Accessory Kit No. AK- 112A
(Supersedes Accessory Kit No. AK-112)

DATE: January 27, 1970

TITLE: Vertical Speed Indicator Accessory Kit

MODELS AFFECTED: AA1-0001 and up, *AA1A-0001 and up.*

WEIGHT AND BALANCE CHANGE:
Weight Increase: .50 lbs.
Arm: 68.25 in.

Parts List

Quantity	Part Number	Description
1	SP1403-1-AA	Vertical Speed Indicator
1	804004-1	Tubing
1	271-N	Tee
1	268-N	Connector
3	A8944-632-24J	Nut
3	AN515B 6R 12	Screw

Description of Installation

1. Installation of vertical speed indicator and related hardware.

2. Estimated time to accomplish this installation is 1.5 man hours.

Installation Instructions (Figure 1.)

1. Cut out appropriate hole in royalite instrument panel cover and trim neatly with a sharp knife or razor blade. Drill three (3) .147 dia. holes for mounting screws.

2. Install vertical speed indicator in panel with screws and nuts provided in this kit.

3. Remove existing fitting from rear of altimeter and discard. Install 271-N tee pointing downward.

4. Install 804004-1 tube from vertical speed indicator (using 268-N connector) to downward leg of tee fitting on altimeter.

5. Replace tube from airspeed indicator to tee fitting on altimeter.

6. Check static system for leaks per service manual instructions (Ref: Page 9.6).

Changes: Added serials AA1A-0001 and up to MODELS AFFECTED. This kit also applicable to the model AA-1A American Trainer.

271-N TEE(1)

804004-1 TUBE (1)

ALTIMETER

268-N
CONNECTOR(1)

AIR SPEED INDICATOR

A8944-632-24J
NUT (3)
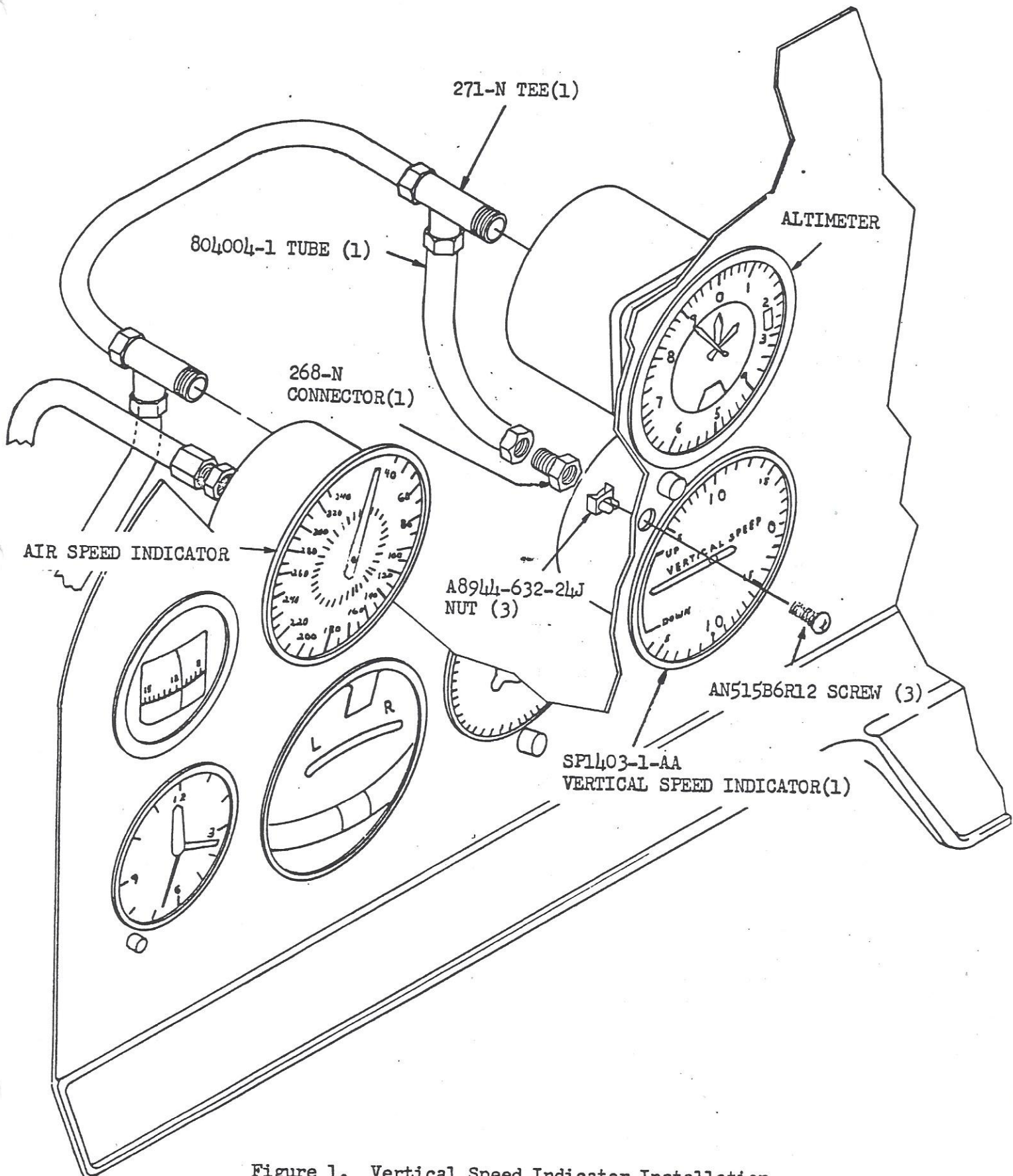
AN515B6R12 SCREW (3)

SP1403-1-AA
VERTICAL SPEED INDICATOR(1)

Figure 1. Vertical Speed Indicator Installation