



Document Number	PADI 007
Revision Number	1
Date	22 nd March 2018

PALL Aerospace Single Vortex Tube

1. Purpose and Scope

- 1.1 This document provides guidance on disposal and recycling of the Pall Aerospace Single Vortex Tube 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 and AMM (aircraft maintenance manual) will be necessary to accomplish this task.

3. Disassembly Method

- 3.1 Isolate and remove the Single Vortex Tube from the aircraft in accordance with relevant AMM instructions.

This will include isolation of unit from air supply, water drain, 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.

4. Materials of Construction and Disposition Guidance: Single Vortex Tube

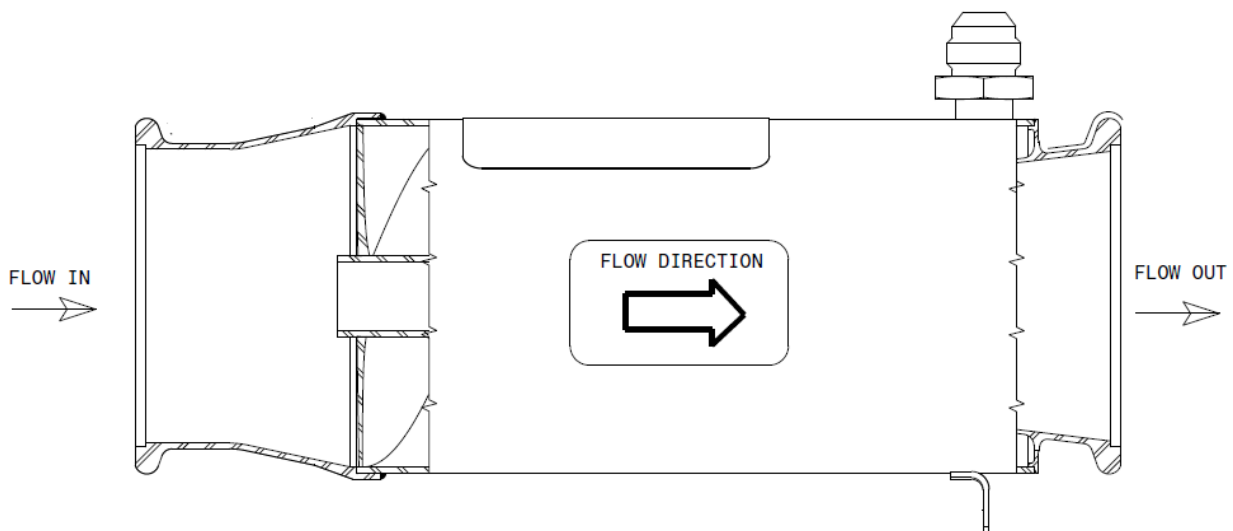
The assembly shown in Figures 1 is an illustrative example only.

The Single Vortex Tube is shown as an example, however the actual assembly may have a profile that differs from the shown example.

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

4.1 Single Vortex Tube – see Figure 1

- This shows a Single Vortex Tube (represented as an example unit) to show typical shape.
- Table A provides a generic list of materials and disposition guidance for the Single Vortex Tube Filter components.



View of typical Single Vortex Tube

Figure 1

Filter Assembly (Figure 1)		
Components	Material Type or Information (options that may be included)	Disposition Information
Single Vortex Tube	Anodised Aluminium Alloy, Stainless Steel	<p>Metallic components can generally be recycled unless permanently contaminated or coated.</p> <p>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.</p>
<p>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.</p>		

Materials of Construction and Disposition guidance for typical Single Vortex Tube

Table A