

Quality Requirements Q3R Fit Check

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- * **1.0 SCOPE:** This Clause Q3R establishes the requirements for a "Fit Check Item", prior to the initiation of a production run for F-16 and C-130 Items.

2.0 DEFINITION AND TERM USAGE

- ** **2.1** The terms "Item(s)", "PO", "Seller" and "Buyer", as used herein, have the same meaning as the terms "Work", "Contract", "SELLER" and "LOCKHEED MARTIN", respectively.
- 2.2** A Fit Check Item ("FCI") is an Item which supplements the scope and purpose of the First Article Inspection ("FAI") specified in Quality Clause Q2A. The FCI is submitted to the Buyer's facility specified in this PO to verify fit to Buyer's next assembly, aircraft and/or tooling, prior to Seller's manufacture or delivery of production parts.

3.0 APPLICABILITY:

- * **3.1** Seller shall manufacture a FCI unless Item meets the exceptions of 3.3.
- * **3.2** The following Items do not require Fit Check:
- a) For all Items other than machined parts, castings, and/or forgings, manufactured as Buyer-designed (Build-to-Print) with no contours(shape), Buyer-furnished control tooling, and holes (pilot or full size) from Buyer's next assembly drawing
 - b) Machined parts, castings, and/or forgings with or without contour, with no holes (pilot size or full size) from Buyer's next assembly drawings, without Interchangeable and/or Replaceable ("I/R") features, no drill to match holes, and/or with no Buyer-furnished control tooling.
 - c) Spares only Items
 - d) When Buyer's drawing, Part List ("PL"), Production Outsourcing Instruction Sheet ("POIS"), and/or Hole Pattern Analysis Sheet ("HPAS") changes that remove pilot size holes, full size holes from Buyer's next assembly, and/or finish only changes.
- * **4.0 GENERAL REQUIREMENTS:** The following general requirements apply to all Fit Check Items. Seller shall refer to section 5.0 below, Destination-Specific Requirements, for any unique destination specific requirements or exceptions.
- * **4.1** Seller shall manufacture one representative FCI using standard production methods (see Destination-Specific Requirements, below).

- * **4.2** Seller shall submit completed FCI(s), including final finish, unless noted otherwise in Destination-Specific Requirements section, below.
- 4.3** Seller shall identify FCI(s), by non-permanent method (e.g., tag, placard, etc.), as a "FIT CHECK ITEM" and shall indicate part number, drawing revision, and/or POIS revision.
- 4.4** Seller shall provide evidence that appropriate manufacturing plan approvals have been completed as required.
- * **4.5** Seller shall complete a FAI report as required by this PO (F-16 or C-130 Program) prior to presentation of Item(s) for Fit Check and final acceptance by Buyer. Seller shall include in the FAI verification of FCI whenever it is required. Seller shall submit a copy of the FAI with the FCI.
- 4.6** Seller shall identify, package and ship the completed FCI in accordance with this PO and any additional Destination-Specific Requirements noted below.
- * **4.7** Seller shall be solely at risk if Seller manufactures any additional production Items prior to successful completion and notification of Buyer FCI acceptance, unless and until Seller has received prior written approval from Buyer.
- * **4.8** Seller shall, whenever possible, ship the FCI and accompanying production Items together in the same container if authorized by Buyer to ship production Items concurrent with the FCI. The FCI shall be shipped in box number one (1) if multiple containers are required. Any accompanying production Item(s) shall be shipped in boxes number two (2) and 2, 3, 4, etc. Seller shall identify all shipping container(s) with the appropriate Destination-Specific FCI placard noted below.

5.0 DESTINATION-SPECIFIC REQUIREMENTS:

- * **5.1** Seller shall use the following instructions to ship the FCI to Fort Worth, TX:
 - 5.1.1** Seller shall manufacture one (1) FCI and ship the FCI to the Buyer location specified in this PO.
 - 5.1.2** Seller may omit final finish on the FCI.
 - * **5.1.3** Seller shall provide a sketch or identify on the FCI the type and location of final finish, including electrical bond areas, when applicable, and markings to be applied to production parts when Seller elects to omit final finish on the FCI.
 - 5.1.4** Seller shall clearly identify the outside of all containers containing a FCI and/or accompanying production Item(s), with an 8-1/2" X 11" (approximately) placard which specifies the following:

FIT CHECK ITEM
Box No. _____ of _____
Deliver to: Receiving Dock
Fit Check Crib

- * **5.1.5** Buyer shall return to Seller the FCI that has successfully completed Fit Check. Seller shall retain the FCI at Seller's facility unless and until Buyer provides final disposition instructions.
- * **5.1.6** Seller shall protect the FCI against damage/deterioration. Seller shall use the FCI as a guide during final acceptance activities.
- * **5.2** Seller shall use the following instructions to ship the FCI to Marietta, GA:
 - 5.2.1** Seller shall manufacture one (1) FCI complete per all PO requirements and ship to Buyer location specified in this PO.
 - 5.2.2** Seller shall clearly identify the outside of all containers containing FCI and/or accompanying production Item(s), with an 8-1/2" X 11" (approximately) placard which specifies the following:

FIT CHECK ITEM
Box No. _____ of _____
Deliver to: Receiving Dock
Building # B-1

- * **5.2.3** Buyer shall not return to Seller an FCI that has successfully completed Fit Check, but shall accept and retain the FCI as a production Item.
- * **5.3** Seller shall use the following instructions to ship FCI(s) to any of the following destinations per PO requirements:
 - a) Meridian, MS
 - b) Pinellas, FL
 - c) Clarksburg, VA
 - d) Johnstown, PA
- * **5.3.1** Seller shall mail a copy of the FAI report to Buyer when a C-130 FCI is shipped directly to Johnstown, Meridian, and Pinellas feeder plant facilities. The mailing address is:

Lockheed Martin Aeronautics Company
Dept. 274M, Mail Zone 0392
Attention: PQA
86 South Cobb Drive
Marietta, GA 30063

- * Seller shall mail a copy of the FAI report to Buyer when an F-16 FCI is shipped directly to Pinellas, FL. The mailing address is:

Lockheed Martin Aeronautics Company
Dept. 274, Mail Zone 5809
Attention: PQA
PO Box 748
Fort Worth, TX 76101

5.3.2 Seller shall manufacture one (1) FCI complete per all PO requirements and ship to the Buyer location specified in this PO.

- * **5.3.3** Seller shall contact the "F-16 Procurement Quality Assurance Engineer" via Fax at (817) 762-1566, or the "C-130 Procurement Quality Assurance Engineer" via Fax (770) 494-4042, Attention: PQA, as required.

- * **5.3.4** Seller shall clearly identify the outside of **all** containers containing FCI(s) and/or accompanying production Items, with an 8-1/2" X 11" (approximately) placard which specifies the following:

FIT CHECK ITEM
Box No. ____ of ____

Seller shall use the following placard identification for F-16 or C-130 Program FCI shipped directly to the following Pinellas Park, Florida address:

Address : Lockheed Martin Aerospace -Pinellas
9300 28th Street North
Pinellas Park, FL 33782
USA

FIT CHECK ITEM
Box No. ____ of ____
Attn: Quality Assurance
Ph. # 727-578-6942

- * **5.3.5** Buyer shall not return to Seller a C-130 FCI that has successfully completed Fit Check, but shall retain the FCI as a production Item.

6.0 ACCEPTED FCI:

- 6.1** Buyer shall provide Seller with electronic notification of FCI acceptance.

7.0 FAILED FCI:

- * **7.1** Buyer shall provide Seller with electronic notification of all FCI non-conformances, if any.
- * **7.2** Seller shall process each nonconforming item, if any, in accordance with this PO.

8.0 RESUBMITTAL OF A FAILED FCI:

- * **8.1** Seller shall provide the following prior to resubmitting a previously failed FCI:
 - a) Description of root cause,
 - b) Description of corrective/preventive action(s) taken,
 - c) Effectivity of corrective/preventive action(s), and
 - d) Copy of Buyer's problem report that was returned with the Item.

9.0 FIT CHECK RECORDS:

Seller shall retain and provide records of FAI and FCI activity in accordance with requirements of this PO.