

AVIATION SYSTEM STANDARDS  
REPAIR STATION NO. UA2R206L (OKC),UA27206L (ANC),  
UA23206L (ATL), UA28206L (BTL), UA25206L (SAC)  
REPAIR STATION/QUALITY CONTROL MANUAL

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**INTRODUCTION**

\*This Repair Station/Quality Control Manual has been prepared in accordance with the current Federal Aviation Regulations (FAR). For the purposes of this manual and FAR Part 145, AVN is the holder of the domestic repair station certificate. In addition, AVN holds the certificates for four Satellite Domestic Repair Stations. AVN Repair Station references in the manual are defined as the Oklahoma City Repair Station and the four associated Satellite Repair Stations. The Aircraft Maintenance and Engineering Division Manager, AVN-300, is the Accountable Manager; the Operation's Officer, AVN-301, is the Administrative Manager; the Manager, Quality Assurance Branch, AVN-320, is the Chief Inspector; the Manager, Base Maintenance Branch, AVN-330, and the Manager, Line Station Branch, AVN-310, are the Maintenance Managers. These titles are interchangeable throughout this manual.

This manual describes the organization and explains the repair station inspection system, including continuity of inspection, incoming inspection, work assignment and control, preliminary inspection, hidden damage inspection, final inspection, precision measuring and test equipment calibration, and major repairs and alterations. Inspection forms used and their method of execution are included.

**NOTE:** The Electronic Database is an automated system that serves as a database for the retention of aircraft related information. It provides a communication network that links selected maintenance users microcomputers to a mainframe computer. Various maintenance information (aircraft recordkeeping, maintenance scheduling, special authorizations, maintenance programs, reliability tracking and aircraft parts and components tracking) is monitored, tracked and updated on a daily basis and serves as the primary automation system that supports the Aircraft Maintenance and Engineering Division's maintenance operation.

This repair station will maintain or alter only those products for which it is rated, and will not maintain or alter any product if it requires technical data, equipment, materials, facilities or trained personnel that are not available at the facility or at the place where the work is to be done.