



SERVICE BULLETIN

No. 362

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

August 14, 1972

Subject:

V_{ne} Airspeed Limit

Models Affected:

PA-24-250 Comanche
PA-24-260 Comanche

Serial Numbers Affected:

24-1, 24-103 to 24-3641 incl., 24-3643 to 24-3687 incl.
24-3642, 24-4000 to 24-5026 incl.

Compliance Time:

Within the next twenty-five hours of operation from the Effectivity Date of this Service Bulletin.

Purpose:

Piper Aircraft Corporation is investigating the effects of improper maintenance and/or unauthorized repair procedures with respect to possible deterioration of the margin of safety when applied to flutter characteristics of the horizontal and vertical tail surfaces.

In order to provide additional margin and in the interest of safety, Piper has reduced the never exceed speed V_{ne} to 203 mph C.A.S. for the PA-24-250 and PA-24-260 aircraft.

This action is of a precautionary nature and, if and when more information becomes available, the subject limitation may be revised or lifted.

Since the primary concern is with aircraft which may have improper maintenance or which have been subject to unauthorized repair procedures, it is strongly recommended that owners and operators comply with proper surface balance procedures and system tensions and tolerances as prescribed by Piper.

Instructions:

1. Install Airspeed Indicator Placard Part No. SK-2285 on the face of the Airspeed Indicator, as described by the attached sketch.
2. Insert Airplane Flight Manual Supplement No. 1770 in Airplane Flight Manual.
3. Insert revised Owner's Handbook page for aircraft with serial numbers 24-4783, 24-4804 to 24-5026 incl. (See Material Required, below.)
4. Make appropriate log book entry.

Material Required:

1. One (1) each Airspeed Indicator Placard Part No. SK-2285 and related Airplane Flight Manual Supplement No. 1770.
2. One (1) each Owner's Handbook page for Owner's Handbook, Piper Part No. 753 774 issued April 1969, revised August 1969 and for Owner's Handbook, Piper Part No. 753 823 issued July 1971.

Availability of Parts:

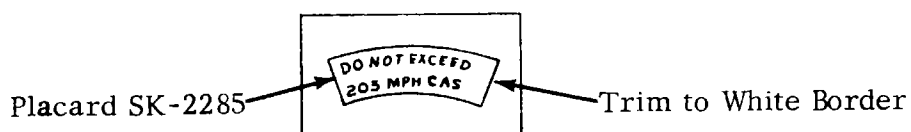
Supplied with each copy of this Service Bulletin being mailed to affected owners/operators.

Effectivity Date:

This Service Bulletin is effective August 15, 1972.

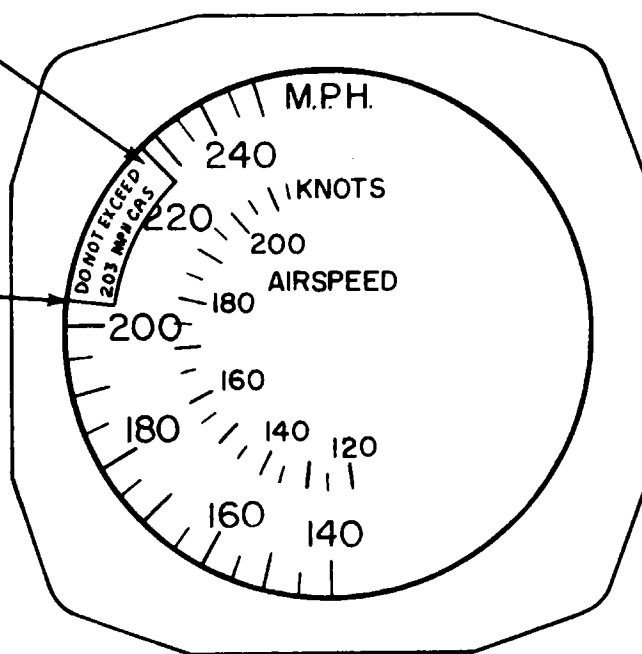
Summary:

Compliance with the provisions of this Service Bulletin may be accomplished quickly and easily by the aircraft owner/operator with the material provided herein.



Install Placard SK-2285 on the face of the Airspeed Indicator as shown.

Locate this edge of Placard at 203 M.P.H.



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