



Technical Standard Order

Subject: TSO-C23c, PERSONNEL PARACHUTE ASSEMBLIES

(a) Applicability

(1) Minimum Performance Standard. This Technical Standard Order (TSO) prescribes the minimum performance standard that personnel parachute assemblies must meet in order to be identified with the applicable TSO marking. This TSO has been prepared in accordance with the procedural rules set fourth in Subpart O of the Federal Aviation Regulations, Part 21. Personnel parachute assemblies that are to be so identified and that are manufactured on or after the date of this TSO must meet the standard set fourth in society of Automotive Engineers, Inc. (SAE), Aerospace Standard (AS) 8015A, Minimum Performance Standard for Parachute Assemblies and Components, Personnel, dated September 30, 1982, as amended and supplemented by this TSO.

(b) Markings. None in addition to the marking specified in Federal Aviation Regulations (FAR)/21.607(d).

(c) Data Requirements.

In addition to FAR/21.605, the manufacturer must furnish the Manager, Aircraft Certification Office (ACO), Federal Aviation Administration (FAA), having purview of the manufacturer's facilities, one copy each of the following technical data:

- (1) Operating instructions.
- (2) Equipment limitations.
- (3) Inspection and test procedures applicable to this product.
- (4) Specifications.
- (5) Maintenance procedures.
- (6) Manufacturer's TSO qualification test report.

(d) Previously Approved Equipment. Personnel parachute assemblies approved prior to the date of this TSO may continue to be manufactured under the provisions of the original approval.

(e) Availability of Reference Documents.

(1) Copies of SAE AS 8015A may be purchased from the Society of Automotive Engineers, Inc., Department 331, 400 Commonwealth Drive, Warrendale, Pennsylvania 15096.

(2) Federal Aviation Regulations, Part 21, Subpart O and Advisory Circular 20-110, Index of Aviation Technical Standard Orders, may be reviewed at the FAA Headquarters in the Office of Airworthiness, Aircraft Engineering Division (AWS-110) and at all ACO s.

M.C. BEARD
Director of Airworthiness