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S.I.L. NO. 00-560-07

## SERVICE INFORMATION LETTER

FROM: JetProp LLC

21 Dec 2000

SUBJECT: Standby Vacuum System

TO: All JetProp DLX Conversion Owners (STC ST00541SE)

The stand-by vacuum system that exists on all JetPROP conversions was tested in the first JetPROP and found adequate by the FAA. The original JetPROP, however, was not equipped with co-pilot instruments. As a result, that aircraft had only one vacuum powered instrument (the attitude indicator), making the demand on the stand-by vacuum system minimal.

Most of the newer Malibu and Mirage fleets are equipped with copilot instruments which adds at least one other vacuum powered attitude indicator, and in some cases a vacuum powered directional gyro. As part of our ongoing process of refining the JetPROP, we recently tested the stand-by vacuum system using an aircraft equipped with three vacuum powered instruments.

Our test concluded that, although the system is adequate to power a one vacuum instrument system, it is marginal on a two vacuum instrument system and inadequate on a three vacuum instrument system.

JetPROP, LLC is now designing a new stand-by vacuum ejector system. This upgrade is being tested and hopefully will be ready to ship to all JetPROP owners soon after the first of the new year.

Effective immediately, any JetPROP with a three vacuum instrument system should consider their stand-by vacuum system inoperative.

Sincerely,

Darwin C. Conrad  
President  
JetPROP, LLC