

# ANNUAL INDEX—1956

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### 40% Lighter, 10% Smaller

Here, no bigger than your thumb, is the smallest *practical* servo control motor currently produced. Combined with Transicoil's new Size 8 motor driven induction generator, and powered by a new completely-transistorized servo amplifier, this motor offers you the unusually high torque-to-inertia ratio of 28,000 radians/sec<sup>2</sup>.

Compared with a Size 9 control motor—until now, the smallest practical unit available—Transicoil's new Size 8 measures only 0.75 inches in diameter, 10% smaller, and weighs only 1.4 oz., 40% lighter. Yet it operates on standard voltages from 26 to 52 volts, and 52 volts with center tap, at 400 cps, permitting push-pull transistor application.

Hence, just as Transicoil's introduction of plate to plate wiring eliminated the transformer, once necessary in servo systems, the Size 8 units and transistor amplifiers mark another milestone in miniaturization.

This is just one more example of how Transicoil can



Size 8 Motor Driven Induction Generator and Transistor Amplifier. All units of the Size 8 system have been designed for maximum performance in minimum space.

solve your control problems whether they involve miniaturization or control complexity, and go on to manufacture systems and components of the utmost precision and accuracy. You pay only for results—on a fixed fee basis for equipment delivered and performing properly.

Technical data on the new Size 8 combination and the transistorized amplifier is yours for the asking. But you'll end up with a better system if you write outlining your servo control problem.



**TRANSICOIL CORPORATION**  
Worcester, Montgomery County · Pennsylvania



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## Avco Units Discontinue Radio, TV Production

Crosley and Bendix Home Appliance Divs. of Avco Mfg. Corp. were to discontinue appliance, radio and TV receiver operations as of Nov. 30.

Avco said that move was made to eliminate "certain unprofitable operations" and to devote its resources to profitable and rapidly expanding commercial, industrial,

defense and broadcasting operations. Special emphasis will be placed on developing defense operations and broadcasting business, Avco stated.

## Electronic Ticket Plan

Over \$2,000,000 is being spent by National Airlines to improve passenger service and install system-wide electronic reservations equipment built by Teleregister

Corp., Stamford, Conn., an Ogden Corp. subsidiary. Cancelled space will thus be immediately available for re-sale and reservations may be obtained more quickly.

Called a Magnetric Reservoir, the system will be installed in key cities such as New York, Philadelphia, Washington, New Orleans and Miami in time for heavy winter-time travel next year. Central electronic equipment will be in Miami.