

CHAPTER 17 MONITOR CERTIFICATED AIRFRAME AND/OR POWERPLANT MECHANIC, REPAIRMAN, PARACHUTE RIGGER, AND INSPECTION AUTHORIZATION HOLDER

Section 1 Background

1. PTRS ACTIVITY CODES

A. *Maintenance:* 3671/3672/3674/3678

B. *Avionics:* 5671/5672/5673/5674

3. OBJECTIVE. This chapter provides guidance for conducting surveillance of mechanics, repairmen, parachute riggers, and Inspection Authorization holders.

5. GENERAL

A. Order 1800.56, Flight Standards Program Guidelines, as amended, provides guidance for the surveillance of maintenance airmen. The basic objective of this surveillance is to promote aviation safety by ensuring compliance with applicable Federal Aviation Regulations. Components of such surveillance include the following:

- Observation of airmen performing or supervising maintenance
- Evaluation of airmen having completed maintenance
- Review of maintenance records to determine compliance with the regulations

B. Aviation Safety Inspectors (ASIs) should give prompt attention to any report of an alleged violation of Federal Aviation Regulations pertinent to maintenance airmen. ASIs should concentrate their efforts in those areas where there are reasons for suspicion or evidence of noncompliance with Federal Aviation Regulations.

(1) Repeated surveillance of maintenance airmen with an acceptable record of good workmanship and compliance with the Federal Aviation Regulations does not provide for the most effective utilization of FAA manpower.

(2) The frequency of surveillance may be based on the volume of work being accomplished by a maintenance airman. It is logical to increase the frequency of surveillance on maintenance airmen who perform a comparatively high volume of work.

C. An ASI may encounter conditions or practices that, if allowed to continue, could result in the return to service of an unairworthy item and/or a violation of the Federal Aviation Regulations. The ASI should bring these conditions or practices to the immediate attention of the airman involved. The ASI should explain the cause for concern and render guidance as appropriate.

Section 2 Procedures

1. PREREQUISITES AND COORDINATION REQUIREMENTS

A. *Prerequisites*

- Knowledge of FAR Parts 43, 65, and 91

B. *Coordination.* None.

3. REFERENCES, FORMS AND JOB AIDS

A. *References*

- FAR Parts 121, 125, 135, and 145

- Order 1800.56, Flight Standards Program Guidelines, as amended
- Order 2150.3, Compliance and Enforcement Program, as amended

B. *Forms.* None.

C. *Job Aids.* None.

- A current and appropriate set of type certificate data sheets
- Current and appropriate Federal Aviation Regulations
- Manufacturers' maintenance instructions, as required by FAR Part 43
- Other data as needed. Recommended data may include maintenance alerts, service difficulty reports, etc.

5. PROCEDURES

A. *Verify Proper Certification.* Ensure that airmen are properly certificated for all work for which they are responsible.

B. *Review Repairman Certificates.* Ensure that repairman certificate ratings are specific and appropriate to the work being performed. Ensure that certificates are kept within the immediate area. If the ratings appear inappropriate, inform the repairman that recertification may be required.

NOTE: Repairman certificates and ratings should be reserved for airmen having special talents and skills. They should not be issued to circumvent obtaining a mechanic's certificate with appropriate ratings.

NOTE: A repairman employed by an air carrier or commercial operator with a repair station certificate may hold one Airman Certificate listing both operations in the limitations section, providing the duties are the same in both organizations.

C. *Review Inspection Authorizations*

(1) Ensure that the authorization is current as required by FAR § 65.95 and has been renewed and endorsed by an ASI. Ensure that the Inspection Authorization holder has a current mechanic's certificate with both airframe and powerplant ratings.

(2) Ensure that the Inspection Authorization holder has the following available:

- A current and appropriate set of Airworthiness Directives (ADs)

D. *Review Mechanic Certificates*

(1) Determine if the ratings are appropriate to the work performed. Ensure that the mechanic does not exceed the privileges and limitations of the certificate.

(2) Question the mechanic to ensure understanding of the manufacturer/maintenance manual(s) for the specific operation concerned.

(3) Determine if the mechanic meets the requirements for recent experience.

(4) Ensure that the airman certificate is within the immediate area where the airman normally exercises the privileges of the certificate.

E. *Review Parachute Rigger Certificates and Seals*

(1) Determine if the ratings are appropriate to the parachutes packed. Ensure that alterations are only performed by master parachute riggers on parachutes for which they are rated.

(2) Ensure that the rigger meets the performance standards and currency requirements of FAR § 65.129.

(3) Review the rigger's log book to ensure that records are being kept as required by FAR § 65.131.

(4) Determine if the rigger has the necessary tools and facilities to accomplish the work.

(5) Ensure that the rigger is placing the seal on each parachute.

7. TASK OUTCOMES

A. *File PTRS Transmittal Form*

B. *Airman Found in Noncompliance.* Handle all cases of noncompliance according to the procedures prescribed in Order 2150.3, Compliance and Enforcement Program, as amended.

9. FUTURE ACTIVITIES. Routine surveillance.

