

## FOREWORD

### 1. PURPOSE.

a. This handbook provides guidance and prescribes technical standards, tolerances, and procedures applicable to the maintenance and inspection of the air traffic control beacon interrogator (ATCBI-6/6(M)) facilities. It also provides information on special methods and techniques that will enable maintenance personnel to achieve optimum performance from the equipment. This information augments information available in instruction books and other handbooks, and complements the latest edition of Order 6000.15, General Maintenance Handbook for Airway Facilities.

b. This handbook implements Configuration Control Decision (CCD) No. N22851, Develop ATCBI-6 Maintenance Handbook.

**2. DISTRIBUTION.** This directive is distributed to selected offices and services within Washington head-quarters, the William J. Hughes Technical Center, the Mike Monroney Aeronautical Center, regional Airway Facilities divisions, and Airway Facilities field offices having the following facilities/equipment: ATCBI-6/6(M).

### 3. MAINTENANCE AND MODIFICATION PROCEDURE.

a. The Order 6000.15, this handbook, the applicable equipment instruction books, and other applicable handbooks shall be consulted and used together by the maintenance technician in all duties and activities for the maintenance of ATCBI-6/6(M) facilities and equipment. These documents shall be considered collectively as the single official source of maintenance policy and direction authorized by Operational Support. References located in the appropriate paragraphs of this handbook entitled Chapter 3, Standards and Tolerances, Chapter 4, Periodic Maintenance, and Chapter 5, Maintenance Procedures, shall indicate to the user whether this handbook and/or the equipment instruction book shall be consulted for a particular standard, key inspection element or performance parameter, performance check, maintenance task or maintenance procedure.

b. The latest edition of FAA Order 6032.1, Modification to Ground Facilities, Systems, and Equipment in the National Airspace System, contains comprehensive direction concerning the development, authorization, implementation, and recording of modifications to facilities, systems, and equipment in commissioned status. It supersedes all instructions published in earlier editions of maintenance technical handbooks and related directives.

**4. FORMS LISTING.** In addition to forms required by Order 6000.15, an automated log is to be maintained at facilities that have remote maintenance monitoring capability. Additionally, FAA Form 6000-8, Technical Performance Record, is to be maintained for each facility (see appendix two for an example). FAA Form 6000-8 is available from the FAA Logistics Center under NSN 0052-00-686-0001, unit of issue: PD.

**5. RECOMMENDATIONS FOR IMPROVEMENT.** Preaddressed comment sheets are provided at the back of this handbook. Users are encouraged to submit recommendations for improvement.

Gregg W. Dvorak  
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