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Superseding AS666C	

**Cavity Design and O-ring Selection for Static Seal
Use in Aircraft Tubeless Tire Wheels**

RATIONALE

This document has not been maintained. The document's primary purpose was to provide instructions for designing a static seal gland and o-ring for the wheel halves. Modern wheel static seal gland & o-ring design must take into account the wheel size, use, environment and type (for example demountable flange). The designs depend on these factors such that the designs will vary for different applications as opposed to having one design for all applications as AS 666 specifies.

CANCELLATION NOTICE

This document has been declared "CANCELLED" as of January 2011. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index.

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NONCURRENT NOTICE

This specification has been declared "NONCURRENT" as of January 2005. It is recommended, therefore, that this document not be specified for new designs.

Each of these "NONCURRENT" documents is available from SAE.

Document made inactive for new designs. Committee feels that the practice amongst wheel manufacturers is to use proprietary gland standards and materials to improve seal integrity rendering this document obsolete for new design. This document shall be retained for historical record only.