



AEROSPACE INFORMATION REPORT

Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENTON, PA. 15096

AIR 1358

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Revised

AEROSPACE INFORMATION REPORT FOR CONTINUOUS FLOW OXYGEN HOSE DISCONNECT FITTINGS

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. 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.

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.

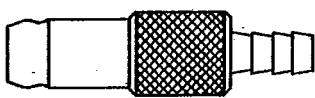
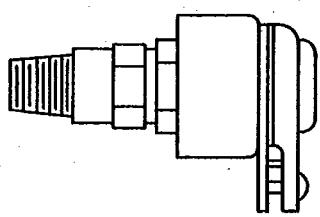
CAUTION: The disconnect designs, with the military standard being an exception, are considered to be proprietary designs by the listed manufacturer and must be treated accordingly.

PREPARED BY:

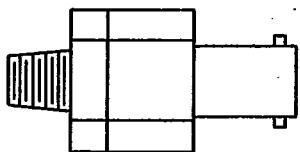
SAE COMMITTEE A-10, AIRCRAFT OXYGEN EQUIPMENT

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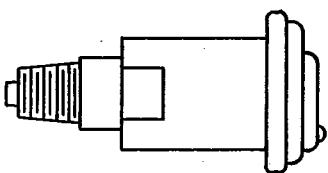
- 2 -



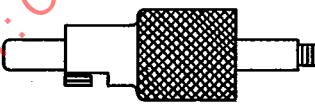
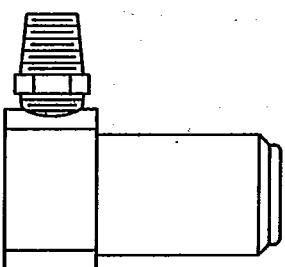
ARO TYPE
(REF. PAGE 3)



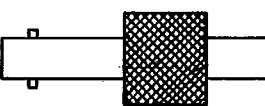
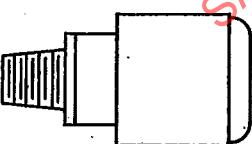
MILITARY STANDARD
(REF. PAGE 4)



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



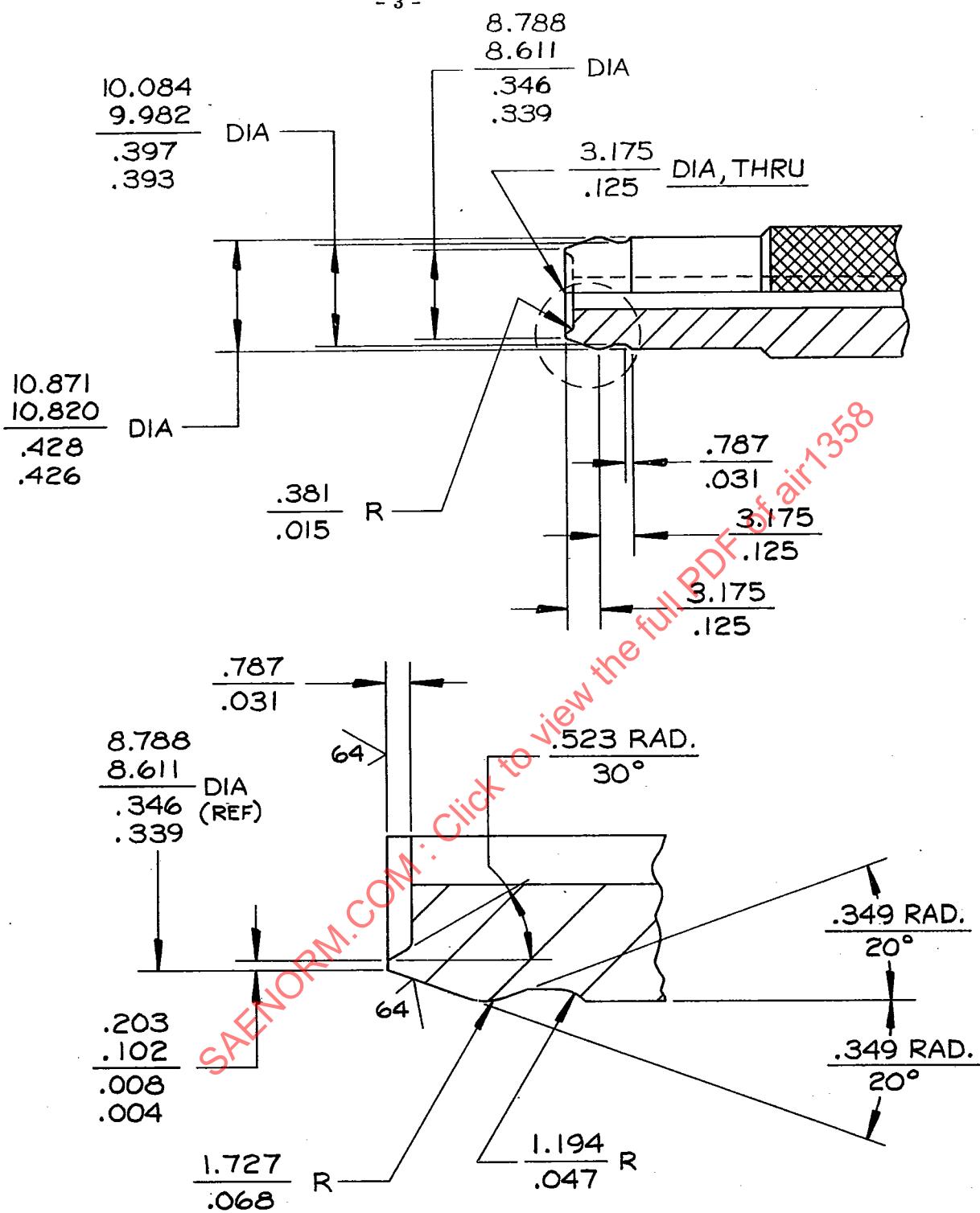
PURITAN-BENNETT
(NEW STYLE)
(REF. PAGE 6)



SCOTT TYPE
(REF. PAGE 7)

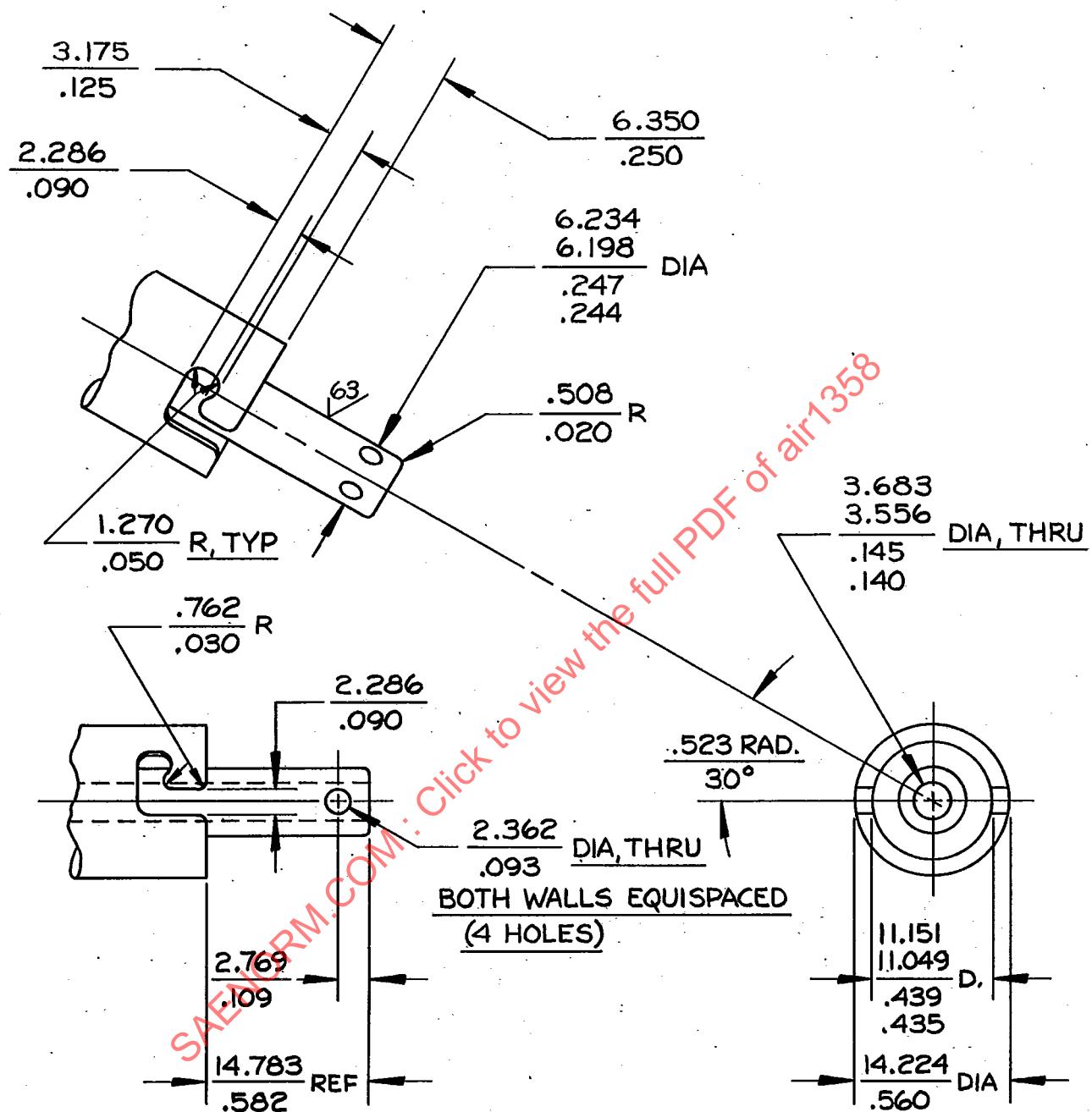
OXYGEN OUTLETS AND MATING CONNECTORS

- 3 -



ARO HOSE DISCONNECT FITTING
MFG. CODE 03990

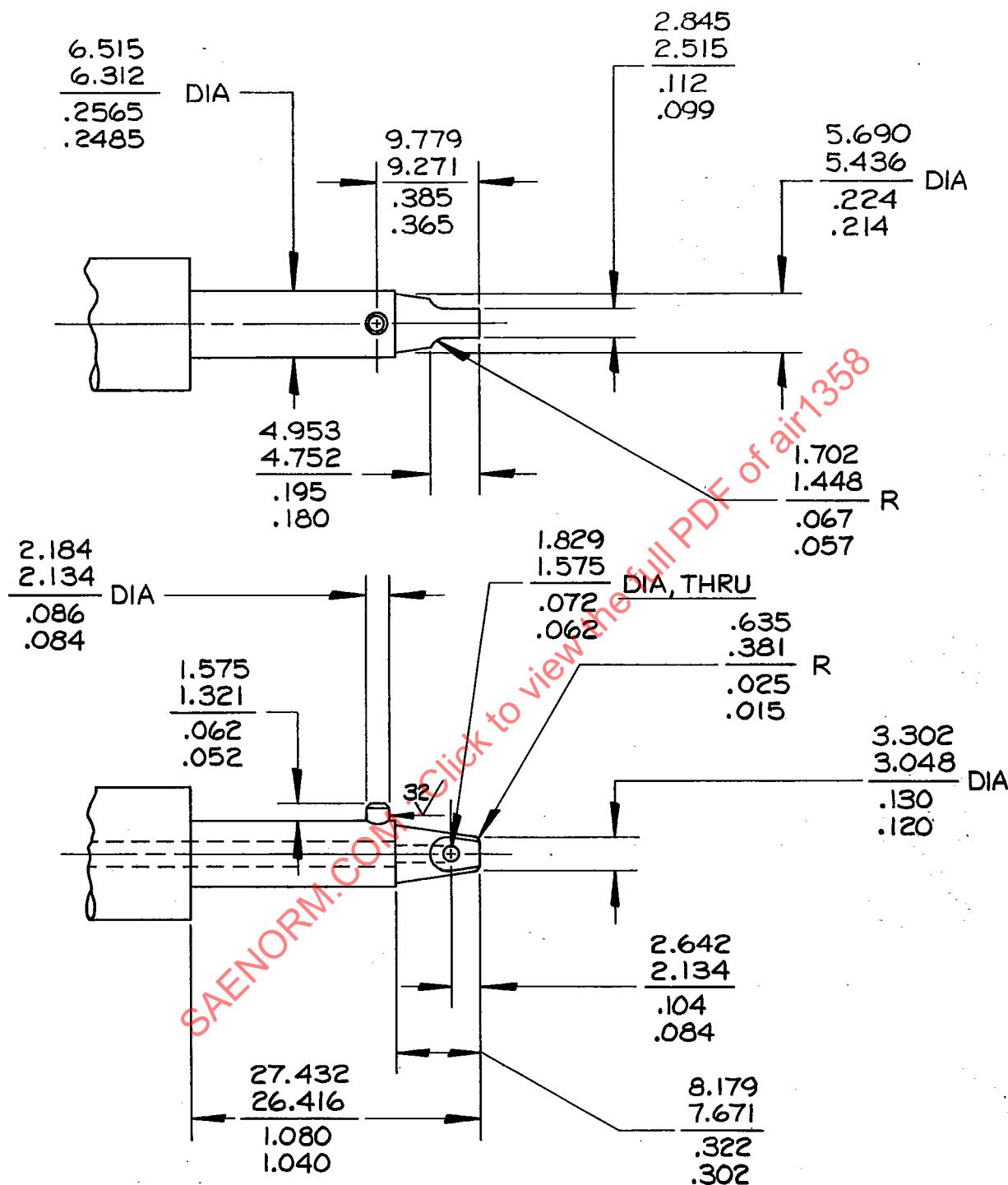
- 4 -



NOTE : THIS DISCONNECT IS SPRING LOADED

MILITARY STANDARD HOSE DISCONNECT FITTING
PER MS21964-20

- 5 -



NOTE: ALL SURFACES TO HAVE ∇^{63} FINISH OR BETTER UNLESS
OTHERWISE SPECIFIED

PURITAN-BENNETT HOSE DISCONNECT FITTING
 (OLD STYLE) MFG. CODE M16827