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PALL Aerospace *PUREair* Barrier Filter Element

1. Purpose and Scope

1.1 This document provides guidance on disposal and recycling of the component parts within Pall ***PUREair*** barrier filter on completion of the serviceable life.

1.2 This document, when read in conjunction with the relevant component maintenance manuals (CMM) for the unit, provides unit material guidance and disassembly procedures.

2. Tools Required

Tools included in a standard aircraft maintenance tool kit plus those listed within the relevant CMM/AMM will be necessary to accomplish this task.

3. Disassembly Method

3.1 Remove the Barrier Filter from the aircraft in accordance with relevant AMM instructions.

This will include, electrical bonding connections and mounting arrangements, (if relevant).

3.2 Dispose of components in accordance with the materials of construction and hazard classification of the contaminants present.

3.3 Before disposal, it may be required to clean the filter, to remove any contaminants that cannot be disposed of. Refer to cleaning section within the CMM for cleaning instructions.

NOTE: The ***PUREair*** barrier filter is an epoxy resin bonded or riveted construction that cannot be disassembled.

4. Materials of Construction and Disposition Guidance: *PUREair* Barrier Filter

The assembly shown in Figures 1 is an illustrative example only.

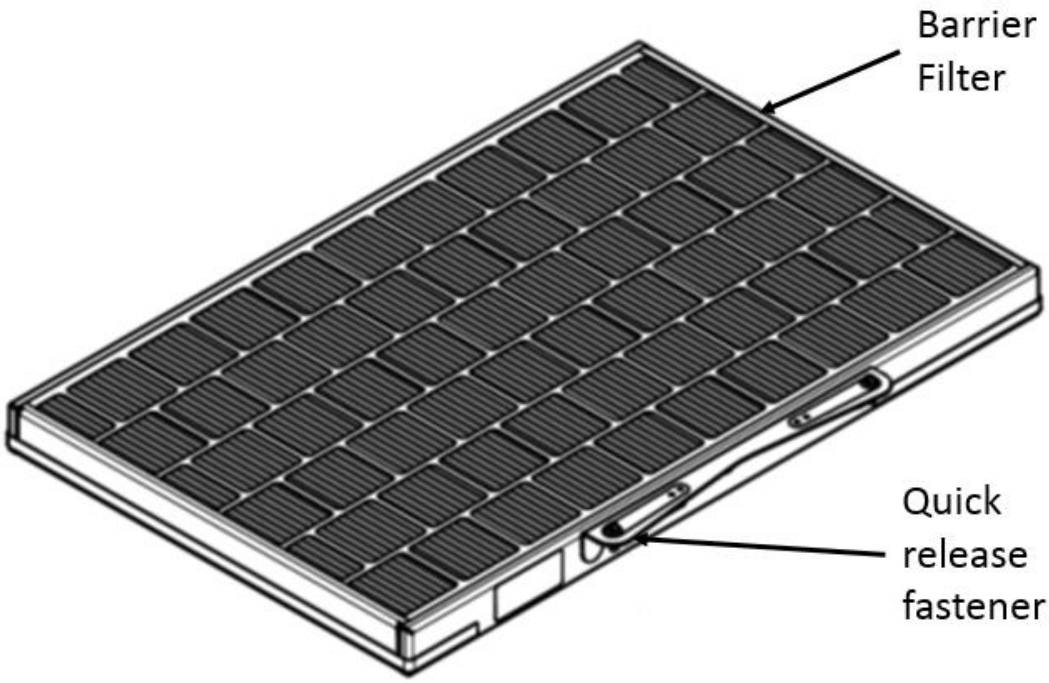
The barrier filter is shown as an example, however the actual assembly may have a housing that may be machined, sheet metal, or of composite construction.

The equipment in your system will be a variant of the example shown.

4.1 ***PUREair*** Barrier Filter – see Figure 1

- This shows a barrier filter (represented as an example unit) to show typical locations.

- Table A provides a generic list of materials and disposition guidance for the Barrier Filter components.



View of typical Barrier Filter

Figure 1

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Filter Assembly (Figure 1)		
Components	**Material Type or Information (options that may be included)**	**Disposition Information**
Barrier Filter	Anodised Aluminium Alloy, Stainless Steel, Synthetic fibre (Media), Cadmium plated steel, Neoprene, Electrical Bonding Compound, Epoxy resin, Chromate Conversion Compound, Glass Reinforced Plastic, Carbon Fibre Reinforced Plastic.	Metallic components can generally be recycled unless permanently contaminated or coated. Disposition should reflect the materials of construction and any contaminants present as the result of use. Dispose of in line with local and national legislation and guidelines.
Mechanical fastener	Cadmium plated Stainless Steel, Black chromium coated steel.	
Note: Obtain copies of Material Safety Data Sheets to allow decision on disposal instructions as appropriate for review in accordance with local Environmental, Health and Safety procedures.		

Materials of Construction and Disposition guidance for typical Barrier Filter

Table A