**MCSC AM Approval Request Form**

Purpose:

The purpose of this form is to request approval to 3D print a non-Green bin part. This form is called into use as part of Plan Of Action (POA) 7.

Instructions:

This form is available from Marine Corps Systems Command (MCSC) Advanced Manufacturing Operations Cell (AMOC) by contacting the AMOC Hotline 24/7 via the phone number (703) 432-3966 or via email at PARTS\_HELPDESK@USMC.MIL.

(i) This MCSC AM Approval Request Form is to be completed by the requestor in order to provide additional information needed to approve 3D printing of non-green bin parts.

(ii) The requestor completes this form and sends to the AMOC Hotline, which is then sent to the appropriate PM within MCSC.

(iii) When PM assessment is completed, PM notifies requestor via decision memorandum or similar format via email of approval / disapproval of 3D printed part.

(iv) PM approved parts are identified on the MM repository as green bin parts and include special instructions or limitations as dictated by the PM.

**1.0 User Information:** (filled out by requestor)

1. (a) Date MCSC AM Approval Request Form prepared:

1. (b) Requesting unit:

1. (c) POC (Requestor):

1. (d) POC contact information:

(i) Email:

(ii) Phone number:

**2.0 Existing Part Information:** (filled out by requestor)

2. (a) Existing part information: (if not replacing an existing part, go to section 3.0)

(i) General description:

(ii) Nomenclature (item description, TAMCN):

(iii) Serial number of platform/next higher assembly and end item where used or installed:

(iv) NSN:

(v) P/N:

(vi) CAGE:

(vii) Cost:

(viii) Material:

(ix) Source, Maintenance, and Recoverability Code (SM&R):

2. (b) Picture or drawing of existing part (attach if available):

2. (c) Rationale for request (problem/issue with existing part):

(i) Background / relevant facts:

- Any Product Quality Deficiency Report (PQDR), Supply Deficiency Report (SDR), or Request For Engineering Support (DLA 339) form previously submitted:

(ii) Backorder status or reliability information (including existing purchase order number):

2. (d) Technical Data Rights Questions

(i) Was or will any technical data from the existing part Original Equipment Manufacturer (OEM) be used?

(ii) If YES and that data was hard copy or electronic, was or will that OEM data marked with, or accompanied by another writing or oral statement that expressed, either a proper restrictive legend such as “Limited Rights,” or with other wording restricting or limited the use of that data, such as “proprietary” or “confidential?”

(iii) If YES and the data were transmitted orally, did the OEM person transmitting the data express any restricted use conditions? If YES, provide your best recollection of what the restrictive conditions were and when & where that communication took place.

2. (e) Patent Questions

(i) Are there any patent numbers indicated on either:

(1) the existing part you are replacing;

(2) any larger subsystem or the overall system in which your replacement component will be installed; or

(3) any technical manual, advertising material or other publication, or verbal indication from the OEM?

If YES, please provide each patent number and indicate where each patent number was found.

(ii) If you know of any other information about potential patents related to either the existing part or the overall system, please provide it. Otherwise, indicate no other patent information is known.

**3.0 New Part Information:** (filled out by requestor for part to be 3D printed and used):

3. (a) New part description:

3. (b) Rationale for new part (especially if not replacing an existing part):

3. (c) Picture or drawing of new part (attach if available):

3. (d) New part features or benefits over and above existing part (doesn’t have to be any):

3. (e) New part design time (hours, minutes, etc.):

3. (f) How was new part designed (scanning, caliper, tape measure, etc.):

3. (g) New part material:

3. (h) Existing analysis or testing on printed part:

3. (i) New part estimated cost:

3. (j) 3D printer used (brand, model, etc.):

3. (k) Fabricator (if not user) training or experience with 3D printing / printer used:

3. (l) Special instructions (if any):

3. (m) Fabrication (print) time (hours, minutes, etc.):

3. (n) 3D printer file name:

3. (o) 3D printer file location in MCSC AM Parts repository:

**STOP**

(Following is to be completed by AMOC)

**4.0 AMOC Tracking Information:**

1. (a) Date AM Approval Request Form received:

1. (b) AMOC tracking number (yyyyddmm\_00x):

1. (c) Responsible MCSC Program Office:

1. (d) Responsible MCSC Program Office POC:

1. (e) Date AM approval Request Form sent to MCSC Program Office POC: