



30, rue Pierre-Georges LATECOERE
05130 TALLARD – FRANCE
Tel: +33 (0)4 92 20 16 19 Fax: +33 (0)4 92 52 69 66
e-mail: contact@beringer-aero.com

ADVISORY

AV-009

PIPER PA-46 Gear Door Clearance for BERINGER kit

	Europe	USA
Contact:	BERINGER AERO 30, rue Pierre-Georges LATECOERE 05130 TALLARD – FRANCE	BERINGER AERO USA 18 Woods Lake Rd, Suite 102 Greenville, SC 29607
Technical Support:	+33 492 201 619 support@beringer-aero.com	(864)-214-4274 support@beringer-aero.us

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1. PURPOSE

The purpose of this Advisory is to alert installers of the required gear door clearance check on Piper PA-46 aircraft before installation of BERINGER STC-017.

2. BACKGROUND

Prior to removal of any components, installer must perform gear swings to ensure all proper gear rigging and clearances IAW the Piper maintenance or service manuals.

Installer must ensure correct gear door rigging and clearances IAW the Piper maintenance or service manuals.

Installer must ensure that all tires currently installed on aircraft have adequate clearance prior to installation of STC-017.

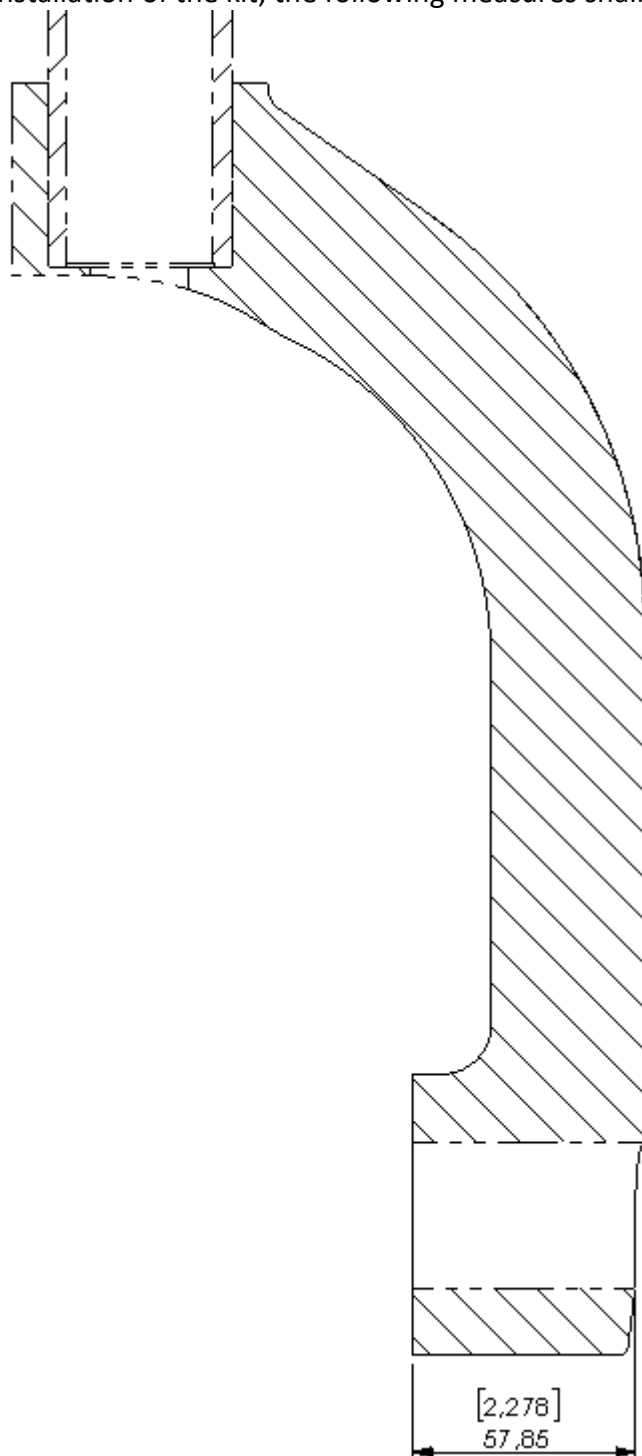
Installer must comply with or find aircraft in compliance with Piper Service Letter 1286D.

Beringer Aero is not responsible for any damages induced to aircraft due to incorrect rigging of gear or gear doors or not following these requirements.

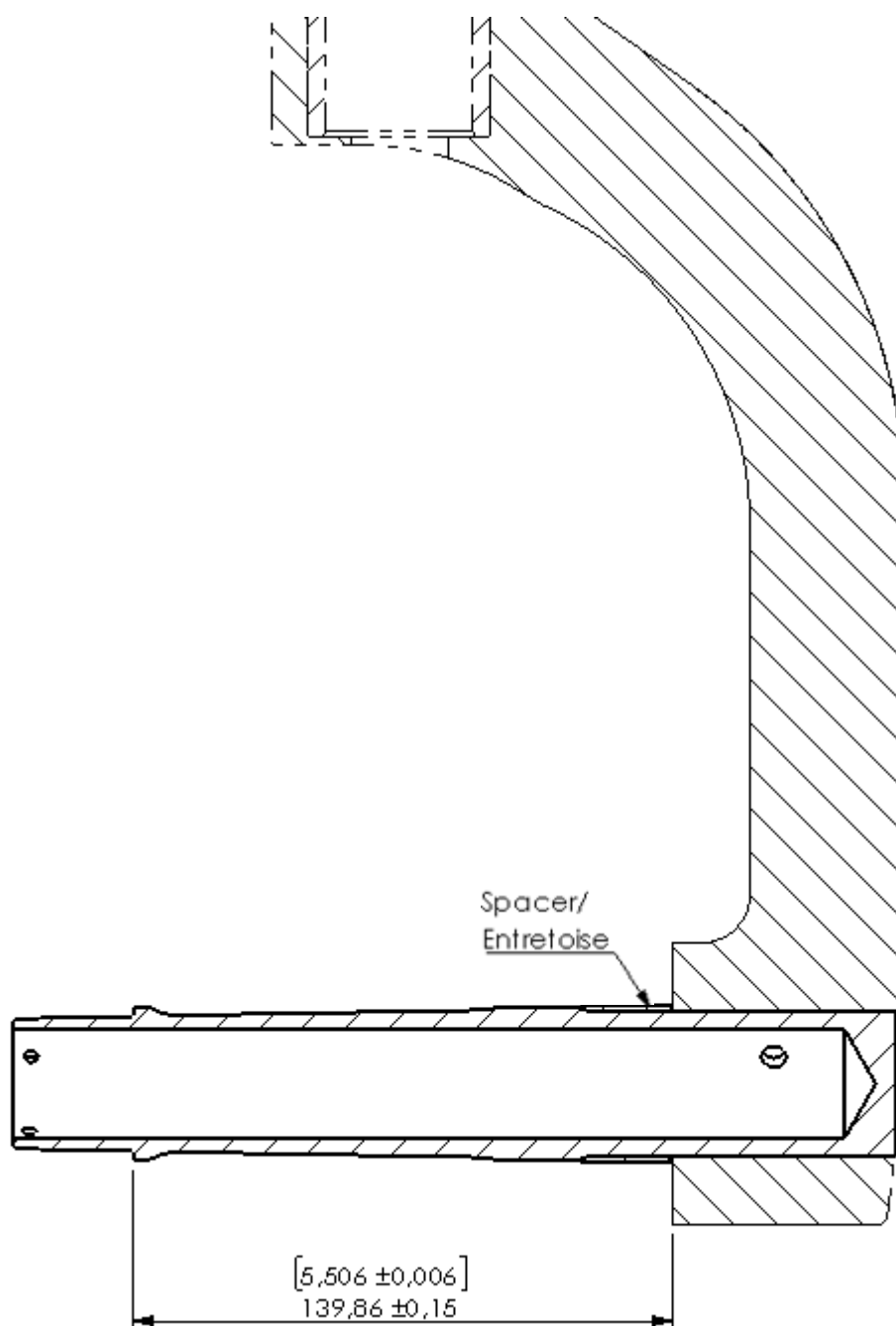
NOTE: The washer AV-PER-203 must be installed on models Malibu, Malibu Mirage and Malibu Matrix but has not to be installed on Malibu Meridian model.

3. MEASUREMENT CHECK ON MALIBU MERIDIAN

Before installation of the kit, the following measures shall be checked on PA-46-500TP gear leg:

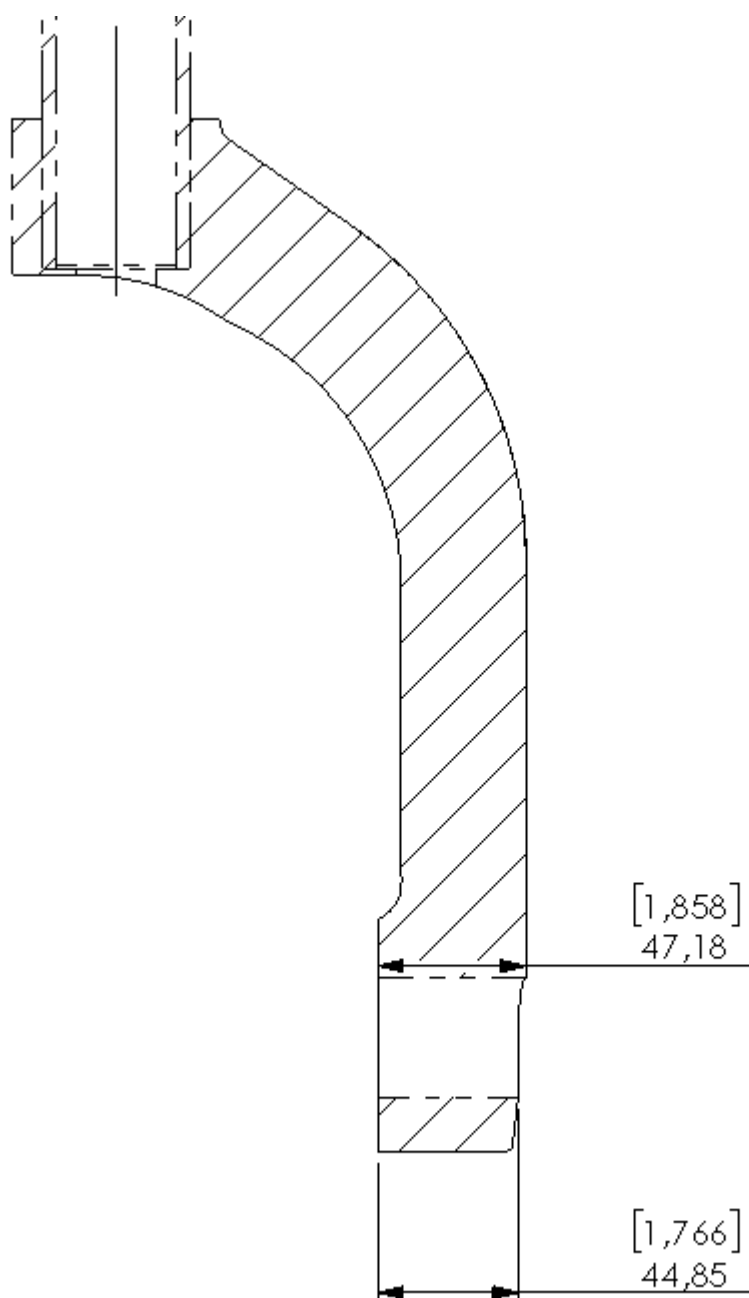


Once the installation of the axle AV-PER-201 and spacer is done, the following measures shall be checked:



4. MEASUREMENT CHECK ON MALIBU, MALIBU MIRAGE AND MALIBU MATRIX

For PA-46-310P (Malibu), PA-46-350P (Malibu Mirage) and PA-46R-350T (Malibu Matrix), the following measures shall be checked on gear leg:



Once the axle AV-PER-201 and the washer AV-PER-203 are installed, the following dimensions shall be checked:

