



Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL, U.S.A. 32960

SERVICE NO. 1329A LETTER

Date: August 6, 2026

(S)

Service Letter (SL) 1329A supersedes SL 1329 in its entirety. Aircraft that were previously made compliant with SL 1329 are in compliance with SL 1329A.

SUBJECT:

NOSE GEAR TOWING TURN LIMIT IMPROVEMENT

REASON FOR REVISION:

SL 1329A adds additional aircraft models and revises the Subject, Purpose, Compliance Time, and Instructions for improved clarity.

MODELS AFFECTED:

PA-46-310P Malibu
PA-46-350P Malibu Mirage / M350
PA-46-500TP Malibu Meridian / M500
PA-46-600TP M600
PA-46R-350T Malibu Matrix

SERIAL NUMBERS AFFECTED:

46-8408001 thru 46-8608067, 4608001 thru 4608140
4622001 thru 4636872
4697001 thru 4697727
4698001 thru 4698291
4692001 thru 4692214

COMPLIANCE TIME:

Upon owner/operator discretion or upon condition.

APPROVAL:

The content of this service document has been reviewed and determined to be in accordance with applicable Federal Aviation Regulations.

PURPOSE:

To announce the availability of a new turn limit indicator decal and position indicator fitting which increases the RH towing turn limit (and LH towing turn limit on PA-46-600TP aircraft) and improves visibility of the position indicator. See the table below for improved towing turn limits.

Aircraft Model	Original Towing Turn Limits	Improved Towing Turn Limits
PA-46-310P Malibu	RH 26° / LH 26°	RH 30° / LH 26°
PA-46-350P Mirage/M350	RH 26° / LH 26°	RH 30° / LH 26°
PA-46-500TP Meridian/M500	RH 26° / LH 26°	RH 30° / LH 26°
PA-46-600TP M600	RH 20° / LH 20°	RH 30° / LH 26°
PA-46R-350T Matrix	RH 26° / LH 26°	RH 30° / LH 26°

ATA/JASC: 1100

(OVER)

INSTRUCTIONS:

NOTE: For PA-46-600TP S/N's 4698004 thru 4698035, a single nose gear landing light may be installed that could interfere with the new position indicator fitting. Installation of Piper Kit - M600 - Main Landing Gear Lights, Piper Part Number (P/N) 88601-002 is required for these aircraft. See Service Spares Letter (SSL) 480 for instructions.

1. For PA-46-600TP S/N's 4698004 thru 4698035, verify that SSL 480 - Landing Light Relocation Kit has been complied with before proceeding.
2. Locate the nose landing gear (NLG) torque link assembly as shown in Figure 1.
3. Remove the fastener hardware (bolt, washers, nut, cotter pin, etc.) that secure the upper torque link to the strut assembly. Note the number and order of the installation hardware. Replace installation hardware on condition. Refer to the appropriate airplane parts catalog for replacement part numbers.
4. Install the position indicator fitting, Piper P/N 46G110030-701, to the NLG between the bolt holes in the strut assembly as shown in Figure 1. Secure the fitting and upper torque link to the strut assembly with the retained installation hardware. Tighten the nut as necessary to eliminate side play in the connection, yet still free enough for the torque link to rotate.

NOTE: Ensure that the bushings are installed into the trunnion assembly prior to installation.

5. Install the turn limit indicator decal, Piper P/N 46G110029-701 as shown in Figure 1.

NOTE: If installation of a foreign language placard is required, contact Piper Customer Service for applicable Piper P/N's, at (+1) 772-299-2141 or CustomerService@piper.com. Piper's normal business hours are Monday through Friday 7:30 a.m. to 4:30 p.m. (Eastern Standard Time).

NOTE: The turn limit indicator decal has a clear plastic environmental overlay that extends 0.25 inch on all sides.

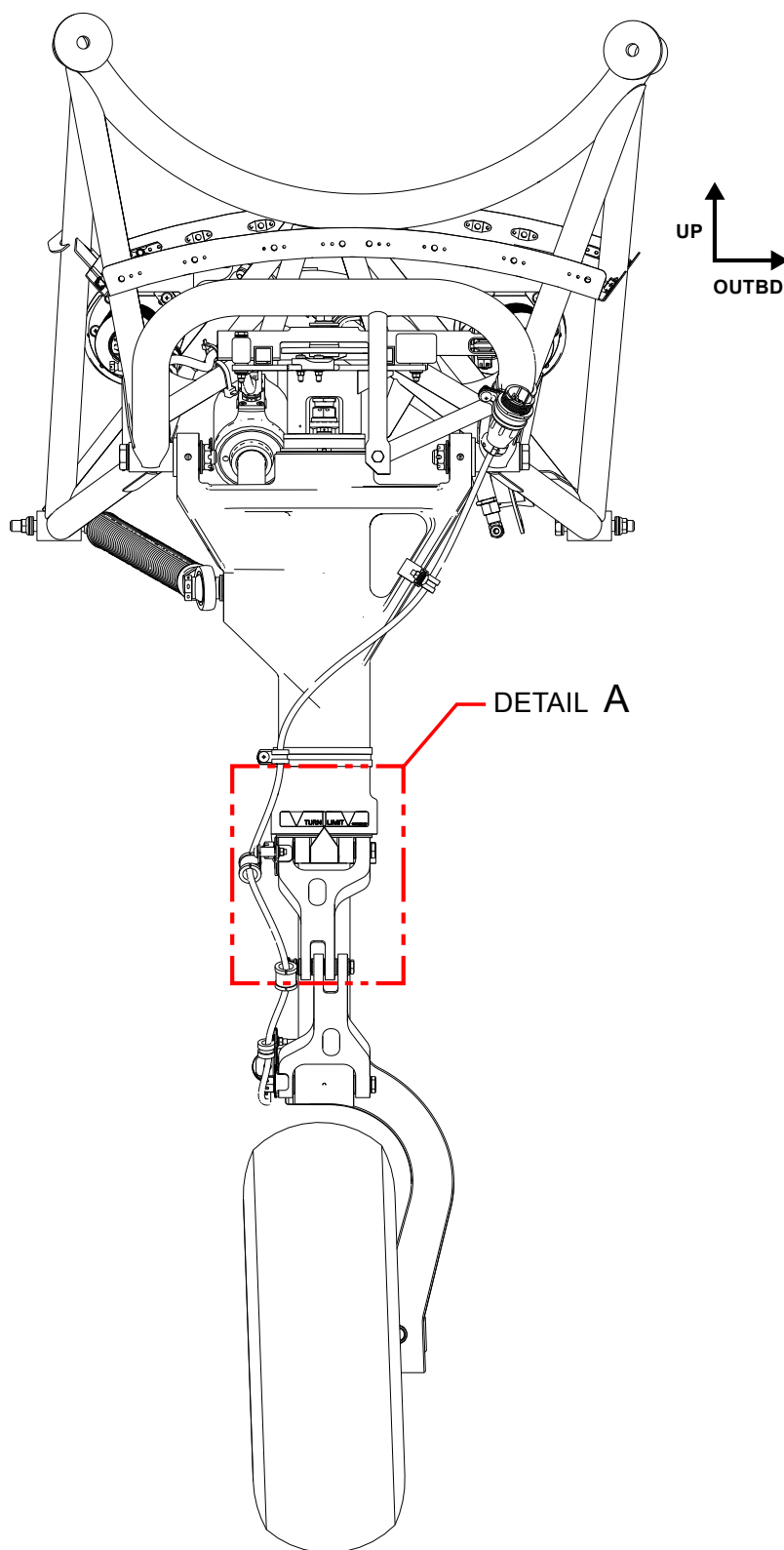
- a. Remove the existing turn limit indicator decal from the trunnion assembly.
- b. Wipe the area where the decal is to be installed, as shown in Detail A of Figure 1 with a clean wiper cloth soaked with acetone, or a 50:50 mixture of isopropyl alcohol and water. Dry with a clean, dry wiper cloth.

NOTE: Dry area before liquid evaporates to avoid deposits at edges of wetted area and discoloration.

- c. Lift a corner of an edge of backing from the decal without touching adhesive.
- d. Position as shown in Detail A of Figure 1, ensuring center of decal is aligned with aircraft centerline, and secure free corner or edge.
- e. Using a squeegee to hold decal to panel, draw the rest of the backing from the decal and press into place by wiping across it from end to end, around edges and corners, and into recesses with firm deliberate strokes and heavy pressure.
- f. Remove premask from face of decal.

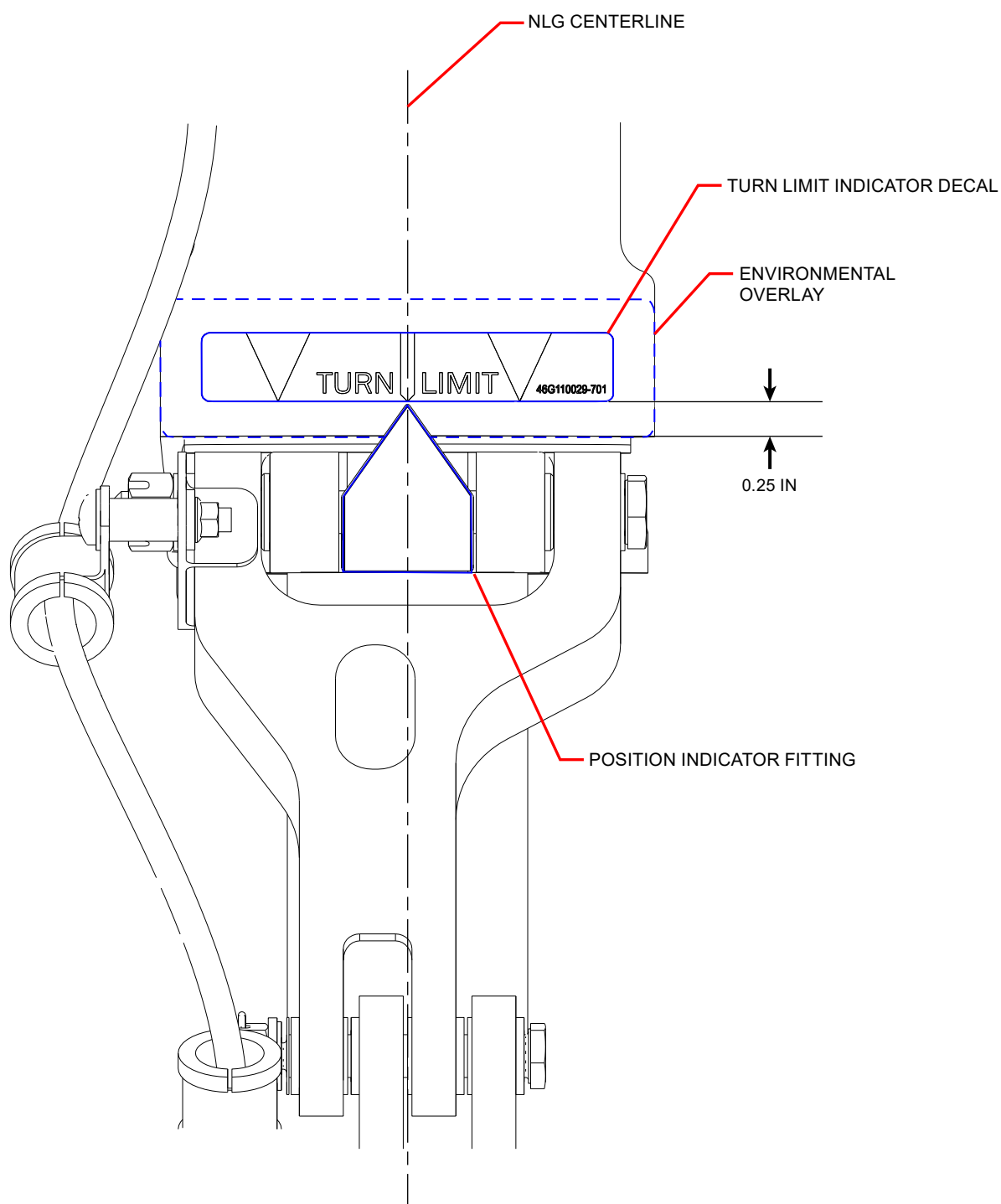
NOTE: If any portion of decal tends to lift off, remove item, discard and replace beginning with cleaning step a., above.

6. Make a logbook entry documenting compliance with this service letter and include a statement documenting the increased towing turn limits.



NOSE LANDING GEAR
LOOKING AFT

Figure 1 (Sheet 1 of 2)
Turn Limit Indicator and Decal Installation



DETAIL A
NLG TRUNNION ASSEMBLY
(PA-46-600TP SHOWN, OTHER MODELS SIMILAR)

Figure 1 (Sheet 2 of 2)
Turn Limit Indicator and Decal Installation

MATERIAL REQUIRED:

Per aircraft:

- One (1) each, Position Indicator Fitting, Piper P/N 46G110030-701
- One (1) each, Turn Limit Indicator Decal, Piper P/N 46G110029-701

AVAILABILITY OF PARTS:

Your Piper Approved Service Center –
Find your local service center at <https://www.piper.com/>

EFFECTIVITY DATE:

This service letter is effective on September 14, 2026.

SUMMARY:

Applicable factory participation is limited to new aircraft in warranty at the time of compliance. Factory participation will remain in effect for a period of time not to exceed 180 days from the date of this service letter.

Please contact your Piper Approved Service Center to make arrangements for compliance with this service letter in accordance with the compliance time indicated.

NOTE: Please notify the factory of any address/ownership corrections. Changes should include aircraft model, serial number, and current owner's name and address.

Corrections and/or changes should be directed to:

PIPER AIRCRAFT, INC.
Attn: Technical Publications
2926 Piper Drive
Vero Beach, FL 32960

or:

Publications@piper.com

Please include in subject line: "Aircraft Ownership Update"