



AEROSPACE INFORMATION REPORT

AIR1358**REV. C**

Issued 1978-10
Reaffirmed 1991-09
Revised 2009-08
Stabilized 2014-12

Superseding AIR1358B

Aerospace Information Report for
Continuous Flow Oxygen Hose Disconnect Fittings

RATIONALE

The A-10 Committee concluded that the content of this document will not be updated in the future. This document has been determined to contain basic and stable technology which is not dynamic in nature, therefore, the committee decided to stabilize this document in its current state.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE A-10 Aircraft Oxygen Equipment Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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1. SCOPE

This Aerospace Information Report (AIR) indicates those dimensions, deemed critical by the manufacturer to assure proper mating of disconnect hose fittings. The dimensions are critical, but not necessarily complete, in defining these fittings since there are other criteria which must also be met.

1.1 Purpose

This AIR defines by drawing (see figures, pages 2 through 8), various available oxygen hose disconnect fittings. The intent is to provide enough data to examine a connector of uncertain history and determine what style of connector it is. This AIR does not offer sufficient information to design, manufacture, or qualify a conforming part.

NOTE: Dimensions shown in Figures 2 – 7 are either millimeters over inches, or degrees over radians. If a dimension contains a degree symbol (°) the dimension is angular, all other dimensions are linear.

2. REFERENCES

There are no referenced publications specified herein.

3. PRODUCT IDENTIFICATION

It is recommended that the item manufacturer place an identifying symbol upon each disconnect fitting.

WARNING: Care must be exercised in the selection of oxygen outlets and disconnect fittings, as the oxygen flow rate through the mated assembly is dependent upon an internal metering device. This metering device might be located in either half of the assembly.

CAUTION: The disconnect designs, with the military standard being an exception, are considered to be proprietary designs by the listed manufacturer and must be treated accordingly.

PREPARED BY
SAE COMMITTEE A-10, AIRCRAFT OXYGEN EQUIPMENT

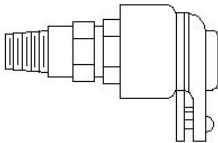
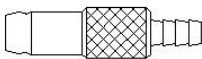
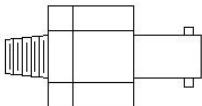
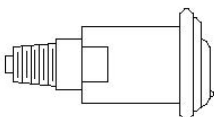
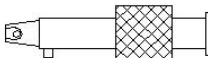
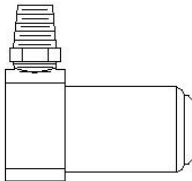
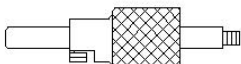
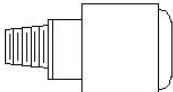
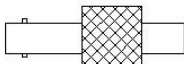
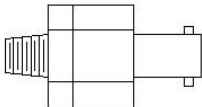
Oxygen OUTLETS	HOSE DISCONNECTS	DESCRIPTION
		ARO TYPE (REF. FIG 2)
		MILITARY STANDARD (REF. FIG 3)
		B/E AEROSPACE (OLD STYLE) (REF. FIG 4)
		B/E AEROSPACE (NEW STYLE) (REF. FIG 5)
		AVOX SYSTEMS INC. (REF. FIG 6)
		EROS (REF. FIG 7)

FIGURE 1 - OXYGEN OUTLETS AND MATING CONNECTORS