

SUBJECT: Fire Extinguisher Cartridge Allowable Pressure

Aircraft Type: Eclipse 500

Effectivity: 0001-0300

Applicability: 26-123127-1001 Fire Extinguisher Cartridge

1. SUMMARY:

This letter provides clarification on the acceptable pressure in the 26-123127-1001 Fire Extinguisher Cartridge as a function of temperature.

2. BACKGROUND

Eclipse Aerospace has received several requests to clarify the minimum acceptable pressure in the 26-123127-1001 Fire Extinguisher Cartridge installed by SB 500-26-001. The green colored band on the cartridge pressure gauge covers the acceptable canister pressure at a specific temperature. However, the acceptable canister pressure changes with temperature and the existing chart does not cover the range of temperatures the aircraft would normally be subject to in a ramp or hanger environment.

Page 4-5 of Revision 4 of the 06-122204 AFM contains a minimum canister pressure chart with a narrow temperature range. The fire extinguisher cartridge - inspection/check task in AMM-26-20-00-021-B-801 does not contain a minimum canister pressure chart.

3. ECLIPSE ACTION

Eclipse is releasing temporary revisions to the pertinent AFM and AMM sections that include a more detailed acceptable canister pressure chart with a wide temperature compensation range.

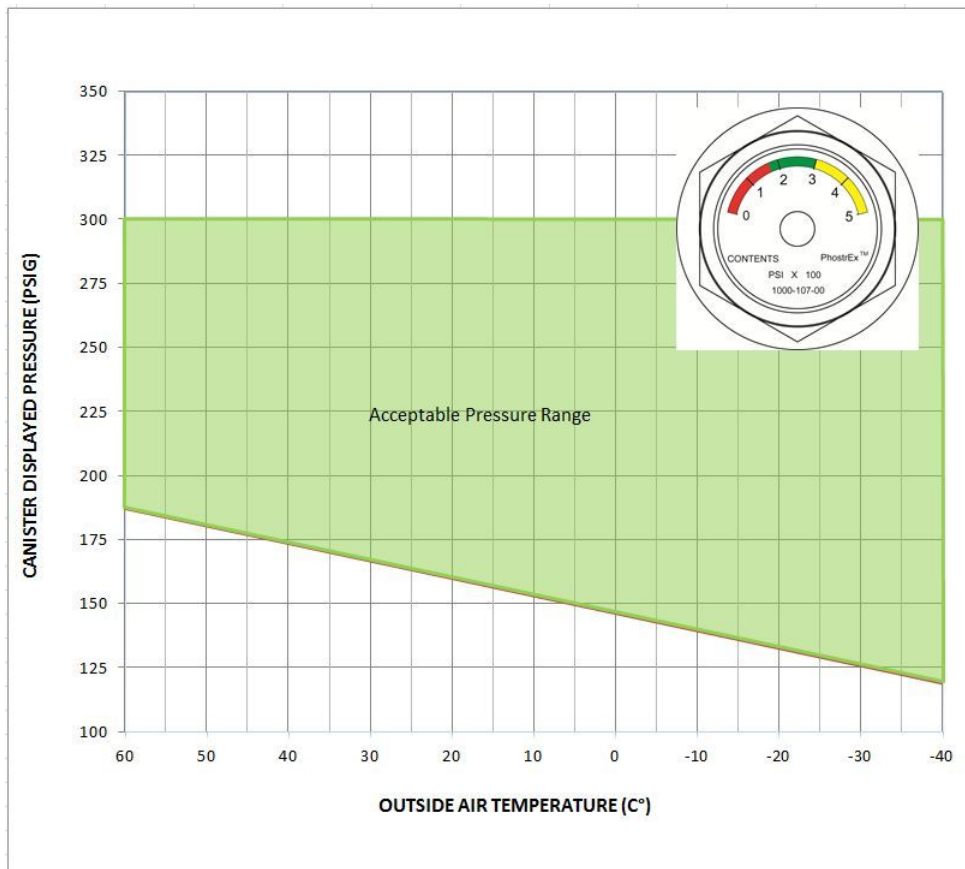
4. Suggested Operator Action

Incorporate the temporary revisions when they are released.

5. ACCEPTABLE CANISTER PRESSURE CHART

Figure 1 is the acceptable canister pressure chart that will be incorporated in the in the AMM and AFM temporary revision.

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**Acceptable Canister Pressure
Figure 1**

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