

CHECKLIST INSTRUCTIONS:

It is the supplier's responsibility to provide all documentation required and/or any relevant requests made by the Source Inspector to validate product compliance.

It is the responsibility of the Source Inspector to validate the product being presented is 100% compliant.

Each item within the Quality Elements (A thru E) must be accounted for by the Source Inspector as applicable to the product. This accounts for EACH deliverable item being presented for review and acceptance, unless sampling is authorized per program/customer procedural criteria.

For items or elements that do not apply to the product being inspected, leave the check box blank and annotate with an 'N/A' beside the line item.

Use the comments field to post any notable information for reference.

This form, when completed will need to accompany the documents being sent to Qarbon Aerospace with the delivery and will be placed on file with the appropriate CD-4020.

In the event that a discrepancy(s) is identified at the time of performing source inspection that cannot be immediately rectified, the discrepancy(s) must be documented on Qarbon's Supplier Quality Surveillance Report (SQSR form QA-FRM-00.PO.F011) and distributed accordingly.

The discrepancies must be corrected prior to final acceptance.

CHECK LIST QUALITY ELEMENTS:

Section A: Requirements / Configuration Verification

These requirements are to assure product is conforming to current engineering, applicable specifications and Special Processes have been performed by approved sources.

Section B: Product Identification and Labeling Requirements

These requirements are to assure product identification is conforming to current engineering and all applicable specifications. This includes any product 'critical' designation and serialization as required, labeling, informational or instructional decals/placards. NOTE: Assure the part marking is per engineering part listings notes (example is location) and identified specification. Program variables have different requirements.

Section C: Product Evaluation

These requirements are to assure visual and representative physical inspections of the product meet the current engineering and free of any noticeable defects.

Section D: PS20722/Q033 Compliance (T-7A Trainer Program Only as applicable)

These requirements are intended to assure product conformity to current revision levels of procedure PS20722 'Hole masking for enhanced proceed controlled metallic parts' and Boeing's Term and Condition Q033 'BDS BAC5114 NC programming and machine controls and specifications – contractual and process control requirements.'

Section E: Required Documentation

These requirements are to assure all documentation is complete and compliant. Any open non-conformance must be documented with appropriate Non-conformance number (i.e. SN, SI, NCR, SC, etc...), and have a disposition for open work to be sent to Qarbon. The supplier must submit a CD4020B form when an open non-conformance is sent to Qarbon.

Check (☐) for each Quality Element validated.

If Not Applicable, leave blank and annotate in Comments on right side of page.

Part/Assembly Number _____ Date _____		Source _____
Quantity Presented _____ Supplier _____		Inspector _____
Quality Element		Comments
<p>A. Requirements / Configuration Verification</p> <p><input type="checkbox"/> Validate current FAI in Net Inspect (Note: Current is defined as an approved FAI AND MUST match the engineering revision level of product being presented for Source)</p> <p><input type="checkbox"/> Validate engineering revision levels presented against current engineering in TIPQA Note: If there is a discrepancy between revisions levels in TIPQA and the product, contact Qarbon for direction (Revision incorporation points may warrant unique circumstances)</p> <p><input type="checkbox"/> SSP Requirements</p> <ul style="list-style-type: none"> • Verify revision level of SSP is current revision in TIPQA • Verify SSP specific work instructions are incorporated into the product configuration <p><input type="checkbox"/> Verify that CMS/CMM report/data for each deliverable component is available as part of 100% inspection Objective Evidence</p> <p><input type="checkbox"/> Verify objective evidence that all dimensional checks not captured on CMS reports have been performed and are recorded (as an example, reference Qarbon's QA-MAN-0002-01, sec 3.2.5.)</p> <p>Critical Product Designation; Is the deliverable a Critical Designated Component <input type="checkbox"/> Yes <input type="checkbox"/> No *****OR*****</p> <p>Does the deliverable contain a Critical Designated Component(s) <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, check type:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Durability Critical <input type="checkbox"/> Fracture Critical <input type="checkbox"/> Fracture Critical Traceable <input type="checkbox"/> Fracture Critical Category I <input type="checkbox"/> Fracture Critical Category II <p><input type="checkbox"/> Nonconformance(s) properly noted</p> <p><input type="checkbox"/> Verify the product is listed on Qarbon's Purchase Order</p> <p><input type="checkbox"/> Verify if any Supplier Information Request(s) (SIR) accompany the build package</p> <p><input type="checkbox"/> Validate that all 'Special Processes' performed (listed on the CD-4020) have been accomplished utilizing approved sources listed on the product customers Approved Processors Listing.</p>		

<p>B. Product Identification and Labeling Requirements</p> <ul style="list-style-type: none"> <input type="checkbox"/> Validate the markings are placed on the product per engineering as applicable <input type="checkbox"/> Part Number and Revision Level <input type="checkbox"/> Work Order Number, Date of Mfg. <input type="checkbox"/> CAGE Code, Supplier Code <input type="checkbox"/> Labeling and marking per engineering (i.e. tube directional flows, instruction placards) <input type="checkbox"/> Acceptance Stamps <input type="checkbox"/> Durability Critical, Fracture Critical, Fracture Critical Traceable marking (BDS Specification S326-00112) <input type="checkbox"/> Fracture Critical Traceable Serialization (BDS Specification S326-00113) <input type="checkbox"/> Fracture Critical Category I Product Serialization (NG Specification B00NA1225JP001) <input type="checkbox"/> Non-conformance number(s) marked on part or component as applicable 	
<p>C. Product Evaluation</p> <ul style="list-style-type: none"> <input type="checkbox"/> Product fabrication, process, surface finish, assembly visual compliance (Mill Defects, Sealant, Applicable Hardware, Dry Film Lube, Cad Plate, Paint, Gaps, component installations, fastener tail compliance) <input type="checkbox"/> Part Damage (i.e., Scratches, Dents, Dings, Nicks, & Burns) <input type="checkbox"/> Zero FOD <input type="checkbox"/> Validate actual product characteristic results against Supplier's Inspection Plan and/or any associated model derived drawings (as an example reference Qarbon's QA-MAN-0002-01, sec 3.2.5.) <p>Including but not limited to:</p> <ul style="list-style-type: none"> • Electrical Bond areas • Hole diameters • Thicknesses • Radii • Post processing features • Fastener installation • Sealant Requirement <ul style="list-style-type: none"> <input type="checkbox"/> Verify surface coatings applied meet engineering/specification requirements <input type="checkbox"/> Inspection Acceptance Stamps (Tool / Paper) 	
<p>D. PS20722/Q033 Compliance (T-7A Trainer Program only as applicable)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Verify the current specification/T & C documents are being used <input type="checkbox"/> Validate the processor(s) used is listed on the specification QPL <input type="checkbox"/> Verify approved Plug mapping/Illustrations have been flowed down <input type="checkbox"/> Validate acceptable masking photos have been taken <input type="checkbox"/> Validate objective evidence the photos have approvals prior to processing <input type="checkbox"/> Verify the plugs in the photos are correct (to the maps/illustrations) and acceptable 	

E. Required Documentation

- Current PS20722 mapping/graphic (if section D is applicable)
- Proper photo(s) of PS20722 masking/plugging (if section D is required)
- Supplier's inspection plan and associated model derived drawings
- Purchase Order's / Contracts
- Engineering Drawings
- Configuration Control (copy of Traveler/Shop Traveler)
- Evidence of final inspection by supplier
- Accepted FAI Record on file in Net Inspect
- Nonconformances
- Validate parts to packing list/shipping document (if available at time of inspection)
- Certificate of Conformance(s) (Materials, Hardware Special Processing etc.)
- CMS/CMM report/data as part of 100% inspection Objective Evidence validation
- Completed CD-4020
- Completed CD-4020B if an open non-conformance is travelling to Qarbon for closure

- Fracture Critical Traceable, Fracture Critical, Durability Critical Document Marking Verification – S326-00112/S326-00113 or B00NA1225JP001/367-1200-1495 (see list of required docs below)
 - Purchase Orders
 - Material Certifications (applies to T-7A Trainer Program)
 - Processing Certifications (To include traceability requirements)
 - Detail/Assembly Part Manufacturing Planning
 - Part Specific NDT Procedures
 - Shipping Documents
 - Nonconformance Documents

Note: The required docs MUST be part of the delivered data package

**ACCEPTANCE
INSPECTION STAMP**

