

The  
**Riley** '55  
by  
**TEMCO**



Cruises at 170 MPH

Two 170 HP Engines

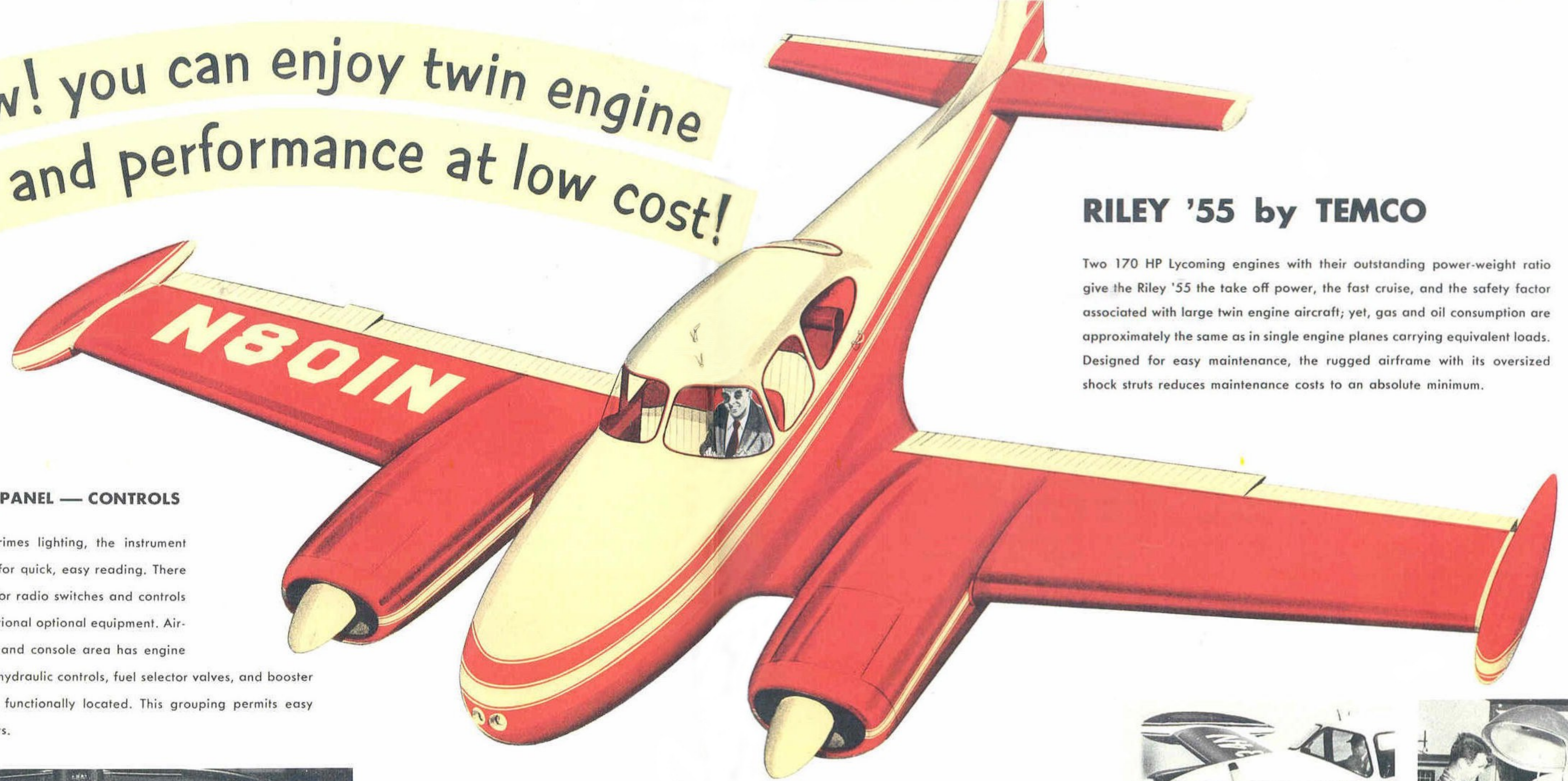
Range up to 1200 Miles

Luxurious Interiors

THE STANDARD OF COMPARISON FOR EXECUTIVE AIRCRAFT



Now! you can enjoy twin engine safety and performance at low cost!

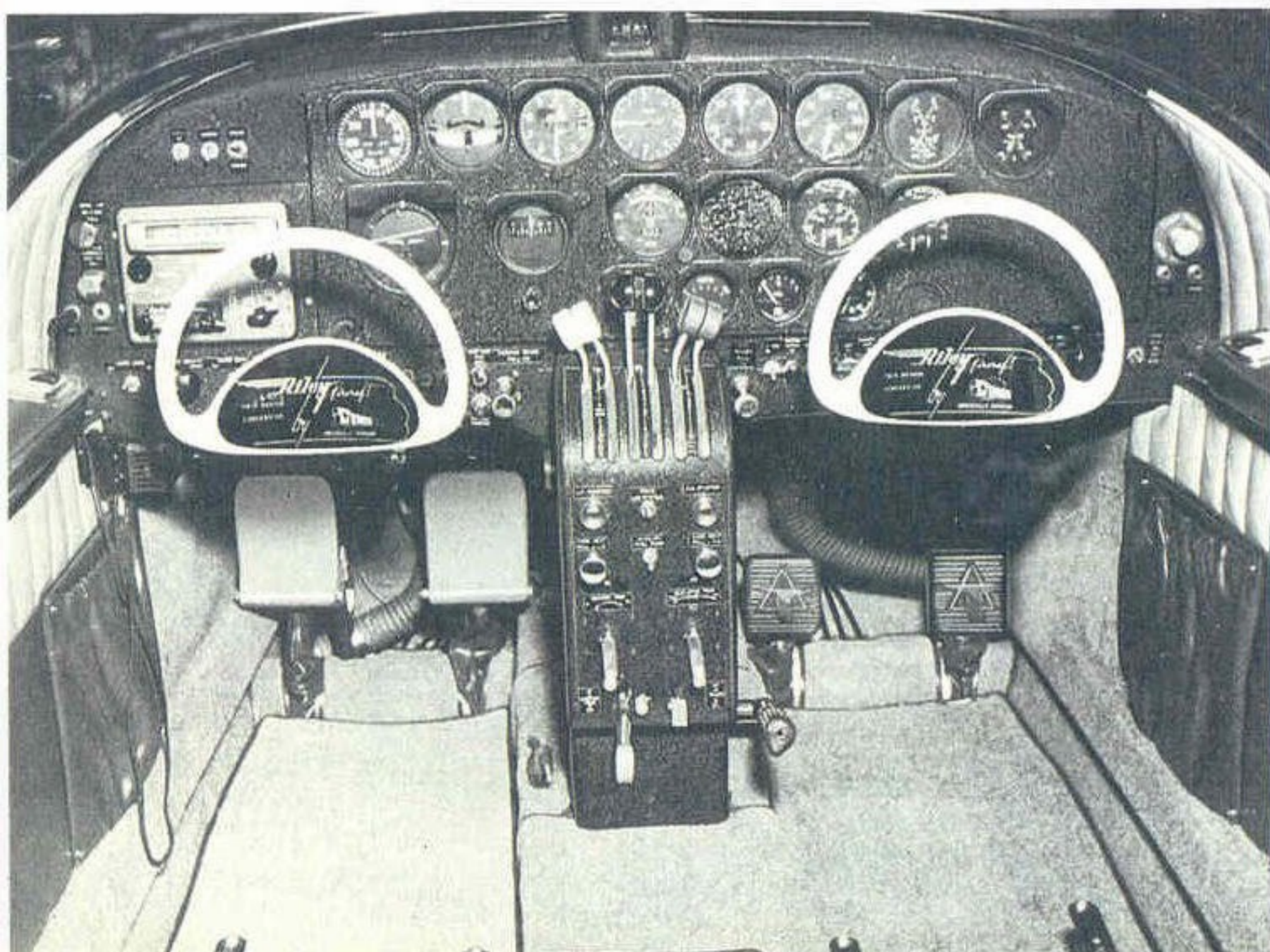


## RILEY '55 by TEMCO

Two 170 HP Lycoming engines with their outstanding power-weight ratio give the Riley '55 the take off power, the fast cruise, and the safety factor associated with large twin engine aircraft; yet, gas and oil consumption are approximately the same as in single engine planes carrying equivalent loads. Designed for easy maintenance, the rugged airframe with its oversized shock struts reduces maintenance costs to an absolute minimum.

### INSTRUMENT PANEL — CONTROLS

With individual Grimes lighting, the instrument panel is arranged for quick, easy reading. There is adequate room for radio switches and controls and space for additional optional equipment. Air-line type quadrant and console area has engine controls, trim tabs, hydraulic controls, fuel selector valves, and booster pump switches, all functionally located. This grouping permits easy access to front seats.



### FLIGHT INSTRUMENTS

- 1 Airspeed Indicator
- 1 Clock
- 1 Turn and Bank, Electric Driven
- 1 Altimeter (Sensitive)
- 1 Rate of Climb Indicator
- 1 Directional Gyro
- 1 Gyro Horizon
- 1 Outside Air Temperature Gauge (mounted overhead)
- 1 Magnetic Compass

### ENGINE INSTRUMENTS

- 1 Tachometer—Dual (electric)
- 1 Manifold Pressure Gauge—Dual
- 1 Cylinder Head Temperature Gauge—Dual
- 1 Carburetor Air Temperature Gauge
- 1 Ammeter and Selector Switch for both generators
- 2 Engine Gauge Units—Triple:
  - Oil Pressure
  - Oil Temperature
  - Fuel Pressure
- 1 Fuel Gauge
- 1 Vacuum Gauge
- 1 Hydraulic Pressure Gauge
- 1 Engine Hour Meter (nacelle mounted)

### FULL-FEATHERING PROPELLERS

The Hartzell full-feathering, constant speed, metal propellers give maximum efficiency for both take off and cruise, and maximum safety for single engine operation.

### COLOR-HARMONY INTERIORS

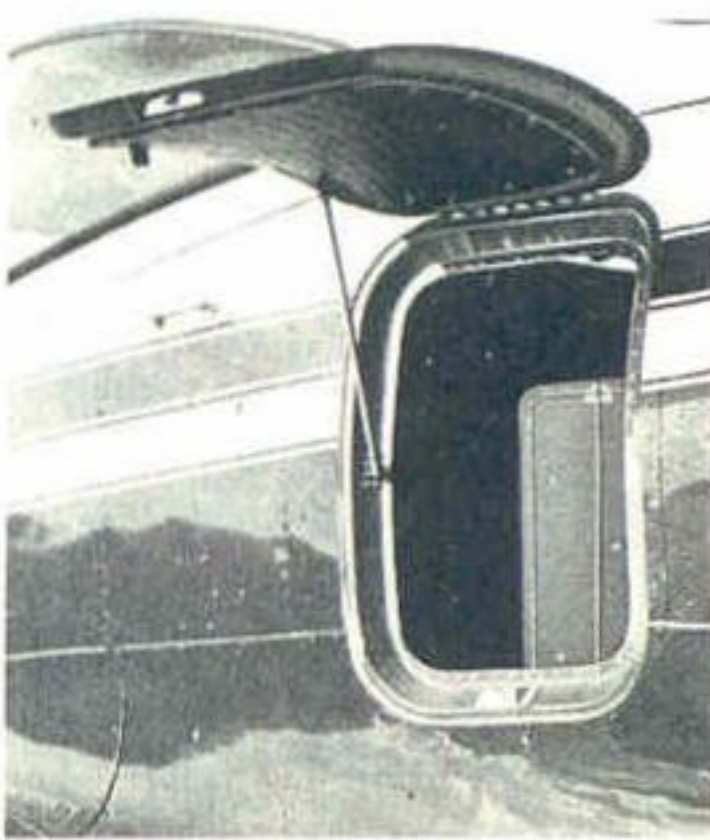
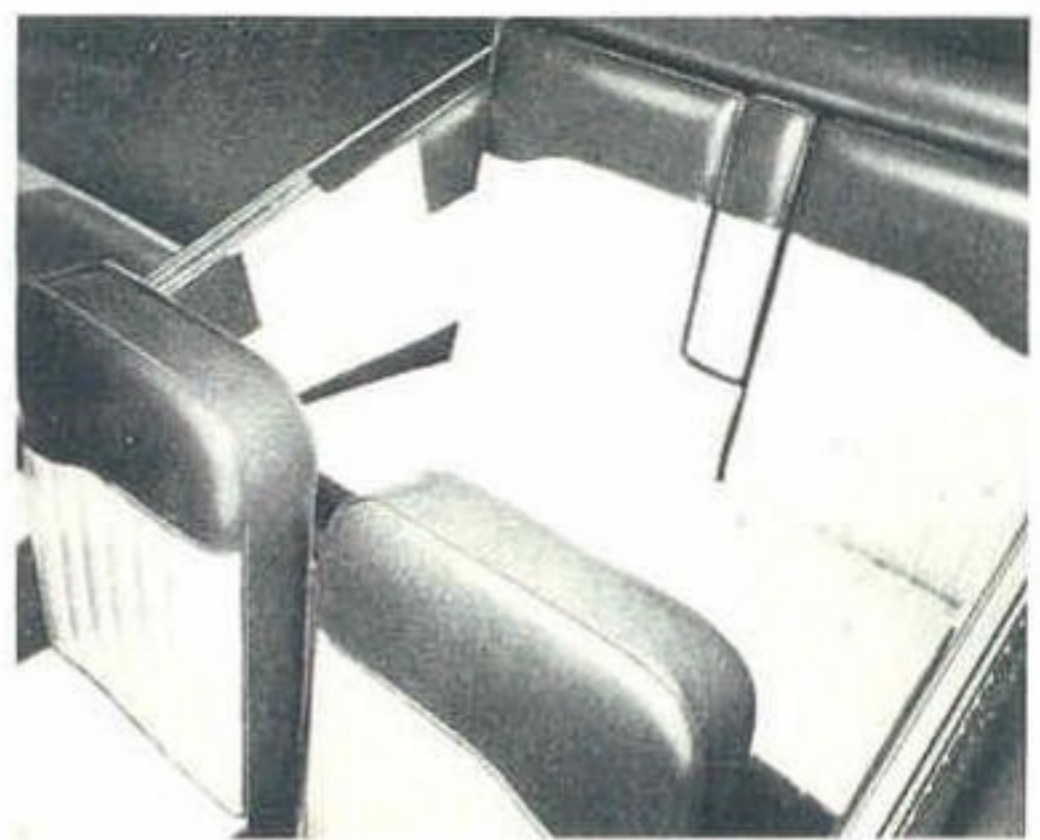
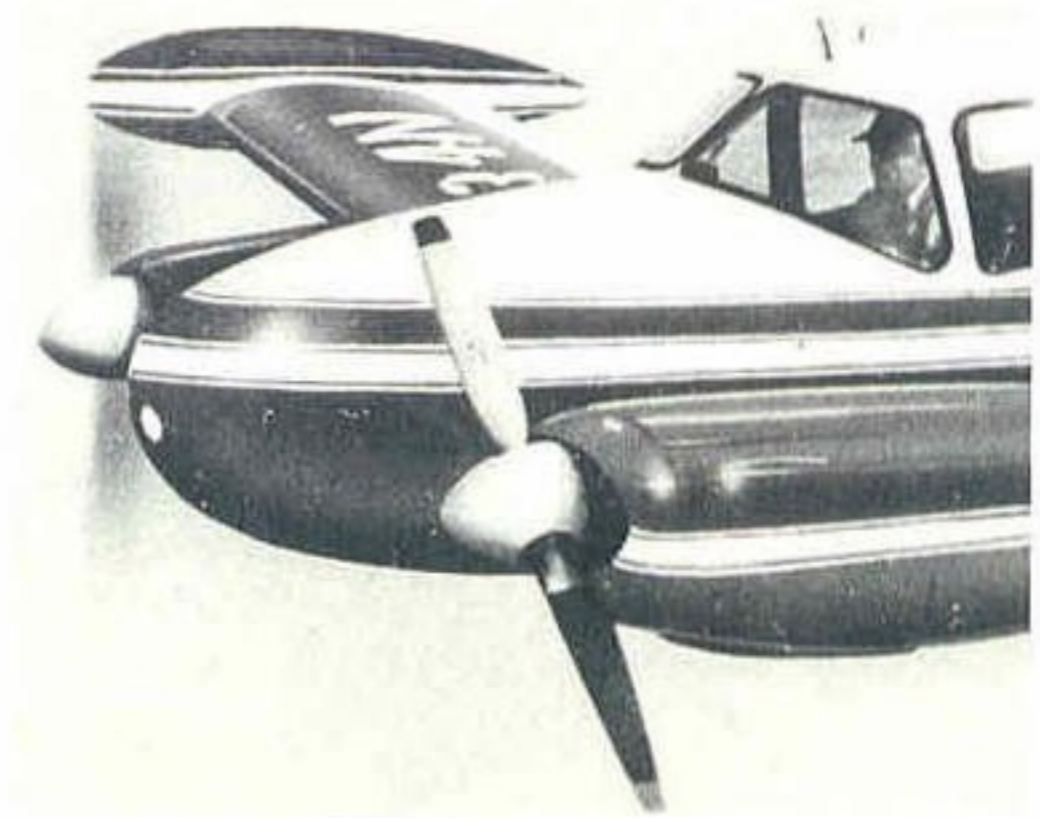
Beautifully styled interiors are comparable to the fabulously luxurious interiors TEMCO has designed for much larger planes. Fresh, modern color schemes harmonize perfectly with the exterior paint. New seats of contemporary design have thick foam rubber cushions.

### HEATING AND VENTILATING SYSTEM

New, even-flow heating and ventilating system — including ground blower — distributes air evenly to both front and back seats, assures you the utmost year-'round cockpit comfort.

### TWO BAGGAGE COMPARTMENTS

Large compartment behind the rear seats is readily accessible through an outside door. Additional space is provided in the nose. The two compartments total a roomy 25 cubic feet.





# Cut travel time--Gain more productive hours

The Riley '55's 900 to 1200 mile range and 170 mph cruising speed reduce non-productive traveling time and increase your useful hours. An excellent instrument ship, unhandicapped by darkness, this top performing twin can readily operate from rough, newly-bulldozed, short landing strips considered only as emergency strips for larger twins.

Thus, it is not only a luxurious business plane, but is also ideally suited for use on construction projects or ranches, near oil wells or mines. Dependable twin Lycoming engines provide 340 HP to lift the fully-loaded Riley '55 at the rate of 1400 FPM.

## THESE OUTSTANDING FEATURES MAKE THE RILEY '55 THE NATION'S LEADING LIGHT-TWIN

- new 170 HP Lycoming engines
- Hartzell full-feathering, constant speed, metal propellers
- dual controls
- nose baggage compartment
- new outside door to rear baggage compartment
- new, improved flight control rigging
- new, 106 gal. gas system—all outside the fuselage
- two optional 20 gal. wing tip tanks—making 146 gal. total
- twin, nose-mounted landing lights
- new control quadrant and console
- easy reading instrument panel with adequate provision for radio installation
- powerful toe brakes
- new, soundproof insulation
- new mounts cut engine vibration
- over-size shock struts
- new custom interiors
- new fresh air vent in canopy
- new heating and ventilating system
- new electric booster pumps
- increased gross weight
- more useful payload

## Riley '55 Performance Data

- Two 170 HP Lycoming 0340 engines
- Empty weight approximately 2350# ✓
- Gross weight 3600#
- Maximum speed 180 mph.
- Cruise 70% power at 7,000 feet 170 mph.
- Takeoff distance (zero wind @ gross wt. S.L. over 50 ft. obstacle) 1150 ft.
- Landing distance (zero wind @ gross wt. S.L. over 50 ft. obstacle) 1050 ft.
- Rate of climb 1400 ft/min. (gross weight at S.L.)
- Range 900 miles (70% power with 106 gallons total fuel )
- Range 1200 miles (70% power with 146 gallons total fuel—with wing tip tanks)
- Fuel consumption 8.0 to 10 gal./hr./engine
- Service ceiling two engines 20,000 ft.
- Single engine ceiling 6,000 to 8,000 ft.



And remember-- The Riley '55 is backed by more operational hours on its basic airframe and engines than all other post-war light-twins combined.