



PIA-DTL-40137C

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Superseding

PIA-DTL-40137B

15 November 2010

The following commercial specification is adopted from the military document referenced without change to content. Revision A includes all known accepted revisions, amendments, notices, and Department of Defense (DOD) engineering changes previously developed for this item. Revision B and forward include changes adopted to reflect technology and design evolution.

## CLEVISES, RIGGING, AIR DELIVERY TYPE: GENERAL SPECIFICATION FOR

The Parachute Industry Association makes this document available for use by Industry and Government organizations that wish to apply this specification to their products.

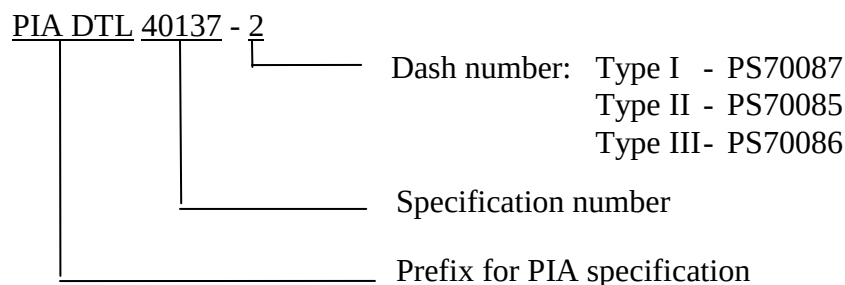
### 1. SCOPE

1.1 Scope. This specification covers the general requirements for three types of air delivery rigging clevises, commonly referred to as shackles.

1.2 Classification. Clevises are of the following types as specified (see 6.1):

|          |                                |
|----------|--------------------------------|
| Type I   | - Clevis, suspension (PS70087) |
| Type II  | - Clevis, tiedown (PS70085)    |
| Type III | - Clevis, riser (PS70086).     |

1.3 Part or identifying number (PIN). The PIN to be used for clevises acquired to this specification is created as follows:



### 2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in Sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification nor is it recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of the documents cited in Sections 3 and 4 of this

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specification, whether or not they are listed.

## 2.2 Government publications.

2.2.1 Government publications. The following Government publication forms a part of this document.

### STANDARDS

#### MILITARY

- MIL-STD-1916 - DOD PREFERRED METHODS FOR ACCEPTANCE OF PRODUCT
- RR-C-271 - Chains and Attachments, Carbon and Alloy Steel

(Unless otherwise indicated, copies of standards are available from the DLA Document Services, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094. Electronic copies of Military Specifications and Federal Standards may be obtained from <https://assist.daps.dla.mil/quicksearch/>.)

2.3 Non-government publications. The following non-government publication forms a part of this document.

#### AMERICAN SOCIETY FOR QUALITY (ASQ)

- ANSI/ASQ Z1.4 - Sampling Procedures and Tables for Inspection by Attributes

(Copies are available online at: [www.asq.org](http://www.asq.org) or from the American Society for Quality, 600 North Plankinton Avenue, Milwaukee, WI 53203.)

#### SAE INTERNATIONAL

- AMS2759 - Heat Treatment of Steel Parts, General Requirements

(Application for copies should be addressed to SAE International, 400 Commonwealth Drive, Warrendale, PA 15096. Electronic copies may be obtained from [www.sae.org](http://www.sae.org).)

#### PARACHUTE INDUSTRY ASSOCIATION (PIA)

- PS70085 - CLEVIS, TIE DOWN, AIR DELIVERY TYPE II (DOD adopted)
- PS70086 - CLEVIS, RISER, AIR DELIVERY TYPE III (DOD adopted)
- PS70087 - CLEVISES, SUSPENSION, AIR DELIVERY - TYPE I (DOD adopted)

(Electronic copies may be obtained from [www.pia.com](http://www.pia.com).)