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APPROVAL: _____

TANIS FIREPROOF GROMMET INSTALLATION INSTRUCTIONS

General overview:

The Tanis fireproof grommet is for use in firewall and barrier penetrations. Grommet assembly conforms to 14 CFR Part 23-1191/AC20-135.

Material descriptions:

The fireproof grommet assembly consists of:

- Stainless steel grommet retainers
- Black elastomeric grommets
- Ceramic Fiberfrax gaskets
- Tanis bonding sealant
- Mounting hardware

Parts are stacked on each side of the penetration and sealed with bonding sealant as shown on page two, figure 1.

Reference assembly figure, 1 this document.

Installation:

1. VERIFY INSTALLATION LOCATION.
2. DRILL BARRIER FOR MOUNTING HARDWARE AND HOLE FOR WIRE PENETRATION. THE WIRE HOLE SHOULD BE AT LEAST .30 INCHES AND NO LARGER THAN .65 INCHES IN DIAMETER. A .65 HOLE WILL ALLOW FOR THE PLUG END OF THE STANDARD TANIS CABLE CONNECTOR TO PASS THROUGH WITHOUT DISASSEMBLY.
3. DEBURR EDGES OF PENETRATIONS.
4. INSTALL CERAMIC GASKET ON BOTH SIDES OF THE FIREWALL WITH CABLE PASSING THROUGH. INSTALL GROMMETS AND STAMPED HOLDER TO EACH SIDE. SEE FIGURE 1.
5. INSTALL HARDWARE AND TIGHTEN, COMPRESSING ALL THE LAYERS TOGETHER SECURELY.
6. APPLY TANIS BONDING SEALANT TO FILL ANY VOIDS AROUND WIRE AND COVER EXPOSED SURFACE WHERE WIRE PENETRATES GROMMET WITH A LAYER .163 TO .25 INCHES THICK.

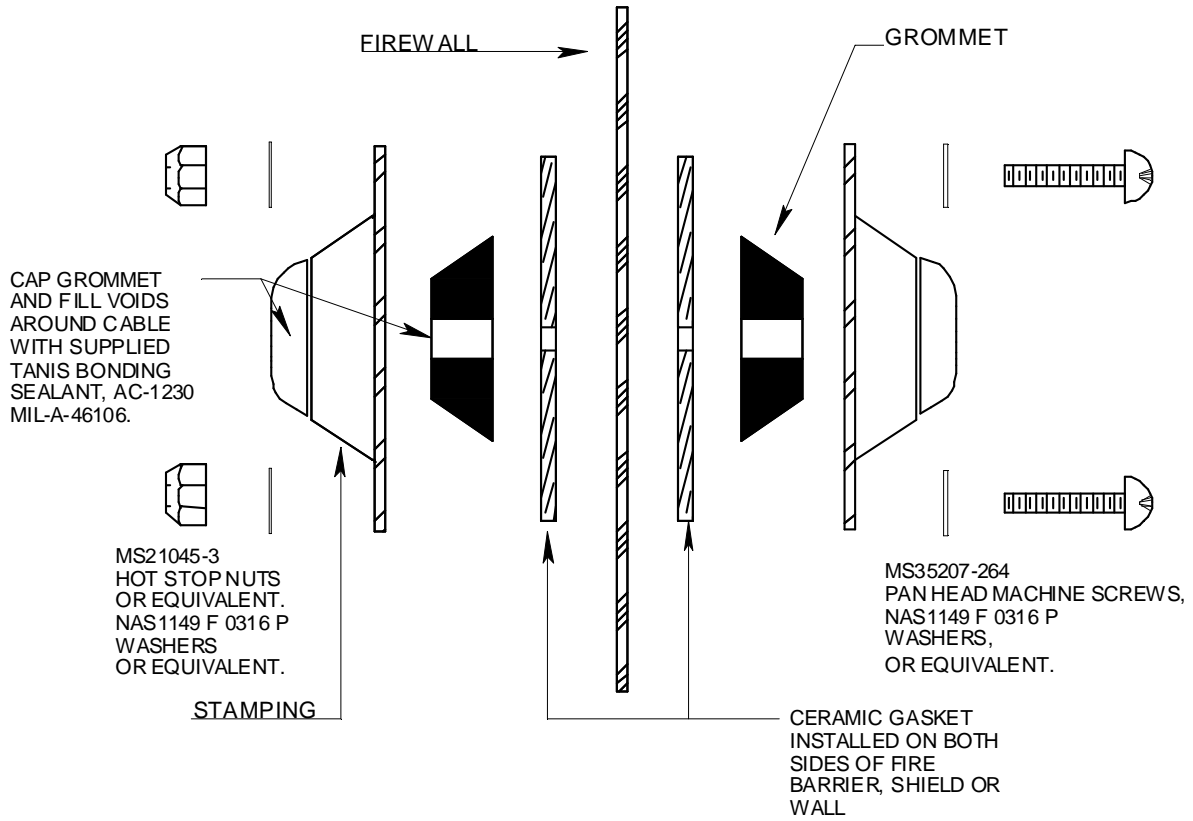


FIGURE 1