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## SERVICE BULLETIN

PN: 7727  
DATE: 06-14-04

**TO:** Owners/Operators of New Piper Series PA32 A/C with System 55X Autopilot installed  
**FROM:** Vice-President of Programs and Customer Support

### 1. PLANNING INFORMATION

#### A. EFFECTIVITY

All New Piper Series PA32 A/C with S-TEC Programmer/Computer PN 01192-0-47 or 01192-0-47T installed

#### B. CONCURRENT REQUIREMENTS

NA

#### C. REASON

There have been reported instances of the autopilot inducing a pitch porpoise when the Altitude Hold (ALT) mode is engaged at altitudes above 13,000 ft. This porpoise is not prevalent when the Vertical Speed (VS) mode is engaged.

#### D. DESCRIPTION

Programmer/Computer PN 01192-0-47 or 01192-0-47T shall be removed from A/C, and then returned to MEGGITT S-TEC for upgrade. All returned Programmer/Computers shall be upgraded to PN 01192-12-68TF, and then sent back to the field for re-installation. Upon completion of re-installation, placard 56500-1 required by Service Bulletin SB 04-001, dated 03-24-04, must be removed from cockpit. New Piper Aircraft Company is authorized to use available stock and rotate serial numbers to accomplish the intent of this Service Bulletin.

#### E. COMPLIANCE

Optional

#### F. APPROVAL

FAA/DER

#### G. MANPOWER

Accomplishment of this Service Bulletin must be completed only by an authorized MEGGITT S-TEC dealer, or the New Piper Aircraft Company Service Center. One man-hour will be approved for removal and re-installation of Programmer/Computer.

#### H. WEIGHT AND BALANCE

NA

#### I. ELECTRICAL LOAD DATA

NA

#### J. REFERENCES

Service Bulletin SB 04-001, dated 03-24-04

#### K. OTHER PUBLICATIONS EFFECTED

NA

Sys 55X

**SB 04-002R1**

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Sys 55X

**SB 04-002R1**

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