

APPENDIX B - FUNCTIONAL DEFINITIONS

FUNCTION	DEFINITION
MANUFACTURER WITH DESIGN AUTHORITY	SUPPLIER HAS TOTAL DESIGN AUTHORITY OR MAY HAVE LIMITED DESIGN AUTHORITY AS DEFINED BY NORTHROP GRUMMAN IN THE FORM OF PRODUCT DEFINITION DOCUMENTS (E.G., PROCUREMENT SPECIFICATION, ENVELOPE DRAWINGS, AND PRIME ITEM DEVELOPMENT SPECIFICATIONS). ACTIVITIES TYPICALLY INVOLVE THE CREATION OF TECHNICAL DOCUMENTATION (E.G., DRAWINGS, ACCEPTANCE AND QUALIFICATION TEST PROCEDURES) FOR WHICH THE SUPPLIER HAS CONFIGURATION CONTROL. SUPPLIERS WHO DESIGN AND MANUFACTURE COMPLEX, MAJOR/HIGH VALUE AEROSPACE PRODUCTS, AND SYSTEMS ARE INCLUDED IN THIS CLASS.
MANUFACTURER – BUILD TO PRINT	SUPPLIERS COMPLY WITH REQUIREMENTS SPECIFIED BY NORTHROP GRUMMAN, CUSTOMER, OR SPECIFICATION DESIGN MEDIA. SUCH SUPPLIERS ARE OFTEN TIMES REFERRED TO AS “BUILD TO PRINT” SHOPS INCLUDING THE DISTRIBUTORS THAT PERFORM A VALUE ADDED ACTIVITY AND MAY REQUIRE THE DEVELOPMENT AND CONSTRUCTION OF SPECIAL TOOLING OR SPECIAL TEST EQUIPMENT.
DISTRIBUTOR	AN ORGANIZATION THAT DISTRIBUTES PRODUCTS TO RETAILERS OR FINAL CUSTOMERS ON BEHALF OF A MANUFACTURER (DOES NOT ADD VALUE, CREATE, OR MANUFACTURE THE ITEM SOLD).
SPECIALIZED SERVICE	REPAIR STATIONS THAT PERFORM SERVICES ONLY.
FRANCHISED DISTRIBUTER	A DISTRIBUTER THAT HAS BEEN AUTHORIZED BY AN ORIGINAL COMPONENT MANUFACTURER (OCM) OR OEM TO SELL THEIR PRODUCTS.
INDEPENDENT BROKER	AN ORGANIZATION THAT SELLS PRODUCTS WITHOUT THE EXPRESSED AUTHORIZATION FROM AN OCM/OEM.
COMMERCIAL OFF THE SHELF PROVIDER	COMMERCIAL OFF THE SHELF - SUPPLIER WHO PROVIDES ITEM THAT IS COMMERCIALLY AVAILABLE, LEASED, LICENSED, OR SOLD TO THE GENERAL PUBLIC AND WHICH REQUIRES NO SPECIAL MODIFICATION OR MAINTENANCE OVER ITS LIFE CYCLE. IN ADDITION, SERVICES SUCH AS INSTALLATION, MAINTENANCE, REPAIR, AND TRAINING THAT ARE PROCURED FOR SUPPORT OF AN ITEM DESCRIBED ABOVE ARE CONSIDERED COMMERCIAL ITEMS IF THEY ARE OFFERED TO THE PUBLIC UNDER SIMILAR TERMS AND CONDITIONS OR SOLD COMPETITIVELY IN SUBSTANTIAL QUANTITIES BASED ON ESTABLISHED CATALOG OR MARKET PRICES (TYPICALLY THE CREATOR OR MANUFACTURE OF THE ITEM SOLD).
TOOLING SUPPLIER	A SUPPLIER WHO DESIGNS AND/OR MANUFACTURES TOOLING THAT NORTHROP GRUMMAN USES IN THE PRODUCTION, TESTING, OR INSPECTION OF ITS PRODUCTS.
SOFTWARE- NOT EMBEDDED	A SUPPLIER WHO DEVELOPS SOFTWARE THAT IS NOT EMBEDDED IN A HARDWARE ENVIRONMENT.
SYSTEM INTEGRATOR	SUPPLIER THAT SPECIALIZES IN BRINGING TOGETHER COMPONENT SUBSYSTEMS INTO A WHOLE AND ENSURING THAT THOSE SUBSYSTEMS FUNCTION TOGETHER.
CALIBRATION SERVICES	IN THIS CONTEXT, THE PROCUREMENT OF SERVICES FROM A SUPPLIER WHO PROVIDES FOR THE CALIBRATION OF NORTHROP GRUMMAN OR CUSTOMER ITEMS. ORIGINAL EQUIPMENT MANUFACTURERS (OEM) THAT CALIBRATE THEIR OWN EQUIPMENT ARE ALSO INCLUDED IN THIS CATEGORY.
SPECIALIZED PROCESSES	THOSE PROCESSES AT SUPPLIER'S FACILITIES OF WHICH THE RESULTING OUTPUTS CANNOT EASILY BE VERIFIED INDEPENDENTLY THROUGH NON-DESTRUCTIVE TESTING OR INSPECTION PROCESSES. SOME EXAMPLES INCLUDE WELDING, PLATING, ETC.
SYSTEM ENGINEERING	THE DISCIPLINE OF ENGINEERING CONCERNED WITH HOW VARIOUS COMPONENT PARTS OF AN OVERALL SYSTEM FUNCTION TOGETHER. CAN BE DEFINED DIFFERENTLY IN A SOFTWARE, HARDWARE, OR SERVICES CONTEXT.
TESTING	VERIFICATION THROUGH INDEPENDENT MEANS OF THE ADEQUACY OF A PRODUCT OR SERVICE.
MANUFACTURER WITH DESIGN – DIGITAL DATA MODEL	SUPPLIERS IN THIS CLASS MAY HAVE TOTAL DESIGN AUTHORITY OR MAY HAVE LIMITED DESIGN AUTHORITY AS DEFINED BY SECTOR IN THE FORM OF PRODUCT DEFINITION DOCUMENTS (E.G., PROCUREMENT SPECIFICATION, ENVELOPE DRAWINGS, OR PRIME ITEM DEVELOPMENT SPECIFICATIONS.). THESE DEFINITION DOCUMENTS TYPICALLY INVOLVE THE CREATION OF TECHNICAL DOCUMENTATION (E.G., DRAWINGS, ACCEPTANCE AND QUALIFICATION TEST PROCEDURES) FOR WHICH THE SUPPLIER HAS CONFIGURATION CONTROL. SUPPLIERS WHO DESIGN AND MANUFACTURE COMPLEX, MAJOR/HIGH VALUE AEROSPACE PRODUCTS, AND SYSTEMS ARE INCLUDED IN THIS CLASS. SUPPLIERS IN THIS CLASS USE ELECTRONIC DESIGN MEDIA AND THREE-DIMENSIONAL COMPUTER-AIDED DESIGN (CAD) FILES TO CAPTURE PRODUCT DESIGN.
BUILD TO PRINT MANUFACTURER WITH DIGITAL DATA MODEL	SUPPLIERS IN THIS CLASS ARE TO COMPLY WITH REQUIREMENTS SPECIFIED BY SECTOR, CUSTOMER, OR SPECIFICATIONS IN ELECTRONIC DESIGN MEDIA, THREE-DIMENSIONAL CAD FILES.