

**BY ORDER OF THE COMMANDER
919TH SPECIAL OPERATIONS WING**

**919TH SPECIAL OPERATIONS WING
INSTRUCTION 21-111**



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Maintenance

**TEST MEASUREMENT AND DIAGNOSTIC
EQUIPMENT PROCEDURES**

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This instruction implements the provisions of Air Force Policy Directive (AFPD) 21-1, *Managing Aerospace Equipment Maintenance*, and Air Force Instruction (AFI) 21-101, *Maintenance Management of Aircraft*. The purpose of this instruction is to give local Test Measurement and Diagnostic Equipment (TMDE) guidance. This instruction applies to all 919th Special Operations Wing (919 SOW) personnel utilizing TMDE equipment. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. Requests for waivers must be submitted through chain of command to the OPR listed above for consideration and approval. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF CHANGES

This revision updates the terminology from Precision Measurement Equipment (PME) to TMDE.

1. Responsibilities. Each TMDE shop monitor/scheduler/coordinator is responsible to utilize the TMDE listings to ensure that equipment scheduled is made ready for delivery by the due date.

2. Procedures.

2.1. When a TMDE item becomes due, it is taken to the 919th Avionics Maintenance Flight (919 MXG/MXMV) located in building (bldg) 3115, between 0700–0800 Monday of the week it's due-in for calibration. If it is too large or is classified they will call the designated shop to request pick-up at their shop. Classified equipment will be escorted by a classified courier from the item's Owner Work Center (OWC).

2.2. Designated shops deliver TMDE to the PME Lab (PMEL) on Tuesday of each week. Items overdue prior to the next delivery date are taken to the PMEL/scheduler by the OWC and turned in.

2.3. Shops that use precision measuring equipment will supply a driver as designated by the MXMV liaison printed schedule.

2.4. Performing Work Center (PWC)/OWC schedulers provide a hand receipt for signature at the time of delivery to MXMV. Destroy the hand receipt upon return of the equipment. OWC will sign a local log book indicating all TMDE both upon drop off and pick-up.

2.5. The 919 MXS/MXMV ensures that all items being transported have sufficient cushioning material to protect the items from damage. MXMV maintains the hand receipts received from the PMEL for equipment being calibrated or repaired.

2.6. The 919 MXS/MXMV will be responsible only for delivery to and pickup from the PMEL.

2.7. Returning TMDE will be picked up by the owning work centers at bldg 3115.

2.8. All TMDE OWC monitors/coordinators/schedulers will be familiar with and follow Air Force Instruction (AFI) 21-101, *Aircraft and Equipment Maintenance Management* and 919 SOWI 21-101, *Dropped Object and Reporting Program*, Technical Order (TO) 00-14-2, *Air Force Metrology and Calibration Program* and Air Armament Center Instruction (AACI) 21-103, *Repair and Calibration of Test, Measurement and Diagnostic Equipment*.

2.9. All other actions will be the responsibility of each OWC monitor/scheduler/ coordinator.

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