

LINDSTRAND BALLOONS LTD

SERVICE BULLETIN NO. 8

ISSUE 1 – DATED 05.09.03

- Title: PRE-MADE $\frac{3}{8}$ " BORE FUEL HOSE FAILURES
- Classification: This Service Bulletin has been classified as required.
- Applicability: All pre-made Lindstrand supplied $\frac{3}{8}$ " bore hoses, supplied after 2 May 2002, which have been manufactured from hose batch numbers FHL 42036, FHL 43263 and FHL 43342.
- Serial Numbers Affected: See attached list.
- Compliance Standard: Affected hoses to be replaced before next flight from receipt of this Service Bulletin.
- Background: Further investigations into the causes of failure of the fuel hoses identified under Service Bulletin No. 7 have now revealed that finished hose assemblies which have been fitted to burners have been manufactured from identical material as used in the previously identified hose batches. Consequently, these hose assemblies are to be replaced, since there is a high likelihood of the hoses failing in a similar manner.
- The failure will be observed by liquid fuel escaping from the hose through the pin-pricking on the outer surface. The rate of leakage observed can vary between the creation of small bubbles when leak detection fluid is used on the surface, up to visible jets of liquid propane.

Accomplishment Instructions:

Inspection

All burner fuel supply hoses and refuelling hoses identified within the attached list must be inspected as follows:

1. Look at the hose identification label, which is normally located close to one end of the hose. It is a white label which is sealed under a clear protective coating and contains three identification codes. The bottom number is the batch identification number. If this number is either FHL 42036, FHL 43263 or FHL 43342, then these hoses must be replaced before further

flight operations, following the instructions contained within Lindstrand Balloons Ltd Maintenance Manual, Section 4.4.3.

2. All clients who we have identified as receiving equipment containing defective hoses are listed on the accompanying Appendix A. Replacement hoses and sealing washers have been despatched to these clients, to permit the above replacement to be achieved as quickly as possible. Once the hoses are replaced, complete the attached acknowledgement form and return to Lindstrands. Alternatively, you can e-mail your confirmation to Kevin@lindstrand.co.uk, identifying type of installation (burner or refuelling), burner serial number if appropriate, number of units changed and date of change.
3. If during inspection, hose assemblies are found with the affected batch numbers, but the product is not identified within Appendix A, please contact the factory urgently for replacement components and remove the affected equipment from service.
4. All defective hoses removed from service must be disposed of, so that their further use as propane supply hoses is not possible.

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ACKNOWLEDGEMENT FORM

Client Name:		
Equipment Ser.No.:		
Type of Installation:	Burner	Refuelling
	Delete as appropriate	
Number of Hoses Replaced:		
Date of Replacement:		

I can confirm that I have removed the defective hoses, identified within Service Bulletin No. 8, from the above equipment and have disposed of these hoses to prevent their further use.

Signed:

Date:

APPENDIX A

Hose Type	Batch No.	Equipment Ser.No.	Client Name	Country
Burner	FHL 42036	BU789 Dbl	Ad Ballon	Holland
Burner	FHL 42036		Ad Ballon	Holland
Burner	FHL 42036	BU796 S/S	Alois Geudon GmbH	Germany
Burner	FHL 42036	BU787 Tri	Bernard Endsjö	Spain
Burner	FHL 42036	BU798 Dbl	Stefano Travaglia	Italy
Burner	FHL 42036	BU800 Dbl	LBL USA	USA
Burner	FHL 42036	BU801 Dbl	LBL USA	USA
Burner	FHL 42036	BU794	Jacques Bernardin	France
Burner	FHL 42036	BU795	Jacques Bernardin	France
Burner	FHL 42036	BU793	Jacques Bernardin	France
Burner	FHL 42036	BU785 Dbl	Jacques Bernardin	France
Refuelling	FHL 42036		Jan Frazer	UK
Refuelling	FHL 42036		Robert Carrel	UK
Burner	FHL 43263	BU804 Dbl	Tom Abe	Japan
Burner	FHL 43263	BU802 Dbl	Tom Abe	Japan
Burner	FHL 43263	BU818 Dbl	Tom Abe	Japan
Burner	FHL 43263	BU809 S/S	Tom Abe	Japan
Burner	FHL 43263	BU819 Dbl	Tom Abe	Japan
Burner	FHL 43263	BU838 Dbl	Tom Abe	Japan
Burner	FHL 43263	BU814 Dbl	Geoff Down	UK
Burner	FHL 43263	BU839 Dbl	Alois Geudon GmbH	Germany
Burner	FHL 43263	BU754 S/S	Pieter Kooistra	Holland
Burner	FHL 43263	BU812 Dbl	Pieter Kooistra	Holland
Burner	FHL 43342	BU806 S/S	LBL USA	USA
Burner	FHL 43342	BU805 S/S	LBL USA	USA
Burner	FHL 43342	BU803	LBL USA	USA
Burner	FHL 43263	BU808	LBL USA	USA
Burner	FHL 43263	BU820	LBL USA	USA
Burner	FHL 43263	BU821	LBL USA	USA
Burner	FHL 43263	BU807 Dbl	Ad Ballon	Holland
Burner	FHL 43263	BU826 Dbl	Ad Ballon	Holland
Burner	FHL 43263	BU810 Dbl	Jacques Bernardin	France
Refuelling	FHL 43263	138	Rob Henderson	Hong Kong
Refuelling	FHL 43263	140	Dougie Cook	UK
Burner	FHL 43263	BU781 Dbl	Lowie Vanluffelen	Belgium