



WYTWÓRNIA SPRZĘTU KOMUNIKACYJNEGO
„PZL-ŚWIDNIK”

**LIST
OF SERVICE NOTES
AND BULLETINS**

FOR

W-3 HELICOPTERS

**OPERATED
IN AVIATION OF MYANMAR**

Doc. No. WB-3MM

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LIST OF SERVICE NOTES

Item	Service Notes No.	Subject	Effectivity	Date of approval	Revision number and its approval date	Language version
1.	NE-30483	Drilling a hole in shaft P/N 30.27.001.00.01.	The shafts in helicopters, S/Nos. 03.16, 03.22, 03.23, 04.01÷03	20.12.1990		P, E
2.	NE-31405	3405A-6-22 washers to be replaced by 30.28.010.03.00 semirings for main rotor brake installed on W-3 helicopter.	Helicopters S/N: 03.16, 03.22, 03.23, 04.01÷07, 04.09, 04.10	11.02.1991		P, E
3.	NE-31408	Replacement of plug 30.59.141.00.00 by 30.59.141.00.01	Helicopters S/N: 03.16, 03.22, 03.23, 04.01÷03	14.02.1991		P, E
4.	NE-31910	Replacement of PPS-2 fuel gauge with PPS-21 fuel gauge.	Helicopters up to S/N 30.04.10	08.04.1991		P, E R
5.	NE-31914	Single check of MSL-3M light connector for connection.	All helicopters	18.04.1991		P, E R
6.	NE-31424	The extension of TBO life for the assemblies installed on PZL W-3 helicopter	Helicopters S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	02.10.1991		P, E
7.	NE-31930	Installing the limiters of the main undercarriage wheel disk brake.	Helicopters up to S/N 30.04.10	29.11.1991		P, E R
8.	NE-32902	Installing the ventilators, CE 120160 in side window panes.	All helicopters – as required	24.01.1992		P, E
9.	NE-32404	Attitude indicators allowed to operating up to 1000 hours according to technical condition.	AG-77-15 and AGR-74-15 s2 attitude indicators installed on helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	04.02.1992		P, E
10.	NE-32906	W-3 helicopter tail gearbox attachment inspection.	All helicopters in operation after 750 ^{±50} flight hours.	12.02.1992		P, E
11.	NE-32908	Cancel of limitation for the lever, drawing No. 30.21.400.00.07.	All helicopters	27.05.1992		P, E R
12.	NE-32911	Replacement of bracket No. 30.13.400.08.01.	Helicopters being operated after 1000 flight hours	15.04.1992		P, E R
13.	NE-32914	Implementation of the SW-532 special joint for attachment of the BAMBI BUCKET for fire fighting on W-3 helicopters.	All helicopters in cargo transport version equipped with external cargo sling	20.05.1992		P, E R

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14.	NE-32919	Replacing the connecting bolts of the tail gear box with the bracket of the tail boom.	All helicopters up to S/N 30.04.13	30.06.1992		P, E R
15.	NE-32922	Revisions of the DLW-2 bases for the ALAE-2 unit - old version.	All helicopters	05.08.1992		P, E R
16.	NE-32423	Special repair of the main rotor blade.	Main rotor blade S/N 30.004.048 for helicopter S/N 33.04.07	03.09.1992		P
17.	NE-32928	Single inspection of the W-3 helicopter main rotor blades.	All blades in operation	04.09.1992		P, E R
18.	NE-32931	Increase of service life to 500 hrs for the vibration damper, Drwg. No. 30.23.000.00.04.	All helicopters equipped with vibration absorbers 30.23.000.00.04	10.09.1992		P, E R
19.	NE-32932	Increase of service life to 750 hrs for the vibration damper, Drwg. No. 30.23.000.00.03.	All helicopters equipped with vibration absorbers 30.23.000.00.03	22.09.1992		P, E R
20.	NE-33912	Inspection of the 31.97.081.00.00 holdfast of 31.97.080.00.00 cargo sling.	Helicopters S/N's: 31.03.23, 31.04.01÷05 equipped with 31.97.080.00.00 cargo sling	12.05.1993		P
21.	NE-33416	Improvement of sealing of openings in flange for PPS-21 fuel gauge probes.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	11.05.1993		P
22.	NE-33418	TBO extension from 500 to 1000 operating hours for ALAE-2 units.	ALAE-2 units with S/N: PB109001, PB129002, PB119001, PB129003, PB019101 installed on W-3 helicopter	29.07.1993		P, E
23.	NE-33420	Application of PTS equivalents in EAPS system.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	02.07.1993		P, E
24.	NE-33420/1	Equivalent PTS joints to be installed in EAPS system.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	22.12.1993		P, E

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25.	NE-33426	Installation of the Air Filter – Drwg. No. 30.08.15.98.00.0.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	18.08.1993		P, E
26.	NE-33437	Additional fixing means of spraying nozzle 30.66.070.00.00 in fire protection system of RH engine.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	04.11.1993		P, E
27.	NE-33440	A. Single inspection of the stabilizer for technical condition. B. Reinforcement of the stabilizer spar 30.13.600.00.03. C. Overhaul an replacement of the stabilizer attachment points.	Helicopters up to S/N 33.04.10	20.12.1993		P, E
28.	NE-33441	TBO upgrading up to 1500 flight hours roller vibration dampers Drwg. Nos. 30.23.000.00.03 and 30.23.000.00.04.	Vibration dampers shown in Drwg. No. 30.23.000.00.03 or 30.23.000.00.04 installed on helicopters with S/N including 33.04.10	29.12.1993		P, E
29.	NE-33442	Increasing ALAE-2 engine limiters service life up to 1000 flight hours.	ALAE-2 engine limiters S/N: PB019102, PB069102, PB069103, PB039208, PB039209, PB069201T, PB069202T	27.12.1993		P, E
30.	NE-34401	Installation of “Tropic” pilots seats.	Helicopters S/N 33.04.09, 33.04.10	26.01.1994		P, E
31.	NE-34402	Air conditioning system (ECU) modifications acc. to Drwg. No. 33.87.000.00.01.	Helicopters S/N 33.04.09, 33.04.10	08.03.1994		P, E
32.	NE-34403	Main rotor hub service life determining.	Main rotor hubs 30.21.300.00.05 of S/N 05014 and 05015 supplied separately	19.02.1994		P, E

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33.	NE-34422	Extension of TBO for engine limiters, ALAE-2 PB series.	ALAE-2 engine limiters installed on helicopters S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	26.05.1994		P, E
34.	NE-34423	Maintenance Manual updating.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	01.06.1994		P, E
35.	NE-34436	Filling the holes for balancing in the tail rotor blades.	Tail rotor blades, Set No.: 101, 102, 104, 105	14.07.1994		P, E
36.	NE-34437	The single inspection of the push-rods of tail rotor blades.	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	08.08.1994		P, E
37.	NE-34440	The single inspection of the BLH-3 hydraulic block mount (Drwg. No. 30.28.040.00.00).	Helicopters, S/N: 33.03.16, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	09.08.1994		P, E
38.	NE-34447	Corrective modification of electrical connections with ALAE-2 series PB units.	Helicopters up to S/N 33.04.10	27.09.1994		P, E
39.	NE-34451/1	Single inspection of tail rotors.	Helicopters, S/N: 33.03.16, 33.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	15.11.1994		P, E
40.	NE-35401	Removal of fence, P/N 30.15.640.00.00.	Helicopters, S/N: 33.03.16, 33.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	08.02.1995		P, E
41.	NE-35404	Single inspection of bracket, P/N 30.55.165.00.00 included to collective pitch control console assy.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	20.03.1995		P, E

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42.	NE-35405	Single determination of angles of setting for MR blade trim tabs and completion of applicable records in MR blade Log Cards.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	03.04.1995		P, E
43.	NE-35410	Checking the cover plates bonded to the erosion straps of the W-3 helicopter blade leading edges.	Tail rotor blades, 30.29.000.00.03, Set No.: 77, 96, 99, 101, 106, 108, 109	06.06.1995		P, E
44.	NE-35414	Inspection of technical conditions of tail rotor blades pus-rods bearings.	All helicopters	23.06.1995		P, E
45.	NE-35416	Remedy in case of break-away of the laminate overlap covering metal strap on the MR blades, Drwg. 30.29.000.00.03.	All MR blades	06.07.1995		P, E
46.	NE-35420	Modification of main rotor blades, Drwg. No. 30.29.000.00.03 with reinforcing straps bonded to leading edge erosion strips.	MR blades, Sets Nos. 77, 96, 99, 101, 106, 108, 109	04.09.1995		P, E
47.	NE-36404	Installation of the modified brackets for fixing the anti-icing system loom on tail rotor.	Tail rotors, P/Nos. 30.39.000.00.07 and 08, up to S/N 06.031 inclusive	12.02.1996		P, E
48.	NE-36409	Installation of modified stops of the main landing gear wheel brake disc movement.	Helicopters up to S/N 33.04.10	03.04.1996		P, E
49.	NE-36410	Relocation of TRCu-150P temperature transducers from engine air inlet covers to fan inlet.	Helicopters up to S/N 33.04.10	04.04.1996		P, E
50.	NE-36412	Repair of the edge of attack on the MR blades.	MR blades acc. to Drwg. No. 30.29.000.00.03	05.04.1996		P, E
51.	NE-36417	Correction of the torque for tightening the nuts used for attachment of the loom brackets on the tail boom.	Helicopters with tail rotors, on witch the Service Note NE-36404 was be implemented	14.06.1996		P, E
52.	NE-36419	Supplement to the NE-36412 concerning repair of the main rotor blade edge of attack.	MR blades acc. to Drwg. No. 30.29.000.00.03	10.07.1996		P, E
53.	NE-36421	Functional improvement of the PZL-10W engines fuel control system.	All helicopters	12.08.1996		P, E

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54.	NE-37408	Additional connectors replacement to sensors CRL-3/3 near PZL-10W engines after the repair. (the supplement of the NE-36421 Service Note)	All helicopters	18.08.1997		P
55.	NE-37413	Updating the Instruction for Continued Airworthiness Maintenance Manual.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	20.10.1997		P, E
56.	NE-37414	Single inspection and improvement of the tail boom frame No. 38 in the area of the stabilizer brackets fixing bolts.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	16.12.1997		P, E
57.	NE-38407	The use of tail rotors with pitch links P/N 30.39.700.00.06 or 30.39.700.00.07.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	03.08.1998		P, E
58.	NE-38408	Correction of B8 group of wires identification labels at the inputs to BE-9G electronic units from the vibration monitoring system assy.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	08.09.1998		P, E
59.	NE-38411	Replacement of tail rotor blade de-icing system looms.	All helicopters	21.09.1998		P, E
60.	NE-38414	Non-recurring of the stabilizer technical condition.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	07.09.1998		P, E
61.	NE-39401	Modification of left engine cowling 30.15.510.00.11 in order to enable installation of the EMT223 engine emergency shutdown valves provided with straight connectors.	Helicopters, S/N: 33.03.16, 36.03.17, 33.03.22, 31.03.23, 31.04.01÷05, 33.04.06, 33.04.07, 33.04.09, 33.04.10	31.05.1999		P, E
62.	NE-39402	Use of ALAE-2 PC engine limiters in place of ALAE-2 PB units.	All helicopters	19.06.1999	Revision 1 24.10.2001	P, E
63.	NE-39403	One-time inspection of main landing gear energy absorbers P/N 30.41.100.00.02.	All helicopters	23.09.1999		P, E

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64.	NE-39404	Design modification of W-3 helicopter in case it was equipped with the WR-3 main gearbox of series 2, 2W or 3 in the place of the WR-3 gearbox of series 1.	All helicopters	23.09.1999		P, E
65.	NE-39405	One-time inspection of brackets attaching main landing gear shock absorbers to the fuselage.	All helicopters	28.12.1999		P, E
66.	NE-304001	Hose equivalents and service life.	All helicopters	03.03.2000		P, E
67.	NE-304002	Non-recurring inspection of rear shaft bearings and main rotor brake bearings.	Helicopters with minimum operating time of 900 hrs or 8 years since new or since the major repair	17.07.2000		P, E
68.	NE-304003	Sealing of connector type 2RMDT45KPN50G8W1 in loom No. P20.	All helicopters	05.10.2000		P, E
69.	NE-314004	Inspection and sealing of connector type SzR16P2NSz5 in loom No. B11.	All helicopters	08.05.2001		P, E
70.	NE-314006	One-time check of oil level in main rotor hub drag hinges.	All helicopters	18.09.2001		P, E

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Item	Bulletin No.	Subject	Effectivity	Date of approval	Revision number and its approval date	Language version
1.	E-001/94	Determination of the service life standards and carrying into effect the operation according to technical conditions.	All helicopters	03.12.1994		P, E
2.	30-I-002/01	Adaptation and modifications which can be accomplished on helicopter operated in Myanmar.	All helicopters	08.01.2002		P, E
3.	30-I-003/01	List of Service Notes and Bulletins.	All helicopters	21.12.2001	Revision 1 21.07.2005	P, E
4.	30-K-004/02	Installation of pipe 30.62.509.00.04 in the WR-3 gearbox oil system.	All helicopters	11.03.2002		P, E
5.	30-K-005/02	Securing the seal fitting in lubricating sleeve 30.39.900.00.00 and modification of tail rotor push rod connections.	All helicopters	17.04.2003		P, E
6.	30-E-006/02	Non-recurring inspection of engine mounting struts.	All helicopters	26.08.2002		P, E
7.	30-I-007/02	Equivalent of main rotor blade heating system looms.	All helicopters	21.10.2002		P, E