



SERVICE BULLETIN #127

Date: 7-25-90

Subject:

It has been discovered that the service history of AFT Rally Load Fitting suspension cables is less than desirable. The proximity of the balloon burner to the suspension cables causes degradation of the outer covering of the AFT. This results in stiffening and "flaking" off of the cover, exposing the Kevlar beneath to the elements. Without the protection of the cover, the Kevlar will age more rapidly and lose its strength.

Applicability:

This service bulletin applies to all Aerostar hot air balloons which are equipped with AFT Rally-Load-Fitting suspension cables. The Rally-Load-Fitting is identifiable as being equipped with a single burner and single frame with all suspension cables attached.

Corrective Action/Procedure:

This operation must be performed by a repair station, and must be performed on or before the next annual/100 hour inspection. A log-book entry must be made to show compliance with this service bulletin.

Each AFT cable of the suspension must be replaced with a stainless-steel cable supplied from Aerostar. With "Forgecraft" fittings, this is accomplished by removing and replacing the cable in the upper and lower rapid-links. When re-installed, the links must be tightened wrench tight, very snugly. With "Web-Davis" envelope fittings the cable is replaced by removing and replacing the short AN4-3 bolt at the envelope fitting and the rapid-link at the lower load frame. AN4-3 bolts should be torqued to 35-45 in-lbs.

All replaced components must be returned to Aerostar to the attention of "Customer Service" along with the enclosed "Owner Corrective Action" card.



Service Bulletin #127
Rally AFT's

System	Description	Original AFT P/N	Equivalent Stainless P/N
S-50A/S-52A	Forgecraft A1-A2	52307-11	52307-15
S-50A/S-52A	Forgecraft B1-B2	52307-12	52307-16
S-55A/S-57A/S-60A	Forgecraft A1-A2	52307-21	52307-25
S-55A/S-57A/S-60A	Forgecraft B1-B2	52307-22	52307-26
RX-6/RX-7	Forgecraft A1-A2	52307-51	52307-55
RX-6/RX-7	Forgecraft B1-B2	52307-52	52307-56
RX-6/RX-7	Forgecraft C1-C2	52307-53	52307-57
RX-8	Forgecraft A1-A2	52307-71	52307-75
RX-8	Forgecraft B1-B2	52307-72	52307-76
RX-8	Forgecraft C1-C2	52307-73	52307-77
RX-8	Forgecraft D1	52307-74	52307-78
S-50A/S-52A	Web-Davis A1-A2	52307-111	52307-151
S-50A/S-52A	Web-Davis B1-B2	52307-121	52307-161
S-55A/S-57A/S-60A	Web-Davis A1-A2	52307-211	52307-251
S-55A/S-57A/S-60A	Web-Davis B1-B2	52307-221	52307-261