

SUPPLIER SHOCK EXTENSION CHECKLIST

USAGE NOTE:

In questions where N/A is grayed out choose YES or NO. There is an “R” added beside the checkbox to identify information that is required to be included in the shock test report per MIL-S-901, DI-ENVR-80706 as referenced in paragraph 3.2.2 and 6.2.2 of MIL-S-901D. Make sure this information is included in the shock test extension request prior to submittal for approval.

NO.	QUESTION	YES	NO	N/A
1	Is this extension request within the parameters for extension as allowed by MIL-STD-798 section 11?	<input type="checkbox"/> _R	<input type="checkbox"/>	
2	Was the previously tested item, tested to the requirements of the candidate item?	<input type="checkbox"/>	<input type="checkbox"/>	
3	When putting together your extension package, did you use DI-ENVR-80706 as directed by MIL-S-901D section 6.2.2 Consideration of data requirements? Note that this DID is available on IHS and http://www.assistdocs.com/search/search_basic.cfm	<input type="checkbox"/> _R	<input type="checkbox"/>	
4	Is the item in question (for which we are requesting an extension) identical to or similar to the previously qualified item cited as the basis for extension?			
	a. Identical (answer 5a. – 5e. then pick back up at question 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Similar (skip question 5, pick back up on question 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	If an identical extension is being requested, did you include the following in the request for extension?			
	a. A copy of the original shock test and post-test reports upon which the requested extension is based.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	b. Identification of the facility which conducted the test.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	c. A copy of the acceptance authority correspondence which conveyed approval of the previously extended item, if available. If not available, reference to the correspondence shall be provided.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	d. Certification that all applicable requirements for shock test extension contained in 3.2.1 of MIL-S-901 (NAVY) have been met.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	e. The source of any modified (non-MIL-S-901 (NAVY)) shock test extension criteria, if any; evidence that these criteria have been complied with; and an evaluation of the differences between these criteria those of MIL-S-901 (NAVY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	If a similar extension is being requested, did you include the following in the request for extension?			
	a. Detail drawings of the tested and untested item, and delineation of shipboard installations and orientation of the items.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	b. Differences in shape, orientation, weight, and material composition of parts or assemblies and differences in fabrication, or construction.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	c. A copy of the acceptance authority correspondence which conveyed approval of the previously tested item, if available. If not available, reference to the correspondence shall be provided.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	d. A detailed evaluation of the design, service, orientation, and installation differences as required by 3.2.1 of MIL-S-901 (NAVY).	<input type="checkbox"/> _R	<input type="checkbox"/>	
	e. Applicable military specifications and associated dates of issue for the original tested item.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	f. The source of any modified (non-MIL-S-901 (NAVY)) shock test extension criteria, if any; evidence that these criteria have been complied with; and an evaluation of the differences between these criteria and those of MILS-901 (NAVY).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This checklist was developed to help NNS suppliers achieve FTQ software submittals. It's not the intention of this checklist to be all inclusive, and you need to ensure all invoked P.O. requirements and specifications are met. The checklist is a list of frequently missed items by suppliers, and this is our attempt to identify these items to eliminate the costly rework and delays. We suggest you incorporate this checklist with your internal processes to be more efficient.

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		YES	NO	N/A
7	Does the shock test extension request clearly identify all of the following:			
	a. Design and service differences between the new and previously shock tested item, including design differences introduced as a result of drawing revisions.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	b. Differences in shape, orientation, weight, and material composition of parts or assemblies and differences in fabrication, or construction.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	c. Differences in critical clearances.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	d. Service related differences such as rated pressure or rated torque.	<input type="checkbox"/> _R	<input type="checkbox"/>	
	e. Drawings of the new and originally tested items (marked up to point out design differences).	<input type="checkbox"/> _R	<input type="checkbox"/>	
8	For each difference (or range of differences) identified in 6a thru 6e above, a comprehensive description of the methods, assumptions, and previous shock test evidence utilized by the contractor to establish compliance with all applicable shock test extension criteria specified herein shall be furnished. Is this information included?	<input type="checkbox"/>	<input type="checkbox"/>	
9	The results of engineering calculations performed in support of these requirements shall be furnished. Engineering assumptions attendant to these calculations shall be stated if not implicit. In general, sufficient information shall be provided to permit the acceptance authority to repeat or check the contractor's calculations. Is this information included?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Differences in the material composition and material properties of importance to the evaluation shall be cited. Is this information included? If there is no difference state there is no difference in the extension request.	<input type="checkbox"/> _R	<input type="checkbox"/>	
11	The request shall be typed in the contractor's format on 8 1/2" X 11" sheets (metric size A4). Is your request submitted in this format?	<input type="checkbox"/> _R	<input type="checkbox"/>	