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ENGINEERING INSTRUCTION		El No. : TEA/AG/20-0001			
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	ORAGE REQUIREMENTS FO			4 <i>T"</i>	

REFERENCE DATA:

A/. SAP Material Master Data B/. EC CAA Document AAC-020

C/. Boeing, BSS 7002

D/. Messier Bugatti, CMM 32-41-54 E/. Intertechnique, CMM 28-25-18

F/. Honeywell, CMM 23-70-44, CMM 31-30-32

G/. AC 00-2 CAA of NZ H/. MIL-HDBK-695E

I/. SAE ARP5316
J/. CAAS LEAFLET 1-8

K/. Goverment of India - CAR Section II -

A/W Series 'S' Part I

APPLICABILITY: All Aircraft

A/C / ENGINE / COMPONENT / EQUIPMENT

P/N: ALL

DISTRIBUTION: TQ, TB, TV, TL, TM, TN, TF, TE, TG

INSTRUCTION:

1. REASON

Instructions for meeting storage requirements for Aeronautical Supplies (Parts / Materials/ Components)
Instruksi untuk memenuhi persyaratan penyimpanan barang-barang kebutuhan pesawat (Part /material/ komponen).

2. DESCRIPTION

2.1 General Storage Condition

Kondisi Umum Ruang Penyimpanan

The storage requirements for aeronautical supplies (parts / materials / components) are important to be complied. In many instances the manufacturer will specify the temperature and relative humidity in which the product should be stored. To ensure that these conditions are maintained within the specified range:

Persyaratan penyimpanan barang-barang kebutuhan pesawat (part/material/komponen) sangat penting dipenuhi. Dalam beberapa hal, pabrik akan menentukan suhu dan kelembaban relatif untuk tempat penyimpanan sebuah produk. Untuk memastikan bahwa kondisi itu terkontrol dalam rentang yang ditentukan, maka:

- 1. Instruments must be used which measure the temperature and relative humidity of the store room. Beberapa peralatan harus digunakan untuk mengukur suhu dan kelembaban relatif ruang penyimpanan.
- 2. Use air conditioner for temperature control and the humidifier or the dehumidifier for Humidity control in storage room.

Gunakan AC untuk mengatur suhu dan gunakan "humldifler or dehumidifier" untuk mengatur kelembaban di ruang penyimpanan .

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2.2 Temperature and Relative Humidity.

Suhu dan Kelembaban Relatif

When required, the temperature and humidity should be checked at regular intervals by means of a hygrometer which measures the amount of humidity in the atmosphere. The wall-type of hygrometer is normally used and consists of wet and dry 'bulbs'; the dry bulb records the actual temperature, and a comparison between this reading and that registered by the wet bulb, when read in conjunction with a tabel, will indicate the percentage of relative humidity present in the atmosphere.

Bila diperlukan, suhu dan kelembaban harus diperiksa secara berkala dengan menggunakan higrometer yang mengukur jumlah kelembaban dalam ruangan. Biasanya digunakan jenis higrometer dinding dan terdiri dari "wet bulb" & "Dry bulb", dry bulb mencatat suhu aktual, dan perbandingan antara suhu yang terbaca dan yang terdapat pada "wet bulb", apabila pembacaannya dibandingkan dengan tabel, akan menunjukkan persentase kelembaban relatif ruangan tersebut.

Temperature and humidity category requirements:

kategori persyaratan suhu dan kelembaban :

Table 1. Temperature category requirement Tabel 1. Kategori persyaratan temperatur

Temperature Range (°C)	
1 – 48	
1 – 37	
16 - 26	
1 – 10	
-15 or less	
-40 or less	
-62 or less	
5 or less	
5 - 26	

Table 2. Humidity category requirement Tabel 2. Kategori persyaratan kelembaban

Category	Humidity Range (°C)
A	Not Specified
В	40 or less
<u>.C</u>	40 - 65
D	65 - 80
E	80 or above

Table 3. Temperature and humidity category requirement Tabel 3. Kategori persvaratan suhu dan kelembaban

reper bi Nategori persyaratan sana dan kelembaban				
Parts/Materials/Components	Temperature Category	Humidity Category		
Rubber Parts and Components Containing Rubber*	С	D		
Gas and Emergency Equipments	С	Α		
Chemicals	Depends on materials, see TDS / MSDS	А		
Avionic Component	(C)	(c)		

^{*}Except Tire

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^{*}Kecuali ban