Quality Clause 240403 – Bird Johnson Propeller Company General Quality Requirements (07/01/2025 - Rev A)

**Certificates of Conformance:**

A certificate of conformance (C of C) is required for all shipments. A C of C from the

original manufacturer is preferred. Source-controlled items as identified by drawing

must be provided by the identified source on the drawing, the item manufacturer, or

from another supplier providing quality documentation indicating the item was procured

from the controlled source.

Certificates of conformance shall:

1) be acceptable only when it certifies conformity to the Bird Johnson Propeller Company drawing or purchase order line-item extended description and material and physical requirements.

2) be approved and dated by the appropriate company representative.

3) indicate the successful completing of any testing required by the part drawing or

specification.

4) reference any Bird Johnson Propeller Company approved concessions for the applicable part.

5) contain Supplier name and address, Bird Johnson Propeller Company purchase order number, Bird Johnson Propeller Company part

number and line-item quantity.

6) reference a batch or lot number and expiration date for age sensitive items such as

elastomeric products, adhesives, sealants, gaskets (except Viton), hoses or chemicals

and cure date for elastomeric products.

7) reference revisions for firmware and software included or integrated with a

provided product.

8) not be password-protected unless the password is provided.

9) provide the country of origin for where the greatest proportion of value add is

completed.

**Email Requirements:**

Subject to US export requirements, Suppliers must email documentation at the time of

shipment to BirdJohnsonCerts@fmdefense.com.

1) The Bird Johnson Propeller Company purchase order (PO) number and Bird Johnson Propeller Company part number shall be referenced in the email subject line in the following format: “Report(s) for PO XXXXXXXXXX Part Number YYYYYYYYY” or “Report(s) for PO XXXXXXXXXXX, Multiple Part Numbers”.

2) Documentation (including hard copy or faxed documents when requested by Rolls-

Royce) must be legible and of reproducible quality. Files cannot contain macros or

executables. No hard copy certifications are required to accompany the shipment.

**Preservation and Packaging:**

1) Unless otherwise specified, the Supplier shall package parts, components,

systems, and equipment for commercial shipment with appropriate preservation

techniques and materials for a minimum of 12 months storage.

2) The Supplier shall furnish the instructions for any preservative requiring

removal prior to part use. The Supplier shall furnish Bird Johnson Propeller Company with

instructions/recommendations for the care of equipment in storage prior to

installation and operation.

3) The Supplier shall package items to prevent damage to the part during transit and must

be preserved and protected from elements that may affect surface finish and impact

future manufacturing steps. The Supplier must clearly identify parts by Bird Johnson Propeller Company or manufacturer part number.

4) Items requiring pallets must be delivered on a pallet 42” wide x 48” deep. All

palletized items must be securely strapped to the pallet to prevent shifting of

material during handing. Strapping must be tensile rated for the load being secured

to the pallet.

5) Any item which is larger than 96” wide or 96” long and cannot be removed from a truck

or trailer with a pallet jack or forklift without dragging the material must be delivered on a flatbed open trailer for removal by crane. Failure to adhere to the above may cause the rejection of and delay payment for the shipment. When calling Bird Johnson Propeller Company logistics providers, please advise the logistics provider of the overall dimensional requirement of the package(s) or crate(s).

**Ferrous Parts:**

The minimum preservation for ferrous parts will include, but not be limited to complete

coating w/ LPS 3 rust inhibitor or equivalent preservative as approved by Bird Johnson Propeller Company Quality.

All material, supports, braces, and spacers (including wood) must be pre-wrapped or

covered with barrier material, resistant to grease and water, and flexible per MIL-PRF-

121.

**Age-sensitive Items:**

Age-sensitive items having a shelf life such as elastomeric products, adhesives,

sealants, gaskets, hoses or chemicals must be labeled with a batch or lot number (and

cure date for elastomeric products) and expiration date.

1) Elastomeric products, gaskets, hoses or chemicals delivered per this order shall have

no less than 75% of shelf life remaining, as calculated from the date of the delivery

(to RR) to the shelf-life expiration of the material. Specifically, shelf life is

calculated as follows:

Expiration Date − Delivery Date = Remaining Shelf Life (%)

Expiration Date − Cure Date

2) Adhesives and sealants delivered per this order shall have no less than 90 days (3

months) of shelf life remaining, as calculated from the date of the delivery (to Bird Johnson) to the shelf-life expiration of the material. Purchase Order Text will take precedent over

this 90-day (3 month) requirement.

3) The maximum shelf life must not be greater than 5 years unless otherwise certified by

the manufacturer. If ARP 5316 shelf-life requirements are certified, Bird Johnson Propeller Company applies a maximum shelf-life period of 10 years (40 quarters).

**Hazardous Substances:**

A Safety Data Sheet (SDS) must accompany any hazardous substances.

**Electronic Products:**

The Supplier shall package products to prevent damage due to electrostatic discharge

(ESD). The supplier must include revisions for firmware and software on certificates of

conformance included or integrated with a provided product.

**Deliverables:**

The Supplier must provide deliverables embedded in any specification or contract

referenced in this purchase order prior to Bird Johnson Propeller Company Supplier Quality acceptance of the line-item shipment. Deliverables may include items such as, but not be limited to first article inspection report (FAIR), test results, dimensional inspection report, nondestructive test (NDT) results, or qualification reports, ABS (American Bureau of

Shipping) approval, heat treat documentation, raw material certifications, requests for

deviations or weld repair maps.

**Record Retention:**

The Supplier must retain all records pertaining to parts provided for this purchase

order for a minimum of 5 years. The Supplier shall provide copies of records upon

request.

**Contract Numbers:**

Unless specifically requested by Bird Johnson Propeller Company, the Supplier shall not stamp, print, or mark by any method a contract number on the part(s). If a contract number is marked on the part(s), the cost to rectify is solely on the Supplier.