

CHAPTER 110 INSPECT FAR PART 149 PARACHUTE LOFT

Section 1 Background

1. PTRS ACTIVITY CODE

- Maintenance: 3650

3. OBJECTIVE. This chapter provides guidance for conducting surveillance of FAR Part 149 parachute lofts.

5. GENERAL

A. Based on the size and complexity of the parachute loft, the Certificate Holding District Office (CHDO) may need to form an inspection team capable of effectively evaluating all aspects of the operation.

B. FAR Part 65 surveillance of parachute riggers is typically accomplished in conjunction with an FAR Part 149 surveillance of the parachute loft, as prescribed by FAR §§ 149.9 and 149.13.

Section 2 Procedures

1. PREREQUISITES AND COORDINATION REQUIREMENTS

A. Prerequisites

- Knowledge of the regulatory requirements of FAR Parts 65 and 149
- Successful completion of Airworthiness Inspector's Indoctrination Course for General Aviation and Air Carrier Inspections, or previous equivalent

B. *Coordination.* None.

3. REFERENCES, FORMS, AND JOB AIDS

A. References

- FAR Parts 39 and 105
- Advisory Circular 105-2, Sport Parachute Jumping, as amended
- Technical Standard Order C23 series and referenced documents
- Manufacturers' technical data

B. *Forms.* None.

C. *Job Aids.* None.

5. PROCEDURES

A. *Review the District Office File.* Review the office file for this certificate holder.

B. *Conduct the Inspection.* Inspect the following:

(1) Facility, to ensure the following:

(a) Proper display of air agency certificate

(b) Adequate space, heating, lighting, ventilation, and overall cleanliness

(c) Storage area is adequate for proper storage and segregation of materials and parts

(d) Technical Data and revisions are current and acceptable, or approved for the work being accomplished

(2) Ratings, to determine if the facility is properly rated for the work being accomplished

(3) Personnel are properly certificated, rated, and qualified to perform or supervise the kind of work for which

the loft is rated. When available, ensure that personnel records are current.

(4) Record keeping to ensure that:

(a) All alterations and repair files are kept as required

(b) Files are maintained that record all work performed

(c) Records are kept for at least two years after the completion of the work

(d) Defect Reports, if available, to ensure that all recurring or serious defects are reported

(5) Inspection System to ensure that the system is adequate for the work performed

(6) Equipment, to ensure that:

(a) Test equipment and tools are properly calibrated

(b) The appropriate drawing and repair equipment are available

(c) Drop testing equipment is available, if rated as such

(7) Material, to ensure that the materials used are of proper strength and quality for the maintenance or alterations being performed

C. Analyze the Results. Ensure that the loft is operating within the limits of its ratings and meets equipment, facility, personnel, and records requirements.

7. TASK OUTCOMES

A. File PTRS Transmittal Form

B. Completion of this task will result in one of the following:

- A determination of satisfactory compliance
- A letter to the certificate holder describing deficiencies

C. Document Task. File all supporting paperwork in the certificate holder's office files.

9. FUTURE ACTIVITIES. Conduct follow-up surveillance, as needed.