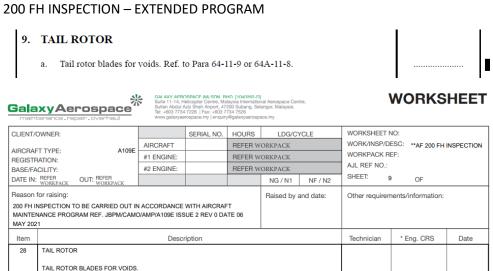
TIC-A109E-23-0034

1.

| 1538D000-002 | 00-002 Cooling blower | | | | | 5000 See Note 3 | | | | | |
|---|-----------------------|----------------|------------------|------------------------------|-------|-----------------|------------------|--------------------|--|--|--|
| 15385000-002 TURBINE BLOWER E.C.S. [Limitation Type: Overhaul] | NSN | Airframe Hours | 5000 50. Hour | | 00:00 | 5000:00 | 3875:30 Hours | # 1124:30 Hours | | | |
| | | | | | | | | | | | |
| Digital clock AT42510H battery or digital clock 109-0740L42-101 batte digital clock 109-0749-77-101 batte | tery or | | | size Alkalir al available | ne | 2 year | rs | | | | |

REF: PARA 64-11-9 OR 64A-11-8.



| 100 | FΗ | INSPECTION – E | XTENDI | ED PRO | GRAN | 1 | | | |
|---|---|--|--|--|--|---|-----------------|--|---|
| 2. | TF | RANSMISSION OI | L COOL | ERS ANI | D FAN | s | | | I I |
| | a. | (not applicable to U.K (Only for Oil Cooler F Coolers fan drive belts tension check of tooth | ans P/N 109 for damage | 9-0455-01-1 e, crazing at | 101) nd wear. | Ref. to Pa | ra 63-23-10 | 5. Perform | |
| | b. | (applicable to U. K. re (Only for Oil Cooler F Cooler fan drive belts tension check of tooth | ans P/N 109 for damage | 9-0455-01-1 , crazing an | 101) nd wear. 1 | | | 5. Perform | |
| | Without disassembly, inspect attachment flanges of transmission and engines oil coolers fans for condition. | | | | | | | | |
| | d. | (Only for driven pulle Cooler fan drive belts condition, damage and roughness of rotation. Perform tension check | for damage l wear. Ref. | e, crazing an to Para 63- | nd wear. 23-16A. | Driving a Examine | | | |
| | | yAerospace nance.repair.overhaul | Suite 11-14, I Sultan Abdul | OSPACE (M) SDN. B Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se | nal Aerospace Cer Iangor, Malaysia. | ntre, | , | WORKSHEET |
| m | ainter | nance.repair.overhaul | Suite 11-14, I Sultan Abdul | Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp | nal Aerospace Cer langor, Malaysia. ace.my | | | |
| CLIEN | NT/OW | nance, repair, overhaul | Suite 11-14, I Sultan Abdul Tel: +603 7773 www.galaxya | Helicopter Centre, Ma Aziz Shah Airport, 47 | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS | nal Aerospace Cer langor, Malaysia. ace.my | | WORKSHEET | NO: |
| CLIEN | NT/OW | nance repair overhaul VNER: TYPE: A109E | Suite 11-14, I Sultan Abdul | Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS | nal Aerospace Cer langor, Malaysia. ace.my | | WORKSHEET | NO: ESC: **AF 400 FH INSPECTION |
| CLIEN AIRCI REGIS | NT/OW RAFT 1 STRAT | NNER: TYPE: A109E | Suite 11-14, I Sultan Abdul Tel: +603 773 www.galaxya | Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS REFER W | nal Aerospace Cer langor, Malaysia. ace.my LDG/C CORKPACK | | WORKSHEET I WORK/INSP/D | NO: ESC: **AF 400 FH INSPECTION |
| CLIEN AIRCI REGIS BASE | NT/OW RAFT 1 STRAT | nance, repair, overhaul VNER: TYPE: A109E TION: LITT': | Suite 11-14, Sultan Abdul Tel: +603 773 www.galaxya AIRCRAFT #1 ENGINE: | Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS REFER W | nal Aerospace Cer langor, Malaysia. ace.my LDG/C | | WORKSHEET I WORK/INSP/D WORKPACK R | NO: ESC: **AF 400 FH INSPECTION EF: |
| CLIEN AIRCI REGIS BASE DATE | RAFT 1 STRAT E/FACIL | NNER: TYPE: A109E | Suite 11-14, Sultan Abdul Tel: +603 773 www.galaxya AIRCRAFT #1 ENGINE: | Helicopter Centre, Ma Aziz Shah Airport, 47 4 7226 Fax: +603 7 erospace.my enquir | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS REFER W | nal Aerospace Cerlangor, Malaysia. ace.my LDG/C CORKPACK CORKPACK | YCLE NF / N2 | WORKSHEET I WORK/INSP/D WORKPACK R AJL REF NO.: SHEET: | NO: ESC: **AF 400 FH INSPECTION EF: |
| CLIEN AIRCI REGIS BASE DATE | RAFT T STRAT E/FACIL IN: RE W | NER: TYPE: A109E TION: LITY: EFER OUT: REFER OOKPACK Traising: | Sulte 11-14. Sulter Abdul Tel: +603 773 www.gallanya Abdul Tel: +603 773 www.gallanya AIRCRAFT #1 ENGINE: #2 ENGINE: | reliciopter Centre, Mazz Shah Aliport, 47 Azz Shah | alaysia Internatio 200 Subang, Se 734 7526 y@galaxyaerosp HOURS REFER W | nal Aerospace Cer angor, Malayaia. ace.my LDG/C ORKPACK ORKPACK ORKPACK ORKPACK NG / N1 | YCLE NF / N2 | WORKSHEET I WORK/INSP/D WORKPACK R AJL REF NO.: SHEET: | NO: ESSC: "AF 400 FH INSPECTION EF: |
| CLIEN AIRCI REGIS BASE DATE Reas | NT/OW RAFT 1 SSTRAT SSTRAT IN: RE W | WHER: TYPE: A109E TION: LITY: EFER OUT: REFER WORKPACK TRAINSMISSION OIL COOLERS AN NOT APPLICABLE TO U.K. REGIS ONLY FOR OIL COOLER FANS P/I | Sulte 11-14. Sultar Abdul Tel: +003 773 view.gdlavya AIRCRAFT #1 ENGINE: #2 ENGINE: | relicopter Centre, Mazz Shah Alraport, 47 Azz Shah Alraport, 47 Az | ulaysia Internatio 200 Subang, Se 734 7528 HOURS REFER W REFER W REFER W | nal Aerospace Cer angor, Malayaia. ace.my LDG/C ORKPACK ORKPACK ORKPACK ORKPACK NG / N1 | YCLE NF / N2 | WORKSHEET I WORK/INSP/D WORKPACK R AJL REF NO.: SHEET: | NO: ESSC: "AF 400 FH INSPECTION EF: |
| CLIEN AIRCI REGIS BASE DATE Reas | RAFT I STRAT | WHER: TYPE: A109E TION: LITY: EFER TORKPACK OUT: REFER TORKPACK raising: TRANSMISSION OIL COOLERS AN NOT APPLICABLE TO U.K. REGIS | Sulte 11-14 Adul Sultan Adul International I | relicopter Centre, Mazz Staha Alropot, 47 Azz Staha Alropot, 47 Az | ulaysia Internatio 200 Subang, Se 734 7528 HOURS REFER W REFER W REFER W | nal Aerospace Cer angor, Malayaia. ace.my LDG/C ORKPACK ORKPACK ORKPACK ORKPACK NG / N1 | YCLE NF / N2 | WORKSHEET I WORK/INSP/D WORKPACK R AJL REF NO.: SHEET: | NO: ESSC: "AF 400 FH INSPECTION EF: |
| CLIEN AIRCI REGIS BASE DATE Reas | RAFT I STRAT | WHER: TYPE: A109E FION: LITY: PEER FORKPACK OUT: REFER FORKPACK OU | Suite 11-14. Suite 13-14. Suite 14-14. Suite | relicopter Centre, Mazz Staha Alropot, 47 Azz Staha Alropot, 47 Az | ulaysia Internatio 200 Subang, Se 734 7528 HOURS REFER W REFER W REFER W | nal Aerospace Cer angor, Malayaia. ace.my LDG/C ORKPACK ORKPACK ORKPACK ORKPACK NG / N1 | YCLE NF / N2 | WORKSHEET I WORK/INSP/D WORKPACK R AJL REF NO.: SHEET: | NO: ESSC: "AF 400 FH INSPECTION EF: |

| Item | Description | Technician | * Eng. CRS | Date |
|------|---|------------|------------|------|
| 4 | TRANSMISSION OIL COOLERS AND FANS | | | |
| | WITHOUT DISASSEMBLY, INSPECT ATTACHMENT FLANGES OF TRANSMISSION AND ENGINES OIL COOLERS FANS FOR CONDITION. | | | |
| | REF: 63-23-10 | | | |
| | REMARKS: | | | |
| | | | | |
| 5 | TRANSMISSION OIL COOLERS AND FANS | | | |
| | COOLER FAN DRIVE BELTS FOR DAMAGE, CRAZING AND WEAR. DRIVING AND DRIVEN PULLEYS FOR CONDITION, DAMAGE AND WEAR. EXAMINE THE DRIVEN PULLEYS FOR ROUGHNESS OF ROTATION. PERFORM TENSION CHECK OF TOOTHED BELTS (ONLY FOR DRIVEN PULLEY ASSY P/N 109G6320A26-101). | | | |
| | REF: 63-23-16A, 63-00-14. | | | |
| | REMARKS: | | | |

3200 FH INSPECTION - EXTENDED PROGRAM

1. MAIN TRANSMISSION

a. APPLICABLE ONLY TO MAIN GEARBOX P/N 109-0400-03-109, inspect main transmission. Ref. to Para 63-21-17.

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WORKSHEET

| CLIENT/C | OWNER: | | SERIAL NO. | HOURS | LDG/CY | CLE | WORKSHEET | NO: | |
|----------|---|-----------------|------------|---------|-------------|----------|----------------|--------------------|------------|
| AUDODAE | T TYPE: A109E | AIRCRAFT | | REFER W | ORKPACK | | WORK/INSP/D | ESC: **AF 3200 FH | INSPECTION |
| AIRCRAF | | #1 ENGINE: | | REFER W | ORKPACK | | WORKPACK R | EF: | |
| BASE/FA | | #2 ENGINE: | | REFER W | ORKPACK | | AJL REF NO.: | | |
| | REFER WORKPACK OUT: REFER WORKPACK | | | | NG / N1 | NF / N2 | SHEET: | 1 OF | |
| Reason f | for raising: | | | | Raised by a | nd date: | Other requiren | nents/information: | |
| Item | | Descr | ription | | | | Technician | * Eng. CRS | Date |
| 1 | MAIN TRANSMISSION APPLICABLE ONLY TO MAIN GEAI INSPECT MAIN TRANSMISSION. REF: PARA 63-21-17. | RBOX P/N 109-04 | 00-03-109, | | | | | | |
| | REMARKS: | | | | | | | | |

12 M INSPECTION - EXTENDED PROGRAM

EXTENDED INSPECTION PROGRAM (12 MONTHS INSPECTION)

| | | INITIAL EACH ITEM AFTER ACCOMPLISHMENT | INITIAL | |
|----|----|--|---------|--|
| 8. | CA | ABIN INTERIOR AND EXTERIOR | | |
| | a. | Remove pilot doors and inspect jettison mechanism for correct operation: Ref. to Para 52-11-10 and 52-11-14. | | |
| | b. | $Portable\ fire\ extinguisher\ (P/N\ A072A01,\ A072A02,\ AW003ZE02\ and\ AW003ZE03).$ | | |
| | | 1) Weigh fire extinguisher. Ref. to Para 26-22-6. | | |
| | | 2) Visually inspect fire extinguisher for general condition. Ref. to Para 26-22-6. | | |

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WORKSHEET

| maintenance.repair.overnaul | www.guiuxyuc | reapase.my enqui | - sguiuxyuci copi | acc.my | | | | | |
|--|---------------|--------------------|-------------------|----------------|---------------------------------|---------------|-------------|------|---|
| CLIENT/OWNER: | | SERIAL NO. | HOURS | LDG/C | YCLE | WORKSHEE | T NO: | | |
| AIRCRAFT TYPE: A109E | AIRCRAFT | | REFER WORKPACK | | WORK/INSP | /DESC | **AF 12 MOI | NTHS | |
| REGISTRATION: | #1 ENGINE: | | REFER WORKPACK | | | WORKPACK REF: | | | |
| BASE/FACILITY: | #2 ENGINE: | | REFER W | REFER WORKPACK | | | u: | | |
| DATE IN: REFER OUT: REFER WORKPACK | | | | NG / N1 | NF / N2 | SHEET: | 5 | OF | |
| Reason for raising: | | | | Raised by | Other requirements/information: | | | | |
| AF 12 MONTHS INSPECTION TO BE CARRIE | D OUT I.A.W | | | | | | | | |
| JBPM.CAMO.AMP.A109E ISSUE 1 REV 0 DA | | | | | | | | | |
| IETP 109E, 30TH ISSUE: 15/11/2019 UPDATE | D: 13/12/2019 | | | | | | | | |
| DM306C WW BEV 38 3 | | | | | | I | - 1 | | I |
| | | | | | | | | | |

| | | | I . |
|----|--|--|-----|
| 21 | CABIN INTERIOR AND EXTERIOR | | |
| | PORTABLE FIRE EXTINGUISHER (P/N A072A01, A072A02, AW003ZE02 AND AW003ZE03). | | |
| | 1) WEIGH FIRE EXTINGUISHER. WEIGHT: REF: PARA 26-22-6. | | |
| | 2) VISUALLY INSPECT FIRE EXTINGUISHER FOR GENERAL CONDITION. REF.PARA 26-22-6. | | |
| | REMARKS: | | |
| | | | |

EACH 50 HOURS

9. EACH 50 HOURS

a. MAIN ROTOR

1) Inspect tip cap of main rotor blades for presence of cracks. Ref. to para 62-11-28A.

WORKSHEET



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| CLIENT/C | OWNER: | | SERIAL NO. | HOURS | LDG/CY | YCLE | WORKSHEET I | NO: | |
|----------|--------------------------------|----------------|--------------|-------------|---------|------------|---|--------------------|----------|
| AIRCRAF | T TYPF: A109E | AIRCRAFT | | REFER W | ORKPACK | | WORK/INSP/D | ESC: AF 50 FH INS | SPECTION |
| REGISTR | | #1 ENGINE: | | REFER W | ORKPACK | | WORKPACK R | EF: | |
| BASE/FA | | #2 ENGINE: | | REFER W | ORKPACK | | AJL REF NO.: | | |
| DATE IN: | REFER OUT: REFER WORKPACK | | | | NG / N1 | NF / N2 | SHEET: 1 | OF | |
| Reason f | Reason for raising: Rais | | | | | | Other requiren | nents/information: | |
| AF 50 FH | INSPECTION TO BE CARRIED OUT | I.A.W | | | | | , | | |
| JBPM.CA | MO.AMP.A109E ISSUE 1 REV 0 DAT | E 21 JAN 2020 | | | | | | | |
| | | | | | | | | | |
| Item | | Desci | ription | | | | Technician | * Eng. CRS | Date |
| 1 | 05-50 MAIN ROTOR | | | | | | | | |
| | SPECIAL INSPECTION | | | | | | | | |
| | INSPECT TIP CAP OF MAIN ROTO | R BLADES FOR F | PRESENCE OF | CRACKS. | | | | | |
| | | | | | | | | | |
| | NOTE: THE ABOVE PRESCRIBED | | | | | IP CAP P/N | | | |
| | 709-0103-29-109, THAT HAVE ACC | UMULATED 600 | (SIX HUNDRED |) FLIGHT HC | JURS | | | | |
| | REF: 62-11-28A. | | | | | | | | |
| | | | | | | | | | |
| | REMARK: | | | | | | | | |
| | INCHESTIVE. | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

EACH 200 H // 12 M

UNSCHEDULED MAINTENANCE CHECKS (SPECIAL INSPECTIONS)

| | INITIAL EACH ITEM AFTER ACCOMPLISHMENT | INITIAL |
|----------|---|---------|
| 18. EACH | H 200 HOURS OR 12 MONTHS | |
| a. MA | IN TRANSMISSION | |
| 1) | Perform operational test of chip detectors circuits on coupling case and upper case. Ref. to Para 63-41-17. | |
| 2) | Inspect main transmission structural fwd and aft lower fittings for corrosion, cracks and proper condition of joints. Ref. to Para 63-31-8. | |

| Ga | lax | yΑ | erc | sp | ace | * |
|----|------|----|--------|----|------------|---|
| | -1-4 | | nonois | | des en est | _ |

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WORKSHEET

| maintenance, repair, overhaul | www.galaxyae | erospace.my enquir | y@galaxyaerospa | ace.my | | | | | |
|------------------------------------|---------------|----------------------|-----------------|--------------------------|-----------|---------------------------------------|---------|----------------|--|
| CLIENT/OWNER: | | SERIAL NO. | HOURS | LDG/CY | CLE | WORKSHE | T NO: | | |
| AIRCRAFT TYPE: A109E | AIRCRAFT | | REFER W | R WORKPACK R WORKPACK | | WORK/INSP/DESC: AF 200 FH // 12 MONTH | | | |
| REGISTRATION: | #1 ENGINE: | | REFER W | | | WORKPACI | | | |
| BASE/FACILITY: | #2 ENGINE: | | REFER W | ORKPACK | | AJL REF NO | | | |
| DATE IN: REFER OUT: REFER WORKPACK | | | | NG / N1 | NF / N2 | SHEET: | 2 | OF | |
| Reason for raising: | | | | Raised by a | and date: | Other requi | rements | s/information: | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1 | | | | | | | - | - 1 | |
| | | | | | | | | | |
| 9 MAIN TRANSMISSION | | | | | | | | | |
| INSPECT MAIN TRANSMISSION S | STRUCTURAL EW | /D AND AFT LO | WER FITTIN | GS FOR CORE | ROSION | | | | |
| CRACKS AND PROPER CONDITION | | D AND ALL EO | WEIGHT HIT | 0010100111 | ,, | | | | |
| | | | | | | | | | |
| REF: 63-31-8. | | | | | | | | | |
| | | | | | | | | | |
| REMARKS: | | | | | | | | | |
| 10 TAIL ROTOR (90°) GFARBOX | | | | | | | | | |

50 H // 3M

| Refer | to Para 12-20-5 | • | L | | | | |
|-------|-------------------|---|---|--|--|--|---|
| 2 | M/R SWASHPLATE | | | | | | |
| | LUBRICATE | | | | | | |
| | REF: PARA 12-20-5 | | | | | | |
| | REMARKS: | | | | | | |
| | | | | | | | |
| 2 | DESCRIE LIGIET | | | | | | _ |

200 FH // 12 M

| GalaxyA erospace ※ |
|-----------------------------|
| maintenance penair overbeul |

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WORKSHEET

| CLIENT/OWNER: | SERIAL NO | | HOURS | LDG/CYCLE | | WORKSHEET NO: | | | | | |
|----------------------------|------------------------|------------|---------------------------------|-------------------------------|---------|---------------|-------------------------------------|---|----|-----------|--|
| AIRCRAFT TYPE: | A109E | AIRCRAFT | | REFER WORKPACK | | | WORK/INSP/DESC: AF 200 FH // 12 MON | | | 12 MONTHS | |
| REGISTRATION: | ATOSE | #1 ENGINE: | | REFER WORKPACK REFER WORKPACK | | | WORKPACK REF: | | | | |
| BASE/FACILITY: | | #2 ENGINE: | | | | | AJL REF NO.: | | | | |
| DATE IN: REFER WORKPACK | OUT: REFER WORKPACK | | | | NG / N1 | NF / N2 | SHEET: | 1 | OF | | |
| Reason for raising: | Raised by and date: | | Other requirements/information: | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Item | Description | Technician | * Eng. CRS | Date |
|------|-----------------------------|------------|------------|------|
| 6 | M/R SERVO ACTUATORS | | | |
| | LUBRICATE | | | |
| | REF: PARA 12-20-6 | | | |
| | REMARKS: | | | |
| | | | | |
| 7 | ELEVATOR HALF EITTING ROLTS | | | |