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Maintenance

**LOCAL MANUFACTURE (LM) PROCESSING
PROCEDURES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFD 21-1, Managing Aerospace Equipment Maintenance. It establishes uniform processing control and routing procedures for all requests for local manufacture (LM) of field, non-field manufacture (FM/NON-FM), and non-aeronautical items. It applies to 18th Wing and associate units at Kadena AB. This publication does not apply to the Air National Guard or US Air Force Reserve.

1. References. AFM 23-110, *USAF Supply Manual*, Vol. 2, Part 2, Chapter 11, Paragraph 11.31; PACAFI 23-203, *Combat Oriented Supply Organization Procedures*, Chapter 4; and PACAFI 21-101, *Maintenance Organization and Procedures*, Chapter 3, Paragraph 3.8.

2. General.

2.1. Authorization for LM:

2.1.1. LM requests are automatically approved if Source Maintenance and Recoverability (SMR) codes identifies them as LM and the fabricating activity has the capability to make it. The illustrated Parts Breakdown Technical Order 4-3 is the authority on SMR codes. Additionally, lines which are not stock listed are approved for LM. Procedures are outlined in paragraph **3.** below.

2.1.2. Procurable items:

2.1.2.1. An LM request of procurable lines approved if the line is not available in base supply and is verified as a MICAP condition. Procedures are outlined in paragraph **4.** below.

2.1.2.2. LM of procurable items other than lines (e.g., F-15 flap upstop bracket, etc.) requires approval by the LG/CC or designated representative and by the depot Item Manager. Procedures are outlined in paragraph **5.** below.

2.1.3. The LG/CC or designated representative must approve LM requests for locally designed items.

2.2. Before submitting a request for LM, the requesting activity must determine if item is essential for mission accomplishment, i.e., satisfy Mission Capable condition priority 02 (MICAP) or if the item adversely affects mission capabilities, i.e., priority 03 through 05 (non-MICAP). Flying Squadron Production Superintendent (ProSuper) must notify 18 MXS ProSuper of all MICAP LM requests.

2.3. As a minimum, the requester will hand carry a sample with an AFTO 350, **Repairable Item Processing Tag**, indicating TO, figure, index, and SMR code, along with a Core Automated Maintenance System (CAMS) screen 122. For MICAP conditions, the AFTO 350 tag shall be stamped "MICAP." Additional paper work requirements are outlined in the paragraphs defining procedures.

2.4. Materials Management:

2.4.1. 18 MXS Fabrication Flight will maintain bits and pieces on bench stock for LM of lines coded as LM.

2.4.2. When bits and pieces are not available in bench stock for a MICAP part, requesting flying squadron will order the bit and piece MICAP against the aircraft requiring the part.

2.4.3. For non-MICAP items, materials will be ordered through the Flight Service Center (FSC) LM monitor in accordance with the procedure outline in paragraph 5.

3. Non-Stock Listed Lines and Stock Listed Items with LM SMR Code.

3.1. Requester will hand carry sample, completed AFTO 350 tag, and CAMS screen 122 to fabricating activity.

3.2. Fabricating activity will:

3.2.1. Verify line is non-stock listed or is SMR-coded LM. If AFTO 350 tag indicates MICAP, verify MICAP condition with 18 MXS ProSuper.

3.2.2. Verify availability of all needed bits and pieces in bench stock.

3.2.3. Process request in accordance with priority assigned. Establish estimated completion date with requester and 18 MXS ProSuper.

3.2.4. Notify requester when item is ready for pick-up.

4. Procurable Lines.

4.1. Manufacture of procurable lines (not coded JBD) is restricted to those items which are mission essential. Tube assemblies with SMR codes PA, PB, PE, PG, MD, AF, XA, and XB are procurable items, depot manufactured, salvage, etc.

4.2. Requesters will:

4.2.1. Order the item fill or kill through base supply.

4.2.2. If base supply cannot fill the requisition, obtain a due-out document number from Flying Squadron Support Section (FSSS). Complete an AF Form 2005, **Issue/Turn-In Request**. Provide all pertinent data, i.e., National Stock Number (NSN), part number, technical reference, and Job Control Number (JCN).

4.2.3. Hand carry a copy of the AF Form 2005, technical drawings, prints, sample, CAMS screen 122, and AFTO Form 350 to the fabricating activity.

4.2.4. Fabricating activity will:

4.2.4.1. Verify ability to manufacture the line and availability of all needed bits and pieces in bench stock. If AFTO 350 tag indicates MICAP, verify MICAP condition with 18 MXS Pro-Super.

4.2.4.2. Process request in accordance with priority assigned. Establish estimated completion date with requester and 18 MXS ProSuper.

4.2.4.3. Notify requester when item is ready for pick-up. Release item to the requester and hold the 2005 for the FSC LM monitor.

4.2.5. FSC LM monitor will: Pick up LM paperwork daily and process transactions using post-post procedures.

5. All Other LM Items.

5.1. Requester will:

5.1.1. Coordinate with fabricating activity to determine if they have the capability to manufacture the item. Hand carry the completed Local Manufacture Worksheet (LMW) (**Attachment 1**), any technical drawings, and samples for review. Obtain fabricating activity signature on the LMW.

5.1.2. Obtain written authorization for the LM as defined in paragraph **2.1**.

5.1.3. Obtain a due-out document number and complete an AF Form 2005. Ensure JCN, if applicable, is annotated in card columns 45 through 50 of the AF Form 2005. Additionally, for non-stock listed items, complete a DD Form 1348-6, **DoD Single Line Item Requisition System Document (Manual – Long Form)**.

5.1.4. Hand carry samples, drawings, LMW, AF 2005, DD Form 1348-6 (if required), LM authorization, and CAMS screen 122 to the FSC LM monitor.

5.2. FSC LM monitor will:

5.2.1. Load stock numbers for all non-stock listed requests and appropriate status. Load due-out document numbers for the LM request. Coordinate status and estimated completion date with fabricating activity.

5.2.2. Use local list to monitor supply status of all outstanding supply requisitions.

5.2.2.1. LM monitor will obtain a list of needed materials with corresponding NSNs from fabricating activity and FSC to place materials on order.

5.2.2.2. Process and store all issue requests for bits and pieces required to manufacture end item. Upon receipt of materials, forward the requirement and materials to the fabricating activity.

5.2.2.3. Monthly, reconcile all outstanding requisitions' status with appropriate fabricating activity. Update status, as required, and perform follow up actions when necessary.

5.2.2.4. Monitor LMW request through all phases of processing to include pick up of completed manufactured items. File signed copy two of the DD Form 1348-1, **Issue Release/Receipt Document**, in FSSS boxes in Aircraft Parts Store.

5.3. Fabricating activity will:

- 5.3.1. Process requests in accordance with priority assigned.
- 5.3.2. Provide finished item and total cost to FSC when LM is complete.

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