

LIST OF EFFECTIVE PAGES

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

NOTE: The portion of page affected by the revision is indicated by a black vertical line in the outer margin.

CAUTION: Upon receipt of the second and subsequent revisions to this manual, personnel responsible for maintaining this publication in current status will ascertain that all previous revisions have been received and incorporated. Action should be taken promptly if the publication is incomplete.

Dates of original and revised pages are:

Original	0	01-12-2005	Revision	1	28-07-2011	Revision	16	02-07-2024
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HIGHLIGHTS

The reason for update is given for the revision below listed.

Revision N.	Reason for change
Third Issue	<ul style="list-style-type: none"> — Updated Introduction (Technical change) to modify reference to Bollettini Tecnici (AW Protocol TPD 20005733). — Updated Section 05-00 (Technical change) to modify para GENERAL. Removed Miscellaneous Requirements reported in the para GENERAL of each scheduled maintenance inspection (AW Protocol TPD 20005598). — Updated Section 05-12 (Technical change) to add Searchlight SX-5 Gimbal Arm to Component Overhaul Schedule (AW Protocol NDC-109-MM-015) — Updated Section 05-12 (Technical change) to modify replacement time for External Hoist cable cutter cartridge (AW Protocol TPD 20005906). — Updated Section 05-12 (Technical change) to modify P/N of External hoist (600 lb) cable (AW Protocol TPD 00TP002766). — Updated Section 05-12 (Technical change) to add AT42510H battery pack (AW Protocol TPD 20000107). — Updated Section 05-12 (Technical change) to add Hoist operator harness P/N A114A01 and relevant Note 13 (AW Protocol TPD 00TP004675). — Updated Section 05-12 Note 3 and 8 (Technical change) to delete hydrostatic test because already required in the related equipment 05-60 para 7 and para 10 (AW Protocol TPD 00TP002107). — Updated Section 05-20-2 Para 2 (Technical change) to add new Step f. (AW Protocol TPD 00TP002361). — Updated Section 05-30-2 Para 2 (Technical change) to add new Step f. (AW Protocol TPD 00TP002361). — Updated Section 05-30-6 Para 4 (Editorial change) (AW Protocol TPD 20000132). — Updated Section 05-30-6 Para 9 (Editorial change) to modify referenced Para to A109E-MM (AW Protocol TPD 00TP004726). — Updated Section 05-40-2 Para 2 (Technical change) to add new Step f. (AW Protocol TPD 00TP002361). — Updated Section 05-50-1 (Technical change) to correct Step 12.b.2. (AW Protocol TPD 20000384). — Updated Section 05-50-1 (Technical change) to add new P/N 109-0162-01 at Para 10 (AW Protocol TPD 20003559). — Updated Section 05-50-1 Para 16 (Technical change) to modify referenced Para to A109E MM (AW Protocol TPD 00TP002144). — Updated Section 05-50-1 Para 16 (Editorial change) to modify referenced Para to A109E MM (AW Protocol TPD 20000424). — Updated Section 05-50-1 Para 17 (Technical change) to modify references to A109E MM for the 2400 Hours Main Rotor Special Inspections (AW Protocol TPD 00TP002322). — Updated Section 05-50-1 Para 15 (Technical change) to add new Step d. DOORS (AW Protocol TPD 20001944). — Updated Section 05-60 (Technical change) to add new 400 Hour/12 months inspection of Hoist operator harness (AW Protocol TPD 00TP004675). — Updated Section 05-60 (Technical change) to add Reference to A109E-MM at Special Inspection Para 5 (AW Protocol TPD 00TP001874).

Revision N.	Reason for change
Third Issue	<ul style="list-style-type: none"> — Updated Section 05-60 (Editorial change) to modify Reference to A109E-MM at Special Inspection Para 6 (AW Protocol TPD 00TP002612). — Updated Section 05-60 (Technical change) to add Reference to A109E-MM at Special Inspection Para 9 (AW Protocol TPD 20000828). — Updated Section 05-60 (Technical change) to add new Para 18 for Searchlight SX-5 (AW Protocol NDC-109-MM-015). — Updated Section 05-70 (Technical change) to add new Lubrication requirement at 12 months for Elevator half fitting bolts (AW Protocol TPD 20001214).
Revision 1	<ul style="list-style-type: none"> — Updated Section 05-60 (Technical change) to add new inspection for Battery installation (33 Ah) (AW Protocol NDC 109-B810-026). — Updated Section 05-60 (Technical change) to add new inspection for Flir Ultraforce UF350EP (AW Protocol NDC 109G9300-002). — Updated Section 05-70 (Editorial change) to shift pages.
Revision 2	<ul style="list-style-type: none"> — Updated Chapter 04, refer to applicable List of revised pages (AW Protocol NDC 109-0111-006). — Updated Section 05-10-00 to introduce new P/N 109-0111-06-103 and new P/N 109-0111-06-105 Damper (AW Protocol NDC 109-0111-006). — Updated Section 05-50 Para 05-50-1 (Technical change) to delete Step 14 and move it to Para 05-10-00 (AW Protocol NDC 109-0111-006).
Revision 3	<ul style="list-style-type: none"> — Updated Section 05-00 Para 05-00-3 (Technical change) to add COMMON SCHEDULED MAINTENANCE CHECKS. The old Paras from 05-00-3 thru 05-00-6 are shifted. — Updated Section 05-12 Para 05-12-00 (Technical change) to modify Replacement Time of Vibration absorber assembly (AW Protocol NDC 109-MM-019). — Updated Section 05-12 Para 05-12-00 (Technical change) to add new Harness with reel P/N AGU-XXX-SERIES and P/N 1-10-6102XXYYY SERIES (AW Protocol NDC 109-0707-001). — Updated Section 05-20, from para 05-20-1 thru para 05-20-6 (Technical change) to delete para GENERAL in the table (AW Protocol TPD 20007246). — Updated Section 05-30, from para 05-30-1 thru para 05-30-6 (Technical change) to delete para GENERAL in the table (AW Protocol TPD 20007246). — Updated Section 05-40, from para 05-40-1 thru para 05-40-14 (Technical change) to delete para GENERAL in the table (AW Protocol TPD 20007246). — Updated Section 05-50, para 05-50-1 (Technical change) to delete para GENERAL in the table (AW Protocol TPD 20007246). — Updated Section 05-50 Para 05-50-1 (Technical change) to delete Step 15(b)2 removal requirement of main transmission forward vibration insulator strut P/N 109-0325-75-101 (AW Protocol NDC 109-MM-018). — Updated Section 05-70 (Technical change) to delete dash -103 to Main rotor dampers 109-0111-06 (AW Protocol NDC 109-0111-006).
Revision 4	<ul style="list-style-type: none"> — In all publication changed denomination company from Agusta to AgustaWestland. — Updated Section 05-50 Para 05-50-1 (Technical change) to add new 200 flight hours/12 months inspection for Main transmission structural fwd and aft lower fittings. Subsequent paras have been shifted. (AW Protocol NDC 109G0520-001).
Revision 5	<ul style="list-style-type: none"> — Updated Section 05-12 (Technical change) to add Replacement time for Liferrafts P/N 245234-0 and for Life jackets P/N 210225-2 (AW Protocol NDC 109G0255-001). — Updated Section 05-12 (Technical change) to add Replacement time for Liferrafts P/N 5A3204-20122 (AW Protocol NDC 109G0255-002). — Updated Section 05-50 (Technical change) Para 05-50-1 Step 18. a. 2) to add Cross reference to A109E-MM 63-31-8 (AW protocol NDC 109G0520-001).
Revision 6	<ul style="list-style-type: none"> — Updated Section 05-12 (Technical change) to remove Replacement Time of Harness with reel and relevant Note 14 (AW Protocol TPD 400038690 and NDC 109G0255-003). — Updated Section 05-20 (Technical change) Para 05-20-6 Step 8 to add new inspections for crew and passengers safety restraints systems (AW Protocol TPD 400038690 and NDC 109G0255-003).

Revision N.	Reason for change
	<ul style="list-style-type: none"> — Updated Section 05-30 (Technical change) Para 05-30-6 Step 8 to add new inspections for crew and passengers safety restraints systems (AW Protocol TPD 400038690 and NDC 109G0255-003). — Updated Section 05-40 (Technical change) Para 05-40-14 Step 1 to add new inspections for crew and passengers safety restraints systems (AW Protocol TPD 400038690 and NDC 109G0255-003). — Updated Section 05-60 (Technical change) Step 10 to add new inspection for litter adjustable torso restraint assy and safety belt assy (AW Protocol TPD 400038690 and NDC 109G0255-003).
7	<ul style="list-style-type: none"> — Updated Chapter 04 to modify retirement life of Blade P/N 709-0160-48-101 and to remove retirement life of Bolt 109-0110-90-103. Refer to dedicated "List of revised pages".
8	<ul style="list-style-type: none"> — Updated Chapter 04 to include an applicability statement ("excluded S/N 11631, 11636, 11638, 11640, 11642, 11644, 11646"). Refer to dedicated "List of Revised Pages". — Updated Section 05-12 (Technical change) to add new Cabin fire extinguisher bottles (AW Protocol NDC 109G2620-003 and AW Protocol NDC 109G2620-004). — Updated Section 05-20 (Technical change) Para 05-20-6 Step 8.b. to add new Cabin fire extinguisher bottle (AW Protocol NDC 109G2620-003). — Updated Section 05-30 (Technical change) Para 05-30-6 Step 8.b. to add new Cabin fire extinguisher bottle (AW Protocol NDC 109G2620-003). — Updated Section 05-40 (Technical change) Para 05-40-14 Step 1.b. to add new Cabin fire extinguisher bottle (AW Protocol NDC 109G2620-003). — Updated Section 05-50 (Technical change) Para 05-50-17A to add new Cabin fire extinguisher bottle (AW Protocol NDC 109G2620-004).
9	<ul style="list-style-type: none"> — Updated Section 05-10 to add new Overhaul interval for Engine & Transmission oil cooler fan iaw NDC 109G6324-001. See TP #259. — Updated Section 05-12 to add new Replacement time for Duplex bearing, oil cooler fan (AW iaw NDC 109G6324-001. See TP #259. — Updated Section 05-20 Para 05-20-3 Step 2.a. and Step 2.b. to add limitation of applicability. Added Step 2.d. to introduce inspection to new Driven pulley assy P/N 109G6320A26-101 iaw NDC 109G6324-001. See TP #259. — Updated Section 05-30 Para 05-30-3 Step 2.a. and Step 2.b. to add limitation of applicability. Added Step 2.d. to introduce inspection to new Driven pulley assy P/N 109G6320A26-101 iaw NDC 109G6324-001. See TP #259. — Updated Section 05-40 Para 05-40-8 Step 1.a. and Step 1.b. to add limitation of applicability. Added Step 1.d. to introduce inspection to new Driven pulley assy P/N 109G6320A26-101 iaw NDC 109G6324-001. See TP #259. — Updated Section 05-50 Para 05-50-1 to add new Step 7.b. for the inspection of Driven pulley assy P/N 109G6320A26-101 and to add limitation of applicability to Para 05-50-1 Step 7.a. for Oil coolers fans P/N 109-0455-01-101 iaw NDC 109G6324-001. See TP #259. — Updated Section 05-50 Para 05-50-1 to add new Step 15.e. inspection for Transmission oil coolers and fans iaw NDC 109G6324-001. See TP #259.
10	<ul style="list-style-type: none"> — Updated Introduction to add new Electrical Standard Practices Manual 09-Z/ESP-00-X A119/A109 SERIES-ESP iaw TP #2571. — Updated Introduction page (Editorial Change), to change address and fax number in Purchase of technical publications and Technical publications discrepancy form. — Updated Section 05-00 Para 05-00-4 to add 5 year inspection with relative tolerance iaw NDC-109G0255-004. See TPD 20001787. — Updated Section 05-10 to add new Overhaul schedule to the damper P/N 109-0112-38 series iaw NDC-109G0255-004. See TP #2614. — Updated Section 05-12 to modify replacement time of Belt, toothed. Added new relevant Note 19 iaw NDC-109G0255-004. See TPD 20012367. — Updated Section 05-12 to modify digital clock batteries iaw NDC-109G0255-004. See TPD 20015291. — Updated Section 05-12 to delete Searchlight SX-5 Gimbal Arm (Steel) iaw NDC-109G0255-004. See TPD 20006634.

Revision N.	Reason for change
	<ul style="list-style-type: none"> — Updated Section 05-12 to modify Note 7 iaw NDC-109G0255-004. See TPD 20019199. — Updated Section 05-12 to modify Note 12 iaw NDC-109G0255-004. See TPD 20012367. — Updated Section 05-20 Para 05-20-2 to correct reference to A109E-MM in Step 9.a. iaw NDC-109G0255-004. See TP #1563. — Updated Section 05-30 Para 05-30-2 to correct reference to A109E-MM in Step 9.a. iaw NDC-109G0255-004. See TP #1563. — Updated Section 05-40 Para 05-40-5 to correct reference to A109E-MM in Step 1.a. iaw NDC-109G0255-004. See TP #1563. — Updated Section 05-50 Para 05-50-1 to correct reference to A109E-MM in Step 3.a.1) iaw NDC-109G0255-004. See TPD 20010790. — Updated Section 05-50 Para 05-50-1 to delete Step 15.a. iaw NDC-109G0255-004. — Updated Section 05-60 to add new Note for tolerances on inspection intervals iaw NDC-109G0255-004. See TPD 20017640. — Updated Section 05-60 Para 7. Emergency floats to delete Step 2. NDC-109G0255-004. — Updated Section 05-60 Para 10. EMS equipment to delete Step 1. NDC-109G0255-004. — Updated Section 05-70 to remove the number of lubrication places of M/R swashplate and M/R servo actuators iaw NDC-109G0255-004. See TPD 20022107.
11	<ul style="list-style-type: none"> — Modified "AgustaWestland S.p.A." with "LEONARDO S.p.A." and "Agustawestland" with "Leonardo Helicopters" in all manual iaw TP #3171. — Updated Purchase of Technical Publication list to add Common Structural Repair Publication, Air Vehicle Structural Repair Publication, Corrosion Protection & Control Publication and Aircraft Material Data Information, already present in IETP. Corrected title of Electrical Standard Practices as typing error. Deleted address information, already present in Technical Publication query of IETP. Deleted Technical publication discrepancy form, already present in IETP as Technical Publication query. — Updated Section 05-20 Para 05-20-5. Step 1.a. to add applicability to 3200 FH main gearbox inspection iaw NDC-109G0540-001. See TP #4336. — Updated Section 05-30 Para 05-30-5. Step 1.a. to add applicability to 3200 FH main gearbox inspection iaw NDC-109G0540-001. See TP #4336. — Updated Section 05-40 Para 05-40-11. Step 1.a. to add applicability to 3200 FH main gearbox inspection iaw NDC-109G0540-001. See TP #4336. — Updated Section 05-50 Para 05-50-1. Step 7.a.2) to correct reference to A109E-MM.
12	<ul style="list-style-type: none"> — Updated Section 05-10 to modify Component overhaul schedule Table to remove Heat exchanger P/Ns 8585C000 or 8585C000-001 with relative Overhaul interval and to remove Cooling blower P/N 1538D000-003 iaw NDC-109G0255-025. — Updated Section 05-60 to amend inspection interval to the heat exchanger, was "AFTER THE FIRST 400 HOURS AND SUBSEQUENTLY EACH 200 HOURS" iaw NDC-109G0255-025.
13	<ul style="list-style-type: none"> — Updated Section 05-70 to modify tasks "Duplex bearing T/R pitch change mechanism": added new P/Ns 109-0133-05-105 and 109-0133-05-107 iaw NDC-109G6400-002. See TP #4493.
14	<ul style="list-style-type: none"> — Updated Section 05-20 to modify Para 05-20-3. Step 9. Electrical system and instruments iaw TP #5463. See NDC-109G2430-004. — Updated Section 05-30 to modify Para 05-30-3. Step 9. Electrical system and instruments iaw TP #5463. See NDC-109G2430-004. — Updated Section 05-40 to modify Para 05-40-8. Step 3. Electrical system and instruments iaw TP #5463. See NDC-109G2430-004.
15	<ul style="list-style-type: none"> — Update Section 05-00 to modify Para 05-00-4. Special inspection tolerance iaw TP #7358. See NDC-109G0255-028. — Update Section 05-12. Miscellaneous Replacement Schedule iaw TP #7358. See NDC-109G0255-028. — Update Section 05-20 to modify Para 05-20-6. Step 3 Tail Boom iaw TP #7358. See NDC-109G0255-028.

Revision N.	Reason for change
	<ul style="list-style-type: none"> — Update Section 05-30 to modify Para 05-30-6. Step 3 Tail Boom iaw TP #7358. See NDC-109G0255-028. — Update Section 05-40 to modify Para 05-40-12. Step 2 Tail Boom iaw TP #7358. See NDC-109G0255-028. — Update Section 05-50 to modify Para 05-50-1. Step 18 Tail Boom iaw TP #7358. See NDC-109G0255-028. — Update Section 05-50 to modify Para 05-50-1. Added 800FH or 4 Years TP #7358. See NDC-109G0255-028. — Update Section 05-50 to modify Para 05-50-1. Modified numbering of 900FH or 3 Years TP #7358. See NDC-109G0255-028. — Update Section 05-50 to modify Para 05-50-1. Added 1200FH or 6 Years TP #7358. See NDC-109G0255-028. — Update Section 05-50 to modify Para 05-50-1. Added 3200FH or 6 Years TP #7358. See NDC-109G0255-028.
16	<ul style="list-style-type: none"> — Updated Section 05-50 Para 05-50-1 to add new conditional inspection at Paras 9. Wire strike event; 10. F.O.D.; 11. Strong wind and 12. Sand/dust. Shifted pages of Sections 05-60 and 05-70 iaw TP #7177. See NDC-109G0255-029.