

# AEROSPACE INFORMATION REPORT

**SAE** AIR1358

REV.  
A

Issued 1978-10  
Reaffirmed 1991-09  
Revised 2000-10

Superseding AIR1358

## Aerospace Information Report for Continuous Flow Oxygen Hose Disconnect Fittings

### FOREWORD

Changes in this revision are format/editorial only.

#### 1. SCOPE:

This AIR indicates those dimensions, deemed critical by the manufacturer, which are required to be adhered to so that proper mating of the disconnect hose fitting with the correct disconnect be accomplished. 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 Aerospace Information Report (AIR) defines by drawing (see figures, pages 2 through 7), various available continuous flow oxygen hose disconnect fittings.

#### 2. 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 UNDER THE JURISDICTION OF  
SAE COMMITTEE A-10, AIRCRAFT OXYGEN EQUIPMENT

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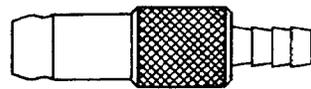
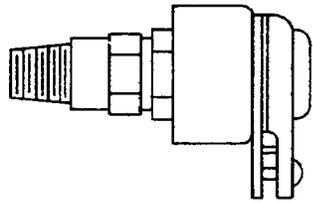
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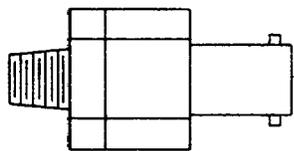
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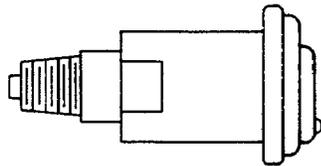
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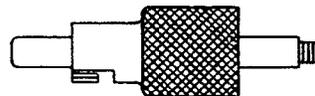
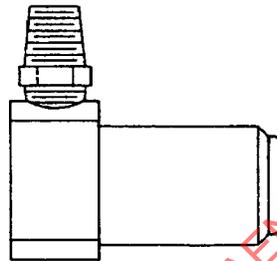
ARO TYPE  
(REF. PAGE 3)



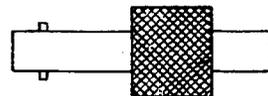
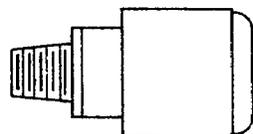
MILITARY STANDARD  
(REF. PAGE 4)



PURITAN-BENNETT  
(OLD STYLE)  
(REF. PAGE 5)



PURITAN-BENNETT  
(NEW STYLE)  
(REF. PAGE 6)



SCOTT TYPE  
(REF. PAGE 7)

FIGURE 1 - Oxygen Outlets and Mating Connectors

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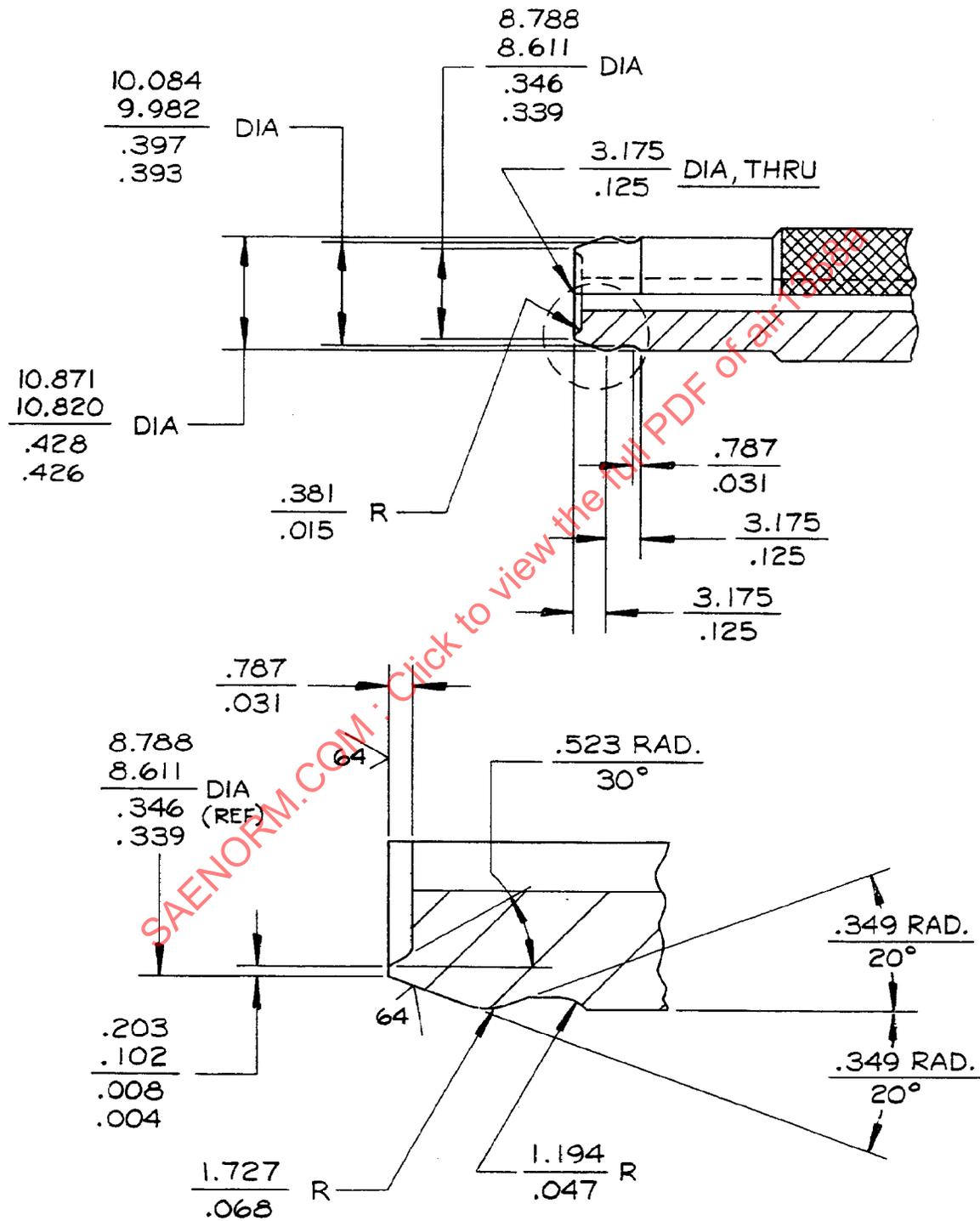
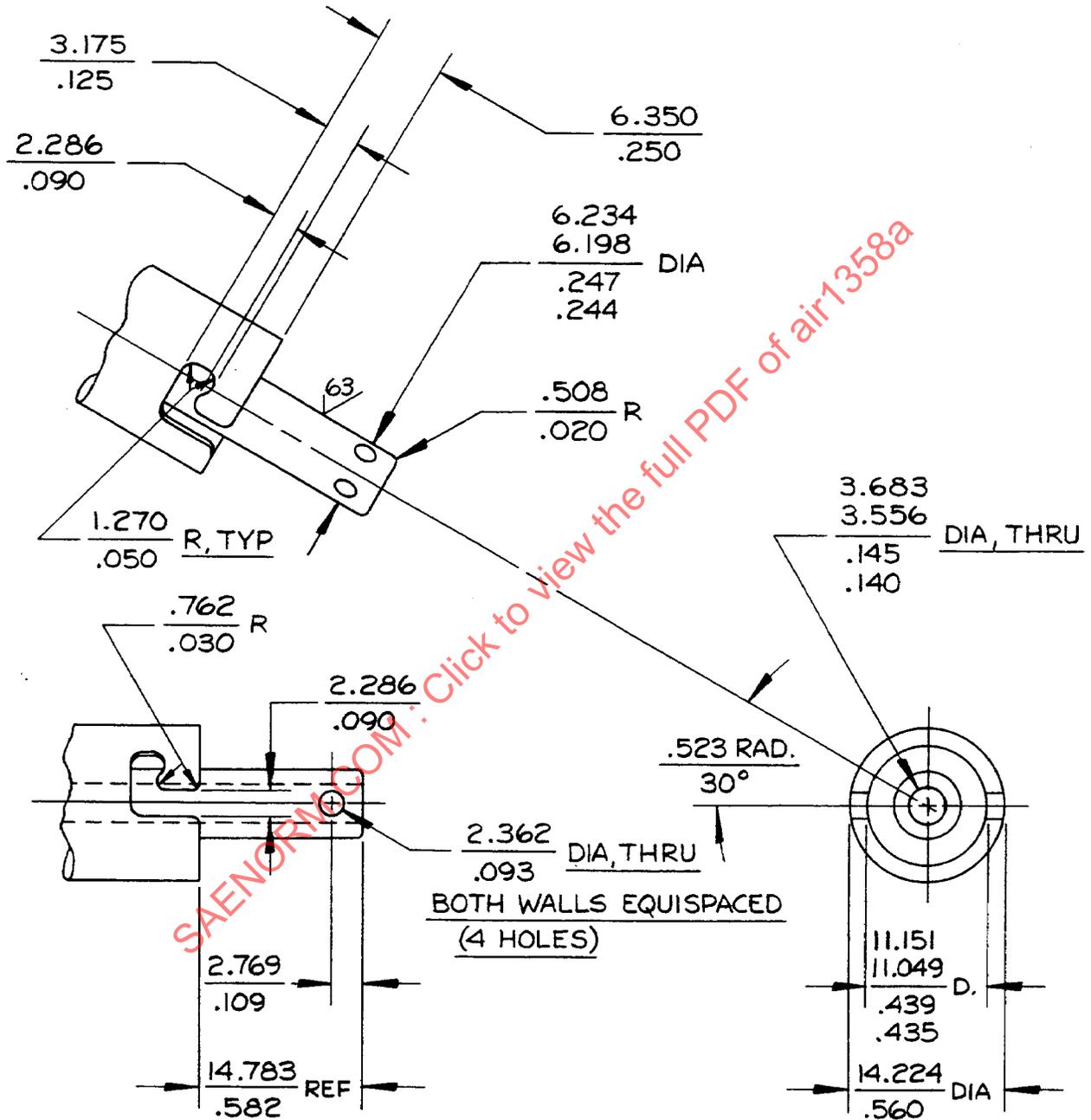


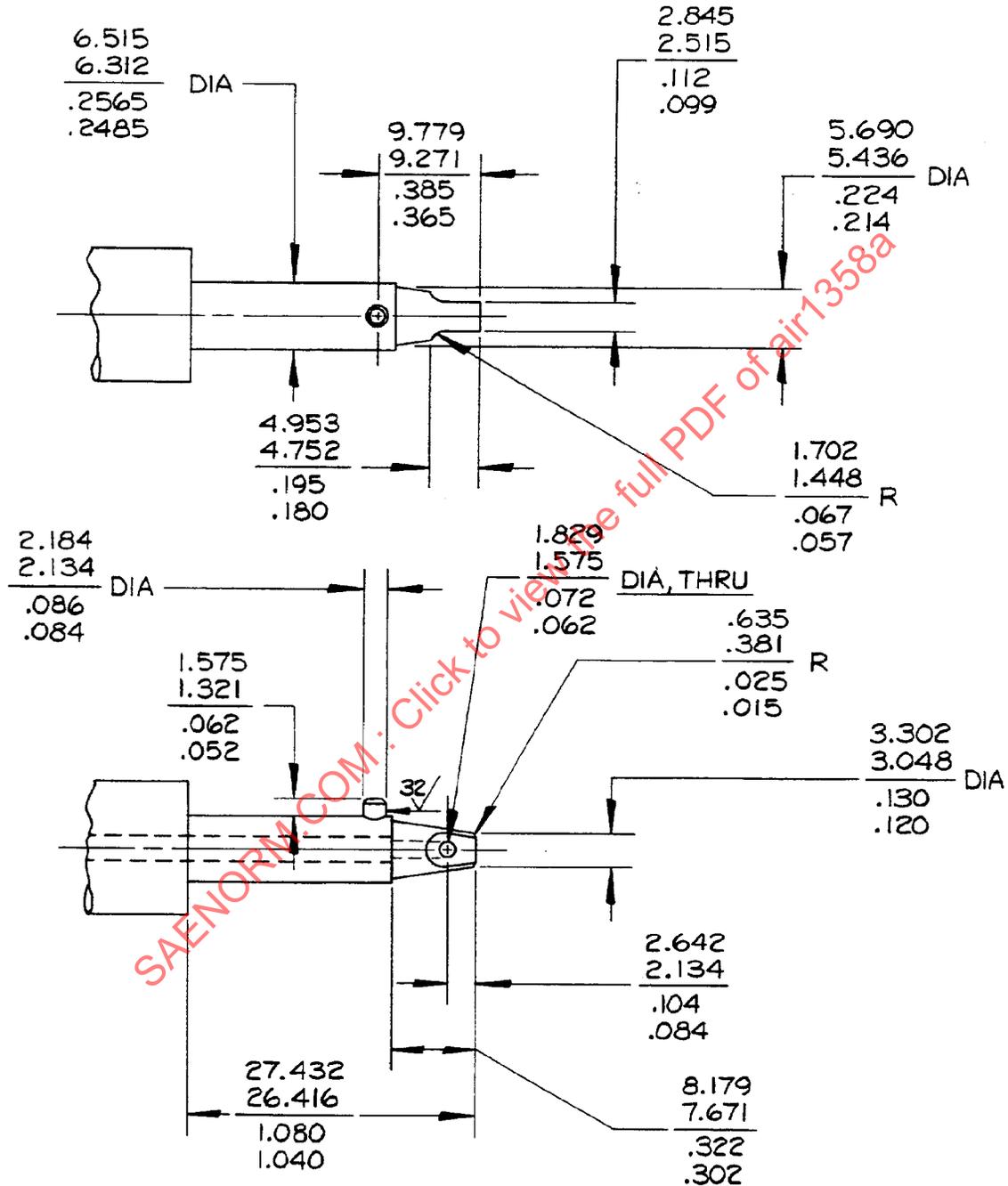
FIGURE 2 - ARO Hose Disconnect Fitting Mfg. Code 03990



NOTE : THIS DISCONNECT IS SPRING LOADED

FIGURE 3 - Military Standard Hose Disconnect Fitting Per MS21964-20

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NOTE: ALL SURFACES TO HAVE  $\sqrt{63}$  FINISH OR BETTER UNLESS OTHERWISE SPECIFIED

FIGURE 4 - Puritan-Bennett Hose Disconnect Fitting (Old Style) Mfg. Code 16827