

14153 QAP-CSI008399269  
DTD 16 APR 08

**DEFENSE SUPPLY CENTER PHILADELPHIA  
QUALITY ASSURANCE PROVISION**

**NSN: 5310-00-839-9269  
P/N: MS9549-11**

This Quality Assurance Provision (**QAP**) is to be used in conjunction with any orders/contracts for the cited NSN

<b>FIRST ARTICLE REQUIREMENTS</b>		1. DATE
<i>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</i>		24 MAR 2008
2. PR/MIPR NUMBER	3. PART NUMBER	4. NSN
	AS9549	5310008399269SX
5. FIRST ARTICLE QUANTITY		
THE FIRST ARTICLE IS <u>2</u> UNIT(S) OF LOT/ITEM EA _____		
AND WILL BE: <input checked="" type="checkbox"/> PART OF PRODUCTION QUANTITY <input type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY		
6. ARTICLES		7. LONG LEAD TIME ITEMS
<input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT		<input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED
SERVE AS A MANUFACTURING		<i>(See FAR 52.209-3 OR -4, alternate II)</i>
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <i>(See FAR 52.209-3 OR -4 Alternate I)</i>		
<input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED		
"The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."		
9. TEST/INSPECTION REQUIREMENTS		
A. <input checked="" type="checkbox"/> CONTRACTOR TESTING		
<input type="checkbox"/> GOVERNMENT TESTING		
Performance or other characteristics which the First Articles must meet are		
<u>AS9549</u>		
B. The detailed technical requirements for First Article approval tests are contained in		
<u>AS9549</u>		
<i>(Cite Spec and Para number)</i>		
C. <input type="checkbox"/> TEST PLAN REQUIRED		
(1) DD Form 1423 ELIN		
_____		
(2) Delivery due _____ calendar days from date of contract.		
(3) Number of days for government approval/disapproval _____ days.		
D. Contractor's notification to ACO and		
<u>553 CBSS/GBEA</u>		
<i>(Requesting Activity)</i>		
of test time and location due <u>120</u> days prior to start of testing.		
E. <input checked="" type="checkbox"/> TEST REPORT REQUIRED		
(1) DD Form 1423 ELIN		
<u>N/A</u>		
(2) Due <u>180</u> calendar days from date of contract.		
(3) Forwarded to		
<u>DDOO-SOP(First Articles), Bldg 18 Door 16</u>		
<u>8080 Perimeter Road,</u>		
<u>Tinker AFB, OK 73145-8000</u>		
_____		
(4) Government written notice of approval/disapproval due <u>120</u> days after receipt of contractor's report.		
F. FIRST ARTICLE DELIVERY		

(1) Due within 180 calendar days from date contract.

(2) Notify 120 calendar days prior to shipment.

(3) Delivered to government at

DDOO-SOP(First Articles), Bldg 18 Door 16

8080 Perimeter Rd.

Tinker AFB, OK 73145-8000

*(Set Forth Consignee and Address)*

(4) Government written notice of approval/disapproval within 180 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.

\$5,000.00

#### 10. DISPOSITION OF FIRST ARTICLES

Approved First Articles will be forwarded to  
supply \_\_\_\_\_

\_\_\_\_\_ (insert quantity) First Articles will be expended in testing. Residual components of disapproved First Articles

will be returned to the contractor

will be retained by \_\_\_\_\_  
pending disposition instructions from the contractor.

First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply but will be considered part of the contract quantity.

Disapproved First Articles will be returned to the contractor/

will be retained by \_\_\_\_\_  
pending disposition instructions from the contractor

On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)).

a. Approved First Articles will be returned to the contractor for shipment with production item.

b. Disposition of disapproved First Articles will remain the same as marked above.

Other Disposition:  
\_\_\_\_\_

#### 11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

a.  Offers who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the  
 Government,  DoD,  Air Force.

b.  Offers currently in production of the same or similar article for a  Government,  DoD,  
 Air Force contract and who have received First Article approval under the existing contract.

c.  Offers who have previously furnished production quantities of the same or similar articles to the  
 Government,  DoD,  
 Air Force, provided articles thus furnished, have exhibited satisfactory performance in service in the opinion of the Air Force.

d.  Provided not more than 36 months have elapsed since completion of the contract.

e.  First Article testing will not be waived.

f.  See Remarks in block 12 below.

**NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (That is, both with and without requirement for first article approval) AND MUST**

FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE

B. CONTRACT NUMBER

C. DATE OF CONTRACT

D. SPECIFICATION NUMBER AND REVISION

\_\_\_\_\_

12. REMARKS

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR  
CONDUCTING AND/OR APPROVING TEST (*Name, Organization,  
Phone*)

14. PR INITIATOR (*Name, Organization, Phone*)

ENGINEERING DATA LIST										*HISTORY*		
REVISION: 1		DATA TECH: McKimney, Michael W		ORGANIZATION/OFFICE SYMBOL: 558 CBSS / GBHBB		REFERENCE NUMBER: AS9549		END ITEM: B-52H		PAGE 1 OF 2		
CAGE: 80205	MANUFACTURER NAME: NATIONAL AEROSPACE STANDARDS COMMIT			REV		NR SHEETS	FURN CODE	DIST CODE	NOUN	REMARKS	NOUN: WASHER-FLAT	NSN: 5310008399269SX
LINE /SUB	CAGE	ENG DRAWING NUM / ACCOMP DOC NUM	REV	NR SHEETS	FURN CODE	DIST CODE	NOUN	REMARKS	NAME: McKimney, Michael W DASH NO -11; ENGR NOTES 1-4	DATE: 24 MAR 2008		
L	80205	SAE AS9549			O		FLAT WASHER					
L	00000	ASME Y14.5M			O		DIMENSIONS AND TOLERANCES					
L	00000	SAE AMS 5510			O		CRES STEEL PLATE/SHEET					
L	00000	SAE AS291			O		SURFACE TEXTURE					
L	00000	SAE AS478			O		MARKING METHODS					
L	00000	MIL-STD-130			O		ID MARKING US MILITARY PROPERTY					

EDL

Generated By PRPS Using Oracle Reports

**ENGINEERING DATA LIST**

REVISION: 1	*HISTORY*		
DATE: 24 MAR 2008	DATA TECH: McKinney, Michael W	ORGANIZATION/OFFICE SYMBOL: 558 CBSS / GBHBB	END ITEM: B-52H
CAGE: 80205	MANUFACTURER NAME: NATIONAL AEROSPACE STANDARDS COMMIT	REFERENCE NUMBER: AS9549	NOUN: WASHER,FLAT

STANDARD ENGINEERING TEXT

NAME: McKinney, Michael W      DATE: 24 MAR 2008  
 RELEASE OF THIS DATA TO A FOREIGN-OWNED, CONTROLLED OR INFLUENCED COMPANY IS DEPENDENT UPON THE APPROVAL OF THE FOREIGN DISCLOSURE OFFICE.  
 REFERENCE ALL DETAIL AND OR TIERED DRAWINGS, SPECIFICATIONS AND DOCUMENTS; THE REQUIRED USE OF A CLASS 1 ODS AS DEFINED IN CLAUSE H-305 AND OR L-513 IS PROHIBITED. THE CONTRACTOR MUST USE THE ALTERNATE PROCESSES AND OR CHEMICALS SPECIFIED IN THE APPLICABLE DRAWINGS, SPECIFICATIONS AND DOCUMENTS.  
 THE CONTRACTOR SHALL USE THE MOST CURRENT AMENDMENTS APPLICABLE TO EACH MIL SPEC, MIL STD, INDUSTRY SPEC OR INDUSTRY STD AS OF THE EFFECTIVE DATE OF THIS CONTRACT UNLESS OTHERWISE NOTED.

FURNISHED METHOD CODE LEGEND:

C - CLASSIFIED DOCUMENT S - FURNISHED WITH SOLICITATION. M - STABLE BASE DRAWING REQUIRED; FURNISHED WITH CONTRACT AWARD.	X - DATA SUPPLIED (NOT IN JEDMICS). R - FURNISHED BY PCO UPON REQUEST. P - PARTIAL DOCUMENT FURNISHED. V - VENDOR DRAWING; (NOT PROVIDED).
G - GOV'T DOCUMENT. O - OTHERS, CONTRACTOR MUST ACQUIRE. A - DATA NOT AVAILABLE.	

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**TECHNICAL DATA PACKAGE – ENGINEERING NOTES (ENs)**PAGE 1  
OF 3 PAGESNATIONAL STOCK NUMBER  
5310-00-839-9269SXPART NUMBER  
MS9549-11DATE  
MARCH 24, 2008

1. PART MARKING IAW MIL-STD-130, METHOD PER SAE AS478.
2. DIMENSIONS AND TOLERANCES PER ASME Y14.5M.

**TECHNICAL DATA PACKAGE – ENGINEERING NOTES (ENs)**PAGE 2  
OF 3 PAGESNATIONAL STOCK NUMBER  
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3. WHEN CHECKED BELOW OR LISTED IN THESE NOTES, DEFINITIONS APPLICABLE TO THIS PRODUCT ARE OR HAVE:

(A) **ENGINEERING CRITICAL IN APPLICATION:** An item, which requires special manufacturing processes, controls, and testing of material or end items. Because of its use or application, failure to maintain the highest reliability of such an item could be catastrophic resulting in loss of life or serious injury, loss of a weapon system or extensive secondary damage, with direct impact on the capability to respond to a national emergency or to achieve wartime sustainability.

(B) **CRITICAL CHARACTERISTICS:** Characteristics which, when defective, are likely to result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product; or, are likely to prevent performance of the tactical function of a major end item such as an aircraft, missile, space vehicle, engine or a major part thereof. (Derived from MIL-STD-1916).

(C) **MAJOR CHARACTERISTICS:** Characteristics (other than critical or minor), which, when defective, are likely to result in failure or to reduce the usability of the product or a major end item for its intended purpose. (Derived from MIL-STD-1916).

(D) **MINOR CHARACTERISTICS:** All characteristics not designated as critical or major but for which full conformity is required

(E) **COMPLEX:** Items having quality characteristics not wholly visible (hidden characteristics), in the end product for which contractual conformance must be established progressively through precise measurements, tests or controls applied during purchasing, manufacturing, performance, assembly and functional operation either as an individual item or in conjunction with other items [FAR SUBPART 46.203(b)].

(F) **COMMERCIAL:** Described in commercial catalogs, drawings or industrial standards [FAR SUBPART 46.203(a), (1)].

THIS PRODUCT HAS BEEN DETERMINED TO BE OR CONTAINS (AS CHECKED BELOW):

- Engineering critical in application.
- Critical characteristics.
- Major characteristics.
- Minor characteristics, all except critical and major.
- Complex.
- Available as a commercial product.

**TECHNICAL DATA PACKAGE – ENGINEERING NOTES (ENs)**PAGE 3  
OF 3 PAGES

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MARCH 24, 2008

4. When materials, processes or components are to be obtained from directed sources as indicated herein or in the specifications, alternate sources may only be utilized upon prior approval by the contracting officer of this procuring activity as a deviation.

Bidders shall notify this procuring activity at the time of quotation of any drawing, specification or standard which is of more current data revision than those shown on the data listing or in these engineering notes. Determination of acceptability of the more currently dated data will be made by the responsible engineering office of this procuring activity.

Lower tier specifications listed in or referenced by first tier specifications may not be shown on the data lists or engineering notes accompanying this contract but are nonetheless required by this contract for compliance. Exceptions would occur only when such lower tier requirements have been specifically waived or substitute specifications/requirements are designated herein.

Reports, process sheets, inspection methods sheets and all other documents required by specifications imposed by this contract for contractor compliance which were previously required to be submitted to a prime design contractor shall be held at that facility for review by government personnel.

When prime design source specifications require or provide for participation by that prime source quality, manufacturing, laboratory or engineering support services, these requirements or provisions do not apply when the contract was issued by this procuring activity. For these services or direction pertaining thereto, contact the cognizant government contract administration office or this procuring activity for assistance.

The contractor is responsible for assuring that all dimensions, conditions, tests and test results identified in these engineering notes, applicable drawings, specifications and contract quality requirements are met by themselves and their suppliers. This requirement applies to all characteristics whether those characteristics have been specifically designed as being critical, major or are those minor characteristics not specifically designated as such.

**PROCESS DATA REQUIREMENTS (CHECK WHEN APPLICABLE)**

Prior to beginning of manufacture, the contractor will notify the engineering office of this procuring activity of all manufacturing process and processing procedures intended for use in production of this product. Once these processes are established, no changes shall be made without prior approval of the engineering office of this procuring activity.

**SERIALIZATION OF PARTS (CHECK WHEN APPLICABLE)**

Serialization of each part/assembly (contract end item) is required.