

# SERVICE LETTER

## PITTS SPECIAL

DATE: March 1993

SERVICE LETTER - No. 10

SUBJECT: Brake Line Inspection

MODELS AFFECTED: All Pitts Special Aircraft

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All pilots should be aware of the need for an adequate and thorough pre-flight inspection. Among the many items specified in the Pitts Owners Manual Maintenance Schedule to be inspected are the brake units for condition and signs of leakage. It goes without saying that part of the condition inspection should include the aluminum brake fluid supply lines for nicks, kinks, cracks or interference with the sheet metal gear fairings.

It has come to our attention that in some cases line interference has existed and has gone unnoticed by the pilot until such a time as the resultant chaffing of the line makes replacement mandatory.

Among other contributors, this interference can be caused by incorrect positioning of the brake line after brake assembly maintenance or flexing and movement of the thin gauge sheet metal fairings. If an interference condition is found, appropriate preventative maintenance should be done to correct the condition. This could include a slight reforming of the line or light trimming of the fairing panels to increase clearance.

It is the intent and function of pre-flight inspections to insure that the aircraft is airworthy and to detect and correct conditions which, if otherwise neglected, could lead to increased maintenance costs or further damage.