

## CHAPTER 3. TECHNICAL GROUPS, BOARDS, AND NATIONAL RESOURCES

### SECTION 5. MAINTENANCE REVIEW BOARDS (MRB)

**281. GENERAL.** This section contains limited, general information for operations inspectors on the purpose of MRB. Since the function of an MRB is strictly maintenance, it requires no operational input; therefore, operations inspectors do not participate as members of an MRB. For a more detailed discussion, inspectors should refer to Federal Aviation Administration (FAA) Order 8300.10, "Airworthiness Inspector's Handbook."

**283. BACKGROUND.** The MRB process was developed as a result of the introduction of wide-body aircraft (for example, the Douglas DC-10, the Lockheed L-1011, and the Boeing 747). The increasing complexity of these aircraft required that a methodical assessment be made of the individual aircraft maintenance requirements to ensure the highest level of aircraft safety and reliability. The FAA, aircraft operators, and aircraft manufacturers jointly formulate initial maintenance and inspection requirements for newly certificated aircraft and powerplants. The FAA, operators, and manufacturers have developed a method of decision logic that establishes more efficient scheduled maintenance programs for these new aircraft.

**285. FUNCTIONS OF AN MRB.** Through the chairperson, an MRB performs the following functions:

- Establishes the FAA minimum maintenance and inspection requirements for transport category aircraft, engines, propellers, and auxiliary power units
- Participates in industry steering committee (ISC) meetings to review the MSG-3 analysis as presented by working groups
- Accepts the MRB report after AFS-300 concurrence (The manufacturer is responsible for publishing and distributing initial and revised MRB reports.)

**287. COMPOSITION OF AN MRB.** An MRB is comprised of a chairperson from the appropriate aircraft evaluation group (AEG). The chairperson invites qualified aviation safety inspectors (ASI) from the field to participate as FAA working group advisors. The MRB chairperson is an advisor to the ISC. FAA Order 8300.10 and Advisory Circular (AC) 121.22, "Maintenance Review Board (MRB)" as amended, provide detailed guidance on the MRB process.

**288. -300. RESERVED.**

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