PROCEDURES FOR ALTERNATIVE TOOL AND TEST EQUIPMENT

1.0 Introduction

1.1 This EPM is cited as EPM 2-05, Issue 3, Revision 0: Procedures For Alternate / Fabricated Tool

2.0 Objective

2.1 To ensure the procedures of alternate / fabricated tools are in line with the MOE requirement.

2.2 To ensure the tools fabricated is acceptable by GAM's quaility system by means of controlling and monitoring.

3.0 Interpretation

3.1 A special tool is a tool that is required to perform specific task in aviation maintenance.

3.2 An alternative tool is the tool that used as a substitute for a specialized tool that is unavailable. The alternative tool is used to perform the same function as original tool.

3.3 Fabricated tool is the tool that been created as the exact copy of the manufacturer existing tool. It is the exact replica of the original tool with the same dimension, material and specification.

4.0 Applicability

4.1 AMO, Procurement and Tool Store

4.2 Technical Service Department

4.3 Quality Assurance Department

5.0 Non-Compliance

5.1 Any person who contravenes any provision in this EPM commits an offence against the EPM and MOE of GAM. As these are the basis of GAM's Part 145 Approval, it denotes an offence against the requirements of CAAM.

5.2 Offenders may be subjected to investigation by the company. On conviction, he or she may be liable to actions as per the legal framework of labour law of Malaysia.

6.0 References and Compliances

6.1 MOE 2.6 Use of Tooling and Equipment by Staff (Including Alternate Tool)

6.2 EPM 2-01 Tool Control

7.0 Documentation

7.1 Alternative Tool and Test Equipment Equivalency Report (ref: GAM/E-081 ~~R2~~)

7.2 Tool Master List (ref: GAM/E-016)

8.0 Procedure

8.1 The requestor shall raised the need to fabricate tools and its part number to Engineering Controller (EC) or Engineer in Charge (EIC).EC/EIC will fill the Alternative Tool and Test Equipment Equivalency Report (ref. GAM/E-081 ~~R2~~).

8.2 EC/EIC will initiate the fabrication process. He must provide the sample of the tool if applicable, to Design Engineer (DE) to produce the drawing.This is basically for reverse engineering process. The sample may be provided by way of loan the tool from other operator.

8.3 Design Engineer produce the engineering drawing with exact dimension, measurement and specification to the sample provided by EC/EIC.

8.4 Design Engineer produce Engineering Order (EO) and submit the EO together with engineering drawing to be verified by EM/DEM.

8.5 The Procurement issue Purchase Order to be sent to vendor for fabrication process.

8.6 Verification and equivalency processs of the finish product must be perform by DE/~~EIC/EC~~ to ensure the specification, material and functionalily of the tool is in satisfactory condition.

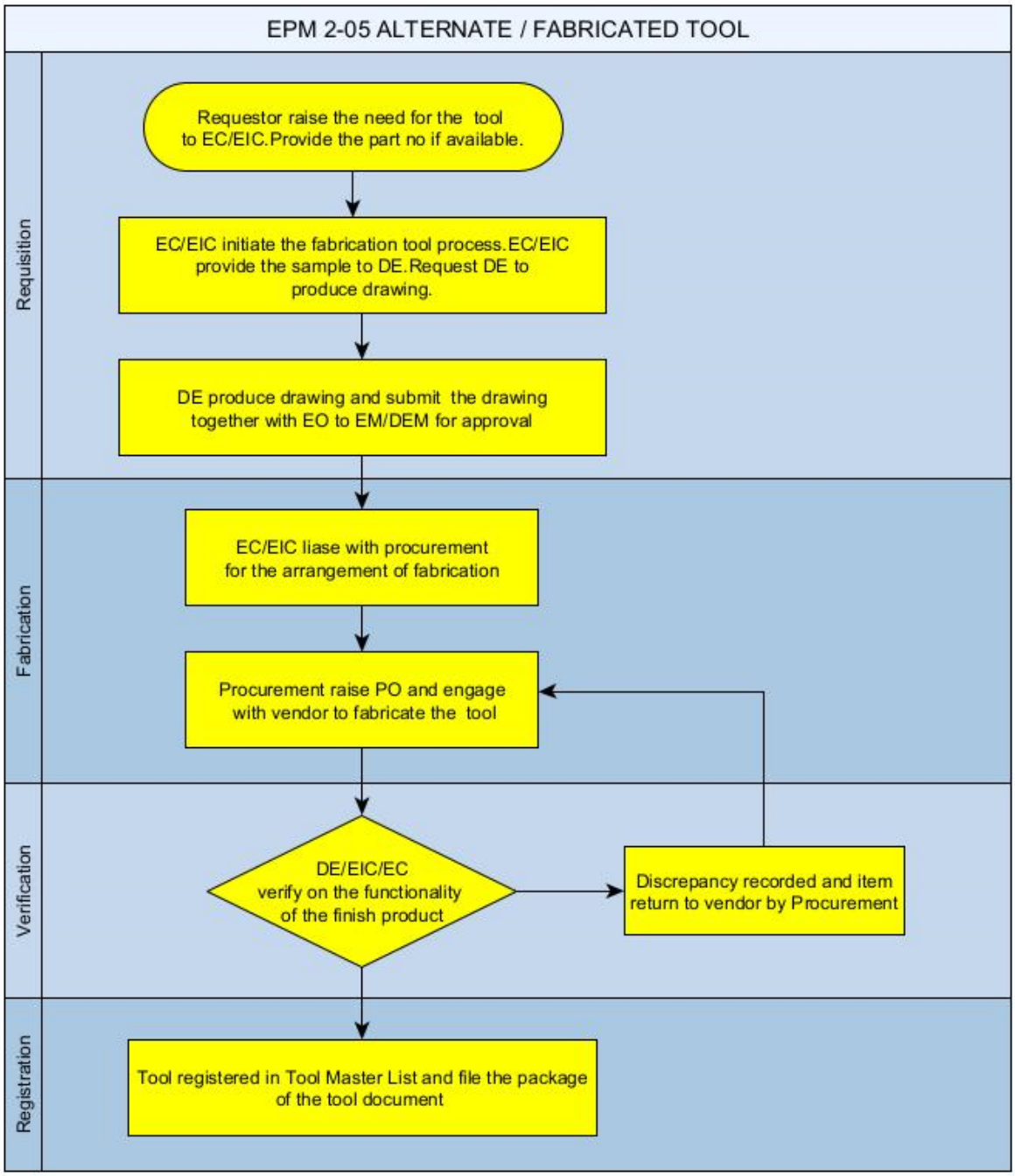
8.7 Once verification and equivalency process done, Design Engineer will made declaration regarding the tool to be used.

8.8 The fabricated tool shall be placed in quarantine area in the tool store until the verification and equivalency process meet all the requirements as per EO and engineering drawing.

8.9 Any discrepancy found shall be recorded and item shall be returned to vendor for repair via procurement.

8.10 The acceptance of the alternate/fabricated tool will be carry out by Tool Store Supervisor as per EPM 2-01 Tool Control.

8.11 The alternate/fabricated tool must be retained in the tool store until it is destroyed.



9.0 Cancellation

This issue cancels EPM 2-05 Issue 2, Rev 4 dated 31 Mar 2023, which should be destroyed.

END