**Supplier Alternate Metallic Material Request**

Complete the following form and attach to the eSPAR request in SQMS.

1. Contract date or need date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Detail part number requiring an alternate material: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Quantity of parts needed to cover the shortage (or potential shortage)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. If the Engineering Drawing calls out an aged temper, is the raw material procured in an annealed condition? Yes \_\_\_\_\_ No \_\_\_\_\_ Please include this information in the SPAR.
5. Have approved alternates, per DS30012, been researched? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. For Extrusions, have similar shapes been researched? If the blueprint is an angle that is unavailable on the market, have slightly thicker shapes that can be machined to the blueprint requirements, within the allowances of DS30012, been researched? Yes \_\_\_\_\_ No \_\_\_\_\_

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. C-130 only: If a suitable alternate material has been found, but it is not within the allowances of DS30012, include that alternate material in the SPAR and LM Engineering will review.

1. If the blueprint material is an extrusion, does the supplier have the capabilities to hog out the blueprint shape?  Yes \_\_\_\_\_ No \_\_\_\_\_
   1. Is this the preferred manufacturing method? Yes \_\_\_\_\_ No \_\_\_\_\_

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What alternate materials can be procured to produce this part? (i.e., if Supplier cannot find 7075-T6511 LS shape but 7075-T6511 square extruded bar can be found)

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1. Are there any additional manufacturing steps unique to the part that Materials & Process Engineering (M&P) should be aware of? (i.e., stretch forming)

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**NOTE: If issue is resolved prior to SPAR being closed in SQM, notify Lockheed Martin Buyer immediately.**