

LINDSTRAND HOT AIR BALLOONS LTD

SERVICE INSTRUCTION NO. 3

Issue 1, Dated 25 September 2008

Title: Lubrication of Blast Valve Seals
Classification: Advisory
Applicability: All Lindstrand Burners
Effectivity: All Serial Numbers
Compliance Standard: Achieve Inspection at Bi-Monthly Intervals

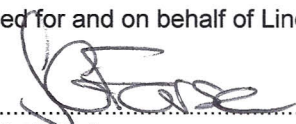
Background

It has been noted that a lack of lubrication of the seals in the blast valve assembly for both the main burner and the liquid fire valves contributes to accelerated seal degradation and eventually seal failure. The Maintenance Manual instructions include the procedures for lubricating the valve (see Section 5.4.2). This Service Instruction provides information on detecting a lack of lubricant.

Inspection Instructions

With no fuel in the burner, operate each of the main blast valves and liquid fire valves. Listen for any squeaking noises and notice if there is any stiffness or excessive friction in the motion of the handle. With the valve handle open push the end of the handle to initiate the valve closing. Once the handle has moved past the "stay open" cam point, the valve should snap shut in a positive manner.

If there is any resistance to motion or squeaking noises arising from this inspection then the valves should be lubricated in accordance with the Maintenance Manual instructions.

Compiled By:			Notes:
Date:	30/9/08	Name:	ALSDAIR RITCHIE
6. Design Organisation Approval			
Approval Statement			
I hereby confirm that these instructions are in compliance with all the applicable airworthiness requirements. The technical content of this document is approved under the authority of DOA nr. EASA.21J.175.			
Signed for and on behalf of Lindstrand Hot Air Balloons Ltd			
			
Head of Design			
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