

NOTICE OF  
CANCELLATION

INCH-POUND

AN919 REV 9  
NOTICE 2  
21 January 2009  
SUPERSEDING  
NOTICE 1  
28 September 1999

AIR FORCE/NAVY AERONAUTICAL STANDARD

REDUCER – EXTERNAL THREAD FLARED TUBE

AN919 REV 9, dated 04 August 1983, is hereby canceled. Future acquisitions for this item should refer to SAE-AS5174, "Fitting, Union and Reducer, Flared".

(Copies of these documents are available online at <http://www.sae.org> or from the SAE World Headquarters, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

Reason for NOTICE 2: SAE inactivated Part or Identifying Numbers (PIN) with material code letter D for replacement parts and for new design to use code letter W. This is because code letter W is stronger in tensile strength than code letter D. This is based on the previous PA's revision, as a result of lessons learned. Plus to add back material code letter S for replacement parts and for new design to use code letter R. The code letter R is better for applications requiring higher temperature.

Table I provides a detailed cross-reference of cancelled AN919 REV 9 PINs and replacement SAE-AS5174 PINs.

CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.

CONCLUDING MATERIAL

Custodians:

Army - AV  
Navy - AS  
Air Force - 99  
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-2008-083)

Review activities:

Army- AR, CR4  
Navy- CG, MC, SA, SH  
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.

AN919 REV 9  
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TABLE I. AN919 REV 9 to SAE-AS5174. cross-reference data.

| Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN | Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| AN919-0             | .188         | AS5174-0302           | AN919-5             | .375         | AS5174-0603           |
| AN919-0D            | .188         | AS5174D0302 <u>1/</u> | AN919-5D            | .375         | AS5174D0603 <u>1/</u> |
| AN919-0D            | .188         | AS5174W0302 <u>2/</u> | AN919-5D            | .375         | AS5174W0603 <u>2/</u> |
| AN919-0J            | .188         | AS5174J0302           | AN919-5J            | .375         | AS5174J0603           |
| AN919-0K            | .188         | AS5174K0302           | AN919-5K            | .375         | AS5174K0603           |
| AN919-0S            | .188         | AS5174S0302 <u>3/</u> | AN919-5S            | .375         | AS5174S0603 <u>3/</u> |
| AN919-0S            | .188         | AS5174R0302 <u>4/</u> | AN919-5S            | .375         | AS5174R0603 <u>4/</u> |
| AN919-0T            | .188         | AS5174T0302           | AN919-5T            | .375         | AS5174T0603           |
| AN919-0W            | .188         | AS5174W0302           | AN919-5W            | .375         | AS5174W0603           |
|                     |              |                       |                     |              |                       |
| AN919-1             | .250         | AS5174-0402           | AN919-6             | .375         | AS5174-0604           |
| AN919-1D            | .250         | AS5174D0402 <u>1/</u> | AN919-6D            | .375         | AS5174D0604 <u>1/</u> |
| AN919-1D            | .250         | AS5174W0402 <u>2/</u> | AN919-6D            | .375         | AS5174W0604 <u>2/</u> |
| AN919-1J            | .250         | AS5174J0402           | AN919-6J            | .375         | AS5174J0604           |
| AN919-1K            | .250         | AS5174K0402           | AN919-6K            | .375         | AS5174K0604           |
| AN919-1S            | .250         | AS5174S0402 <u>3/</u> | AN919-6S            | .375         | AS5174S0604 <u>3/</u> |
| AN919-1S            | .250         | AS5174R0402 <u>4/</u> | AN919-6S            | .375         | AS5174R0604 <u>4/</u> |
| AN919-1T            | .250         | AS5174T0402           | AN919-6T            | .375         | AS5174T0604           |
| AN919-1W            | .250         | AS5174W0402           | AN919-6W            | .375         | AS5174W0604           |
|                     |              |                       |                     |              |                       |
| AN919-2             | .250         | AS5174-0403           | AN919-7             | .375         | AS5174-0605           |
| AN919-2D            | .250         | AS5174D0403 <u>1/</u> | AN919-7D            | .375         | AS5174D0605 <u>1/</u> |
| AN919-2D            | .250         | AS5174W0403 <u>2/</u> | AN919-7D            | .375         | AS5174W0605 <u>2/</u> |
| AN919-2J            | .250         | AS5174J0403           | AN919-7J            | .375         | AS5174J0605           |
| AN919-2K            | .250         | AS5174K0403           | AN919-7K            | .375         | AS5174K0605           |
| AN919-2S            | .250         | AS5174S0403 <u>3/</u> | AN919-7S            | .375         | AS5174S0605 <u>3/</u> |
| AN919-2S            | .250         | AS5174R0403 <u>4/</u> | AN919-7S            | .375         | AS5174R0605 <u>4/</u> |
| AN919-2T            | .250         | AS5174T0403           | AN919-7T            | .375         | AS5174T0605           |
| AN919-2W            | .250         | AS5174W0403           | AN919-7W            | .375         | AS5174W0605           |
|                     |              |                       |                     |              |                       |
| AN919-3             | .312         | AS5174-0504           | AN919-8             | .500         | AS5174-0802           |
| AN919-3D            | .312         | AS5174D0504 <u>1/</u> | AN919-8D            | .500         | AS5174D0802 <u>1/</u> |
| AN919-3D            | .312         | AS5174W0504 <u>2/</u> | AN919-8D            | .500         | AS5174W0802 <u>2/</u> |
| AN919-3J            | .312         | AS5174J0504           | AN919-8J            | .500         | AS5174J0802           |
| AN919-3K            | .312         | AS5174K0504           | AN919-8K            | .500         | AS5174K0802           |
| AN919-3S            | .312         | AS5174S0504 <u>3/</u> | AN919-8S            | .500         | AS5174S0802 <u>3/</u> |
| AN919-3S            | .312         | AS5174R0504 <u>4/</u> | AN919-8S            | .500         | AS5174R0802 <u>4/</u> |
| AN919-3T            | .312         | AS5174T0504           | AN919-8T            | .500         | AS5174T0802           |
| AN919-3W            | .312         | AS5174W0504           | AN919-8W            | .500         | AS5174W0802           |
|                     |              |                       |                     |              |                       |
| AN919-4             | .375         | AS5174-0602           | AN919-9             | .500         | AS5174-0803           |
| AN919-4D            | .375         | AS5174D0602 <u>1/</u> | AN919-9D            | .500         | AS5174D0803 <u>1/</u> |
| AN919-4D            | .375         | AS5174W0602 <u>2/</u> | AN919-9D            | .500         | AS5174W0803 <u>2/</u> |
| AN919-4J            | .375         | AS5174J0602           | AN919-9J            | .500         | AS5174J0803           |
| AN919-4K            | .375         | AS5174K0602           | AN919-9K            | .500         | AS5174K0803           |
| AN919-4S            | .375         | AS5174S0602 <u>3/</u> | AN919-9S            | .500         | AS5174S0803 <u>3/</u> |
| AN919-4S            | .375         | AS5174R0602 <u>4/</u> | AN919-9S            | .500         | AS5174R0803 <u>4/</u> |

See notes at end of tables

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TABLE I. AN919 REV 9 to SAE-AS5174 cross-reference data – Continued.

| Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN | Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| AN919-4T            | .375         | AS5174T0602           | AN919-9T            | .500         | AS5174T0803           |
| AN919-4W            | .375         | AS5174W0602           | AN919-9W            | .500         | AS5174W0803           |
|                     |              |                       |                     |              |                       |
| AN919-10            | .500         | AS5174-0804           | AN919-15            | .625         | AS5174-1008           |
| AN919-10D           | .500         | AS5174D0804 <u>1/</u> | AN919-15D           | .625         | AS5174D1008 <u>1/</u> |
| AN919-10D           | .500         | AS5174W804 <u>2/</u>  | AN919-15D           | .625         | AS5174W008 <u>2/</u>  |
| AN919-10J           | .500         | AS5174J0804           | AN919-15J           | .625         | AS5174J1008           |
| AN919-10K           | .500         | AS5174K0804           | AN919-15K           | .625         | AS5174K1008           |
| AN919-10S           | .500         | AS5174S804 <u>3/</u>  | AN919-15S           | .625         | AS5174S008 <u>3/</u>  |
| AN919-10S           | .500         | AS5174R804 <u>4/</u>  | AN919-15S           | .625         | AS5174R008 <u>4/</u>  |
| AN919-10T           | .500         | AS5174T0804           | AN919-15T           | .625         | AS5174T1008           |
| AN919-10W           | .500         | AS5174W0804           | AN919-15W           | .625         | AS5174W1008           |
|                     |              |                       |                     |              |                       |
| AN919-11            | .500         | AS5174-0805           | AN919-16            | .750         | AS5174-1204           |
| AN919-11D           | .500         | AS5174D0805 <u>1/</u> | AN919-16D           | .750         | AS5174D1204 <u>1/</u> |
| AN919-11D           | .500         | AS5174W805 <u>2/</u>  | AN919-16D           | .750         | AS5174W204 <u>2/</u>  |
| AN919-11J           | .500         | AS5174J0805           | AN919-16J           | .750         | AS5174J1204           |
| AN919-11K           | .500         | AS5174K0805           | AN919-16K           | .750         | AS5174K1204           |
| AN919-11S           | .500         | AS5174S805 <u>3/</u>  | AN919-16S           | .750         | AS5174S204 <u>3/</u>  |
| AN919-11S           | .500         | AS5174R805 <u>4/</u>  | AN919-16S           | .750         | AS5174R204 <u>4/</u>  |
| AN919-11T           | .500         | AS5174T0805           | AN919-16T           | .750         | AS5174T1204           |
| AN919-11W           | .500         | AS5174W0805           | AN919-16W           | .750         | AS5174W1204           |
|                     |              |                       |                     |              |                       |
| AN919-12            | .500         | AS5174-0806           | AN919-17            | .750         | AS5174-1205           |
| AN919-12D           | .500         | AS5174D0806 <u>1/</u> | AN919-17D           | .750         | AS5174D1205 <u>1/</u> |
| AN919-13D           | .625         | AS5174W004 <u>2/</u>  | AN919-18D           | .750         | AS5174W206 <u>2/</u>  |
| AN919-12J           | .500         | AS5174J0806           | AN919-17J           | .750         | AS5174J1205           |
| AN919-12K           | .500         | AS5174K0806           | AN919-17K           | .750         | AS5174K1205           |
| AN919-12S           | .500         | AS5174S806 <u>3/</u>  | AN919-17S           | .750         | AS5174S205 <u>3/</u>  |
| AN919-12S           | .500         | AS5174R806 <u>4/</u>  | AN919-17S           | .750         | AS5174R205 <u>4/</u>  |
| AN919-12T           | .500         | AS5174T0806           | AN919-17T           | .750         | AS5174T1205           |
| AN919-12W           | .500         | AS5174W0806           | AN919-17W           | .750         | AS5174W1205           |
|                     |              |                       |                     |              |                       |
| AN919-13            | .625         | AS5174-1004           | AN919-18            | .750         | AS5174-1206           |
| AN919-13D           | .625         | AS5174D1004 <u>1/</u> | AN919-18D           | .750         | AS5174D1206 <u>1/</u> |
| AN919-13D           | .625         | AS5174W1004 <u>2/</u> | AN919-18D           | .750         | AS5174W1206 <u>2/</u> |
| AN919-13J           | .625         | AS5174J1004           | AN919-18J           | .750         | AS5174J1206           |
| AN919-13K           | .625         | AS5174K1004           | AN919-18K           | .750         | AS5174K1206           |
| AN919-13S           | .625         | AS5174S1004 <u>3/</u> | AN919-18S           | .750         | AS5174S1206 <u>3/</u> |
| AN919-13S           | .625         | AS5174R1004 <u>4/</u> | AN919-18S           | .750         | AS5174R1206 <u>4/</u> |
| AN919-13T           | .625         | AS5174T1004           | AN919-18T           | .750         | AS5174T1206           |
| AN919-13W           | .625         | AS5174W1004           | AN919-18W           | .750         | AS5174W1206           |
|                     |              |                       |                     |              |                       |
| AN919-14            | .625         | AS5174-1006           | AN919-19            | .750         | AS5174-1208           |
| AN919-14D           | .625         | AS5174D1006 <u>1/</u> | AN919-19D           | .750         | AS5174D1208 <u>1/</u> |
| AN919-14D           | .625         | AS5174W1006 <u>2/</u> | AN919-19D           | .750         | AS5174W1208 <u>2/</u> |
| AN919-14J           | .625         | AS5174J1006           | AN919-19J           | .750         | AS5174J1208           |
| AN919-14K           | .625         | AS5174K1006           | AN919-19K           | .750         | AS5174K1208           |
| AN919-14S           | .625         | AS5174S1006 <u>3/</u> | AN919-19S           | .750         | AS5174S1208 <u>3/</u> |
| AN919-14S           | .625         | AS5174R1006 <u>4/</u> | AN919-19S           | .750         | AS5174R1208 <u>4/</u> |
| AN919-14T           | .625         | AS5174T1006           | AN919-19T           | .750         | AS5174T1208           |
| AN919-14W           | .625         | AS5174W1006           | AN919-19W           | .750         | AS5174W1208           |

See notes at end at tables

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TABLE I. AN919 REV 9 to SAE-AS5174, cross-reference data – Continued.

| Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN | Cancelled<br>AN PIN | Tube<br>Size | Replacement<br>AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| AN919-20            | .750         | AS5174-1210           | AN919-25            | 1.250        | AS5174-2012           |
| AN919-20D           | .750         | AS5174D1210 <u>1/</u> | AN919-25D           | 1.250        | AS5174D2012 <u>1/</u> |
| AN919-20D           | .750         | AS5174W1210 <u>2/</u> | AN919-25D           | 1.250        | AS5174W2012 <u>2/</u> |
| AN919-20J           | .750         | AS5174J1210           | AN919-25J           | 1.250        | AS5174J2012           |
| AN919-20K           | .750         | AS5174K1210           | AN919-25K           | 1.250        | AS5174K2012           |
| AN919-20S           | .750         | AS5174S1210 <u>3/</u> | AN919-25S           | 1.250        | AS5174S2012 <u>3/</u> |
| AN919-20S           | .750         | AS5174R1210 <u>4/</u> | AN919-25S           | 1.250        | AS5174R2012 <u>4/</u> |
| AN919-20T           | .750         | AS5174T1210           | AN919-25T           | 1.250        | AS5174T2012           |
| AN919-20W           | .750         | AS5174W1210           | AN919-25W           | 1.250        | AS5174W2012           |
|                     |              |                       |                     |              |                       |
| AN919-21            | 1.000        | AS5174-1604           | AN919-26            | 1.250        | AS5174-2016           |
| AN919-21D           | 1.000        | AS5174D1604 <u>1/</u> | AN919-26D           | 1.250        | AS5174D2016 <u>1/</u> |
| AN919-21D           | 1.000        | AS5174W1604 <u>2/</u> | AN919-26D           | 1.250        | AS5174W2016 <u>2/</u> |
| AN919-21J           | 1.000        | AS5174J1604           | AN919-26J           | 1.250        | AS5174J2016           |
| AN919-21K           | 1.000        | AS5174K1604           | AN919-26K           | 1.250        | AS5174K2016           |
| AN919-21S           | 1.000        | AS5174S1604 <u>3/</u> | AN919-26S           | 1.250        | AS5174S2016 <u>3/</u> |
| AN919-21S           | 1.000        | AS5174R1604 <u>4/</u> | AN919-26S           | 1.250        | AS5174R2016 <u>4/</u> |
| AN919-21T           | 1.000        | AS5174T1604           | AN919-26T           | 1.250        | AS5174T2016           |
| AN919-21W           | 1.000        | AS5174W1604           | AN919-26W           | 1.250        | AS5174W2016           |
|                     |              |                       |                     |              |                       |
| AN919-22            | 1.000        | AS5174-1610           | AN919-27            | 1.500        | AS5174-2416           |
| AN919-22D           | 1.000        | AS5174D1610 <u>1/</u> | AN919-27D           | 1.500        | AS5174D2416 <u>1/</u> |
| AN919-22D           | 1.000        | AS5174W1610 <u>2/</u> | AN919-27D           | 1.500        | AS5174W2416 <u>2/</u> |
| AN919-22J           | 1.000        | AS5174J1610           | AN919-27J           | 1.500        | AS5174J2416           |
| AN919-22K           | 1.000        | AS5174K1610           | AN919-27K           | 1.500        | AS5174K2416           |
| AN919-22S           | 1.000        | AS5174S1610 <u>3/</u> | AN919-27S           | 1.500        | AS5174S2416 <u>3/</u> |
| AN919-22S           | 1.000        | AS5174R1610 <u>4/</u> | AN919-27S           | 1.500        | AS5174R2416 <u>4/</u> |
| AN919-22T           | 1.000        | AS5174T1610           | AN919-27T           | 1.500        | AS5174T2416           |
| AN919-22W           | 1.000        | AS5174W1610           | AN919-27W           | 1.500        | AS5174W2416           |
|                     |              |                       |                     |              |                       |
| AN919-23            | 1.000        | AS5174-1612           | AN919-28            | 1.500        | AS5174-2420           |
| AN919-23D           | 1.000        | AS5174D1612 <u>1/</u> | AN919-28D           | 1.500        | AS5174D2420 <u>1/</u> |
| AN919-23D           | 1.000        | AS5174W1612 <u>2/</u> | AN919-28D           | 1.500        | AS5174W2420 <u>2/</u> |
| AN919-23J           | 1.000        | AS5174J1612           | AN919-28J           | 1.500        | AS5174J2420           |
| AN919-23K           | 1.000        | AS5174K1612           | AN919-28K           | 1.500        | AS5174K2420           |
| AN919-23S           | 1.000        | AS5174S1612 <u>3/</u> | AN919-28S           | 1.500        | AS5174S2420 <u>3/</u> |
| AN919-23S           | 1.000        | AS5174R1612 <u>4/</u> | AN919-28S           | 1.500        | AS5174R2420 <u>4/</u> |
| AN919-23T           | 1.000        | AS5174T1612           | AN919-28T           | 1.500        | AS5174T2420           |
| AN919-23W           | 1.000        | AS5174W1612           | AN919-28W           | 1.500        | AS5174W2420           |
|                     |              |                       |                     |              |                       |
| AN919-24            | 1.250        | AS5174-2004           | AN919-29            | 1.000        | AS5174-1608           |
| AN919-24D           | 1.250        | AS5174D2004 <u>1/</u> | AN919-29D           | 1.000        | AS5174D1608 <u>1/</u> |
| AN919-23D           | 1.000        | AS5174W1612 <u>1/</u> | AN919-28D           | 1.500        | AS5174W2420 <u>2/</u> |
| AN919-24J           | 1.250        | AS5174J2004           | AN919-29J           | 1.000        | AS5174J1608           |
| AN919-24K           | 1.250        | AS5174K2004           | AN919-29K           | 1.000        | AS5174K1608           |
| AN919-24S           | 1.250        | AS5174S2004 <u>3/</u> | AN919-29S           | 1.000        | AS5174S1608 <u>3/</u> |
| AN919-24S           | 1.250        | AS5174R2004 <u>4/</u> | AN919-29S           | 1.000        | AS5174R1608 <u>4/</u> |
| AN919-24T           | 1.250        | AS5174T2004           | AN919-29T           | 1.000        | AS5174T1608           |
| AN919-24W           | 1.250        | AS5174W2004           | AN919-29W           | 1.000        | AS5174W1608           |

1/ For replacements parts, use code letter "D". Reason: SAE-G3 and DoD liaisons agreed to use code "D" for replacement PINs.

2/ For new design parts, use code letter "W" . Reason: SAE-G3 and DoD liaisons agreed to use code "W" for new design.

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TABLE I. AN919 REV 9 to SAE-AS5174, cross-reference data – Continued.

- 3/ For replacement parts use code letter "S". Reason: SAE-G3 and DoD liaisons agreed to use code "S" for replacement PINs.
- 4/ For new design Parts use code Letter "R". Reason: SAE-G3 and DoD liaisons agreed to use code "R" for new design.