



Aerospace

Alert Number: QA09-011

◆ QUALITY ALERT ◆

Date: June 8, 2009	Submitted By: Tom Axon
Alert Title: Missing dash (-) in standard part numbers	
Alert Summary: It has been observed that in a variety of industry standard Compression Helical Springs that the part numbers are being documented without the required dash (-) number. In accordance with the Aerospace Standards of AS24585 & AS24586, the part number consists of the base number separated by a dash (-) then the dash number. Over one hundred instances have been observed where the dash (-) has been omitted.	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability.	

Distribution: (check one)

Internal Honeywell distribution Only

Internal Honeywell AND Supplier distribution

Quality Alert Details / Justification: This alert is being generated to bring attention to the fact that parts are being ordered with and without the dash number without any adverse effect on the hardware being procured. For example, a spring identified with part number MS24585-C213 would be understood to be the same as part number MS24585C213.

Driving changes against 108 part numbers used in a variety of parts lists, sub-assemblies and bill of materials would lead to a significant amount of "stand-alone" document revision activity. We request your assistance in taking the appropriate action when documentation that is being changed for other issues can also be used as an opportunity to eliminate this observed condition.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: December 8, 2009	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: January 10, 2011	Submitted By: Rick Horn
Alert Title: Shelf Life Time Remaining on Consumable Products from B/E Aerospace	
Alert Summary: This alert communicates the correction of a contract language error related to the amount of shelf life remaining on consumable products procured from B/E Aerospace.	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input checked="" type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

An error has been corrected in the original contract between Honeywell and B/E Aerospace related to shelf life of products. In the corrected language below, "Seller" = B/E Aerospace. It reads:

"For any Products affected by shelf life and/or service life, Seller shall ensure that such products are delivered with no less than 33% remaining shelf life on all shipments to Honeywell unless approved by the procuring site. For any product requiring greater than 33% remaining shelf life, exemptions shall be stated in an individual purchase order. When applicable, Shelf Life requirements such as SPOC 142 will be flowed through to sub-tier suppliers by the Seller".

The above language replaces the original language which read: "For any Products affected by shelf life and/or service life, Seller shall ensure that such products are delivered no more than three (3) months prior to expiration date." The error is the "no more than" 3 months. The original language should have stated "no less than" or "more than" instead of "no more than".

The new language:

- Provides a percentage based requirement which is preferred.
- Allows for procuring sites to accept less than 33%.
- Accommodates purchases requiring more than 33%.
- Ensures the flow through of SPOC 142 to B/E Aerospace sub-tier suppliers when applicable.



Aerospace

Alert Number: QA11-001

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: July 10, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: January 10, 2011	Submitted By: A M Vidyashankar
Alert Title: Part Number Suffix Clarification for Part Marking, FAIR and other General Documentation	
Alert Summary: This alert addresses part marking, first article (as applicable) and general documentation requirements for Honeywell part number suffix designations identified below.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: Honeywell Deer Valley, GMS & Penang Site, Torrance <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

Alert has been revised: 1) Title revised, 2) Summary revised, 3) Sections added for Torrance, 4) General documentation reference added so as not to be only inclusive of FAIRs.

Deer Valley, GMS and Penang: Purchase orders for part numbers with suffix **-//CM** - Information & Instructions to Supply base (Drawing cage codes 55939, 58960)

Effective immediately, all suppliers and distributors to Deer Valley are required to familiarize themselves with below information on part numbers with suffix **-//CM** if found in their purchase orders.

- Part numbers with suffix **-//CM** stands for convenience material and such notation is strictly for Honeywell internal use.
- All part numbers with suffix **-//CM** shall be treated by supply base as part numbers without any such extensions for part marking and first article documentation purpose.
- **Parts shall not be marked or labeled with suffix **-//CM**, and First article documentation shall be created using part number without suffix **-//CM**.**
- Please contact your buyer or site quality engineer for any further questions and clarifications.

AMOC – Torrance: Purchase orders for part numbers with suffix **-//DEV** - Information and Instructions to supply base (Drawing cage codes 70210)

Effective immediately, all suppliers and distributors to Torrance are required to familiarize themselves with below information on part numbers with suffix **-//DEV** if found in their purchase orders.

- Part numbers with suffix **-//DEV** stands for convenience material and such notation is strictly for Honeywell internal use.



Aerospace

Alert Number: QA11-002

- All part numbers with suffix -//DEV shall be treated by supply base as part numbers without any such extensions for part marking and first article documentation purpose.
- **Parts shall not be marked or labeled with suffix -//DEV, and First article documentation shall be created using part number without suffix -//DEV.**
- Please contact your buyer or site quality engineer for any further questions and clarifications.

AMOC – Torrance: Purchase orders for part numbers with suffix -//RES - Information and Instructions to supply base (Drawing cage codes 70210)

Effective immediately, all suppliers and distributors to Torrance are required to familiarize themselves with below information on part numbers with suffix -//RES if found in their purchase orders.

- Part numbers with suffix -//RES stands for convenience material and such notation is strictly for Honeywell internal use.
- All part numbers with suffix -//RES shall be treated by supply base as part numbers without any such extensions for part marking and general documentation purpose.
- **Parts shall not be marked or labeled with suffix -//RES, and general documentation shall be created using part number without suffix -//RES.**
- Please contact your buyer or site quality engineer for any further questions and clarifications.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: July 10, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: February 18, 2011	Submitted By: Vicki Velasco / Honeywell-Tucson
Alert Title: Compliance to SPOC 140 – Certification of Conformance / Shipping Declaration Document / Packing Slip Requirements	
Alert Summary: Requirements of SPOC 140 are not consistently met relative to information that must be contained on C of C's, packing slips, and/or shipping declaration documents.	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

Q4 FAA audit of the Tucson facility revealed that suppliers are not always in compliance with the requirements of SPOC 140 relative to information that must be contained on C of C's, packing slips, and/or shipping declaration documents, such as the Honeywell PO and line item number and manufacturing country of origin.

SUPPLIERS

All shipping documentation submitted must be complete. Suppliers should take actions necessary to ensure all requirements of *SPOC 140 Certification of Conformance / Shipping Declaration Document / Packing Slip Requirements* are understood and complied with prior to submitting to Honeywell.

HONEYWELL SITES

The FAA Aviation Safety Inspector (ASI) indicated shipping documentation discrepancies have been identified at other Honeywell locations. Sites should take actions necessary to ensure that Receiving/Receiving Inspection process verifies receipt of applicable shipping documentation, and that the documentation submitted by suppliers is complete per the requirements flowed down to the supplier.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: August 18, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: March 14, 2011	Submitted By: Udo Schuelke
Alert Title: Supersedure of Honeywell M Specifications for PB, PBA and C&H Commodities	
Alert Summary: Honeywell M specifications for the PB, PBA and C&H commodities have been superseded by new Honeywell Aerospace-level HPS specifications	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input checked="" type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

The following Honeywell Aerospace Printed Board (PB), Printed Board Assembly (PBA) and Cables and Harnesses (C&H) specifications have been released and are being adopted by sites on all new designs as part of the standard PB, PBA and C&H drawing notes. **These new HPS specifications will supersede the M specs.** These specifications will also serve as the common Honeywell Aerospace audit and approval requirements for their respective commodities. As always, suppliers shall process and certify hardware to the specification that is contractually flowed down.

PB: M4093768 superseded by HPS1011

PBA: M4093482 superseded by HPS1009

C&H: M4093483 superseded by HPS1008

If you have any questions regarding this requirement, please contact the Kara Warrensford (kara.warrensford@honeywell.com), Richard Rumas (richard.rumas@honeywell.com), Udo Schuelke (udo.schuelke@honeywell.com) or the Honeywell Aerospace supplier survey committee at supplier.survey@honeywell.com.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: September 14, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: March 31, 2011	Submitted By: David Gachupin/Harold Ballance/Mel Bailey
Alert Title: Source of Supply for Albuquerque Products	
Alert Summary: This alert is applicable to Albuquerque and Morristown (CAGE Codes 07187 & 017N4) Only. The intent is to allow Honeywell Albuquerque to utilize suppliers that will comply with Aerospace SPOC requirements whether they are suggested Sources on the drawing, or not.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: Albuquerque and Morristown <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

1.9 Albuquerque Products (CAGE Codes 07187 & 017N4) Only

Sources of Supply for Albuquerque Products

When the source of supply is specified on the Albuquerque drawing as "approved", only those sources listed shall be used. Use of any alternate sources must be approved by Albuquerque and added to the Albuquerque drawing before use.

When the source of supply is specified on the Albuquerque drawing as "suggested", other sources may be used.

Note: Albuquerque drawings are prepared in accordance with ASME Y14.24, Types and Applications of Engineering Drawings.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: September 31, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: March 31, 2011	Submitted By: David Gachupin/Harold Ballance/Mel Bailey/Kathy Freyberg
Alert Title: Source of Supply for Albuquerque and Redmond Products	
Alert Summary: This alert is applicable to Albuquerque and Morristown (CAGE Codes 07187 & 017N4) and Redmond Products (CAGE Codes 0YFP0 & 97896). The intent is to allow Honeywell Albuquerque to utilize suppliers that will comply with Aerospace SPOC requirements whether they are suggested Sources on the drawing, or not.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: Albuquerque, Morristown and Redmond <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

SPOC 1.9

Albuquerque Products (CAGE Codes 07187 & 017N4) and Redmond Products (CAGE Codes 0YFP0 & 97896)

Sources of Supply for Albuquerque and Redmond Products

When the source of supply is specified on Albuquerque and Redmond drawings as “approved”, only those sources listed shall be used. Use of any alternate sources must be approved by the applicable Honeywell site and added to the drawing before use.

When the source of supply is specified on the drawing as “suggested”, other sources may be used.

Note: Albuquerque and Redmond drawings are prepared in accordance with ASME Y14.24, Types and Applications of Engineering Drawings.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: September 31, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: 8 th June 2011	Submitted By: Robin Griggs
Alert Title: Riveting - All Types of Permanent Mechanical Fasteners	
Alert Summary: Following an intensive investigation and RCCA into a significant product escape it was discovered that the process of riveting was not adequately documented and therefore not fully understood to ensure product integrity was maintained	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: Listed below are the elements of the riveting process that were not clear to all the employees engaged in the process :

1. Rivet Nomenclature
2. The riveting process
3. Rivet tool design, functionality and operation (single and double stroke)
4. Rivet geometry pre installation
5. Rivet geometry post installation
6. Inspection techniques
7. Test techniques
8. Rework procedure

This Quality alert requests that all Honeywell sites and suppliers to Honeywell sites initiate a product and process audit to ensure your riveting processes are in accordance with local and international standards. In addition, all personnel engaged in riveting processes should be properly trained and training records updated accordingly.

Please assure all First Article Inspections (FAIs) associated with riveting are current and in compliance. If you have any concerns, please alert your local Quality Manager.

This Quality Alert requires your immediate attention.

Fig 1. The image below clearly shows that the locking washer is missing from the assembled rivet. This is a clear indication that the riveting process has not been conducted correctly



Fig 2. The image below clearly shows that the locking washer is securely fastened within the rivet assembly. This is a clear indication that the riveting process has been conducted correctly



(NOTE: This alert is NOT part number specific, it pertains to the rivet process in general, as applicable to all potential parts/part numbers)

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: December 8, 2011

Extended Posting Expiration Date:

Closure Date:

Closed by:

◆ QUALITY ALERT ◆

Date: August 1, 2011	Submitted By: Ivan Tenev
Alert Title: Magnetic Particle Inspection HGS1009	
Alert Summary: This standard is approved for use by the following Design Authority Sites (CAGE Codes): Glendale (61962), Phoenix (Deer Valley) (58960), Phoenix (Engines) (99193), South Bend (Fuel & Actuation) (06848), South Bend (Wheels & Brakes) (55284), Toronto (07217), Torrance (70210), Tucson (64547), Yeovil (U1605).	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: This applies to all sites working to the following Design Authorities (CAGE Codes): Glandale (61962), Phoenix (Deer Valley) (58960), Phoenix (Engines) (99193), South Bend (Fuel & Actuation) (06848), South Bend (Wheels & Brakes) (55284), Toronto (07210), Tucson (64547), Yeovil (U1605). <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: A 90-day grace period is hereby granted to allow suppliers to incorporate the requirements of HGS1009 Magnetic Particle Inspection standard. All suppliers that are currently approved to EMS52308, EMS72367, EMS92367, NGPS1, and/or ASTM E1444 are expected to be in compliance by **November 1, 2011**.

HGS1009 supplements processing requirements for performing wet fluorescent magnetic particle inspection of ferromagnetic materials for Honeywell Phoenix specification EMS52308, Tucson specification EMS72367, Torrance EMS92367, and Yeovil specification NGPS1. See the APSL controlled specification list for Site-specific details.

Revisions to procedures/techniques to enable compliance are to be handled per section 4.1.3 of the standard. Only components which meet the requirements of 4.1.3 a, b, c, d, need to be submitted to Honeywell for approval using the contact information below. All other techniques may be approved by the Supplier's Honeywell approved NDE Level III for MT/(SCA for MT) and made available to Honeywell upon request.

Use the Honeywell Supplier Portal to retrieve HGS1009 standard. Suppliers may also obtain the standard by contacting the Honeywell Buyer.

(continued)



Aerospace

Alert Number: QA11-014

For authorized users to locate HGS1009 go to:

WWW.SUPPLIER.HONEYWELL.COM and then:

Aerospace Supplier Portal>Documents>Technical>Engineering Documents & Specifications.

Questions or concerns with regards to compliance within the specified time frame may be sent to **supplier.survey@honeywell.com** or may be addressed to **Ivan Tenev**. His contact information is: Phone: 602-231-4967 Email: ivan.tenev@honeywell.com

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: February 1, 2012

Extended Posting Expiration Date:

Closure Date:

Closed by:

◆ QUALITY ALERT ◆

Date: August 8, 2011	Submitted By: Joseph Brock
Alert Title: Clarification of Requirements of SPOC 140 Certifications	
Alert Summary: Insure proper class and grade of material / process is applied to certification of conformance documents.	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: A recent escape was attributed to a lack of thorough inspection when a supplier reviewed a certificate of conformance for raw material from a sub-tier supplier. A revision has been issued to SPOC 140 to include instructions requiring a more thorough examination of class and grade of materials/processes. This change is to the notes that apply to Table III—specifically to Note 2.

The revised verbiage is as follows:

2. Certifications shall include name of process source, specifications and revision letters used. The actual physical and chemical process and heat numbers as applicable shall be indicated. Certifications of Conformance (C of C) must clearly state conformance to all specifications in their entirety, ***including type, class and grade exactly as described from the drawing or BOM note***, imbedded specifications that contain specific acceptance testing criteria, additional processing requirements, and/or any specific requirements that pertain to hardware approval or acceptance. ***NOTE that various Honeywell sites may identify Grade and Class using abbreviations. These must be clearly understood before certifying compliance. Any confusion or questions shall be directed to the buyer.***

Please review this quality alert and insure your contract review process properly documents grade and class prior to ordering materials or executing processes defined by specifications.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: February 8, 2012	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: August 11, 2011	Submitted By: Chuck Andrews
Alert Title: Implementation of Marking Requirements per MIL-STD-130	
Alert Summary: All new purchased and manufactured material must conform to MIL-STD-130 requirements.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: South Bend, IN 1050 <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: *MUST CONFORM*

Some Honeywell-South Bend (1050) drawings do not comply with contracts that require part marking per MIL-STD-130. Therefore, it is possible to have parts that comply with the drawing, but are noncompliant to the contract. This alert requires that any purchased or manufactured, new material be marked per MIL-STD-130, while noncompliant drawings are being updated and made compliant.

ASSEMBLY drawings: CHARTER STRING EXAMPLES

* For drawing title block CAGE Code 55284 / Drawing No. 1234567-8 / Rev. D

55284ASSY1234567-8 D

* For drawing title block CAGE Code 06848 / Drawing No. 1234567-8 / Rev. D

06848ASSY1234567-8 D

Affects these ASSEMBLY drawings:

150560, 152016, 2600312, 2605691-3, 2605692-2, 2605692-53, 2605945-2, 2606022, 2606025, 2606026, 2606027, 2606041-1, 2606071-5, 2606072-8, 2606194-1, 2606196-1, 2606302-12606598, 2607096-1, 2607182-3, 2607536, 2608741-6, 2608745-4, 2609201, 2609206-1, 2609299, 2609302, 2609391-1, 2609683-1, 2609914-2, 2610301, 2610301-1, 2610302, 2610303, 2610304, 2610859, 2610968, 2611052-1, 2611483, 2611611-3, 2611612-3, 2611613-1, 2611655-1, 2611745-1, 2611913, 2611991-2, 2611992-5, 2612098, 2612211, 2612831, 2613031, 2613123, 2613124, 2613353-1, 2613656-766, 2614016-3, 2614020-1, 2614445-1, 2615709, 2616293-620, 59000028.



Aerospace

Alert Number: QA11-016

SOURCE CONTROL DRAWINGS: CHARACTER STRING EXAMPLES

* For drawing title block CAGE Code 55284 / Drawing No. 1234567-8 / Rev. D:

55284SOCN1234567-8 D

* For drawing title block CAGE Code 06848 / Drawing No. 1234567-8 / Rev. D:

06848SOCN1234567-8 D

Affects these SOURCE CONTROL drawings:

151106, 2601008, 2604374, 2605999-2, 2606011-3, 2606018, 2606028, 2606036, 2606046, 2606091, 2606108, 2606182, 2606185, 2606275, 2606634, 2606662, 2606799-011, 2609193, 2609680, 2609681, 2609685, 2609686, 2610942, 2611647, 2611649, 2611658, 2611659, 2611668, 2611675, 2611716, 2611731, 2611824, 2612110, 2612111, 2612112, 2612762, 2613007, 2613016, 2613155, 2613243, 2613672.

PART DRAWINGS: CHARACTER STRING EXAMPLES

* For drawing title block CAGE Code 55284 / Drawing No. 1234567-8 / Rev. D:

55284-1234567-8 D

* For drawing title block CAGE Code 06848 / Drawing No. 1234567-8 / Rev. D:

06848-1234567-8 D

Affects these PART drawings:

150579, 152754, 154964, 2602542, 2603038, 2603041, 2605794, 2605904, 2605925, 2605937-2, 2606016, 2606047, 2606048, 2606067, 2606093, 2606136-011, 2606136-012, 2606136-133, 2606136-215, 2606136-217, 2606136-223, 2606136-227, 2606175, 2606304, 2606317, 2606341, 2606372, 2606387, 2606388, 2606389-1, 2606389-2, 2606407, 2606413, 2606455-671, 2606456-645, 2606457-6, 2606498-416, 2606515-526, 2606584, 2606585, 2606589, 2606605-1, 2606605-2, 2606607, 2606608, 2606609, 2606610, 2606612, 2606614, 2606629, 2606665, 2606669, 2606673, 2606743, 2606749, 2606758, 2606799-133, 2606799-220, 2606799-223, 2606925, 2607254, 2607431, 2607437, 2607459, 2607573, 2607574, 2607642, 2607673, 2607675, 2607816, 2607926-800, 2608006, 2608489, 2608719, 2608739, 2609152-1, 2609188, 2609198, 2609200, 2609209, 2609220, 2609300, 2609301, 2609656, 2609889, 2610174-10, 2610235-630, 2610406, 2611271, 2611584, 261660, 261666, 2611694, 2611715, 2611825, 2611883, 2611914, 2611939, 2612052, 2612084-1, 2612096, 2612100, 2612101, 2612108, 2612115, 2612328, 2612488, 2612801-629, 2612805-497, 2612928, 2613099, 2613154, 2613578, 2613661-750, 2613662-783, 2613760, 2614157, 2614197-565, 2614717, 2616139, 2616204, 2616291-643, 2616292, 2616715, 2616962, 59000027.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: December 31, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: 17 October 2011	Submitted By: Scott Pickett
Alert Title: Honeywell Tucson Administrative ECO 117033	
Alert Summary: ECO 117033 was released in the Tucson Honeywell PDM system on May 26, 2011. This administrative ECO combines all unincorporated "Advanced Revision Notices" with drawings to create one complete package that represents the latest configuration.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific Honeywell site(s) identified here: Tucson <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input checked="" type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: The purpose of ECO 117033 is to capture each drawings accurate configuration and ensure unincorporated changes are incorporated in the drawings the next time they are revised.

The file associated with each new drawing revision includes the following: a page that explains the rationale for the administrative change, the latest incorporated revision of the drawing, and any unincorporated "Advanced Revision Notices".

Anyone who sees the description page (see attached example) upon viewing a document should refer to ECO 117033 for a complete list of all documents affected by and rationale for this administrative change.

ECO 117033 is posted to the Aerospace Supplier Portal. Logon at:

<https://www.supplier.honeywell.com>

Path: Aerospace Supplier Portal > Documents > Site Specific - Tucson

There was no technical change involved with the release of ECO 117033.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: April 17, 2012	Extended Posting Expiration Date:
Closure Date:	Closed by:

Drawing: 95223 Rev B

NOTICE:

This is a System Data Migration Artifact.

This coversheet is to provide information about the coordination of the Revision Level within AeroPDM and the merged documents migrated from a legacy system and contained herein.

The documents merged with this coversheet constitute the accumulation of the Previous Revision of the Drawing Document viewable and ALL viewables of accumulated Advanced Change Orders written against the Drawing.

This was accomplished during the Data Migration process to accommodate AeroPDM and MRP system restrictions.

◆ QUALITY ALERT ◆

Date: October 26, 2011	Submitted By: Chuck Andrews
Alert Title: Implementation of Deviation D-12166 (MIL-STD-130)	
Alert Summary: Supersedes Quality Alert QA11-016 (issued August 11, 2011)	
Check appropriate box:	
<input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: AMOC South Bend (1050)	
<input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability	
<input checked="" type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details:

This Quality Alert closes previous alert QA11-016 and directs suppliers to **Deviation D-12166**, which is posted on the South Bend Site-Specific Portal Page. Path to document is <https://www.supplier.honeywell.com> : Aerospace Supplier Portal > Documents > Site Specific > South Bend.

The deviation addresses MIL-STD-130 marking requirements which are in the process of being added to all applicable South Bend drawings.

All applicable drawings are to be revised by December 31, 2011.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: January 26, 2011	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: October 31, 2011	Submitted By: Lawrence Akre
Alert Title: Secondary Hardness Testing Clarification	
Alert Summary: Clarifies SPOC 140.4, Table III, Element 17, Note 3 to insure suppliers of product to Honeywell Aero sites clearly understand the secondary hardness testing requirement.	
Check appropriate box: <input type="checkbox"/> Alert is limited in scope to specific site(s) identified here: <input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: SPOC 140.4, TABLE III, Note 3 was found to be misunderstood by some suppliers. **Effective immediately** the following text replaces SPOC 140.4, Table III, Note 3 in the current Revision J SPOC manual and is provided to insure proper understanding:

3. Hardness shall be re-validated through a secondary test from a representative sample – one piece from each raw material heat lot if no further heat treatment operations are performed, or for each subsequent heat treatment lot when a hardness value is specified on the engineering drawing, material or heat treatment specification contained in and including all Honeywell, Government, or Industry material specifications (AMS, ASTM, etc). The re-validation (second hardness verification) shall be performed and documented (by the supplier or by a sub-tier), by qualified personnel—impartial and independent of the original verification.

Note: This is required to substantiate that raw material and /or final product has achieved the FINAL hardness or temper as specified on the engineering drawing or referenced specifications, before delivery of the product to Honeywell. If no further heat treat is required per the engineering drawing or material specification, then the raw material specification hardness requirement must be re-verified.

Second Hardness verification is not applicable on Standard or Catalog Hardware, Honeywell Vendor Item, Honeywell Specification Control, industry or commercially-available hardware (AN, MS, AS, etc.) and other non-Honeywell-designed lower level hardware or details.

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: April 30,2012	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: November 2, 2011	Submitted By: Ivan Tenev
Alert Title: Magnetic Particle Inspection HGS1009	
Alert Summary: HGS 1009 incorporation and compliance details. Revision removed duplication of Cage Code details which are reflected below	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: This applies to all sites working to the following Design Authorities (CAGE Codes): Glendale (61962), Phoenix (Deer Valley) (58960), Phoenix (Engines) (99193), South Bend (Fuel & Actuation) (06848), South Bend (Wheels & Brakes) (55284), Toronto (07217), Torrance (70210), Tucson (64547), Yeovil (U1605). Revision corrected Cage Code references	
<input checked="" type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability	
<input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell **ONLY**

Internal Honeywell **AND** Supplier

Quality Alert Details:

Compliance to the requirements of HGS1009 Magnetic Particle Inspection standard shall be 90 days from the release date of each respective revision of EMS52308, EMS72367, EMS92367 and NGPS1 incorporating HGS1009. See the APLS controlled specification list for Sites specific details.

For authorized users to locate HGS1009 go to:
<https://www.supplier.honeywell.com> and then path
Aerospace Supplier Portal>Documents>Technical>Engineering Documents & Specifications.

Questions or concerns with regards to compliance within the specified time frame may be sent to **supplier.survey@honeywell.com** or may be addressed to **Ivan Tenev** – Phone: 602-231-4967
Email: ivan.tenev@honeywell.com

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: May 2, 2012	Extended Posting Expiration Date:
Closure Date:	Closed by:

◆ QUALITY ALERT ◆

Date: November 5, 2011	Submitted By: Tho Bui
Alert Title: Nadcap Accreditation Required for Controlled Process Machining	
Alert Summary: The Honeywell Aerospace Approved Process Source List (APSL) has been updated to reflect that Nadcap accreditation is now required for suppliers that perform Conventional Machining AS A Special Process. Honeywell designated as Controlled Process Machining (CPM) and/or Fixed Process Machining per EMS52569.	
Check appropriate box: <input checked="" type="checkbox"/> Alert is limited in scope to specific site(s) identified here: Phoenix - Applicable Cage codes: 99193, 91547, 9AA11, 64643 <input type="checkbox"/> Alert should be reviewed by all Aerospace sites for applicability <input type="checkbox"/> Alert is informational only	

Distribution: (check one)

Internal Honeywell ONLY

Internal Honeywell AND Supplier

Quality Alert Details: Honeywell Aerospace fully supports the Nadcap program for accrediting special process sources. This program has proven beneficial to both us and our suppliers via improved quality and reduced cost through the elimination of redundant audits. Our strategic plan is to require all suppliers and their sub-tiers doing business with Honeywell Aerospace to gain Nadcap accreditation for special processes.

Honeywell Aerospace's Nadcap accreditation requirement is applicable to all suppliers doing business with the OEM sites.

The purpose of this alert is to communicate to you that in order to maintain Honeywell Aerospace Phoenix's continued approval, suppliers performing work that requires approval to perform Controlled Process Machining (CPM) and/or Fixed Process Machining mandated by Purchase Order, Drawing and/or Specification EMS52578, EMS52579, EMS52580, EMS52581 and/or EMS52569 must be Nadcap accredited for Conventional Machining As A Special Process no later than **December 31, 2012**. This includes all 1st tier suppliers and all of your sub-tier special process sources. Nadcap requirements are defined in Honeywell Aerospace's Supplemental Purchase Order Conditions (SPOC) Manual. Specifically found in SPOC 165.6.

Nadcap accreditation audits will be performed by the Performance Review Institute (PRI), a nonprofit affiliate of the Society of Automotive Engineers (SAE).

Failure to obtain Nadcap accreditation by the required date may result in the revocation of your approval to perform this process. Prior to the mandatory date a limited one-time Nadcap exemption valid for 6 months can be applied for. During this 6 month grace period, suppliers are required to become Nadcap accredited. Upon expiration of the Nadcap exemption, any supplier that has not received Nadcap accreditation will have their Honeywell Aerospace APSL approval



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revoked and will no longer be able to process and ship Honeywell product. In order to be approved, the exemption application must include a detailed corrective action plan with confirmed Nadcap audit dates scheduled with PRI. Only one exemption per supplier will be allowed.

If you have any concerns or questions regarding this requirement, please contact the Honeywell Aerospace supplier survey committee at supplier.survey@honeywell.com, or call Steve McGinn, Director, Quality Initiatives (602-231-2230).

For any technical questions, you may also contact Honeywell's representative on the Conventional Machining AS A Special Process Task Group, Mr. Kenneth Abram (602-231-3924).

For additional information regarding Nadcap, PRI or if you wish to schedule your audit, please call Sarah Jordan, PRI Staff Engineer for Conventional Machining As A Special Process (724-772-8558) or Mr. Scott Klavon; Director, Nadcap Program and Aerospace Operations (724-772-7111).

Originator: Route Quality Alert form to AeroSQ&D@honeywell.com or to cathy.garrett@honeywell.com for processing.

(To be completed by Quality Alert administrator)

Posting Expiration Date: May 5, 2012	Extended Posting Expiration Date:
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Closure Date:	Closed by:
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