

**BY ORDER OF THE CHIEF,
NATIONAL GUARD BUREAU**

**AIR NATIONAL GUARD POLICY
DIRECTIVE 90-2108**

13 MAY 2003

Command Policy



**COMPLIANCE AND STANDARDIZATION
REQUIREMENT LIST (C&SRL)
MAINTENANCE SQUADRON**

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This directory implements Air Force Policy Directive (AFPD) 90-2, *The Inspection System*, and is applicable to all Air National Guard (ANG) flying units. Compliance with this directory and its parent instruction Air National Guard Instruction (ANGI) 21-101, *Maintenance Management of Aircraft*, is mandatory. Units will supplement this publication with items developed from appropriate technical data, Air Force Occupational Safety and Health (AFOSH) Standards (STD), local operating instructions (OI), etc., to assess internal compliance. Higher Headquarters/Inspector General (HHQ/IG) may use this directory in whole or in part during evaluations and exercises.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

1. The items listed do not constitute the order or limit the scope of the inspection/assessment. As a minimum, units will use this directory in conjunction with the annual unit self-inspection. The objective is to identify deficiencies that preclude attainment of required capabilities.

Table 1. Maintenance Squadron

| ITEM NO. | ITEM AND REFERENCES (All references are to ANGI 21-101 unless otherwise indicated) | YES | NO | N/A |
|-----------------------------|--|-----|----|-----|
| Maintenance Squadron | | | | |
| 1. | Maintenance Supervision | | | |
| 1.1. | Does Maintenance Supervision provide local manufacture capability and ensure control of the fabrication process? (4.3.1.) | | | |
| 1.2. | When applicable, does Maintenance Supervision ensure MXS personnel use the JEDMICS and Engineering Technical Service in coordination with QA to get information and specifications when the information in technical orders does not provide enough detail? (4.3.2.) | | | |
| 1.3. | Where applicable, does Maintenance Supervision establish a radiation protection program IAW AFOSH Standard 48-9? (4.3.3.) | | | |
| 2. | The Element/Workcenter Supervisor | | | |
| 2.1. | In coordination with MOC, does Element/Workcenter Supervision coordinate with the MXS Production Supervisor on maintenance priorities before dispatching personnel? (4.5.1.1.) | | | |
| 2.2. | Does the Element/Workcenter Supervision ensure TMDE, tools and technical data are available to the technician either through the section or supported activity resources? (4.5.1.2.) | | | |
| 2.3. | Does the Element/Workcenter Supervision ensure Specialists order parts using MIS? (4.5.1.3.) | | | |
| 2.4. | Does the Element/Workcenter Supervision ensure, upon dispatch, technicians report in before beginning the job? (4.5.1.4.1.) | | | |
| 2.5. | Does the Element/Workcenter Supervision ensure technicians review aircraft forms prior to beginning maintenance on an aircraft? (4.5.1.4.2.) | | | |
| 2.6. | Does the Element/Workcenter Supervision ensure technicians report job completions, stop times, ETIC slippage, and significant problems? (4.5.1.4.3.) | | | |
| 2.7. | Does the Element/Workcenter Supervision ensure technicians provide all document numbers for back ordered parts? (4.5.1.4.4.) | | | |
| 2.8. | Does the Element/Workcenter Supervision ensure MIS is completed; aircraft forms are accurate and completed in a timely manner by assigned technicians? (4.5.1.4.6.) | | | |
| 3. | Accessory Element Supervisor | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 3.1. | Does the Accessory Element Supervisor ensure an effective and valid egress training program is established IAW AFI 21-112, <i>Aircrew Egress Systems Maintenance</i> , and ANG directives? (4.6.1.1.) | | | |
| 3.2. | Does the Accessory Element Supervisor ensure compliance with crash recovery program responsibilities? (4.6.1.2.) | | | |
| 3.3. | Does the Accessory Element Supervisor ensure explosives are controlled and stored in approved storage area? (4.6.1.3.) | | | |
| 4. | The Electrical-Environmental Section. | | | |
| 4.1. | If tasked, does the Electrical-Environmental Section provide off-equipment support for flightline support equipment electrical components? (4.6.2.3.) | | | |
| 4.2. | Does the Electrical-Environmental Section perform authorized local manufacture, repair, overhaul, testing, modification, and inspection of aircraft and support equipment electrical components, wiring harnesses, batteries, and charging units? (4.6.2.5.) | | | |
| 4.3. | Does the Electrical-Environmental Section ensure battery disposal procedures meet environmental standards and are controlled for accountability purposes? (4.6.2.6.) | | | |
| 4.4. | Does the Electrical-Environmental Section perform off-equipment maintenance for aircraft and aircrew CO2 cylinders? (4.6.2.7.) | | | |
| 4.5. | Does the Electrical-Environmental Section perform off equipment maintenance on type MA-1 portable breathing oxygen cylinders (portable walk around bottles) and regulators IAW applicable aircraft/equipment technical orders, to include removing and replacing the regulator and purging the bottle? (4.6.2.8.) | | | |
| 4.6. | Does the Electrical-Environmental Section perform hot purge and pump down on aircraft LN2 and LOX servicing carts? (4.6.2.9.) | | | |
| 5. | Egress Section. | | | |
| 5.1. | Does the Egress Section request assistance from the explosive ordnance disposal (EOD) unit when egress explosive devices are damaged or suspected to be unsafe? (4.6.3.3.) | | | |
| 5.2. | Does the Egress Section provide storage for egress explosive items removed during maintenance? (4.6.3.4.) | | | |
| 5.3. | Does the Egress training program to include a master training plan, explosive safety, life support certification, and MIS time change documentation qualification? (4.6.3.5.) | | | |

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|----------|---|-----|----|-----|
| 5.4. | Does the Egress section review the Egress training program semiannually? (4.6.3.5.) | | | |
| 5.5. | Does the Egress Section actively promote the accuracy of the egress TCI database in the MIS and ensure automated data products are updated anytime an egress item is replaced? (4.6.3.6.) | | | |
| 5.6. | Does the Egress Section exclusively use the egress TCI database in MIS to manage the egress TCI program? (4.6.3.6.) | | | |
| 5.7. | If egress clears suspenses, does the Egress Section ensure a snapshot of the completed job is be forwarded to PS&D personnel? (4.6.3.6.1.) | | | |
| 5.8. | Does the Egress Section provide component background information to PS&D, to include a list of all components having multiple part numbers with a different service life? (4.6.3.6.2.) | | | |
| 5.9. | Does the Egress Section validate and verify all MIS egress data for each aircraft? (4.6.3.6.2.) | | | |
| 5.10. | Does the Egress Section meet with PS&D annually, as a minimum, to review each aircraft's data? (4.6.3.6.2.) | | | |
| 5.11. | Does the Egress Section coordinate with MDSA section to establish a monthly requirement for MIS products to help manage egress TCIs? (4.6.3.6.3.) | | | |
| 5.12. | Does the Egress Section "safe" aircraft according to 00-80-series and weapon system TOs? (4.6.3.6.4.) | | | |
| 5.13. | Does the Egress Section coordinate with the WG/CC to ensure all permanently decommissioned static display aircraft are made safe and explosive devices removed, condemned, or turned in to LRS (AFMAN 23-110)? (4.6.3.7.) | | | |
| 5.14. | Does the Egress Section ensure all assigned ground instructional training aircraft (GITA) are made permanently safe? (4.6.3.8.) | | | |
| 5.15. | Is Egress Section is responsible for overall management and control of the egress configuration management. (CAMS/REMIS corrections)? (4.6.3.9.) | | | |
| 6. | Fuel Systems Section. | | | |
| 6.1. | Does the Fuels supervisor ensure assigned personnel receive periodic physical examinations as established by the base medical service? (4.6.4.1.1) | | | |
| 6.2. | Does the Fuels supervisor ensure Occupational physicals are tracked in MIS? (4.6.4.1.1.) | | | |

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|----------|---|-----|----|-----|
| 6.3. | Does the Fuels supervisor set up controls to prevent unauthorized entry into fuel cell and hydrazine repair areas? (4.6.4.1.2.) | | | |
| 6.4. | Does the Fuels supervisor provide hydrazine safety training, as applicable? 4.6.4.1.3.) | | | |
| 6.5. | Does the Fuels supervisor provide safety training to all personnel who enter aircraft fuel tanks or open fuel tank areas to perform maintenance or assist? (4.6.4.1.4.) | | | |
| 6.6. | Does the Fuels supervisor perform safety inspections on fuels facilities? (4.6.4.1.6.) | | | |
| 6.7. | Does the Fuels supervisor ensure open tank repair areas and equipment used for open fuel tank/hydrazine maintenance meet aircraft-specific TO and AFOSH STD 48-8? (4.6.4.1.6.) | | | |
| 6.8. | Does the Fuels supervisor manage and document non-grounding fuel leaks according to TO 1-1-3, <i>Inspection and Repair of Aircraft Integral Tanks and Fuel Cells</i> , and applicable aircraft TOs? (4.6.4.1.7) | | | |
| 6.9. | Does the Fuels supervisor coordinate with PS&D to schedule aircraft with non-grounding fuel leaks through the fuel system repair facility to prevent further deterioration of aircraft condition? (4.6.4.1.7.) | | | |
| 6.10. | Does the fuels section perform all maintenance and inspections on AME fuel tanks? (4.6.4.1.8.1.1.) | | | |
| 6.11. | Does the fuels section ensure all maintenance actions are recorded in MIS and Significant History Data Record (SHDR) for external tanks? (4.6.4.1.8.1.2.) | | | |
| 6.12. | Does the fuels section purge and preserve external tanks that require ground shipment? (4.6.4.1.8.1.3.) | | | |
| 6.13. | Does the fuels section meet as required with PS&D to schedule external fuel tanks for inspection or TCTOs? (4.6.4.1.8.1.4.) | | | |
| 6.14. | Does the fuels section perform all maintenance and inspections on WRM fuel tanks? (4.6.4.1.8.2.1.) | | | |
| 6.15. | Does the appropriate system specialist maintain release systems components requiring repair? (4.6.4.1.8.2.1) | | | |
| 6.16. | After maintenance, does the appropriate system specialist notify LRS to pick up the tank? (4.6.4.1.8.2.1) | | | |
| 6.17. | Does the fuels section ensure that all maintenance actions are recorded in MIS? (4.6.4.1.8.2.2.) | | | |
| 6.18. | Does the fuels section purge and preserve fuel tanks for storage and shipment? (4.6.4.1.8.2.3.) | | | |

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|----------|---|-----|----|-----|
| 6.19. | Does the fuels section provide equipment, tools, and bench stocks for WRM tank build-up (TBU) training? (4.6.4.1.8.2.4.) | | | |
| 6.20. | Does the fuels section meet quarterly with the MXG/CC WRMO/WRM NCO and Maintenance training to identify personnel for WRM TBU teams, establish TBU training classes, and review WRM TBU mission capability (MISCAP) statement as it applies to the wing's tasking? (4.6.4.1.8.2.5.) | | | |
| 6.21. | Does the fuels section meet quarterly with MXG/CC WRMO/WRMNCO and LRS representatives to review inspection criteria for stored WRM tanks, schedule tank inspections and maintenance, and report on monthly walk-through of WRM if applicable? (4.6.4.1.8.2.6.) | | | |
| 6.22. | Does the fuels section establish notification procedures to inform the base fire department when open fuel tank repairs are in progress and when maintenance is complete? (4.6.4.1.9.) | | | |
| 6.23. | Does the fuels section ensure compliance with a Confined Space Entry Program IAW TO 1-1-3 and AFOSH 91-25? (4.6.4.1.10.) | | | |
| 6.24. | Does the fuels section ensure compliance with a respiratory protection program that covers use, storage, cleaning, and inspection of respirators, hoses, and associated support equipment? (4.6.4.1.11) | | | |
| 6.25. | Does the fuels section ensure required training is annually complied with IAW AFOSH 48-137? (4.6.4.1.11) | | | |
| 6.26. | Does the fuels section maintain in-flight refueling receptacle systems? (4.6.4.1.12.) | | | |
| 6.27. | Does the fuels section contact owning organizations when fuel system maintenance is complete on AME fuel tanks? (4.6.4.1.13.) | | | |
| 7. | Hydraulics Section. | | | |
| 7.1. | Does the Hydraulics Section perform local manufacture and testing of flexible hose assemblies and testing of rigid tubing, if applicable? (4.6.5.1.) | | | |
| 7.2. | Does the Hydraulics Section perform pneudraulic maintenance on munitions maintenance loading and handling equipment that is beyond Munitions Element repair capabilities? (4.6.5.2.) | | | |
| 7.3. | When required, does the Hydraulics Section establish an aerial refueling receptacle, boom, or drogue system maintenance capability to maintain peculiar electrical, hydraulic, and mechanical components? (4.6.5.3.) | | | |

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|----------|--|-----|----|-----|
| 7.4. | Does the Hydraulics Section repair, overhaul, and bench check flight control, landing gear, and hydraulic power system components? (4.6.5.4.) | | | |
| 7.5. | Does the Hydraulics Section review Air Logistics Center drawing IAW TO 4S-1-182, to ensure cleaners used on landing gear components are approved? (4.6.5.5.) | | | |
| 8. | Repair and Reclamation Section. | | | |
| 8.1. | Does the R&R function remove, replace, and rig flight control surfaces/systems on primary assigned aircraft? (4.6.6.1.) | | | |
| 8.2. | Does the R&R function troubleshoot, rig, and replace landing gears, actuated doors, canopies and associated equipment requiring component maintenance beyond the capability of other activities? (4.6.6.2.) | | | |
| 8.3. | When directed by the MXG/CC, does the Hydraulics Section establish specialized maintenance rig teams to accomplish flight control, canopy, landing gear, door systems, and other systems rigging? (4.6.6.3.) | | | |
| 8.4. | Do specialized rig teams consist of highly qualified personnel trained on each particular system? (4.6.6.3.) | | | |
| 8.5. | When dispatched as a team to troubleshoot CND, repeat/recurring, and FCF discrepancies, does the workcenter initiate an AFTO Form 781A and automated MIS entries for all items inspected, tested, removed, or replaced? (4.6.6.3.) | | | |
| 8.6. | Does the workcenter review corrective actions prior to final release of the aircraft? (4.6.6.3.) | | | |
| 8.7. | If required, does the workcenter remove, install, and repair towed-targets and airborne reel pods? (4.6.6.4.) | | | |
| 8.8. | Does the workcenter perform CDDAR responsibilities, and maintain program assets when assigned? (4.6.6.5.) | | | |
| 8.9. | Does the workcenter accomplish and document inspections of crash recovery equipment IAW applicable directives, or at least semiannually if no directive is available? (4.6.6.5.) | | | |
| 9. | Wheel and Tire (W&T) Section. | | | |
| 9.1. | If a supply point for built-up work is set up in the shop, are DIFM processing procedures used? (4.6.7.) | | | |
| 9.2. | Does the supervisor send issue and turn-in documents to the repair cycle support unit? (4.6.7.) | | | |
| 9.3. | Does the supervisor manage build-up, repair, test, and storage of wheel and tire components? (4.6.7.1.) | | | |

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|----------|---|-----|----|-----|
| 9.4. | Does the Wheel and Tire (W&T) Section provide the capability to degrease wheel components and disassembly for NDI inspection IAW TO 4W-1-61 prior to processing through corrosion and the NDI laboratory? (4.6.7.2.) | | | |
| 9.5. | Does the Wheel and Tire (W&T) Section clean, inspect, and properly store wheel bearings? (4.6.7.3.) | | | |
| 9.6. | Wheel and Tire (W&T) Section ensure positive procedures are in place to prevent co-mingling of bearings? (4.6.7.3.1.) | | | |
| 9.7. | Does the Wheel and Tire (W&T) Section inspect and maintain safety equipment? (4.6.7.4.) | | | |
| 10. | Aerospace Ground Equipment (AGE) Element. | | | |
| 10.1. | Does the AGE Element maintain AGE in direct support of sortie production and back shop maintenance activities? (4.7.1.1.) | | | |
| 10.2. | Does the AGE Element pick up, service, deliver, repair, modify, and inspect assigned AGE with the exception of non-powered munitions materiel handling equipment (MMHE), propulsion support equipment (SE), vehicle SE, and avionics SE? (4.7.1.2.) | | | |
| 10.3. | Does the AGE Element perform chassis, enclosure, and trailer maintenance on gaseous and cryogenic servicing units? (4.7.1.3.) | | | |
| 10.4. | Does the AGE Element manage all support equipment maintenance and inspection scheduling activities for AGE maintained by the element? (4.7.1.4.) | | | |
| 10.5. | Is the AGE Element structured to most effectively utilize manpower and resources? (4.7.1.5.) | | | |
| 10.6. | Does the AGE Element enforce the proper use of approved cleaning compounds IAW TO 35-1-3, TO 35-1-12 and Qualified Products Listings (QPL)? (4.7.1.6.) | | | |
| 10.7. | Does the AGE Element maintain AGE equipment and usage records as required for environmental compliance IAW AFI 32-7041 and applicable federal, state, DoD, AF, ANG, installation, and local requirements and guidance? (4.7.1.7.) | | | |
| 10.8. | Does the AGE Element maintain all assigned F-2 type trailers? (4.7.1.8.) | | | |
| 10.9. | Does the AGE Element ensure trailers placed in-use receive pre and post-use serviceability inspections? (4.7.1.8) | | | |
| 10.10. | Does the AGE Element develop periodic inspection requirements (maximum interval of 18 months) for trailers in storage? (4.7.1.8.) | | | |

| ITEM NO. | ITEM AND REFERENCES (All references are to ANGI 21-101 unless otherwise indicated) | YES | NO | N/A |
|----------|---|-----|----|-----|
| 10.11. | Do the periodic inspection requirements for trailers in storage include: corrosion inspection and preservation treatment, tire inflation check, and wheel bearing and chassis lubrication? (4.7.1.8.1, 4.7.1.8.2. and 4.7.1.8.3.) | | | |
| 11. | AGE Supervisor Responsibilities. | | | |
| 11.1. | Does the AGE Supervisor coordinate annually with applicable maintenance supervisions to identify types and minimum quantities of mission essential level (MEL) AGE (powered and NPA)? (4.7.2.1.) | | | |
| 11.2. | Does the AGE Supervisor ensure mission essential AGE status is tracked daily using MIS, AF 2431, Aerospace Ground Equipment Status, or locally developed electronic product? (4.7.2.2.) | | | |
| 11.3. | Does the AGE Supervisor ensure the status will be provided to the MOC when it falls below MEL? (4.7.2.2) | | | |
| 11.4. | Does the AGE Supervisor establish a field numbering system and maintain it IAW TO 35-1-3, on assigned AGE? (4.7.2.3.) | | | |
| 11.5. | Does the AGE Supervisor ensure the MIS is used for equipment scheduling to the maximum extent possible? (4.7.2.4.) | | | |
| 11.6. | Does the AGE Supervisor control fuel dispensed from issue tanks IAW AFMAN 23-110, and AFI 23-204? (4.7.2.5.) | | | |
| 11.7. | Does the AGE Supervisor ensure the uniform repair and replacement criteria program is implemented IAW TO 00-25-240 and TO 35-1-25? (4.7.2.6.) | | | |
| 11.8. | Does the AGE Supervisor review all Dull Sword reports for MMHE listed in TO 00-110N-16, <i>USAF Nuclear Certified Equipment and Software</i> , that are maintained by the AGE? (4.7.2.7.) | | | |
| 11.9. | Does the AGE Supervisor coordinate welding requirements with the Fabrication element supervisor? (4.7.2.8.) | | | |
| 11.10. | For AGE welding requirements not covered by end item technical orders, do both supervisors, AGE and Fabrication, determine the economy of repair action? (4.7.2.8.) | | | |
| 11.11. | Is the safety determination made by the Fabrication element supervisor? (4.7.2.8.) | | | |
| 11.12. | Do the Fabrication element supervisor ensure the AGE material requiring repair meets general welding guidelines IAW TO 34W4-1-5? (4.7.2.8) | | | |
| 11.13. | Does the AGE Supervisor approve and control AGE cannibalization? (4.7.2.9.) | | | |

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|----------|---|-----|----|-----|
| 11.14. | Does the AGE Supervisor set up procedures for AGE support section to initiate cannibalization work orders? (4.7.2.9.) | | | |
| 11.15. | In conjunction with maintenance training, does the AGE Supervisor establish and monitor the AGE operator training program. (4.7.2.10.) | | | |
| 11.16. | Does the AGE Supervisor coordinate with structural maintenance, if applicable, to establish an AGE corrosion control prevention program? (4.7.2.11.) | | | |
| 11.17. | If tasked, does the AGE Supervisor establish written procedures for supporting equipment and personnel when there is a need to provide local support activities at a down-range location or satellite base? (4.7.2.12.) | | | |
| 11.18. | Does the AGE Supervisor ensure equipment is prepared for storage or shipment according to TO 35-1-4 and applicable end item TOs? (4.7.2.13.) | | | |
| 11.19. | Does the AGE Supervisor ensure equipment is prepared to meet mobility taskings? (4.7.2.14.) | | | |
| 11.20. | Does the AGE Supervisor provide annual equipment listings to the ANG/LGMM manager by the last duty day of February? (4.7.2.15.) | | | |
| 11.21. | Do the equipment listings include all AS driven AGE maintained by the element (powered and non-powered) and all due-out information? (4.7.2.15) | | | |
| 11.22. | Does the AGE Supervisor ensure effective training programs are instituted and personnel are rotated, as necessary, to facilitate training and currency in all areas? (4.7.2.16.) | | | |
| 11.23. | Does the AGE Supervisor ensure all equipment status and ETIC changes are updated in the MIS? (4.7.2.20.) | | | |
| 11.24. | Has the AGE Supervisor developed a training program to qualify personnel on all aspects of AGE maintenance? (4.7.2.17.) | | | |
| 11.25. | Does the AGE Supervisor monitor qualification training and documentation of training records? (4.7.2.18.) | | | |
| 11.26. | Does the AGE Supervisor coordinate with maintenance supervision for daily AGE requirements? (4.7.2.19.) | | | |
| 11.27. | Does the AGE Supervisor ensure shop equipment is inspected and annotated on the AF 2411, Inspection Document or AFTO Form 244? (4.7.2.21.) | | | |
| 11.28. | Does the AGE Supervisor ensure all AGE scheduled maintenance is planned and scheduled? (4.7.2.22.) | | | |

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|----------|---|-----|----|-----|
| 11.29. | Does the AGE Supervisor prepare an AGE maintenance plan? (4.7.2.22.) | | | |
| 11.30. | Does the AGE Supervisor maintain a current equipment scheduling report for all assigned equipment (AFSCM 21-series)? (4.7.2.22.) | | | |
| 11.31. | Does the AGE Supervisor control off-equipment work? (4.7.2.23.) | | | |
| 11.32. | Does the AGE Supervisor schedule, control, and document TCTOs/TCIs, and OTIs according to 00-20-series TOs, Chapter 15 of this instruction, and MIS AFSCM 21-series? (4.7.2.24.) | | | |
| 11.33. | Does the AGE Supervisor set scheduling priorities based on the minimum number of each type of equipment, monitors and report changes to AGE MELs (as established locally) to the MOC? (4.7.2.25.) | | | |
| 11.34. | Does the AGE Supervisor train and supervise section personnel, including the AGE scheduler and supply specialist? (4.7.2.26.) | | | |
| 11.35. | Does the AGE Supervisor ensure the element's TO files are maintained IAW TO 00-5-1/2? (4.7.2.27.) | | | |
| 11.36. | Does the AGE Supervisor manage the element's repair cycle program? (4.7.2.28.) | | | |
| 11.37. | Does the AGE Supervisor manage the element's tool storage and issue areas IAW Chapter 13 of this instruction? (4.7.2.29.) | | | |
| 11.38. | Does the AGE Supervisor manage the element's TMDE program? (4.7.2.30.) | | | |
| 11.39. | Does the AGE Supervisor manage the element's supply function? (4.7.2.31.) | | | |
| 11.40. | Does the AGE Supervisor provide parts, bench stock, and supplies IAW Chapter 8 of this instruction? (4.7.2.31.) | | | |
| 11.41. | Does the AGE Supervisor manage the element's scheduling function? (4.7.2.32.) | | | |
| 11.42. | Does the AGE Supervisor manage the element's fuels management program? (4.7.2.33.) | | | |
| 11.43. | Does the AGE Supervisor manage the element's input and participation in the Air Force Repair and Enhancement Program (AFREP)? (4.7.2.34.) | | | |
| 11.44. | Does the AGE Supervisor manage the element's hazardous material (HAZMAT), hazardous waste, and Environmental Safety and Occupational Health (ESOH) items requirement program IAW applicable directives? (4.7.2.35.) | | | |

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|-----------|---|-----|----|-----|
| 11.45. | Does the AGE Supervisor monitor the production of each section or team and recommend equipment and personnel adjustments to the element supervisor? (4.7.2.36.) | | | |
| 11.46. | Does the AGE Supervisor monitor section or team adherence to the flight's safety, training, and CTK programs and manage IAW Chapter 13 of ANGI 21-101? (4.7.2.37.) | | | |
| 11.47. | Does the AGE Supervisor frequently spot check equipment for serviceability? (4.7.2.38.) | | | |
| 11.48. | Does the AGE Supervisor resolve production conflicts between sections or teams? (4.7.2.39.) | | | |
| 11.49. | Does the AGE Supervisor in conjunction with Maintenance Training develop course control documents for AGE familiarization training? (4.7.2.40.) | | | |
| 11.50. | AGE personnel. | | | |
| 11.50.1. | Do AGE personnel correct deferred discrepancies and discrepancies discovered during inspections? (4.7.3.1.) | | | |
| 11.50.2. | Do AGE personnel perform TCTOs as required? (4.7.3.2.) | | | |
| 11.50.3. | Do AGE personnel validate all AGE NMCS and parts requests before placing items on order? (4.7.3.3.) | | | |
| 11.50.4. | Do AGE personnel prepare AGE and section equipment for storage or shipment? (4.7.3.4.) | | | |
| 11.50.5. | Do AGE personnel perform corrosion inspections of AGE and treat corrosion before assembly? (4.7.3.5.) | | | |
| 11.50.6. | Do AGE personnel clean, tag, and prepare components before routing through the repair cycle? (4.7.3.6.) | | | |
| 11.50.7. | Do AGE personnel perform AGE operational checks before returning equipment to the serviceable status? (4.7.3.7.) | | | |
| 11.50.8. | For consolidated aircraft support system (CASS) units, do AGE personnel repair, inspect, and service flexible conditioned air ducts, liquid coolant hoses, start (bleed) air ducts, power cables, and couplings? (4.7.3.9.) | | | |
| 11.50.9. | Do AGE personnel perform servicing inspections on powered and non-powered AGE according to equipment work cards to ensure proper fuel and oil operating levels, and other servicing requirements are met? (4.7.3.10.) | | | |
| 11.50.10. | Do AGE personnel review AFTO Forms 244/245 for equipment prior to maintenance? (4.7.3.12.) | | | |
| 11.50.11. | Do AGE personnel move equipment on the flightline in support of the expediter? (4.7.3.16.) | | | |

| ITEM NO. | ITEM AND REFERENCES (All references are to ANGI 21-101 unless otherwise indicated) | YES | NO | N/A |
|-----------|--|-----|----|-----|
| 11.50.12. | Is initial radio operator familiarization training given to vehicle drivers? (4.7.3.20.) | | | |
| 11.50.13. | Does the AGE element supervisor establish proper distribution and control of assigned vehicles? (4.7.3.20.) | | | |
| 12. | Avionics Element. | | | |
| 12.1. | Does the Avionics Element Supervisor coordinate with maintenance leaders to develop procedures for accomplishing programming of EW systems? (4.9.2.1.) | | | |
| 12.2. | Does the element develop maintenance procedures, in conjunction with the OG/CC, to accomplish programming of Electronic Warfare Systems to include secure voice, IFF and Data Link? (4.9.2.1) | | | |
| 12.3. | Does the Avionics Element Supervisor ensure control and storage of assigned AME (AFI 21-103)? (4.9.2.2.) | | | |
| 12.4. | Does the Avionics Element Supervisor develop local procedures for control and storage of items not specified in dash 21 TOs? (4.9.2.2.) | | | |
| 12.5. | Does the Avionics Element Supervisor ensure personnel do not make unauthorized or false transmissions on international distress frequencies? (4.9.2.3.) | | | |
| 12.6. | Does the Avionics Element Supervisor ensure cryptography components are controlled and maintained according to National Security Agency and HQ USAF/XOI directives? (4.9.2.4.) | | | |
| 12.7. | Does the Avionics Element Supervisor ensure adequate personnel are trained and qualified to perform on station calibration tasks formerly handled by Type IV PMEL to include the calibration and repair of torque wrenches when not performed or maintained by PMEL, when approved by AFMETCAL Det 1? (4.9.2.5.) | | | |
| 12.8. | Does the Avionics Element Supervisor Implement the "Bad Actor" program IAW TO 00-20-1? (4.9.2.6.) | | | |
| 12.9. | Does the Avionics Element Supervisor establish procedures and ensure configuration control of all applicable software are both current (latest date) and correct for the application and use for which it is intended? (4.9.2.7.) | | | |
| 12.10. | Does the Avionics Element Supervisor ensure technicians check Automated Computer Program Identification Number System (ACPINS) at least weekly for software updates for assigned systems? (4.9.2.7.) | | | |

| ITEM NO. | ITEM AND REFERENCES (All references are to ANGI 21-101 unless otherwise indicated) | YES | NO | N/A |
|----------|---|-----|----|-----|
| 12.11. | Does the Avionics Element Supervisor ensure a software sub-account will be established, allowing the shop/section access to the ACPINS? (4.9.2.7.) | | | |
| 12.12. | Does the Avionics Element Supervisor ensure software configuration control will be maintained IAW TO 00-5-16 and TO 00-5-17? (4.9.2.7.) | | | |
| 12.13. | Does the Avionics Element Supervisor manage and direct work effort of the repair team, and are they responsible for the quality of maintenance performed? (4.9.2.8.) | | | |
| 12.14. | Does the Avionics Element Supervisor manage and direct could not duplicate (CND) or bench check serviceable (BCS) screening if the required support equipment is authorized and on-hand? (4.9.2.9.1.) | | | |
| 12.15. | Does the Avionics Element Supervisor manage and direct Wing-level TCTOs. if the required support equipment is authorized and on-hand? (4.9.2.9.2.) | | | |
| 12.16. | Does the Avionics Element Supervisor manage and direct LRU operational flight program (OFP) loads if the required support equipment is authorized and on-hand? (4.9.2.9.3.) | | | |
| 12.17. | Does the Avionics Element Supervisor manage and direct cross-cannibalization of shop-replaceable units (SRU) if the required support equipment is authorized and on-hand? (4.9.2.9.4.) | | | |
| 12.18. | Does the Avionics Element Supervisor manage and direct replacement of minor bits and pieces if the required support equipment is authorized and on-hand? (4.9.2.9.5.) | | | |
| 13. | Communication-Navigation Section. | | | |
| 13.1. | Does the Communication-Navigation Section perform CND screening on communication and navigation components and systems, including assigned SE not maintained by TMDE? (4.9.3.1.) | | | |
| 13.2. | Does the Communication-Navigation Section perform on/off-equipment maintenance on communication and navigation components and systems, including assigned SE not maintained by TMDE? (4.9.3.1.) | | | |
| 13.3. | Does the Communication-Navigation Section maintain communications and navigation systems, components, and test equipment designated "user responsibility" in TO 33K-1-100-CD-1? (4.9.3.2.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 13.4. | Is the Communication-Navigation Section responsible for maintenance of radar altimeters, Mark XII systems (AIMS), identification friend or foe (IFF) systems, direction finder equipment that is an integral part of airborne radios, secure voice systems, long range aids to navigation (LORAN), and global positioning systems? (4.9.3.2.) | | | |
| 14. | Guidance and Control Systems (GCS) Section. | | | |
| 14.1. | Does the Guidance and Control Systems (GCS) Section ensure the calibration and repair of torque wrenches when not performed or maintained by PMEL, when approved by AFMETCAL Det 1? (4.9.4.1.) | | | |
| 14.2. | Does the Guidance and Control Systems (GCS) Section maintain compass and stability augmentation systems (SAS), weapons release computer systems (WRCS), flight data recorders (FDR), maintains fuel savings advisory systems (FSAS), Malfunction, Detection, Analysis and Recording Subsystem (MADAR), Doppler systems, navigational computers, loads environment spectra survey (LESS) recorder systems, ground proximity warning systems (GPWS), and assigned SE not maintained by TMDE? (4.9.4.2.) | | | |
| 14.3. | Does the Guidance and Control Systems (GCS) Section maintain engine test cell aircraft instrumentation and test equipment designated "user responsibility" in TO 33K-1-100-CD-1? (4.9.4.3.) | | | |
| 14.4. | Does the Guidance and Control Systems (GCS) Section perform off-equipment maintenance and/or CND screening on guidance and control components and systems to include assigned SE not maintained by TMDE? (4.9.4.3.) | | | |
| 15. | Weapons Control System Section. | | | |
| 15.1. | Does the Weapons Control System Section maintain aircraft weapons control systems, lead computing optical sight systems and assigned SE not maintained by TMDE? (4.9.5.1.) | | | |
| 16. | Sensors Section. | | | |
| 16.1. | Does the Sensors Section perform on/off-equipment maintenance of sensor systems and associated support equipment not maintained by TMDE? (4.9.6.1.) | | | |
| 16.2. | Does the Sensors Section maintain pod histories, pod statistics and scheduling records? (4.9.6.2.) | | | |
| 16.3. | Does the Sensors Section maintain AN/AAS-35 Pave Penny Target Identification Set Laser (TISL) systems? (4.9.6.2.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 16.4. | Does the Sensors Section maintain and operate simulated laser target (SLT), AVTR, Cockpit Television Sensor (CTVS), Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) pods and systems, LANTIRN Mobility Shelter Set (LMSS), Forward Looking Infrared Radar (FLIR), Downward Looking Infrared Radar (DLIR), Improved Weather Reconnaissance System (IWRs), and Infrared Acquisitions/ Designation System (IRADS)? (4.9.6.1.) | | | |
| 17. | Electronic Warfare System (EWS) Section. | | | |
| 17.1. | Does the Electronic Warfare (EW) Shop perform on- and/or off-equipment maintenance on Radar Warning Receivers (RWR), chaff/flare dispensers, and Electronic Countermeasure (ECM) systems? (4.9.7.1.) | | | |
| 17.2. | Do EW personnel ensure all classified EW systems and TMDE are properly stored, transported, and controlled? (4.9.7.1.) | | | |
| 17.3. | Does the Electronic Warfare (EW) Shop maintain EWS status and scheduling records? (4.9.7.2.) | | | |
| 17.4. | Does the Electronic Warfare (EW) Shop report Electronic Attack (EA) pod status to Reliability, Availability, Maintainability, for Pods and Integrated Systems (RAMPOD) if maintaining EA pod equipment? (4.9.7.3.) | | | |
| 17.5. | Does the Electronic Warfare (EW) Shop report other EWS status in accordance with technical orders 00-20-1, and -2? (4.9.7.3.) | | | |
| 17.6. | Does the Electronic Warfare (EW) Shop store and control non-installed EA pods according to applicable directives? (4.9.7.4.) | | | |
| 17.7. | Are other removed EWS components controlled in accordance with technical order 00-20-3? (4.9.7.4.) | | | |
| 17.8. | Do EA pod maintenance functions establish programs to effectively manage cannibalization pods to return them to service at a minimum every time the Preventive Maintenance Inspection (PMI) is due? (4.9.7.5.) | | | |
| 17.9. | Does the Electronic Warfare (EW) Shop maintain inventory control of EWS alternate mission equipment? (4.9.7.6.) | | | |
| 17.10. | Does the Electronic Warfare (EW) Shop load proper contingency and training configuration settings in ECM pods, infrared countermeasures systems and radar warning receivers (RWR) unless equipment/responsibility is assigned to another repair section? (4.9.7.6.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 17.11. | Does the Electronic Warfare (EW) Shop develop an EWS assessment program to verify system operation in accordance with applicable aircraft and system technical data? (4.9.7.7.) | | | |
| 17.12. | When applicable and directed, does the Electronic Warfare (EW) Shop determine maintenance responsibility for aircraft adapter group equipment? (4.9.7.8.) | | | |
| 17.13. | Does the Electronic Warfare (EW) Shop load proper contingency and training software in reprogrammable EWS in accordance with applicable system technical data and AFI 10-703? (4.9.7.9.) | | | |
| 18. | Avionics Intermediate Shop. | | | |
| 18.1. | Does the Avionics Intermediate Shop (AIS) ensure the calibration and repair of torque wrenches when not performed or maintained by PMEL, when approved by AFMETCAL Det 1? (4.9.8.) | | | |
| 18.2. | Does AIS maintain programs and perform TCTOs on avionics components specific to assigned test stations and support equipment? (4.9.8.1.) | | | |
| 18.3. | Does AIS maintain, calibrate, certify and perform TCTOs on assigned SE not maintained by TMDE? (4.9.8.2.) | | | |
| 18.4. | Is AIS responsible for overall management and control of the Automatic Test Reporting System (ATERS) (CAMS/REMIS corrections)? (4.9.8.3.) | | | |
| 18.5. | Does the Video Shop perform on- and off-equipment maintenance on airborne video equipment such as video cameras, motion picture projectors, slide film projectors, video monitors, processing and distribution amplifiers, video audio switchers, synchronizing generators, and control circuitry? (4.9.9.) | | | |
| 18.6. | Does Sensor/CTVS/AVTR perform on- and off-equipment maintenance on sensors, cockpit video system, and airborne video tape recording system? (4.9.10.) | | | |
| 19. | Fabrication Element. | | | |
| 19.1. | Does the Fabrication Element supervisor provide sufficient local manufacture capability to meet mission requirements and monitors all local manufacture work order requests? (4.10.2.1.) | | | |
| 19.2. | Does the Fabrication Element supervisor coordinate repair requirements with the AGE element chief? (4.10.2.2.) | | | |
| 19.3. | For AGE welding requirements not covered by end-item technical orders, do both element chiefs determine the economy of repair action? (4.10.2.2) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 19.4. | Does the fabrication element chief make safety determinations? (4.10.2.2.) | | | |
| 19.5. | Does the Fabrication Element supervisor ensure the material of AGE requiring repair meets the general welding guidelines in TO 34W4-1-5 and AFOSH STD 91-5? (4.10.2.2.) | | | |
| 19.6. | Does the Fabrication Element supervisor develop procedures to ensure assigned survival equipment specialist personnel are trained and certified on thermal protective devices and shields IAW Chapter 18 of ANGI 21-101? (4.10.2.3.) | | | |
| 20. | Aircraft Structural Maintenance (ASM) Section. | | | |
| 20.1. | Does the Aircraft Structural Maintenance (ASM) supervisor design and construct special forming fixtures and dies? (4.10.3.) | | | |
| 20.2. | Does the ASM supervisor ensure special fixtures, dies and forming tools are protected to prevent damage? (4.10.3.1.) | | | |
| 20.3. | Does the ASM supervisor ensure repair of honeycomb panels, skin stressed dome antenna panels, dome antennas, radomes, metal-bonded, and composite materials? (4.10.3.2.) | | | |
| 20.4. | Does the ASM supervisor manufacture metal tubing, conduits, and cables IAW drawings and specifications? (4.10.3.3.) | | | |
| 20.5. | Does the ASM supervisor stock supplies and equipment to support aircraft and equipment washing, inspection, and treatment when assigned? (4.10.3.4.) | | | |
| 20.6. | Does the ASM supervisor purchase equipment and materials and ensure facilities are available to provide the capability to chemically or mechanically inspect, remove, and treat corrosion on aircraft, engines, AGE, and components? (4.10.3.5.) | | | |
| 20.7. | Does the Aircraft ASM supervisor monitor the washing and corrosion inspection schedule in the weekly and monthly maintenance plans? (4.10.3.6.) | | | |
| 20.8. | Does the ASM supervisor ensure protective/LO coatings are applied to aircraft, AGE, applicable munitions, and components per applicable TOs and IAW local, state and federal environmental directives? (4.10.3.7.) | | | |
| 20.9. | Does the ASM supervisor provide training and assistance to sections managing their own corrosion programs to include cleaning operations, corrosion prevention, inspection, removal, and treatment techniques? (4.10.3.8.) | | | |
| 20.10. | Does the ASM supervisor perform corrosion control and ensure wash rack procedures/requirements are accomplished IAW AFI 21-105, ANG instructions, and MDS-specific TOs? (4.10.3.9.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 20.11. | Does the ASM supervisor manage the aircraft wash rack and the corrosion control facilities, when assigned? 4.10.3.9 | | | |
| 20.12. | Does the ASM supervisor ensure personnel are rotated to maintain currency in all aspects of the career field, e.g., coating application and removal, Radar Absorbent Materiel (RAM) application and removal, insignia and markings, and structural repair competency? (4.10.3.10.) | | | |
| 20.13. | Does the ASM supervisor develop procedures to ensure assigned ASM personnel are trained and certified on aircraft intake maintenance IAW Chapter 18 of ANGI 21-101? (4.10.3.11.) | | | |
| 20.14. | Does the ASM supervisor maintain a current copy of the Qualified Products Listing (QPL)? (4.10.3.12.) | | | |
| 21. | Metals Technology Section supervisor. | | | |
| 21.1. | Does the Metals Technology supervisor ensure assigned welders are certified and maintain proficiency IAW TO 00-25-252, AFI 21-105, and ANG instructions? (4.10.4.1.) | | | |
| 21.2. | Does the Metals Technology supervisor provide and enforce the use of required safety devices? (4.10.4.2.) | | | |
| 21.3. | Does the Metals Technology supervisor give safety briefings stressing the hazards of arc radiation? (4.10.4.2.) | | | |
| 21.4. | Does the Metals Technology supervisor ensure proper materials are selected for local manufacture? (4.10.4.3.) | | | |
| 21.5. | Does the Metals Technology supervisor observe machine tool set-up procedures, machine cutting operations, operations performed by hand, and general machine section operations, such as bench assembly, fitting, and adjusting machine parts? (4.10.4.4.) | | | |
| 21.6. | Does the Metals Technology supervisor ensure technicians follow procedures in AFOSH STD 91-series and 48-series? (4.10.4.5.) | | | |
| 21.7. | Does the Metals Technology supervisor ensure special tools, and fixtures are designed, fabricated, protected and properly stored? (4.10.4.6.) | | | |
| 22. | Survival Equipment Section. | | | |
| 22.1. | Does the Survival Equipment Section evaluate the extent of damage and wear to material and equipment IAW technical data, and decides whether to repair or replace? (4.10.5.2.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 22.2. | Does the Survival Equipment Section manufacture, inspect, clean, and package aircraft thermal radiation barriers IAW Chapter 18 of ANGI 21-101? (4.10.5.3.) | | | |
| 22.3. | Does the Survival Equipment Section repair 463L cargo nets, if applicable? (4.10.5.4.) | | | |
| 22.4. | Does the Survival Equipment Section maintain liaison with squadron aircrew life support sections to determine support and workload requirements? (4.10.5.5.) | | | |
| 22.5. | Does the Survival Equipment Section inspect, repair and modify protective clothing and equipment IAW technical directives? (4.10.5.6.) | | | |
| 22.6. | Does the Survival Equipment Section validate accuracy of AFTO Form 391, Parachute Log, AFTO Form 392, Parachute Repack, Inspection and Component Record and applicable flotation equipment forms? (4.10.5.7.) | | | |
| 22.7. | Does the Survival Equipment Section ensure maintenance, inspection, and repair capability exists for maintaining aircrew survival equipment through the procurement of expendable repair parts? (4.10.5.8.) | | | |
| 22.8. | Does the Survival Equipment Section establish special stock levels to support the repair and replacement of parts for anti-exposure suits? (4.10.5.8.) | | | |
| 22.9. | Does the Survival Equipment Section ensure repairs and modifications to flight clothing and other life support equipment are in strict accordance with applicable tech data? (4.10.5.9.) | | | |
| 22.10. | Does the Survival Equipment Section perform preventative, minor and major maintenance on sewing machines? (4.10.5.10.) | | | |
| 22.11. | Does the Survival Equipment Section establish a 6-month recurring training program on infrequently maintained systems to ensure personnel are proficient? (4.10.5.11.) | | | |
| 22.12. | Does the Survival Equipment Section ensure personnel conducting maintenance on parachutes are current and qualified in AFSC 2A7X4? (4.10.5.12.) | | | |
| 22.13. | If non-AFSC 2A7X4 personnel are used to conduct IPIs, do they attend a formal training course prior to conducting parachute maintenance? (4.10.5.12.) | | | |
| 23. | Non-destructive Inspection (NDI) Section NDI supervisor. | | | |
| 23.1. | Does the NDI supervisor ensure capability exists to perform optical, dye-penetrant, magnetic particle, ultrasonic, eddy current, and radiographic inspections? (4.10.6.1.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 23.2. | Does the NDI supervisor maintain liaison with the base medical service that provides occupational physicals, emergency treatments, film badge services, and act as radiographic advisors IAW AFI 48-125 and AFOSH 91-110? (4.10.6.2.) | | | |
| 22.3. | Does the NDI supervisor control and dispose of radiographic silver-bearing material IAW AFMAN 23-110? (4.10.6.3.) | | | |
| 23.4. | Does the NDI supervisor coordinate with the base medical and photo facilities to prevent duplication of disposal effort? (4.10.6.3.) | | | |
| 23.5. | Does the NDI supervisor perform NDI of aircraft, engines, AGE, and other equipment? (4.10.6.4.) | | | |
| 23.6. | Does the NDI supervisor establish technique files using AFTO Forms 242, Nondestructive Inspection Data, and TO 33B-1-1? (4.10.6.5.) | | | |
| 23.7. | Does the NDI supervisor ensure process control procedures IAW TO 33B-1-1 and other directives? (4.10.6.6.) | | | |
| 23.8. | Does the NDI supervisor ensure radiographic film files contain the last complete set of radiographs for each assigned aircraft and engine by serial number or ID number? (4.10.6.7.) | | | |
| 23.9. | Does the NDI supervisor ensure contractor personnel are qualified according to National Aerospace Standard (NAS) 410? (4.10.6.8.) | | | |
| 24. | Propulsion Element Supervisor responsibilities. | | | |
| 24.1. | Is the Propulsion Element supervisor the focal point for propulsion maintenance programs, focusing on continuity, compliance and standardization? (4.13.2.1.) | | | |
| 24.2. | Does the Propulsion Element supervisor provide advice to leadership on propulsion issues, and monitor all aspects of propulsion maintenance program? (4.13.2.1.) | | | |
| 24.3. | Does the Propulsion Element supervisor act as the Group 2A6X1 AFSC functional manager, providing technical guidance to achieve and maintain quality propulsion systems to support the wing mission? (4.13.2.2.) | | | |
| 24.4. | Does the Propulsion Element supervisor review production data to ensure propulsion units and components processed through the element are repaired and functionally checked in accordance with established flow times, including quick engine change (QEC) configuration when applicable? (4.13.2.3.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 24.5. | Does the Propulsion Element supervisor coordinate with the engine manager to ensure accurate engine and equipment status reporting? (4.13.2.4.) | | | |
| 24.6. | Does the Propulsion Element supervisor provide JEIM regional repair (QUEEN BEE), and/or engine regional repair center (ERRC) support to other organizations, when directed? (4.13.2.5.) | | | |
| 24.7. | Does the Propulsion Element supervisor develop guidelines to comply with Air Force and wing OAP requirement IAW 33 series technical orders and AFI 21-124? (4.13.2.6.) | | | |
| 24.8. | Does the Propulsion Element supervisor determine kit requirements for recurring maintenance actions if applicable? (4.13.2.7.) | | | |
| 24.9. | Does the Propulsion Element supervisor review/analyze all unscheduled engine or module removals and test cell rejects IAW AFI 21-104? (4.13.2.8.) | | | |
| 24.10. | Does the Propulsion Element supervisor review/analyze major component failure trends? (4.13.2.8.1.) | | | |
| 24.11. | Does the Propulsion Element supervisor provide advice to the Group Commander's Engine Trending and Diagnostic (ET&D) program, as required? (4.13.2.8.2.) | | | |
| 24.12. | Does the Propulsion Element supervisor monitor proper disposition of engines and components IAW technical directives? (4.13.2.9.) | | | |
| 24.13. | Does the Propulsion Element supervisor establish CANN procedures for in-shop, flightline and deployed locations according to Chapter 18 of ANGI 21-101 and TO 00-20-2, including coordination with the Engine Management (EM) section? (4.13.2.10.) | | | |
| 24.14. | Does the Propulsion Element supervisor ensure the procedures ensure sufficient time remains on TCIs prior to CANN action approval? (4.13.2.10.) | | | |
| 24.15. | Does the Propulsion Element supervisor ensure availability of all maintenance documentation (TO 00-20-2), including accomplishment of AFTO Forms 244 and 245 on engine test stands, test cells, NSS, and propulsion support equipment (includes cranes and hoists, trailers, etc.)? (4.13.2.11.) | | | |
| 24.16. | Does the Propulsion Element supervisor coordinate with base civil engineering to provide maintenance on NSS and engine test cells? (4.13.2.12.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 24.17. | If the wing or squadron is a tenant, does the Propulsion Element supervisor incorporate this maintenance requirement into the host-tenant support agreement? (4.13.2.12) | | | |
| 24.18. | Does the Propulsion Element supervisor ensure maintenance contract is established IAW AFI 32-1001, Section D? (4.13.2.12.) | | | |
| 24.19. | Does the Propulsion Element supervisor ensure an engine run qualification/certification program is established IAW AFI 11-21, and Chapter 18 of ANGI 21-101? (4.13.2.13.) | | | |
| 24.20. | Does the MXG/CC or OG/CC (as appropriate) appoint a Unit Engine Run Program Manager, preferably within the engine shop? (4.13.2.13.) | | | |
| 24.21. | Does the Propulsion Element supervisor ensure each individual designated as engine-run qualified is task certified on the SCR and their certification is documented in MIS by aircraft MDS/ engine series with maximum power settings specified, when applicable? (4.13.2.13.) | | | |
| 24.22. | Does the Propulsion Element supervisor establish a forecast list of supplementary part requirements based on a review of repair documentation for the preceding 6 months, and ensure adequate stock of the items is available as applicable to the MDS? (4.13.2.14.) | | | |
| 24.23. | Does the Propulsion Element supervisor ensure specialized and long life shipping devices and containers are accounted for and maintained in a serviceable condition (AFMAN 23-110, AFI 21-104, and TO 00-85-20)? (4.13.2.15.) | | | |
| 24.24. | Does the Propulsion Element supervisor ensure that engines and engine components removed from crashed damaged aircraft are disposed of properly (AFMAN 23-110)? (4.13.2.16.) | | | |
| 24.25. | Does the Propulsion Element supervisor determine if pre-maintenance test cell runs are required for all engines removed? (4.13.2.17.) | | | |
| 24.26. | Does the Propulsion Element supervisor designate qualified personnel as bearing inspectors? (4.13.2.18.) | | | |
| 24.27. | Does the Propulsion Element supervisor ensures a flexible and rigid borescope certification program, for each TMSM possessed, is established IAW Chapter 18 of this instruction? (4.13.2.19.) | | | |
| 24.28. | Does the Propulsion Element supervisor ensure a blade blending certification program, for each TMSM possessed, is established IAW Chapter 18 of ANGI 21-101? (4.13.2.20.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 24.29. | Does the Propulsion Element supervisor track the status of ready spare engines using a visual display or automated product showing: serial number; configuration (type and position, if applicable); time remaining until next scheduled engine removal, overhaul or reconditioning, preservation date, type accomplished, re-preservation due date, OAP code (if applicable), and remarks? (4.13.2.21.) | | | |
| 24.30. | Does the Propulsion Element supervisor work closely with MOF EM section to program engine removals for the weekly and monthly maintenance plans? (4.13.2.22.) | | | |
| 24.31. | Does the Propulsion Element supervisor and the MOF EM section develop a 1-year plan to smooth surges in the engine maintenance workload? (4.13.2.22.) | | | |
| 24.32. | Does the Propulsion Element supervisor use automated methods to develop the 1-year plan and include scheduled engine removals for TCIs, PEs, and TCTOs? (4.13.2.22.) | | | |
| 24.33. | Does the Propulsion Element supervisor ensure propulsion element FOD prevention program responsibilities are followed? (4.13.2.23.) | | | |
| 24.34. | Does the Propulsion Element supervisor ensure auxiliary power units (APU) are tested, maintained and monitored IAW appropriate guidance, when assigned? (4.13.2.24.) | | | |
| 24.35. | Does the Propulsion Element support section ensure an element due-out release point and holding bins are established, and UND "A" and UJC BQ requirements are verified? (4.13.4.) | | | |
| 25. | Jet, Turboprop, Turbo-shaft Engine Intermediate Maintenance (JEIM) Section. | | | |
| 25.1. | Does the JEIM supervisor plan and monitor the progress of propulsion system maintenance, ensuring maintenance schedules are met by anticipating materials required and managing delays to prevent schedule disruptions? (4.13.5.1.) | | | |
| 25.2. | Does the JEIM supervisor prepare propulsion units and components for shipment and ensure units being returned to depot are properly identified? (4.13.5.2.) | | | |
| 25.3. | Does the JEIM supervisor attach CEMS products to life-limited components (TO 00-20-series)? (4.13.5.3.) | | | |
| 25.4. | Does the JEIM supervisor ensure documentation of TCTO compliance IAW TO 00-20-series? (4.13.5.3.) | | | |
| 25.5. | Does the JEIM supervisor ensure use of CEMS products (obtained from EM) for all assigned engines? (4.13.5.4.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|---|-----|----|-----|
| 25.6. | Does the JEIM supervisor ensure CEMS products will list all parts and serial numbers installed on the engine? (4.13.5.4.) | | | |
| 25.7. | Does the JEIM supervisor establish procedures to ensure all parts and serial numbers are inventoried when an engine is received or released by the section? (4.13.5.5.) | | | |
| 25.8. | Does the JEIM supervisor notify EM when a different serial numbered part is installed or changed so the automated record is updated? (4.13.5.5.) | | | |
| 25.9. | Does the JEIM supervisor perform production scheduling? (4.13.5.6.) | | | |
| 25.10. | At a minimum, does scheduling include: Informing element chief of significant problems and production delays, immediately informing MOF EM section of engine status changes (AFI 21-104), maintaining and reviewing production records to update flow times and identify problem areas? (4.13.5.6.) | | | |
| 25.11. | Does the JEIM supervisor ensure an Engine Work Folder is established for each engine during periodic inspection, reconditioning, or other maintenance? (4.13.5.7.) | | | |
| 25.12. | Does the JEIM supervisor ensure the work folder will transfer with the engine? (4.13.5.7.) | | | |
| 25.13. | Does the JEIM supervisor ensure the engine work folder contains a list of all parts, TCTOs and TCI requirements for the engine? (4.13.5.7.) | | | |
| 25.14. | Does the JEIM supervisor ensure the worksheets document engine historical information, critical maintenance management stages, and employee numbers of technicians and supervisors completing maintenance and inspections? (4.13.5.7.) | | | |
| 25.15. | Does the JEIM supervisor ensure one work order is initiated in MIS for an entire job? (4.13.5.7.) | | | |
| 25.16. | Does the JEIM supervisor ensure separate job control numbers/workcenter events (JCN/WCE) are initiated for discrepancies found during the look phase of an inspection or subsequent to repair? (4.13.5.7.) | | | |
| 25.17. | Does the JEIM supervisor complete the MIS work orders during inspection, reconditioning or maintenance? (4.13.5.7.) | | | |
| 25.18. | Does the JEIM supervisor supplement work folders and worksheets to fit unit needs? (4.13.5.7.) | | | |
| 25.19. | Does the JEIM supervisor ensure all pertinent data included in processing the MICAP start in Mission Capable (MICAP) Asset Sourcing System (MASS)? (4.13.5.8.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 25.20. | Does the JEIM supervisor upgrade, downgrade and cancel MICAP requirements? (4.13.5.9.) | | | |
| 26. | Test Cell and Noise Suppression System (NSS) Section. | | | |
| 26.1. | Does the NSS supervisor ensure NSS and test cell personnel accomplish minor maintenance, make adjustments to engines, and document engine condition? (4.13.6.1.1.) | | | |
| 26.2. | Does the test cell supervisor ensure test cell components are calibrated on site, if practical? (4.13.6.1.1) | | | |
| 26.3. | Does the JEIM supervisor brief maintenance personnel on NSS operating/emergency procedures? (4.13.6.1.2) | | | |
| 26.4. | Does the JEIM supervisor ensure the NSS is used to the fullest extent? (4.13.6.1.3.) | | | |
| 26.5. | Does the JEIM supervisor ensure open tie-down pads are only used as a secondary system when the NSS is down or to help reduce backlogs? (4.13.6.1.3) | | | |
| 26.6. | Does the JEIM supervisor ensure qualified NSS personnel are present whenever the NSS is in use? (4.13.6.1.4.) | | | |
| 26.7. | If required, does the JEIM supervisor provide NSS personnel to augment OS deployment requirements? (4.13.6.1.4.) | | | |
| 26.8. | Does the JEIM supervisor ensure custodial responsibilities are accomplished on all assigned equipment? (4.13.6.1.5.) | | | |
| 26.9. | Does the JEIM supervisor ensure qualified personnel from the aircraft's owning squadron position aircraft on the NSS, prepare aircraft for engine run and accomplish engine run, trim, and troubleshooting? (4.13.6.2.) | | | |
| 26.10. | Does the JEIM supervisor report Halon 1301 releases in accordance with AFI 91-204? (4.13.6.3.) | | | |
| 26.11. | Does the JEIM supervisor ensure squadron personnel maintain engine test operation records as required for environmental compliance IAW AFI 32-7041 and applicable federal, state, DoD, AF, ANG, installation, and local requirements and guidance? (4.13.6.4.) | | | |
| 26.12. | Does the Small Gas Turbine Engine Section supervisor ensure personnel are qualified to operate small gas turbine engines and test stands? (4.13.7.) | | | |
| 26.13. | Are Quick Engine Change (QEC) kit removals and installations coordinated with the SRAN EM and loaded in MIS as a part number-serial number item, reflecting where the kit is installed or spared? (4.13.11.) | | | |

| ITEM NO. | ITEM AND REFERENCES <i>(All references are to ANGI 21-101 unless otherwise indicated)</i> | YES | NO | N/A |
|----------|--|-----|----|-----|
| 26.14. | In addition to repair cycle procedures outlined in Chapter 8 of ANGI 21-101, does the technician removing a QEC kit item from an engine complete an AFTO Form 350, enter the reason for removal in Block 14, and annotate the QEC kit inventory for each repairable item? (4.13.11.1.) | | | |
| 26.15. | For components removed for heat treating, washing, or sand blasting, do technicians attach a numbered metal tag (if needed) to the item and enter the metal tag number on the AFTO Form 350, Block 15? (4.13.11.1.) | | | |
| 26.16. | Does the technician complete the AF 596, Quick Engine Change Kit Inventory for on repair cycle items and QEC kit unique items when an engine enters the section for tear down? (4.13.11.2.) | | | |
| 26.17. | If TO requirements restrict reuse of items, does the technician mark the AF 596 with an asterisk to show that a demand has been placed on supply? (4.13.11.2.) | | | |
| 27. | Test, Measurement, and Diagnostic Equipment (TMDE) Flight. (NOTE: TMDE C&SRL elements are covered by ANGPD 90-2112. | | | |
| 28. | Munitions Element. (NOTE: Munitions Element C&SRL elements are covered by ANGPD 90-2121. | | | |

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