

ATR-100 REEL SERVO PWA TRANSISTOR IMPROVEMENT

I. APPLICABILITY

All ATR-100 Reel Servo PWA, Part Number 4050778-01 to -08.

II. PURPOSE

Transistors Q14, Q15, Q18, Q19, Q22 have been changed to a higher voltage rating and R19 and R20 were changed to reduce DC offset of A1.

III. DISCUSSION

When replacing the 5 transistors it may be required to enlarge the lead holes, since the vendor decided to change the type of leads which they were using.

IV. PARTS REQUIRED

Parts required for this update may be purchased through Ampex. Installation assistance can be obtained through your local Ampex regional office at current Ampex Field Engineering rates.

<u>Ampex Part Number</u>	<u>Description</u>	<u>Quantity</u>
579-006	Transistor D44C11 Q14,15,18,19	4
579-014	Transistor D44H11 Q22	1
066-866	Resistor 27K ohm, 5%, 1/4W R19,20	2

V. PROCEDURE

- 1) Remove the old components.
- 2) Install the new components.
- 3) Check tensions after this is completed.