

## AMO MEMO

**To:** Store Personnel  
**From:** Engineering Manager  
**Date:** 21 October 2020  
**Re:** Revised Temperature and Humidity Record requirement for Bonded Store

---

Para 8.2 of EPM 1-08 and Temperature and Humidity Record form GAM/E-026 has been revised to reflect the correct requirement of Storage Facility.

The storage condition shall be maintained mainly to ensure the serviceability of a rubber product throughout its shelf life. This condition is also suitable for other components or materials where the requirement is less stringent.

The record must be made twice daily and a complete record to be achieved for review if required.

Thank you

Syafrul Yamani

## ENGINEERING PROCEDURE MANUAL

### 7.0 Documentation

7.1	Goods in Note (GiN) Register List	(ref: GAM/E-004)
7.3	Serviceable Tag	(ref: GAM/E-005)
7.4	Quarantine Label	(ref: GAM/E-007)
7.5	Shelf Life Expiry Tracking List	(ref: GAM/E-008)
7.6	Unserviceable Label	(ref: GAM/E-006)
7.7	Temperature & Humidity Record	(ref: GAM/E-026)

### 8.0 Storage Facility

- 8.1 Storage facilities for serviceable aircraft components is a clean facility, well ventilated, environmentally controlled room maintained at a constant dry temperature to minimise the effects of condensation.
- 8.2 Ideal temperature is set at 18°C - 24°C and relative humidity is to be maintained not to exceed 75%. In case of temperature or humidity increased beyond the 24°C or 75% mark respectively, storeman shall inform the Engineering Manager for immediate action and the situation should be monitored closely prior to any corrective action or control system rectification. The recording is using Temperature & Humidity Record (ref: GAM/E-026).
- 8.3 Storage recommendation by the manufacturer must be observed indefinitely to ensure parts are remain in a serviceable state.
- 8.4 Personnel movement into and out of storage area is to be strictly limited to avoid unnecessary opening of doors.

### 9.0 General Standard of Storage of Parts / Components

- 9.1 All aircraft parts, wherever practicable, should remain packaged in protective material to minimise damage and corrosion during storage.
- 9.2 Avionics parts, radio, instrument and electrical power system components are particularly prone to damage due to high humidity. During storage, they must be protected by a suitable anti-static wrapping to prevent dust and moisture ingress. All connectors and replaceable are to blanked or capped. Silica gel bags may be used to protect against moisture and inspected at regular intervals for sign of saturation.
- 9.3 Whenever possible use the original sealed transit case or packing, otherwise use polythene bagging with open end folded or loosely stapled.
- 9.4 General parts may be stored in non-metallic containers, cardboard boxes or jars.
- 9.5 'O' rings, seals and packings are to remain in sealed packets. Packing with opened sealed packet is be discarded.
- 9.6 Rubber parts should be stored in their original seal envelopes and should not be exposed to direct daylight or sunlight.

DOCUMENT REFERENCE:	GAM/EPM/ISS.1	DATE:	21 Oct 2020
REVISION:	1	PAGE:	EPM 1-08 2 of 2

## TEMPERATURE & HUMIDITY RECORD

MONTH								
LOCATION		BONDED STORE						
DAY	A.M				P.M			
	TIME	TEMP. (°C)	HUMIDITY (%)	SIGNATURE	TIME	TEMP. (°C)	HUMIDITY (%)	SIGNATURE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

**STORAGE CONTROL STANDARD PARAMETER**

TEMPERATURE TO BE SET BETWEEN 18°C TO 24°C AND RELATIVE HUMIDITY TO BE MAINTAINED NOT TO EXCEED 75%. INDICATE TEMPERATURE OR HUMIDITY BEYOND 24°C OR 75% RESPECTIVELY, ENGINEERING MANAGER SHALL BE INFORMED IMMEDIATELY AND READING SHALL BE MONITORED CLOSELY. EPM 1-08 TO BE REFERRED.

VERIFIED BY STORE AND LOGISTIC MANAGER:

NAME	
DATE	
SIGNATURE	