Attachment 001 ESM-H

REQUEST FOR DEVIATION/WAIVER (RFD/RFW)

1. DATE(YYMMDD) 00/02/16

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/ PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.

2. PROCURING ACTIVITY NUMBER: LOA7001

3. DODAAC:

4. ORIGINATOR

a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD

b. ADDRESS (street, City, State, Zip Code): AERO PRODUCTS COMPANY, 815. E. ROSECRANS AVE., LOS ANGELES, CA 90059-3510

5. (X one): [X] DEVIATION [ ] WAIVER

6. (X one): [ ] MAJOR [X] MINOR [ ] CRITICAL

7. DESIGNATION FOR DEVIATION/WAIVER

a. MODEL/TYPE: M109A6, M198, M119

b. CAGE CODE: 53616

c. SYS DESIG:

d. DEV/WAIVER NO.: 00T0065-01

8. BASELINE AFFECTED: [ ] FUNCTIONAL [ ] ALLOCATED [X] PRODUCT

9. OTHER SYSTEM/CONFIGURATION ITEMS AFFECTED: [X] YES [ ] NO

10. TITLE OF DEVIATION/WAIVER: CHANGE IN TOOL BOX

11. CONTRACT NO AND LINE ITEM:

12. PROCURING CONTRACTING OFFICER

a. NAME (First, Middle Initial, Last): DRUCILLA JOHNSON

b. CODE: AMSTA-LC-CFA-B

c. TELEPHONE NO: 309-782-3575

13. CONFIGURATION ITEM NOMENCLATURE: NITROGEN CHARGING KIT

14. CLASSIFICATION OF DEFECT

a. CD NO:

b. DEFECT NO:

c. DEFECT CLASSIFICATION: [ ] MINOR [ ] MAJOR [ ] CRITICAL

15. NAME OF LOWEST PART/ASSEMBLY AFFECTED: BOX

16. PART NO. OR TYPE DESIGNATION: S449343

17. EFFECTIVITY: TOTAL CONTRACT QUANITITY

18. RECURRING DEVIATION/WAIVER: [X] YES [ ] NO

19. EFFECT ON COST/PRICE: NONE

20. EFFECT ON DELIVERY SCHEDULE: NONE

21. EFFECT ON INTEGRATED LOGISTICS SUPPORT, INTERFACE OR SOFTWARE: NONE

22. DESCRIPTION OF DEVIATION/WAIVER

USE WATERLOO BOX COMPANY P/N: 50121 IN LIEU OF SPEC GGG-T-558/2B, TYPE III, CLASS 2 SIZE 21B. THE PROPOSED BOX IS 1.0" SHALLOWER THAN THE SPECIFIED BOX. THE BOX WILL BE FINISHED WITH PRIMER PER MIL-P-53022 AND TOPCOAT PER MIL-C-46168, 383 GREEN

23. NEED FOR DEVIATION/WAIVER

THE ONLY COMPANY THAT MANUFACTURED A BOX TO THE REQUIRED SPECIFICATION IS NO LONGER IN BUSINESS. WATERLOO IS THE ONLY KNOWN SOURCE FOR THIS TYPE OF TOOL BOX.

24. CORRECTIVE ACTION TAKEN

RECOMMEND THAT THE GOVERNMENT CHANGE DRAWING.

25. SUBMITTING ACTIVITY

a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD

b. TITLE: EXECUTIVE VICE PRESIDENT

c. SIGNATURE: Dwight N Baird

26. APPROVAL/DISAPPROVAL: RECOMMEND [ ] APPROVAL [ ] DISAPPROVAL

b. APPROVAL: [ ] APPROVED [ ] DISAPPROVED

c. GOVERNMENT ACTIVITY

d. TYPED NAME (First, Middle Initial, Last)

e. SIGNATURE

f. DATE SIGNED (YYMMDD)

g. APPROVAL: [X] APPROVED as modified [ ] DISAPPROVED

h. GOVERNMENT ACTIVITY: HQ, ODEC, AMSTA-AR-ESM

i. TYPED NAME (First, Middle Initial, Last): ARTHUR J. HEYDERMAN, Chief, Arty Sys & Armor Div.

j. SIGNATURE

k. DATE SIGNED (YYMMDD): 2000 03

DD Form 1694, APR 92 — Previous editions are obsolete.

Statement A, unlimited

Attachment 002 ESM-H

REQUEST FOR DEVIATION/WAIVER (RFD/RFW)

1. DATE(YYMMDD): 00/02/16

Form Approved OMB No. 0704-0188

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2. PROCURING ACTIVITY NUMBER: LOA7002

3. DODAAC:

4. ORIGINATOR
a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD
b. ADDRESS (street, City, State, Zip Code): AERO PRODUCTS COMPANY, 815 E. ROSECRANS AVE., LOS ANGELES, CA 90059-3510

5. (X one): [X] DEVIATION [ ] WAIVER

6. (X one): [ ] MAJOR [X] MINOR [ ] CRITICAL

7. DESIGNATION FOR DEVIATION/WAIVER

a. MODEL/TYPE	b. CAGE CODE	c. SYS DESIG.	d. DEV/WAIVER NO.
M109A6, M198, M119	53616		00T0085-02

8. BASELINE AFFECTED: [ ] FUNCTIONAL [ ] ALLOCATED [X] PRODUCT

9. OTHER SYSTEM/CONFIGURATION ITEMS AFFECTED: [X] YES [ ] NO

10. TITLE OF DEVIATION/WAIVER
CHANGE OF PRESSURE REGULATOR

11. CONTRACT NO. AND LINE ITEM

12. PROCURING CONTRACTING OFFICER
a. NAME (First, Middle Initial, Last): DRUCILLA JOHNSON
b. CODE: AMSTA-LC-CFA-B
c. TELEPHONE NO: 309-782-3575

13. CONFIGURATION ITEM NOMENCLATURE
NITROGEN CHARGING KIT

14. CLASSIFICATION OF DEFECT
a. CD NO:
b. DEFECT NO:
c. DEFECT CLASSIFICATION: [ ] MINOR [ ] MAJOR [ ] CRITICAL

15. NAME OF LOWEST PART/ASSEMBLY AFFECTED
REGULATOR

16. PART NO. OR TYPE DESIGNATION
8449341

17. EFFECTIVITY
TOTAL CONTRACT QUANITITY

18. RECURRING DEVIATION/WAIVER: [X] YES [ ] NO

19. EFFECT ON COST/PRICE
NONE

20. EFFECT ON DELIVERY SCHEDULE
NONE

21. EFFECT ON INTEGRATED LOGISTICS SUPPORT, INTERFACE OR SOFTWARE
NONE

22. DESCRIPTION OF DEVIATION/WAIVER
USE VICTOR MODEL SR4J-580 IN LIEU OF CIRCLE SEAL MODEL 1R12580C. 2900 PST RELIEF VALVE SHALL BE INSTALLED AT THE LOWER OUTLET PORT OF REGULATOR. REGULATOR OUTPUT PORTS SHALL BE 1/4" - 18 NPT THREADS. (1/4" SWAGED LOCK-TYPE FITTING TO BE REMOVED FROM OUTLET PORT.

23. NEED FOR DEVIATION/WAIVER
THE SPECIFIED REGULATOR COSTS TWICE AS MUCH AS THE RECOMMENDED REGULATOR, IT CONTAINS PLASTIC PARTS WHICH BREAK IN THE FIELD AND DELIVERY IS MUCH LONGER.

24. CORRECTIVE ACTION TAKEN
RECOMMEND THAT THE GOVERNMENT CHANGE DRAWING.

25. SUBMITTING ACTIVITY
a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD
b. TITLE: EXECUTIVE VICE PRESIDENT
c. SIGNATURE: Dwight N Baird

26. APPROVAL/DISAPPROVAL: RECOMMEND [ ] APPROVAL [ ] DISAPPROVAL

c. APPROVAL: [ ] APPROVED [ ] DISAPPROVED

c. GOVERNMENT ACTIVITY

d. TYPED NAME (First, Middle Initial, Last):

e. SIGNATURE

f. DATE SIGNED (YYMMDD):

g. APPROVAL: [X] APPROVED [ ] DISAPPROVED — As modified

h. GOVERNMENT ACTIVITY: HQ, ARDEC, AMSTA-AR-CCY

i. TYPED NAME (First, Middle Initial, Last): ARTHUR J. HEYDERMAN, Chief, Arty Sys & Armor Div.

j. SIGNATURE

k. DATE SIGNED (YYMMDD): 2000 03C

DD Form 1694, APR 92 — Previous editions are obsolete.

Statement A, unlimited

Attachment 003 - Page 1 of 2 ESM-H

REQUEST FOR DEVIATION/WAIVER (RFD/RFW)

DATE (YYMMDD) 00/02/16

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2. PROCURING ACTIVITY NUMBER: LOA7003

3. DODAAC:

4. ORIGINATOR

a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD

b. ADDRESS (street, City, State, Zip Code): AERO PRODUCTS COMPANY, 815 E. ROSECRANS AVE., LOS ANGELES, CA 90059-3510

5. (X one): [X] DEVIATION [ ] WAIVER

6. (X one): [ ] MAJOR [X] MINOR CRITICAL

7. DESIGNATION FOR DEVIATION/WAIVER

a. MODEL/TYPE	b. CAGE CODE	c. SYS DESIG	d. DEV/WAIVER NO.
M109A6, M198, M119	53616		00T0085-03

8. BASELINE AFFECTED: [ ] FUNCTIONAL [ ] ALLOCATED [X] PRODUCT

9. OTHER SYSTEM/CONFIGURATION ITEMS AFFECTED: [X] YES [ ] NO

10. TITLE OF DEVIATION/WAIVER: CHANGE IN INSERT

11. CONTRACT NO. AND LINE ITEM:

12. PROCURING CONTRACTING OFFICER

a. NAME (First, Middle Initial, Last): DRUCILLA JOHNSON

b. CODE: AMSTA-LC-CFA-B

c. TELEPHONE NO: 309-782-3575

13. CONFIGURATION ITEM NOMENCLATURE: NITROGEN CHARGING KIT

14. CLASSIFICATION OF DEFECT

a. CD NO:

b. DEFECT NO.:

c. DEFECT CLASSIFICATION: [ ] MINOR [ ] MAJOR [ ] CRITICAL

15. NAME OF LOWEST PART/ASSEMBLY AFFECTED: INSERT

16. PART NO. OR TYPE DESIGNATION: 8449336

17. EFFECTIVITY: TOTAL CONTRACT QUANITITY

18. RECURRING DEVIATION/WAIVER: [X] YES [ ] NO

19. EFFECT ON COST/PRICE: NONE

20. EFFECT ON DELIVERY SCHEDULE: NONE

21. EFFECT ON INTEGRATED LOGISTICS SUPPORT, INTERFACE OR SOFTWARE: NONE

22. DESCRIPTION OF DEVIATION/WAIVER

REVISE DESIGN OF INSERT OT ACCOMODATE THE USE OF VICTOR MODEL SR4J-580 REGULATOR IN LIEU OF CIRCLE SEAL MODEL 1R12580G. PROPOSED INSERT SHALL BE PER ATTACHED AERO PRODCUTS INSERT DRAWING APC09336.

23. NEED FOR DEVIATION/WAIVER

RECOMMENDED TOOL BOX AND REGULATOR ARE DIFFERENT CONFIGURATION THAN THOSE SPECIFIED

24. CORRECTIVE ACTION TAKEN

RECOMMEND THAT THE GOVERNMENT CHANGE DRAWING.

25. SUBMITTING ACTIVITY

a. TYPED NAME (First, Middle Initial, Last): DWIGHT N. BAIRD

b. TITLE: EXECUTIVE VICE PRESIDENT

c. SIGNATURE: Dwight N. Baird

26. APPROVAL/DISAPPROVAL: RECOMMEND [ ] APPROVAL [ ] DISAPPROVAL

b. APPROVAL: [ ] APPROVED [ ] DISAPPROVED

c. GOVERNMENT ACTIVITY

d. TYPED NAME (First, Middle Initial, Last):

e. SIGNATURE:

f. DATE SIGNED (YYMMDD):

g. APPROVAL: [X] APPROVED as modified [ ] DISAPPROVED

h. GOVERNMENT ACTIVITY: HQ, USATACOM, AMSTA-AR-ESM

i. TYPED NAME (First, Middle Initial, Last): ARTHUR J. HEYDERMAN, Chief, Arty Sys & Armor Div

j. SIGNATURE:

k. DATE SIGNED (YYMMDD): 2000 03

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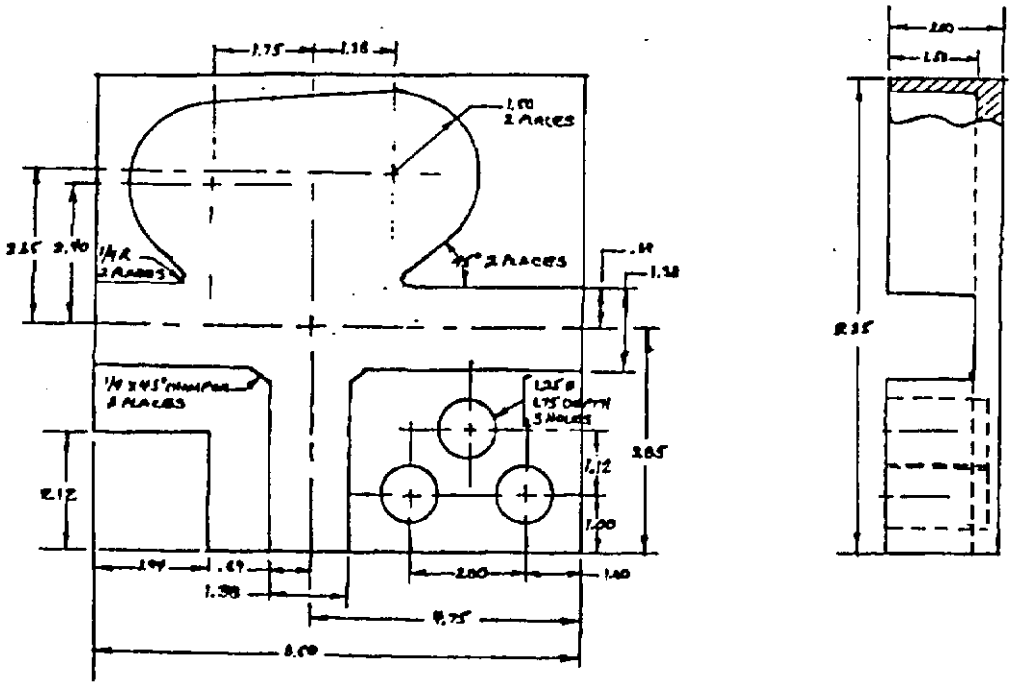
Statement A, unlimited



NOTES:

1. BOOTWOOD, SEE, DRY, SELECT MAY BE LAMINATED
2. FINISH: ONE COAT SHELLAC VARNISH, COMMERCIAL
   ONE COAT EPAR VARNISH, COMMERCIAL

USE OR DISCLOSURE OF DATA CONTAINED ON THIS SHEET IS RESTRICTED.
AERO PRODUCTS CO.

TOLERANCES (EXCEPT AS NOTED)	REVISIONS			AERO PRODUCTS COMPANY 815 EAST ROSECRANS AVE. LOS ANGELES, CA 90059		
	NO	DATE	BY			
ORIGINAL ± .03	1	2/15/00	DWS	INSERT		
	2					
FRACTIONAL ±	3			DRAWN BY D. BAIRD	SCALE 1/2 SIZE	MATERIAL
	4			CHK'D	DATE 2/15/00	DRAWING NO APTO 9336
ANGULAR ± 2°	5			TRACED	APP'D	

Attachment 003 - Page 2 of 2

CONTRACT C WORKSHEET

Attachment 004

PRON M101FF92M1 AMC 1 AMSC G ATC FAPS9

TDP 8449334 TDPL DATE 09/27/99

NSN 1025010703200 NOMENCLATURE KIT,NITROGEN

ENGINEERING EXCEPTIONS: The following engineering changes apply to this procurement action(s):

DOCUMENT	DELETE	REPLACE WITH
SPI 8449334	MIL-P-116	MIL-STD-2073-1C
SPI 8449334	MIL-STD-1190	ASTM D3951
8449336	MM-L-751	PS-20
9347218	QQ-P-35	ASTM A967
8449336	TT-V-121	A-A-1800

8449342 United Technologies Parker Hannifin Corp
Automotive Components Fluid Power Systems
P.O. Box 1500 595 Schelter Rd
Fort Wayne, IN 46801 Lincolnshire, IL 60069

9331962 Scovill Manufacturing Scovill Inc Schrader Bellows
Schrader Automotive US RT 1
566 Mainstream Drive Wake Forest, NC 27587-9317
Nashville, TN 37202

8687044 Schrader Automotive Kohlberg & Co/Schrader-
Sub of Scovill Bridgeport International
566 Mainstream Dr 1609 Airport Rd
P.O. Box 675 P.O. Box 5036
Nashville, TN 37207 Monroe, NC 28110

8687044 Greer Hydraulics Parker Hannifin Corp
Figgi International Motion & Control Group
30201 Aurora Rd Greer Hydraulics
Solon, OH 44139 10711 N 2nd St
P.O. Box 2062
Rockford, IL 61115

8449340 I-T-E Imperial Corp Parker Hannifin / Motion & Control
Jmperial-Eastman Corp Hydraulic Valve / Waterman Operation
6300 W Howard St 520 Ternes Ave
Chicago, IL 60648 Elyria, OH 44035

8449340 Whitey Co Swagelok Company
5679 Landregan St 31400 Aurora Rd
Oakland, CA 94662 Solon. OH 44139

8449337 Cajon Co Swagelok Company
32550 Old South Miles 31400 Aurora Rd
Cleveland, OH 44139 Solon, OH 44139

GFM/GFE: DRAWING NO.

MYLARS REQUIRED (Check one): Y or X N

CERTIFICATION SIGNATURE(s)/CONCURRENCE