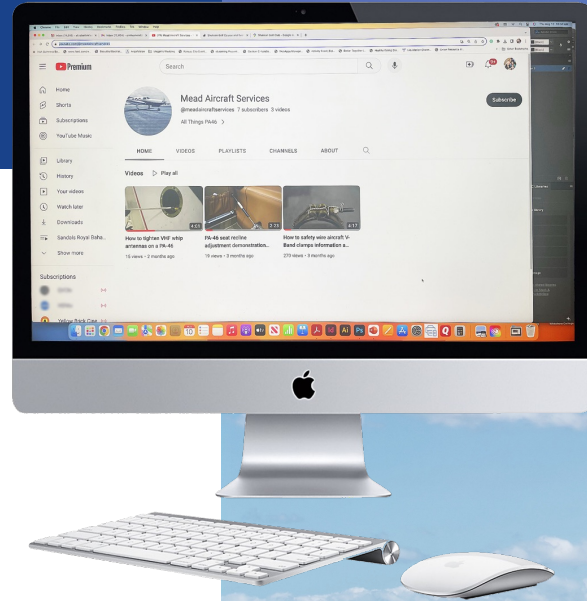


## Mead Aircraft Announces a NEW Resource: Training Videos

**We are producing a series of videos that will help our clients solve common maintenance problems and installations.**

*Our goal* is to build a library of useful videos that are not available anywhere currently! We hope they will fill a gap in need for owners and mechanics, and to help educate all those who are interested in the workings of M-Class Aircraft.

You can access these links now through our website on the MAS Video Library Page: [MeadAircraftServices.com](https://meadaircraftservices.com) or directly on YouTube: [www.youtube.com/@meadaircraftservices](https://www.youtube.com/@meadaircraftservices)



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## Piston Engine Maintenance

MMOPA Colorado Springs  
September 2, 2023



**Kevin Mead** - Owner & Chief Mechanic at Mead Aircraft Services

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## This Year's Winners – “Unfortunate Choices”



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## 1. Service Letters & Bulletins

- Piper SL1286D Nose Gear Inspection
- Piper SL 1315 Elevator Trim Tab Rods

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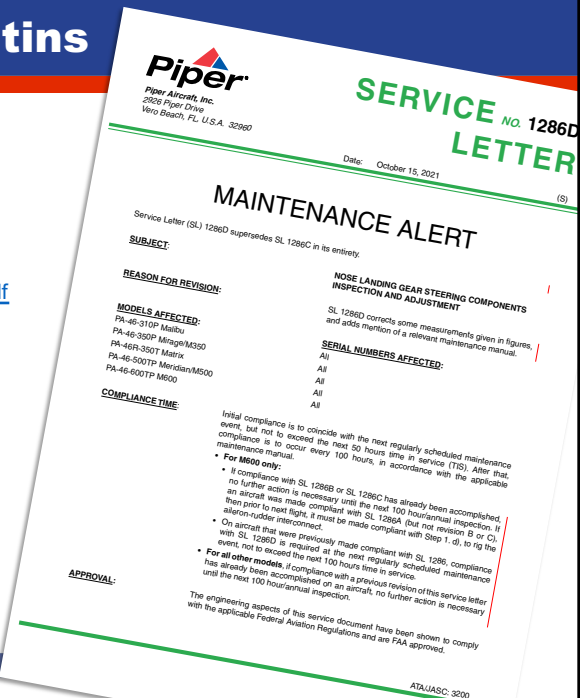
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## 1. Service Letters & Bulletins

- **Piper SL 1286D Nose Gear Inspection**
- Find this and other Service Letters and Bulletins at [www.Piper.com](http://www.Piper.com)
- Find Service Letter 1286D at: [https://s3.amazonaws.com/pipercrm/Solution/20753/SL\\_1286D.pdf](https://s3.amazonaws.com/pipercrm/Solution/20753/SL_1286D.pdf)
  - Highlights of this Service Letter:
    - ✓ Nose Gear Rake Angle
    - ✓ Nose Steering Roller Clearance
    - ✓ Nose Tire Pressure
- **Piper SL 1315 Elevator Trim Tab Rods**
- Find Service Letter 1315 at: [https://s3.amazonaws.com/pipercrm/Solution/20887/SL\\_1315.pdf](https://s3.amazonaws.com/pipercrm/Solution/20887/SL_1315.pdf)

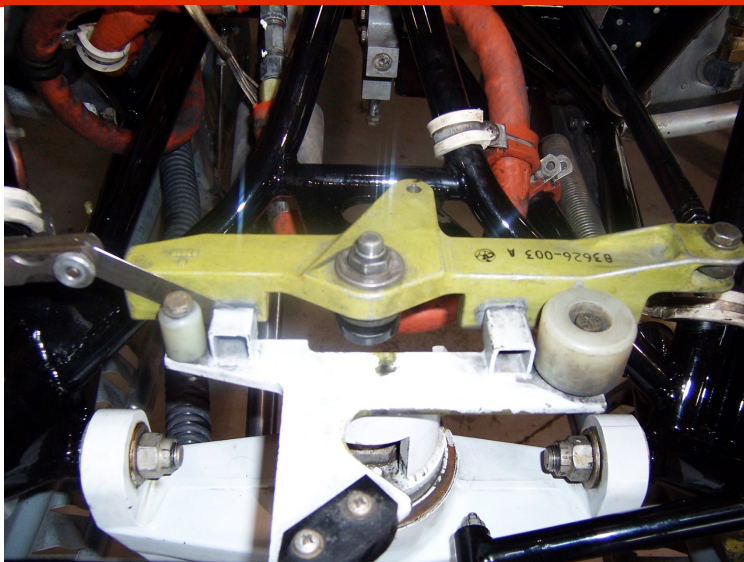
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## 2. Nose Steering Roller Clearance



PA 46 Nose Strut

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### 3. AD 2023 -09-09 Turbo Tailpipe Clamps



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### 3. AD 2023 -09-09 Turbo Tailpipe Clamps

Continental Models Only:

**Replace spot-welded clamps every 500 hours.**

***IF*** clamps are not available, in lieu of replacement, inspect turbo tail pipe clamps every 6 months or 100 hours which ever is first for up to 2 years. [*Effective date July 17, 2023*]

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### 3. AD 2023 -09-09 Turbo Tailpipe Clamps

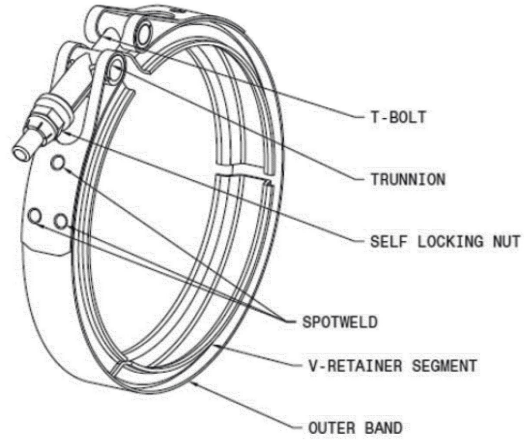


Figure A

Spot-welded, multi-segment exhaust tailpipe v-band coupling

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### 3. AD 2023 -09-09 Turbo Tailpipe Clamps

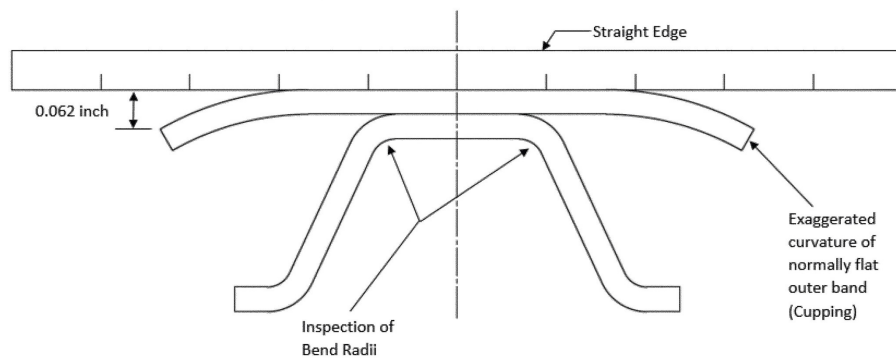


Figure 1 to paragraph (l)(1)(iii) – Inspection Depiction

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### 3. AD 2023 -09-09 Turbo Tailpipe Clamps

#### AD 2010-13-07:

On Lycomings where the spot-welded clamps have been replaced with riveted style clamps, no action is required.

#### Piper SB884 Lock Wire V-Band Clamps:

Prevents separation of clamp if the T-Bolt breaks.

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### 4. Cylinder Woes



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## 5. Common Problems



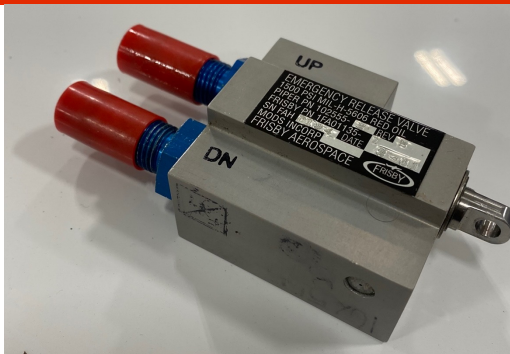
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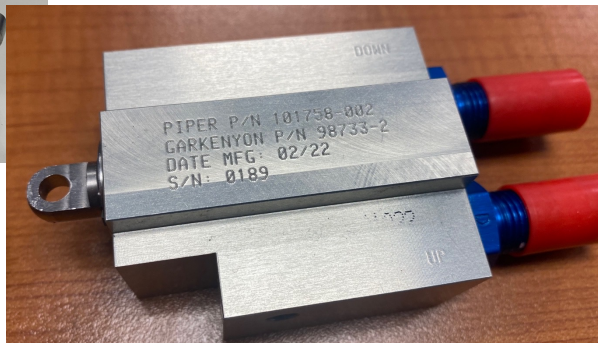
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## 6. Hydraulic and Landing Gear Systems



Frisbee/Triumph  
Emergency  
Release Valve

Gar-Kenyon  
Replacement



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## 7. Nose Gear Actuator Bolts



**Jet Prop and Malibu  
Nose Gear Actuator  
Attach Bolt**

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## 8. Nose Steering



**Nose Steering Travel**

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## 8. Nose Steering



Nose Gear Travel Up

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## Questions & Answers



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SAFETY SEMINAR | SANTA ROSA | MAY 7, 2023



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**Kevin@MeadKC.com**

**1-888-912-MEAD**

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