CSI POST-PRODUCTION REVIEW CHECK SHEET

SECTION I - BASIC INFORMATION

1. P/N	2. MWO
3. ☐ FPR *(Complete ALL Sections)*	☐ REPEAT *(Complete Sections 2 through 4)*

Excluding all tubes/hoses/ducts manufactured per LPS 1300.

SECTION II - MANUFACTURING PLANNER (code 62100)

1. ☐ YES ☐ NO ☐ N/A	Item Criticality Determination (ICD)/Critical Item Engineering Instruction (CIEI) is in the package.
2. ☐ YES ☐ NO ☐ N/A	Additional REI/TEIs that are referenced on the MWO are in the package.
3. ☐ YES ☐ NO	Use and Installation Authorization is in the package
4. ☐ YES ☐ NO ☐ N/A	Airworthiness Certificate is in the package (FPR only).
5. ☐ YES ☐ NO ☐ N/A	Pertinent messages/emails /memos are in the package.
6. ☐ YES ☐ NO	All pages of the MWO are in the package and operation lines are certified/verified as required.
7. ☐ YES ☐ NO ☐ N/A	All detail work orders are in the package and the pages are accounted for.
8. ☐ YES ☐ NO ☐ N/A	All Discrepant Work Orders (DWOs) are in the package.
9. ☐ YES ☐ NO ☐ N/A	Shipping Document DD 1149 is in the package.
10. ☐ YES ☐ NO ☐ N/A	MESR is in the package if material and/or special skill is a critical characteristic.
11. ☐ YES ☐ NO ☐ N/A	Raw Material Inspection Report (RMIR) is in the package for each different raw stock used in the processing. RMIR number matches the number on the check sheet and work order.
12. ☐ YES ☐ NO ☐ N/A	Manufacturing Check Sheet with applicable RMIR stamp(s) is in the package.
13. ☐ YES ☐ NO ☐ N/A	Inprocess Inspection Sheet is in the package and all pages are accounted for.
14. ☐ YES ☐ NO ☐ N/A	Inspection Report for MBD is in the package.
15. ☐ YES ☐ NO ☐ N/A	FPR/CSI Balloon Drawing is in the package.
16. ☐ YES ☐ NO ☐ N/A	Organic contract is in the package.
17. ☐ YES ☐ NO ☐ N/A	Design drawing with all ECNs/DCOs are in the package.

18. COMPLETED BY NAME *(print or type)*	SIGNATURE AND DATE

*Complete if required, all other fields are required.
Complete all required fields and mark unused optional fields with N/A.

CSI POST-PRODUCTION REVIEW CHECK SHEET

SECTION I - BASIC INFORMATION

1. P/N	2. MWO

SECTION III - QUALITY ASSURANCE SPECIALIST (code 64200)

Purpose: Verify that the finished part and permanent documentation meet all ICD requirements. Ensure a consistent, logical, traceable record of the data process used to manufacture the part.

FINAL W.O. PACKAGE INSPECTION RESULTS

1. ☐ YES ☐ NO	Inventory the Work Order: Does the package contain the W.O. plus all TEIs, DWOs, MESRs, RMIRs and specific requirements added during processing?
2. ☐ YES ☐ NO ☐ N/A	Is there an updated ICD, REI/TEI, MESR or RMIR for each change of material/BOM item from the original specification?
3. ☐ YES ☐ NO	Are all process lines properly certified and/or verified?
4. ☐ YES ☐ NO ☐ N/A	Was LPS 1010 called out requiring a Hydrogen Embrittlement Relief Bake? If so, ensure the elapsed time between completion of the embrittling process and the start of the baking process did not exceed 8 hours without specific engineering authorization.
5. ☐ YES ☐ NO ☐ N/A	Is there clear evidence of CSI Review Board approval for required changes to the W.O. operations?
6. ☐ YES ☐ NO ☐ N/A	Is each DWO noted on the W.O. and a disposition of each recorded?
7. ☐ YES ☐ NO	Are all W.O. quantities accounted for?
8. ☐ YES ☐ NO ☐ N/A	Is the RMIR complete and correct?
9. ☐ YES ☐ NO	Do the items on the Inprocess Inspection Method Sheet, FRCSE 4861/9, match the requirements of the drawing and/or critical characteristics listed on the ICD?
10. ☐ YES ☐ NO	Is the part identification and marking location correct?

QUALITY - PHYSICAL INSPECTION RESULTS AT NASKARS *(Mandatory except tube assemblies)*.

11. ☐ YES ☐ NO	Is the part general configuration as specified for the part number?
12. ☐ YES ☐ NO	Is the physical appearance of the part consistent with the surface finish/coating type and quality? Is this consistent for all parts in the lot?
13. ☐ YES ☐ NO ☐ N/A	Have all corrective actions been made to the part(s)? Ref: DWOs/TEIs in the W.O. package.
14. ☐ YES ☐ NO	Are the parts properly packaged and preserved?

In your judgment, is this part the correct part per the drawings/specifications and has it met all CSI ICD requirements? All no answers must be resolved and method of resolution documented and/or explained in the space below the question checked "N" prior to signature.

15. COMPLETED BY NAME *(print or type)*	SIGNATURE AND DATE

*Complete if required, all other fields are required.
Complete all required fields and mark unused optional fields with N/A.

CSI POST-PRODUCTION REVIEW CHECK SHEET

SECTION I - BASIC INFORMATION

1. P/N	2. MWO

SECTION IV - CRITICAL SAFETY ITEM ENGINEER (code 41000)

Purpose: To verify that the finished part AND permanent documentation meet all engineering requirements of a correct, safe part. To ensure a consistent, logical, traceable record of the data and processes used to manufacture the part.

Check Y, N or N/A as appropriate: (If all items are acceptable, pass to FST/BDE Team Lead for Airworthiness Certification.)

FINAL W.O. PACKAGE INSPECTION RESULTS

1. ☐ YES ☐ NO	Inventory the Work Order: Does the package contain the Work Order plus all TEIs, DWOs, MESRs, and certifications added during processing?
2. ☐ YES ☐ NO ☐ N/A	Is there an REI/TEI or MESR for each change of material/BOM item from the original specification?
3. ☐ YES ☐ NO	Can the trail of paperwork be followed from step to step with all documents tying together with correct part number, correct work order number, correct date sequence with exceptions noted in writing?
4. ☐ YES ☐ NO	Are all process lines stamped by an artisan and, for M-stamp operations, a QAS? For Critical Characteristics, a special skilled artisan stamp or wing stamp should be present
5. ☐ YES ☐ NO ☐ N/A	Was LPS 1010 called out requiring a Hydrogen Embrittlement Relief Bake? If so, ensure the elapsed time between completion of the embrittling process and the start of the baking process did not exceed 8 hours without specific engineering authorization.
6. ☐ YES ☐ NO ☐ N/A	Is there clear, written explanation and CSI Review Board approval for any change to the W.O. operations (except those authorized in FRCSE Instruction 4861.1A)? (CSIRB: Planner, QA, CSI Engineer).
7. ☐ YES ☐ NO ☐ N/A	Is each DWO noted on the W.O. and a disposition of each recorded?
8. ☐ YES ☐ NO	Are all Work Order quantities accounted for? All pieces of material originally issued for the job should be explained in writing. Does the quantity completed and binned plus quantity scrapped plus the quantity transferred to other work orders plus the quantity of prove out/first article or non-RFI parts equal to the beginning quantity on the approved WO?
9. ☐ YES ☐ NO	Does the Inprocess Inspection Sheet items match the drawing and/or Critical Characteristics?
10. ☐ YES ☐ NO ☐ N/A	Have all issues/questions identified by the CSI Engineer been resolved?

In your judgment, has this part been manufactured per drawings/specifications? Have all quality assurance requirements been completed and has it met all CSI ICD requirements? If not, then all NO answers must be resolved and the method of resolution documented and/or explained in the space below the question checked "N" prior to signature.

11. COMPLETED BY NAME *(print or type)*	SIGNATURE AND DATE

*Complete if required, all other fields are required.
Complete all required fields and mark unused optional fields with N/A.

CSI POST-PRODUCTION REVIEW CHECK SHEET

SECTION I - BASIC INFORMATION

1. P/N	2. MWO

SECTION V - FST ENGINEER (code 43000) *(Only required for First Production Run - FPR)

Purpose: To verify that the finished part AND permanent documentation meet all engineering requirements of a correct, safe part. To ensure a consistent, logical, traceable record of the data and processes used to manufacture the part.

Check Y, N or N/A as appropriate: (If all items are acceptable, pass to FST/BDE Team Lead for Airworthiness Certification.)

FINAL W.O. PACKAGE INSPECTION RESULTS

1. ☐ YES ☐ NO	Inventory the Work Order: Does the package contain the Work Order plus all TEIs, DWOs, MESRs, and certifications added during processing?
2. ☐ YES ☐ NO ☐ N/A	Is there an REI/TEI or MESR for each change of material/BOM item from the original specification?
3. ☐ YES ☐ NO	Can the trail of paperwork be followed from step to step with all documents tying together with correct part number, correct work order number, correct date sequence with exceptions noted in writing?
4. ☐ YES ☐ NO	Are all process lines stamped by an artisan and, for M-stamp operations, a QAS? For Critical Characteristics, a special skilled artisan stamp or wing stamp should be present
5. ☐ YES ☐ NO ☐ N/A	Was LPS 1010 called out requiring a Hydrogen Embrittlement Relief Bake? If so, ensure the elapsed time between completion of the embrittling process and the start of the baking process did not exceed 8 hours without specific engineering authorization.
6. ☐ YES ☐ NO ☐ N/A	Is there clear, written explanation and CSI Review Board approval for any change to the W.O. operations (except those authorized in FRCSE Instruction 4861.1A)? (CSIRB: Planner, QA, CSI Engineer).
7. ☐ YES ☐ NO ☐ N/A	Is each DWO noted on the W.O. and a disposition of each recorded?
8. ☐ YES ☐ NO	Are all Work Order quantities accounted for? All pieces of material originally issued for the job should be explained in writing. Does the quantity completed and binned plus quantity scrapped plus the quantity transferred to other work orders plus the quantity of prove out/first article or non-RFI parts equal to the beginning quantity on the approved WO?
9. ☐ YES ☐ NO	Does the Inprocess Inspection Sheet items match the drawing and/or Critical Characteristics?
10. ☐ YES ☐ NO ☐ N/A	Have all issues/questions identified by the CSI Engineer been resolved?

ENGINEERING PHYSICAL INSPECTION RESULTS (*Mandatory except tube assemblies)*

This is a generalized sanity check. It is not meant to duplicate or replace the detailed QA inspection of every dimension, process, or part in a lot. It is looking for obvious defects visible to the naked eye. Where there are questions/issues about the part, it is advisable to request QA be present.
Required: The physical lot of parts and the Engineering approved finished Work Order package from Section V above.

11. ☐ YES ☐ NO	Is the part identification and marking location correct?
12. ☐ YES ☐ NO	Is the part general configuration as specified for the part number?
13. ☐ YES ☐ NO	Is the physical appearance of the part consistent with the surface finish/coating type and quality? Is this consistent for all parts in the lot?
14. ☐ YES ☐ NO	Are the overall dimensions correct? Will the part fit as required and function correctly?
15. ☐ YES ☐ NO ☐ N/A	Have all corrective actions been made to the part(s)? Ref: DWOs/TEIs in the W.O. package.
16. ☐ YES ☐ NO ☐ N/A	Have all issues/questions identified by the CSI Engineer and QA been resolved?

In your judgment, is this part the correct part per the drawings and specifications and is it safe for use? If not, or if any of the above questions have a NO answer state the non-conformances on the checklist and return the package to the CSI Engineer for disposition.

17. COMPLETED BY NAME *(print or type)*	SIGNATURE AND DATE

*Complete if required, all other fields are required.
Complete all required fields and mark unused optional fields with N/A.