



Supplier Approval Questionnaire

Quality Management Survey

&

DPD/MBD and CMS Assessment

To be filled out by LMI SQE			
Reviewed by:			
Supplier Code:			
Assigned Commodity Code:			
Date:			
AS9100 Rev C Certified:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
Nadcap Certified:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
DPD/MBD Approved:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
ITAR Registration:	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Registration Code?
Approved:	<input type="checkbox"/>		
Disapproved:	<input type="checkbox"/>		

Instructions:

Complete this form and attach copies of certifications, third party registration and any OEM approvals including DPD approval letters and return to your LMI Aerospace Buyer via email.

SECTION 1 – General Information									
Company Name					Date				
Address									
City			State/Province		Zip/Postal Code				
Name/ Title (of person that is completing this form)									
Email Address				Telephone		FAX			
President/Owner				Email Address					
				Phone/Ext					
Quality Manager				Email Address					
				Phone/Ext					
Sales/ Contracts Representative				Email Address					
				Phone/Ext					
Engineering				Email Address					
				Phone/Ext					
Years in Business		Square Footage		# of Employees	Total	Mfg	QA	Eng	Other
Company Website Address		Business Classification (i.e.: Small Business, Women Owned, etc.)		Third Party Registration	ISO9001		AS9100		Other
					<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Major Customers									
List Type of Business and Products / Processes / Services Considered for Approval									

SECTION 2 - SOFTWARE

		Yes	No	N/A
1	Does the Supplier have a system to securely receive digital data and have CAD / CAM or MBD / DPD data capability?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Does the supplier have a process to assess sub-tier digital data capability?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Does the supplier have a seat of Catia? Revision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Does the supplier have the capability to read Catia? Software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION 2A – DPD/MBD and CMS

Only complete this section if you answered Yes to any of the questions in Section 2 above. If you did not, skip ahead to Section 3. The D6-51991 is located at the following site: <http://www.boeing.com/supplier/D6-51991.pdf>

	Question Questions below reference Boeing D6-51991 sections	Response	Answer or Procedure # (with control number)	Comments
1	Is the supplier currently approved to the Boeing D6-51991 standard or any other OEM DPD/MBD standard? If yes, please name the OEM standard and list the revision level. Section 1.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2	Is there a flow diagram of the complete documented DPD processes? Requirements: Section 1.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	Is there a requirement in the suppliers documented processes to update their supplier profile when changes occur, or at a minimum annually if no changes occur. Requirements: Section 1.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
4	Are documented DPD processes implemented with defined authority for change control & maintenance? Requirements: Section 1.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
5	Is there a process to ensure integrity and security of datasets from receipt throughout the manufacturing and acceptance processes? a) Storage of Boeing provided DPD and supplier created derivatives b) Archiving old revisions c) Encryption during send/receive d) Backup system	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

	e) Access control and password protection (read/write) Requirements: Section 2.1			
6	Does the supplier have a process to control configuration of dataset derivative media? Requirements: Section 2.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
7	Are dataset derivatives traceable back to the current authority dataset? Requirements: Section 2.2.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
8	Does the planning package identify traceability to the current authority dataset? Requirements: Section 2.2.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
9	Does the supplier have a change control process for dataset derivative media? Requirements: Section 2.2.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
10	Does the supplier have a process that includes control of non-current (obsolete) authority datasets and dataset derivatives? Requirements: Section 2.2.4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
11	If providing Type Design to Boeing, does the supplier have a documented process for design and development? Requirements: Section 2.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
12	Does internal quality audits procedure include auditing or reviewing all internal and sub-tier operations for DPD data and related documentation? Requirements: Section 4.0	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
13	Does the supplier's documented procedure for corrective action include reporting, tracking and resolving hardware, software and dataset integrity (Including Boeing provided datasets)? Requirements: Section 5.0	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
14	Does the supplier have a process to assess, monitor and control sub-tier compliance with DPD requirements? Requirements: Section 6.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
15	Does supplier QA organization have responsibility for approval of all inspection media? Requirements: Section 8.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
16	Does the supplier have a documented process to create inspection media from a 3D model in addition to the 2D drawing? Requirements: Section 8.2, 8.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
17	Is there a process in place to document FAI's for product produced from authority	<input type="checkbox"/> Yes <input type="checkbox"/> No		

	datasets? Requirements: Section 8.4	<input type="checkbox"/> N/A		
18	Does the supplier document the current level of hardware configuration, software, software revisions and other digital system information (e.g. PTF(s), project files) required to maintain compatibility with Boeing supplied datasets and/or data exchange formats per applicable Boeing system(s) requirement documents? Requirements: Section 9.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
19	Does the supplier verify dataset translations when a supplier translates Boeing authority datasets from their as received format into their manufacturing or inspection software? Requirements: Section 9.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
20	Does the supplier ensure that when Tool Design responsibility is flowed down to sub tier suppliers that the sub-tier supplier is approved by the supplier? Requirements: Section 10.1.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
21	Does the supplier have a documented process to ensure release, acceptance, identification, security, access and change control for: a) Tool design b) Tool inspection Requirements: Section 10.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
22	Are digitally defined special tools and physical inspection media (check fixtures, templates, etc.) identified and traceable to the authority tool design dataset? Requirements: Section 10.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
23	Are special tools and tooling media accepted and periodically validated to the authority design at a frequency determined to ensure accuracy and repeatability? Requirements: Section 10.3	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
24	Does the supplier define training requirements that: a) Assure competence and maintain employee training records, including on-the-job-training, for all DPD system users. b) Respond to changes to the DPD process, equipment, or software? Requirements: Section 11.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

Model Based Definition (MBD)				
25	Does the supplier's CAD system have the ability to view annotation based on Boeing site-specific requirements? Requirements: Section 9.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
26	Does the supplier have a documented process to create inspection media from a 3D MBD model? Requirements: Section 8.2, 8.4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
27	Does the supplier have a process to ensure verification of all design requirements of the authority dataset? (e.g., all defined by feature control frames, annotation, specifications, notes and other specified requirements in the authority DPD dataset and associated parts list including dimensional and other properties) Requirements: Section 8.4	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
28	Is there a process in place to document FAI's for product produced from MBD datasets? Requirements: Section 8.5	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
29	Does the supplier have a process to assure sub-tier suppliers' ability to work with MBD information? Requirements: Section 6.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
30	Has the supplier identified specific training requirements for all functions associated with use and control of MBD datasets? (e.g. planning, purchasing, contract review and Mfg? Requirements: Section 11.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Coordinate Measurement Systems (CMS)				
31	Does the supplier use CMS equipment for tooling and or product acceptance? Select all that apply: a) Articulating Arm - Portable Coordinate Measurement Machine	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

	b) Digital Theodolite c) Fixed Coordinate Measurement Machine d) Fixed Scanning Coordinate Measurement Machine e) Indoor Global Positioning System f) Laser Projectors - Optical Layout Template g) Laser Radar h) Laser Scanner i) Laser Tracker j) Numerical Control Machine Inspection k) Photo or Video-grammetry l) Other Requirements: Section 7.2			
32	Does the supplier have a process to control critical functions of the CMS? Requirements: Section 7.2.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
33	Does the supplier maintain certification of calibration for equipment used for inspection including both fixed and portable CMS equipment, NC equipment with inspection probe capability, OLT's etc. and other equipment used to accept part attributes? Requirements: Section 7.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
34	Is there a process in place to validate PAS independent of the software developer? Requirements: Section 3.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
35	Does the supplier develop software for inspection and acceptance of product? Is yes, is there a process of testing and validation? Requirements: Section 3.2	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
36	Does the supplier define training requirements that: -Assure competence and maintain employee training records, including on-the-job training for all CMS system users -Respond to changes to the CMS process, equipment and software? Requirements: Section 11.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
37	Are there documented processes for the control of Mylar plots used as a media of inspection? Those procedures shall include at a minimum the following: ●Plotter Calibration ●Verification of engineering definition ●Verification of plot accuracy ●Quality Acceptance Stamping	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

	<ul style="list-style-type: none"> Verify accuracy prior to use Requirements: Section 8.6.1			
38	Does the supplier define training requirements that: -Assure competence and maintain employee training records, including on-the-job training for all CMS system users -Respond to changes to the CMS process, equipment and software? Requirements: Section 11.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
39	Do you internally audit your DPD processes and on a minimum annual basis? Requirements: Section 4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

SECTION 3: SPECIAL PROCESSES

For each special process performed in house, list the specification (s) used.

Example: Anodize MIL-A-8625.

*For each NADCAP approval, please submit a copy of your certificate. You may attach supplemental sheets as necessary

Process	Specification	Approvals	Expiration
Anodize			
Chemical Conversion Coatings			
Plating			
Heat Treat			
Coatings			
Passivation			
Welding			
Chem Mill			
Shot Peening			
NDT (List each type and level)			
Machining			
Other			

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SECTION 4: COUNTERFEIT CONTROL PLAN

		YES	NO	N/A
1	Do you provide product that contains electronic components?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	If, yes, do you have a counterfeit control plan that includes a requirement to purchase components from the Original Component Manufacturer or the OCM authorized distributor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION 5: QUALITY SYSTEM

ONLY COMPLETE THIS SECTION IF YOU DO NOT HAVE A THIRD PARTY CERTIFICATION FOR YOUR QUALITY MANAGEMENT SYSTEM.

***If you do have third party certification attach your certificate to this application and mark n/a in the first box of this section.**

QUALITY SYSTEM		YES	NO	N/A
1	Do you have a quality manual? Record last revision date:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Is there an organizational chart that clearly defines your organization? (If you are a FAA Repair Station please provide a copy of your org chart)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Is there an internal audit process in place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOCUMENT CONTROL		YES	NO	N/A
4	Is there a system for controlling drawings, solid models, specifications and other technical data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Is the document control system periodically audited to ensure continued compliance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONFIGURATION MANAGEMENT		YES	NO	N/A
6	Has the supplier established, documented and maintained a configuration management process that is appropriate to the product?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONTRACT REVIEW		YES	NO	N/A
7	Is there a system to ensure contract requirements are identified and can be met prior to acceptance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Is there a system to ensure that revised contract requirements are evaluated and communicated to the appropriate functions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUPPLIER AND PURCHASE ORDER CONTROL		YES	NO	N/A
9	Do purchase orders clearly flow-down and define requirements including quality and FAA requirements, drawing and specification requirements with revision levels where appropriate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Is there a system in place for selecting and approving new suppliers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Is there a list of approved suppliers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Are risks identified and monitored for suppliers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCT IDENTIFICATION AND TRACEABILITY		YES	NO	N/A
13	Are material and product identification maintained from receipt through delivery?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Do you identify the inspection status of products in process?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HUMAN RESOURCES		YES	NO	N/A
15	Are personnel performing work affecting product quality competent on the basis of education, training, skills and/or experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16	Are Records maintained for training, education, skills and experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROCESS CONTROL		YES	NO	N/A
17	Do work instructions provide detailed, sequential steps including inspection points?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Are the personnel performing work identified by stamp and/or signature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Do work instructions and tech data indicate correct drawing revision levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STAMP CONTROL		YES	NO	N/A
20	If inspection stamps are used, is there a documented procedure in place to control their use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INSPECTION		YES	NO	N/A
21	Is there a system for inspection of purchased parts and materials to ensure compliance with purchase order requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Are acceptance criteria clearly defined for all inspections and tests performed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	If an acceptance sampling is used, state the standard:			
24	Does out-going inspection ensure that all requirements (customer and regulatory) have been achieved?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONTROL OF NONCONFORMING PRODUCT AND CORRECTIVE ACTION		YES	NO	N/A
25	Is nonconforming material properly identified, segregated and records of disposition maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Are reworked or repaired product re-inspected to original criteria?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Is there a process for corrective action and indentifying the root cause?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MATERIAL HANDLING AND STORAGE (WAREHOUSING)		YES	NO	N/A
28	Is material stored to protect from damage, deterioration, loss and unauthorized release?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Are there controls in place to minimize the risk of damage/deterioration during packaging, production and transport/shipping processes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CALIBRATION		YES	NO	N/A
30	Is there a system in place to ensure all measuring tools and equipment used for product acceptance are calibrated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Are calibration standards traceable to acceptance national standards (e.g. NIST)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Are all measuring and test equipment verified or calibrated prior to usage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Is the calibration system periodically audited to ensure continued compliance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RECORDS		YES	NO	N/A

34	Are receiving inspection records including traceability maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	How long are records (work packages, shop travelers, traceability documents, certificate of conformance, etc.) maintained?			

SECTION 6: "ITAR" Registration (22 CFR 120-130)

<p>The International Traffic in Arms Regulations (ITAR)</p> <p>§122.1 Registration requirements.</p> <p>(a) Any person who engages in the United States in the business of manufacturing or exporting or temporarily importing defense articles, or furnishing defense services, is required to register with the Directorate of Defense Trade Controls under §122.2. For the purpose of this subchapter, engaging in such a business requires only one occasion of manufacturing or exporting or temporarily importing a defense article or furnishing a defense service. A manufacturer who does not engage in exporting must nevertheless register. (See part 129 of this subchapter for requirements for registration of persons who engage in brokering activities.)</p>				
		YES	NO	N/A
1	Is your company registered with the Directorate of Defense Trade Controls (DDTC)? If not, you are not eligible for work that is a defense article or defense service.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Did you remember to include, as applicable:

- ISO/ AS9100/AS9910 Certificate
- FAA Air Agency Certificate
- NADCAP Approvals
- Special Process Certifications
- Customer DPD/MBD Approvals
- ITAR Registration
- Any professional documents, certifications and licenses that are applicable

SIGNATURE SECTION TO BE COMPLETED BY THE INDIVIDUAL PROVIDING INFORMATION

Please sign

Name Title Date