



**ENSTROM HELICOPTER CORPORATION**

**2209 22ND STREET, P.O. BOX 490, MENOMINEE, MICHIGAN 49858-0490 USA**

## **SERVICE DIRECTIVE BULLETIN**

SERVICE NOTE NO. 0022

Date: October 16, 1974  
Subject: Backfire Damage to Inlet Air System  
Model: F-28A & 280  
Effectivity: All Serial Numbers  
Compliance: As Noted

We have a report of separation of the inlet air duct from the clamped attachment on the air box. The separation is believed to have been caused at start-up by engine backfire. Since the engine is equipped with a fuel injection system, a backfire is uncommon but under certain conditions can occur. Once the inlet air duct is separated from the air box, total or partial obstruction is apt to occur resulting in loss of power.

If a backfire is encountered at engine start-up, it is mandatory to inspect security and condition of the inlet ducting prior to flight operations. It is also recommended that immediate inspection of the duct attachments be accomplished for security and at normal 50-hour inspection intervals thereafter.