

FAA Part 171. MAINTENANCE REQUIREMENTS

A. General.

1. The facility shall be maintained in accordance with the applicable subparts of FAR Part 171 and the manufacturer's instruction books, Maintenance technical handbooks, and/or other FAA approved requirements (see Appendix 3). FAA standards and tolerances will be used (see Appendix 2.) If they do not exist, then the manufacturer's handbook will be used.

NOTE: The maintenance schedules and requirements contained in these Publications are to be considered the minimum level of maintenance in Accordance with FAR Part 171 and the document.

2. The FAA shall be responsible for providing FAA forms and appropriate FAA publications required for maintenance of the facility. These forms will be made available by the FAA at no charge.

3. If a verified maintenance technician is not assigned or if the maintenance schedules as set forth in FAA maintenance procedures are not adhered to, the equipment shall be removed from service unless the sponsor or his designated representative has coordinated the exact circumstances with the FAA.

4. Facility Reference Data File, Appendix 1, (Facility requirements Performance and adjustment data forms, called Record of Meter Readings and Adjustments, FAA Form 198 in FAR Part 171) shall be filled out by the owner Or the owner's representative at the time of the facility commissioning. The Original must be kept in the permanent records of the facility, and one copy must be sent to the appropriate FAA office. The sponsor, or the sponsor's representative, must revised the data after any major repair, modernization, or retuning to reflect an accurate record of facility operation and adjustment. In the event the data is revised, the owner or the owner's representative must notify the appropriate FAA office of such revisions and forward copies of the revisions to the appropriate FAA office within 10 working days.

5. Facility Maintenance Log, FAA Form 6030-1.

a. This log (called Facility Maintenance Log, FAA 406C, in FAR Part 171) is a permanent record of all of the activities required to maintain the Facility. Log entries shall be clear, complete, concise and recorded in Coordinated Universal Time (UTC). The entries must include all malfunctions encountered in Maintaining the facility, including information on the kind of work and adjustments Made, equipment failures, causes (if determined) and corrective action taken.

In addition, the entries must include statements describing periodic maintenance activities required to maintain the facility, facility verification statements, and NOTAM information. The original white pages of the maintenance logs shall be retained at the facility for a period of three years. A copy of the log pages shall be sent to the appropriate Airway Facilities Sector Field Office for review within 10 working days after the next facility visit after the end of the month/quarter/semiannually as appropriate.

b. Among the most important entries in the facility maintenance log are Those indicating the verification status of a system, or equipment. For the purpose Of this OMM, the word “certification” used in FAA directives shall be synonymous with “verification.” Verification statements shall be entered in the facility maintenance log (FAA Form 6030-1) in accordance with appropriate FAA directives and orders. (Example: H verified, LOC verified). A verification statement shall be made before returning a system, subsystem, or equipment to service after the system has been out-of-service due to hardware or software failure and whenever maintenance work that has been performed which may have affected verification parameters.

6. Technical Performance Record, FAA Form 6000 Series (called Radio Equipment Operation Record, Form 418, in FAR Part 171) contains a record of System parameters recorded during each scheduled visit to the facility. The Sponsor, or the sponsor’s representative, shall keep the original page of the Technical performance record at the facility and send a copy to the appropriate FAA Airway Facilities Sector Field Office for review within 10 working days On a semiannual basis.

7. Improvement in maintenance procedures or equipment modifications shall be funded and incorporated by the sponsor following approval by the FAA. An addendum to the Operations and Maintenance Manual, approved by the FAA, shall be completed if necessary.

8. The sponsor shall submit to the FAA, for approval, any proposed Modifications to the facility and shall not permit any modifications to be Performed without specific FAA approval.

9. Neither the equipment nor antenna will be replaced or relocated without prior FAA approval. No construction is to be planned in the vicinity that may alter or effect the facility without first coordinating with the FAA. Status monitor receivers shall not be removed or relocated without FAA approval.