

15 DECEMBER 2004



Maintenance

**LOCAL MANUFACTURE
PROCESSING PROCEDURES**

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Pages: 5

Distribution: F

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 15th Airlift Wing and associate units at Hickam AFB. This publication does not apply to the Air National Guard or US Air Force Reserve.

1. References: AFMAN 23-110, *USAF Supply Manual*, Vol 2, Part 2, Chapter 11, Paragraph 11.31; PAC-AFI 23-203, *Combat Oriented Supply Organization Procedures*, Chapter 4; T.O. 00-25-195, *AF Technical Order System Source, Maintenance, and Recoverability Coding or Air Force Weapons, Systems and Equipments* and PACAFI 21-101, *Objective Wing Aircraft Maintenance*, Chapter 10, Paragraph 10.18.

2. General.

2.1. Authorization for Local Manufacture (LM).

2.1.1. LM requests are automatically approved if Source Maintenance and Recoverability (SMR) codes identify them as LM and the fabricating activity has the capability to make it. The weapons system illustrated parts breakdown technical order provides the SMR code for all parts. Technical Order 00-25-195, *AF Technical Order System Source, Maintenance, and Recoverability Coding or Air Force Weapons, Systems and Equipments* is the authority on SMR codes. Additionally, lines, which are not stock listed, must follow the LM process. This does not apply to items coded assembled at field level. Procedures are outlined in paragraph **3.** below.

2.1.2. Procurable Hydraulic Tube Assemblies.

2.1.2.1. Manufacture of procurable lines (not having a Supply Routing Identifier Code (RID) of JBD, a supply code identifying an item for local manufacture) is restricted to those items which are mission essential. **Tube assemblies with SMR codes PA, PB, PE, PG, MD, XA**

and XB are procurable items, depot manufactured, salvage, etc. and will be ordered through normal supply channels. Production Control will determine when procurable items require to be LM. For procedures, see paragraph 4.

2.1.2.2. Prior to submitting a request for LM, the requesting activity must determine if the 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).

2.2. Materials Management:

2.2.1. 15 AMXS Fabrication Flight Elements maintain some bits and pieces on bench stock for LM of lines and other items coded as LM.

2.2.2. In the event bits and pieces are not available in bench stock for a MICAP part, the requester will order the required bits and pieces MICAP against the aircraft requiring local manufactured part(s).

2.2.3. For non-MICAP items, materials will be ordered through requesting work center/organization in accordance with the procedure outline in paragraph 5.

3. Non-Stock Listed Lines (NSL) and Stock Listed Items with Local Manufacture (SL-LM) SMR Code:

3.1. These items are considered LM and will be processed as LM items. (See paragraph 4. for procedures). Requester will hand carry sample and/or a manufacture's blue print, completely filled out 350 tag, and local manufacture worksheet (see [Attachment 1](#)) to fabricating activity. For stock listed items coded LM, the requester will order the asset fill or kill. If zero balance locally, then proceed to procure through LM procedures.

3.2. Fabricating Activity will:

3.2.1. Verify line is non-stock listed, coded LM and have been ordered (item must be loaded, ordered and be zero balance locally) or is SMR-coded LM. If AFTO 350 tag indicates MICAP, verify MICAP condition with TA or requester.

3.2.2. Verify availability of all needed bits and pieces. If bits and pieces are not on hand, fabricating element will annotate on LM worksheet to ensure TA or requestor orders required bits and pieces.

3.2.3. Process request in accordance with priority assigned. Establish estimated completion date with TA or requester. **NOTE (For non aircraft LM only): The requester's assigned priority does not necessarily set the priority for the fabricating activity.**

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

4. Procedures.

4.1. For Tube Assemblies Coded as Procurable:

4.1.1. Requester will:

4.1.2. Order the item through base supply.

4.1.3. Once a demand (valid document number is considered proof of demand) has been established with base supply, supply personnel will verify status via the MICAP Asset Sourcing System (MASS). In the event status is not available, supply technicians will contact the applicable depot and/or item manager to inquire status. If the Estimated Delivery Date (EDD) is unacceptable or MICAP communicates the asset should be local manufactured, Production Control will follow the procedures outlined in paragraphs 4.2.2. and 4.2.3. For SL-LM tube assemblies, the asset will be loaded and ordered, Fill or Kill. If zero balance, follow procedures listed in 4.2.

4.2. For Tube Assemblies coded as NSL or SL-LM.

4.2.1. Requester will:

4.2.2. Request LM through CAMS/GUI, supply a Manufacturer's Blueprint or Technical Drawing, a completed AFTO IMT 350, a local manufacture worksheet (see attach) and a sample part (if available) to the fabricating activity. When the fabricating activity signs the LM worksheet, the required paperwork will be taken to Production Control for processing (during Production Control duty hours.) During Production Control non-duty hours, the fabricating activity will retain the LM paperwork until Production Control duty hours, at which time it will be processed. The requester still retains responsibility for ensuring all data is accurate and correcting discrepancies.

4.2.3. Fabricating Activity will:

4.2.3.1. Have fabricating element 7-level verify ability to manufacture tube assembly and availability of bits and pieces, annotate on LM worksheet if bits and pieces require ordering by owning organization/work center, and sign LM worksheet.

4.2.3.2. Upon completion of organization/work center actions, the request will be processed through Production Control and a priority will be assigned. Establish estimated completion date with TA or requester. **NOTE (For non aircraft LM only): The priority assigned by the requester does not necessarily set the priority for the fabricating activity.**

4.2.3.3. Notify requester when item is ready for pick-up. Release item to the requester and ensure individual receiving property signs LM worksheet.

4.2.3.4. Return LM worksheet to Production Control for processing.

4.2.3.5. Production Control will ensure total reconciliation with applicable fabricating activities.

4.3. For procurable assets that do not have a favorable EDD or are deemed LM by item manager, or depot, Production Control personnel must take the following actions:

4.3.1. Follow procedures outlined in paragraph 4.2.2.

4.3.2. Identify and coordinate LM request to 15 AMXS/MXFC for approval, printed name and signature on LM worksheet.

4.3.3. Process receipt and due out release for the LM item in the supply system. Once received, the asset will be returned to stock locally for future use.

5. All Other Local Manufacture Items:

5.1. Requester will:

5.1.1. Complete procedures in paragraph 4.2.2. Obtain fabricating activity 7-level signature on the LM worksheet.

5.1.2. LM of all procurable assets requires approval by the 15 AMXS/CC or designated representative and from the depot item manager.

5.1.3. Obtain a due-out document number and complete an AF IMT 2005. Ensure Job Control Number (JCN), if applicable, is annotated in card columns 45 through 50 of the AF IMT 2005. Additionally, for non-stock listed items, complete a DD Form 1348-6.

5.1.4. Hand carry sample, technical drawings/blueprints, LMW, AF IMT 2005, DD Form 1348-6 (if required), and LM Authorization to Production Control.

5.2. Production Control will:

5.2.1. Load due-out document numbers for the LM request. Coordinate status and estimated completion date with fabricating activity. Production Control will use specific serial #'s 4650 – 4699 for LM requests.

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

5.2.2.1. Process 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.

5.2.2.2. Reconcile all outstanding requisitions' status with appropriate fabricating activity on an "as needed basis." Update status, as required, and perform follow up actions when necessary.

5.2.3. Process receipt and due out release for the LM item in the system. Sign the due out release document and forward it to base supply customer service.

5.3. Fabricating Activity will:

5.3.1. Process requests in accordance with priority assigned. **NOTE (For non aircraft LM only): The requester's assigned priority is not necessarily the priority for the fabricating activity.**

6. Prescribed IMT/Forms: 15AW 60, Local Manufacture Worksheet.

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Attachment 1

SAMPLE OF 15AW 60: LOCAL MANUFACTURE WORKSHEET

LOCAL MANUFACTURE WORKSHEET						
REQUESTING ACTIVITY: PHONE #:		FABRICATING ACTIVITY: PHONE#			Production Control Phone # and POC:	
Stock #:	Requisition #:	Document #		Job Control #:		
Nomenclature:		Part Number:		PRI/UJC: QTY/UI:		
MATERIAL(S) REQUIRED (Blocks below filled in by fabricating activity, only if bits and pieces are required)						
NSN	Part Number	Document Number	Local Stat	QTY/UI	T.O & Figure #	Nomenclature
PRODUCTION CONTROL OFFICIAL:			APPROVED / DISAPPROVED			
FABRICATING ACTIVITY:			APPROVED / DISAPPROVED			
15 AMXS/CC OR DESIGNATED REPRESENTATIVE: (as outlined in AWI 21-118, 4.3)			APPROVED / DISAPPROVED			
FABRICATING ACTIVITY COMPLETION DATE AND TIME:						
REQUESTING ACTIVITY PICK UP DATE AND TIME:						