

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper
 MODEL: PA 46-500TP
 S/N: 4697018
 REG. NO: N388TW
 WORK ORDER: 536-11-2001

The New Piper Aircraft, Inc.

2926 Piper Drive
 Vero Beach, FL 32960
 Repair Station No. MMF 321-10

DATE: 12/21/2001
 TTA: 147.6
 Airframe TT: 147.6
 Landings:
 HOBBS: 147.6

Airframe Entries

Installed New cabin door Threshold - P/n 102926-003.... Complied with Piper **Service Bulletin 1084** - Flight Into Known Icing Certification.... Installed Kit # 767-313: Vacuum Systyem Rework.... Installed Kit # 767-313. Water Separator pressure checked per Drawing Revision C.... Inspected vacuum line P/N 102437-086 and found to be in airworthy condition.... Removed lift computer s/n 124. Installed kit 767-323 new lift computer s/n 114... Post flight tip grams reading are 0 deg. 4.0 10-20 deg 4.6 and 36 deg. 1.3... Installed kit 766-698, wing de-ice boots.... Installed Piper Kit 452-113 Brush Blocks Assembly... Removed prop de-ice timer P/N 691-230 replaced with new timer P/N 691-231.... Installed wing deice boots per **SB 1084**. P/N 690-924, S/N MT87180, July 2001, P/N 690-925, S/N MT69350, Aug. 2001, 690-926, S/N MU54750, Sept. 2001, P/N 690-927, S/N MU05180, Aug. 2001... Pressure and Vacuum check complied with IAW PPS60054-8 Surface De-Ice System ops checked good. No Leaks Detected.... Complied with **Piper Service Bulletin 1069**. Installed Piper kit 766-682 required fuel trimmming and leak check. Trim and leak check acceptable.... **Comply with Piper Service Bulletin 1076** - GI-106 Nav/GS Indicator Locking Connector Harness Wiring Change. Found harness misswired, corrected wiring in harness. Operational check acceptable.... Complied with **Piper Service Bulletin 1078**. Installed Piper Kit 767-306. stall warning microswitch bracket Flaps operation checks good.... Complied with **SB 1086**. installed generator ammeter relay kit P/N 767-308... Complied with piper **service bulletin 1087A** removed and replaced nose gear emergency downspring mechanism P/N 83699-003 and P/N 83699-014.... Complied with Piper **Service Bulletin 1089**. Adjusted nose gear squat switch.... Complied with **SB 1094** section II fuel system check valve replacement removed (2) 592-652 check valves replaced with (2) new 592-670 Rev A check valves leak check of fuel system required... Found flux detector brackets P/N 604612-002 and P/N 604612-003 Flux Detector Brackets installed on wrong sides (swapped). Flux Detector on pilot side out of spec. Removed LH Flux Detector P/N 6446 S/N 6288 Installed P/N 6446 S/N 120 Performed PPS 60189 heading compensation/calibration.

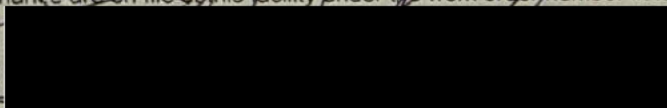
... Installed new chaf tape right nose gear door.... Adjusted door lock tang to eliminate binding in lock assy.... Reworked spring for latch on R/H rear seat. Seat back operates satisfactorily.... Adjusted roll centering on AP550 for Nav Approach mode.

... Checked cabin heat during ground run. All valves and controllers seem to work normal. Evaluate next flight.... Removed oil filter, oil filter housing and oil pressure relief valve. Added two (2) 3100614-01 shims to oil pressure relief valve and reinstalled per manufactures specs. Cleaned oil filter and inspected for metal debris none found. Serviced engine with 2380 turbine oil. Leak and pressure check required.... Test flight was performed. Operation checks satisfactory.... Fully seated connector P305, so that aircraft would accept ground power. Ops ckd good.... Complied with kit 766-697 installed gear mute switch and complied with gear swing ops check.... Complied with piper kit 767-328 installed feather suppression diode.... Installed Piper Kit # 767-326; Rivnut and

SB 1099

SB 1095

Registration No. _____

and Remarks	Signature	Certificate No.
nutplate kit for wing fairings... Installed alternator isolation diode kit {767-307} per SB 1093. Generator adjusted to 28.4 volts. Alternator adjusted to 27.0 volts. Ground run acceptable. Weight and balance change in POH.... Removed and replaced left and right taxi light lens that was damaged. P/N 82244-002 and P/N 82244-003.... Nose gear steering to much free play, adjusted nose gear rollers to .010 per piper specs.... Complied with VSP 129, prop heat wiring adjustment.... Complied with Piper Service Bulletin 1088. Inspected Aft Spar Cap. Checks good.... Removed debonded storm window P/N 100877-003 and replaced with new storm window assy. P/N 100877-003.... Test flight was performed. Operation checks satisfactory.... Checked cabin heat during ground run. All valves and controllers seem to work normal. Heater put out 153 degrees in flight.... Removed leaking fuel panels 3R and 3L, replaced damaged nut plates [2], cleaned and resealed. 12-20-01 1400 requires leak check... ..		
The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.		
DATE: 12/21/2001	SIGNED: 	WORK ORDER: 536-11-2001
Certified Repair Station No. MMF 321-10	Printed by EBis (http://www.datcomedia.com)	



The New Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida, U.S.A. 32960

SERVICE *No. 1095* BULLETIN

PIPER CONSIDERS COMPLIANCE MANDATORY

Date: January 18, 2002

(S)

SUBJECT:

GEAR WARNING HORN MUTE SWITCH

MODELS AFFECTED:

PA-46-500 TP Meridian

SERIAL NUMBERS AFFECTED:

4697001 through 4697114, 4697116, 4697118 and
4697125

COMPLIANCE TIME:

To coincide with next regularly scheduled maintenance event, but not to exceed the next one hundred (100) hours time in service.

APPROVAL:

The alteration as specified in the instructions section of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

PURPOSE:

As a product improvement, a Gear Warning Horn Mute Switch is available for installation in order to provide the ability to temporarily mute the Gear Warning Horn. Piper Gear Warning and Mute Switches Kit, part number 766-697, provides instructions and material for the installation of a Gear Warning Mute Switch.

INSTRUCTIONS:

1. The instructions needed to complete this modification are contained in the Gear Warning and Mute Switches Kit, Piper part number 766-697.
2. Upon successful installation of the Gear Warning and Mute Switches Kit, Piper part number 766-697, make a logbook entry indicating compliance with this Service Bulletin.

(OVER)

ATA: 3260

MATERIAL REQUIRED: One (1) each, Gear Warning and Mute Switches Kit, Piper part number 766-697, per aircraft.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

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 Bulletin.

Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the compliance time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

THE NEW PIPER AIRCRAFT, INC.
Attn: Customer Care
2926 Piper Drive
Vero Beach, FL 32960