.2006	Revision 1 23.10.2006	P, E
60.	K-30-06-60	1. Installation of BARCO Digital Moving Map. 2. Updating the description and operational documentation.	All helicopters	20.09.2006		P, E
61.	E-30-07-61 Mandatory	Modification of pressure line in hydraulic system 1 and 2 in the section between hydraulic blocks and ground hydraulic unit panel.	All helicopters	01.02.2007		P, E
62.	E-30-07-62 Mandatory	Maintenance check of thrust bearings in axial hinges of main rotor hubs.	All helicopters	02.03.2007		P, E
63.	E-30-07-63 Mandatory	Technical survey of tail rotor hub feathering hinges with the replacement of the tension members 30.39.321.00.07.	Tail rotors 37.39.000.00.00	10.05.2007		P, E
64.	K-30-07-64	1. Installation of check valves in the ground pressure line of hydraulic system 1 and 2 subsystems. 2. Operation specification update.	All helicopters	03.07.2007		P, E
65.	K-30-07-65 Mandatory	1. Modification of engine LH cowling 30.15.510.00.12 to increase clearance between cowling rib and the ALRP-5 governor pump components. 2. Suspension of bulletin I-30-99-20 accomplishment process.	All helicopters	20.08.2007		P, E
66.	E-30-08-66 Mandatory	Non-recurring inspection of hydraulic assemblies attachment truss 37.59.320.00.00 for cracks and security of its mounting to the base.	All helicopters	22.04.2008		P, E
67.	K-30-08-67	Not issued.				

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68.	K-30-08-68	1. Installation of start-up controller ALR-1 in place of switching box KPR-19. 2. Wiring Diagrams update.	All helicopters	18.06.2008		P, E
69.	K-30-08-69	1. Main transmission r.p.m. record track and frequency divider, modification of. 2. Wiring Diagrams, update of.	All helicopters	01.08.2008		P, E
70.	K-30-08-70	Not issued.				
71.	E-30-08-71	Updating the Maintenance Manual, Doc. No. AE 30.04.20.1 MM.	All helicopters	29.08.2008		P, E
72.	E-30-08-72	Single inspection of RLH-9-030 four-way piece of electrovalves block for technical condition and for correct installation of pipe 37.59.311.00.00 in drain line of hydraulic system 2.	All helicopters	13.10.2008		P, E
73.	E-30-09-73	Main rotor blade attachment point one-time check.	Attachment points 30.29.000.20.04, S/N: from 08.055 to 08.074 and 09.196, 09.204 and 09.206 of main rotor blades of W-3A helicopters.	27.04.2009		P, E
74.	K-30-09-74	1. Installation of ALRT-2E backup electronic control units for PZL-10W engines. 2. Updating the operational documentation.	W-3A helicopters: - as regards installation – in accordance with the order; - as regards documentation updating – all.	10.12.2009		P, E
75.	E-30-09-75 Mandatory	1. Heating and ventilation system to roof panel attachment brackets, check for technical condition of. 2. Maintenance Manual, update of.	All helicopters	01.03.2010		P, E
76.	K-30-09-76 Mandatory	1. Protection against rotation of GT40PCz8B generator air outlet collector. 2. Updating the Maintenance Manual.	All helicopters	20.11.2009		P, E
77.	E-30-09-77	Updating Maintenance Manual, Doc. No. AE 30.04.20.1 MM.	All helicopters	19.01.2010		P, E

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78.	E-30-10-78	Updating Maintenance Manual, Doc. No. AE 30.04.20.1 MM.	All helicopters	02.03.2010		P, E
79.	K-30-10-79	Modification of emergency cargo release from cargo suspension hook.	All helicopters	08.03.2010		P, E
80.	K-30-10-80	1. Installation of main rotor blade droop stops. 2. Updating Rotorcraft Flight Manual, Doc. No. AE-30.04.20.1 PRFM.	All helicopters	08.03.2010		P, E
81.	E-30-11-81	Updating Maintenance Manual, Doc. No. AE 30.04.20.1 MM.	All helicopters	03.06.2011		P, E
82.	E-30-11-82	1. Installation of GTX 330D Transponder and ELT C406-2 HM. 2. Updating rotorcraft manuals.	All helicopters	19.05.2011		P, E
83.	BO-30-13-83/CZ Mandatory	One-time inspection of tail rotor pylon plate for cutout ensuring required clearance for tail rotor control cables.	PZL W-3A Helicopters (from S/N 37.07.09 to 37.07.19)	10.10.2013		P, E
84.	BO-37-14-84/CZ Mandatory	Inspection of main landing gear leg bolt P/N 37.41.010.01.00.	All helicopters	07.11.2014	Revision 1 19.11.2018	P, E
85.	BK,E-37-14-85/CZ	Upgrading medical equipment.	As agreed in Purchase Order	28.11.2014	Revision 1 15.12.2016	P, E
86.	BE-37-14-86/CZ	Introducing new Flight Manual.	All helicopters	28.11.2014	Revision 1 31.03.2015	P, E
87.	BE-37-14-87/CZ	Updating Maintenance Manual, Doc. No. AE 30.04.20.1 MM.	All helicopters	28.11.2014		P, E
88.	BK,E-37-15-88/CZ	Installation of oxygen cylinders.	Helicopters S/N 37.07.14 and 37.07.16	15.01.2015		P, E
89.	BK-37-17-89/CZ	Verification and repair of MR blades P/N 30.29.000.00.03 made with use of Gumosil sealant.	As per Purchase Order	04.12.2017		P, E
90.	BK,E-37-18-90/CZ	1. Modification of radio equipment. 2. Updating helicopter manuals.	As agreed in Purchase Order	19.11.2018	Revision 1 25.09.2019	P, E
91.	BK-37-18-91/CZ	Replacement of APX-100(V) Transponder antennas.	As agreed in Purchase Order	19.11.2018		P, E
92.	BK-37-18-92/CZ	Rework of MARS-BM CVR on-off annunciation system.	As agreed in Purchase Order	19.11.2018		P, E

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Item	Bulletin No.	Subject	Effectivity	Date of approved	Revision number and its approval date	Language version
93.	BO-37-18-93/CZ	Replacement of main rotor mast P/N 64.21.0013 in the WR-3 main transmission.	Helicopter S/N 37.07.14	06.03.2019		P, E
94.	SB-37-19-94/CZ	Updating helicopter manuals.	All helicopters	23.10.2019		P, E
95.	SB-37-19-95/CZ	1.Installation of Enhanced Vision System (EVS) on helicopter. 2.Updating helicopter manuals.	Helicopters S/N 37.07.14; 37.07.15; 37.07.16; 37.07.17; 37.07.18; 37.07.19	17.01.2020		P, E
96.	SB-37-20-96/CZ	Helicopter modification for installation of fire extinguisher bottle assy P/N 37.66.201.00.02.	Helicopters S/N 37.07.09, 37.07.11, 37.07.12, 37.07.13, 37.07.14, 37.07.15, 37.07.16, 37.07.17, 37.07.18, 37.07.19	11.05.2020		P, E
97.	SB-37-20-97/CZ	Updating helicopter manuals.	All helicopters	25.06.2020		P, E