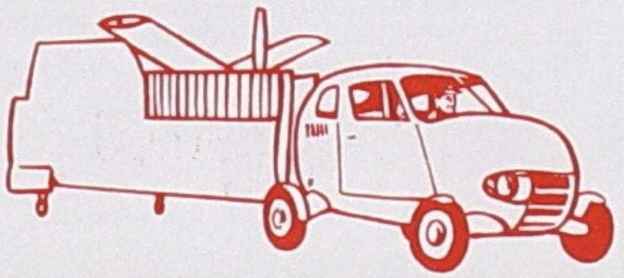
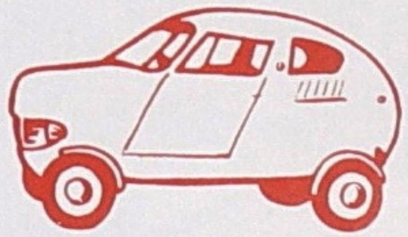
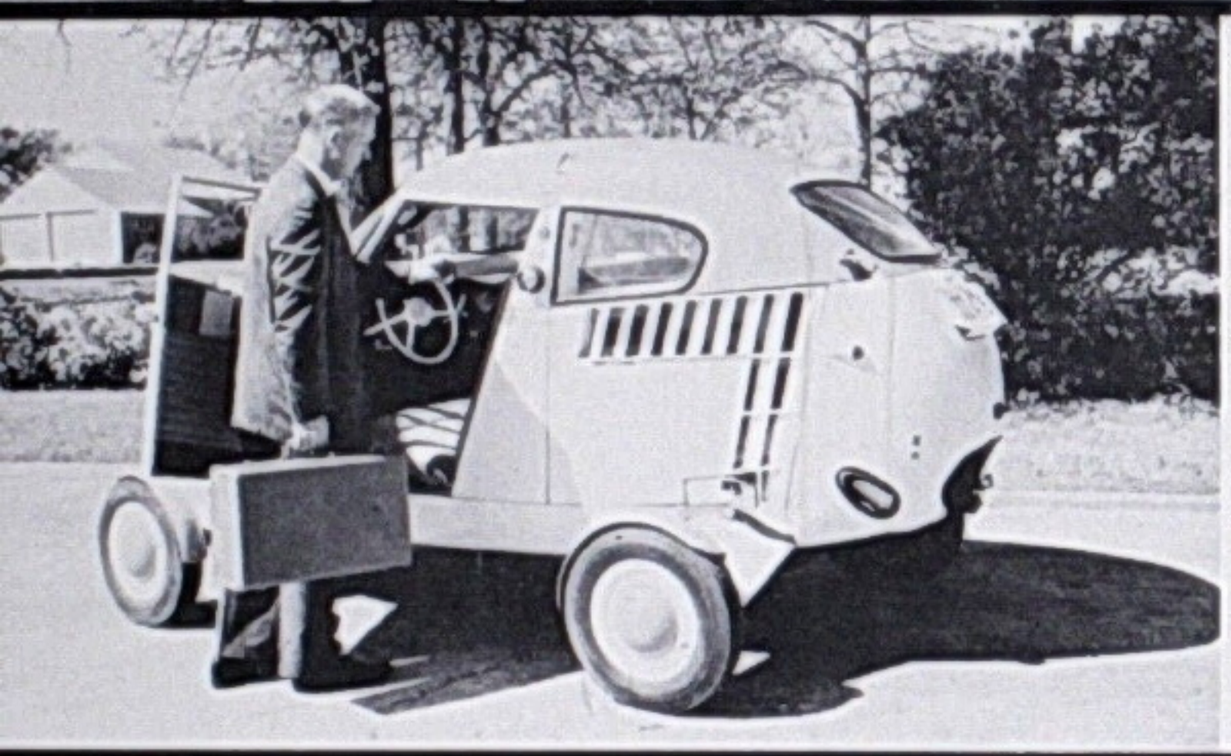
AEROCAR

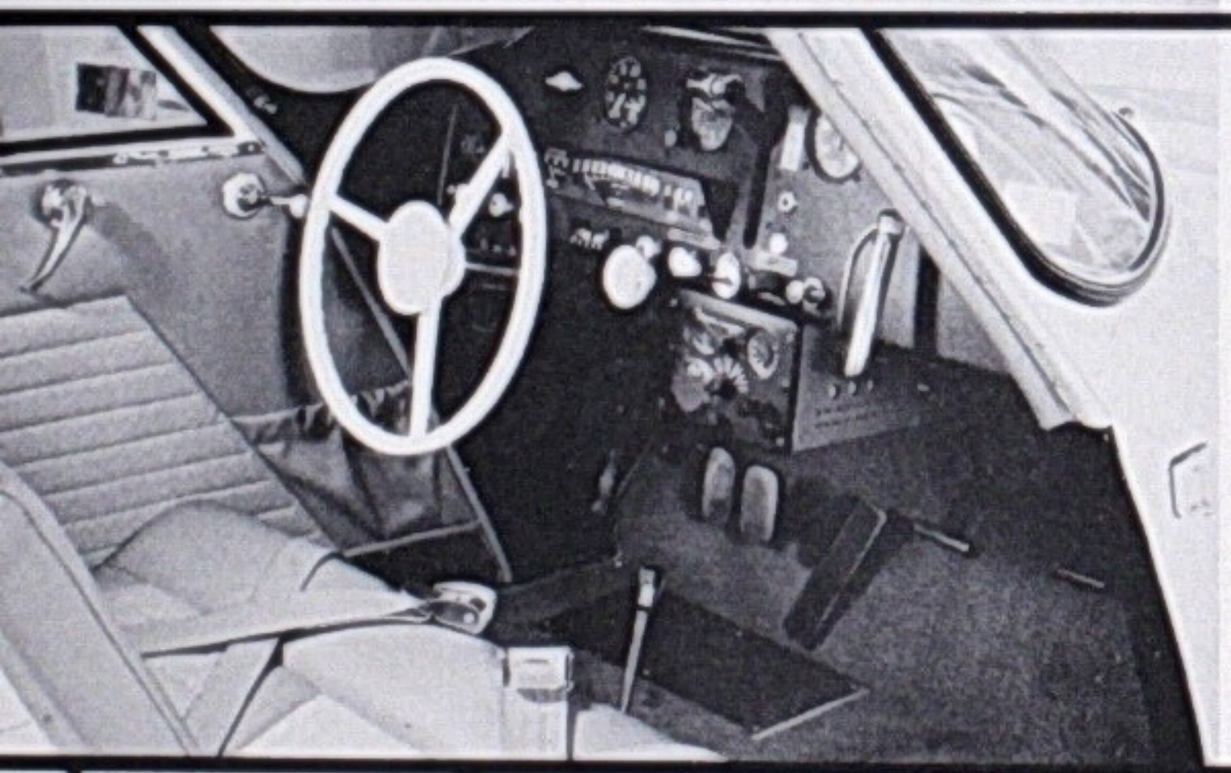
THE FLYING AUTOMOBILE

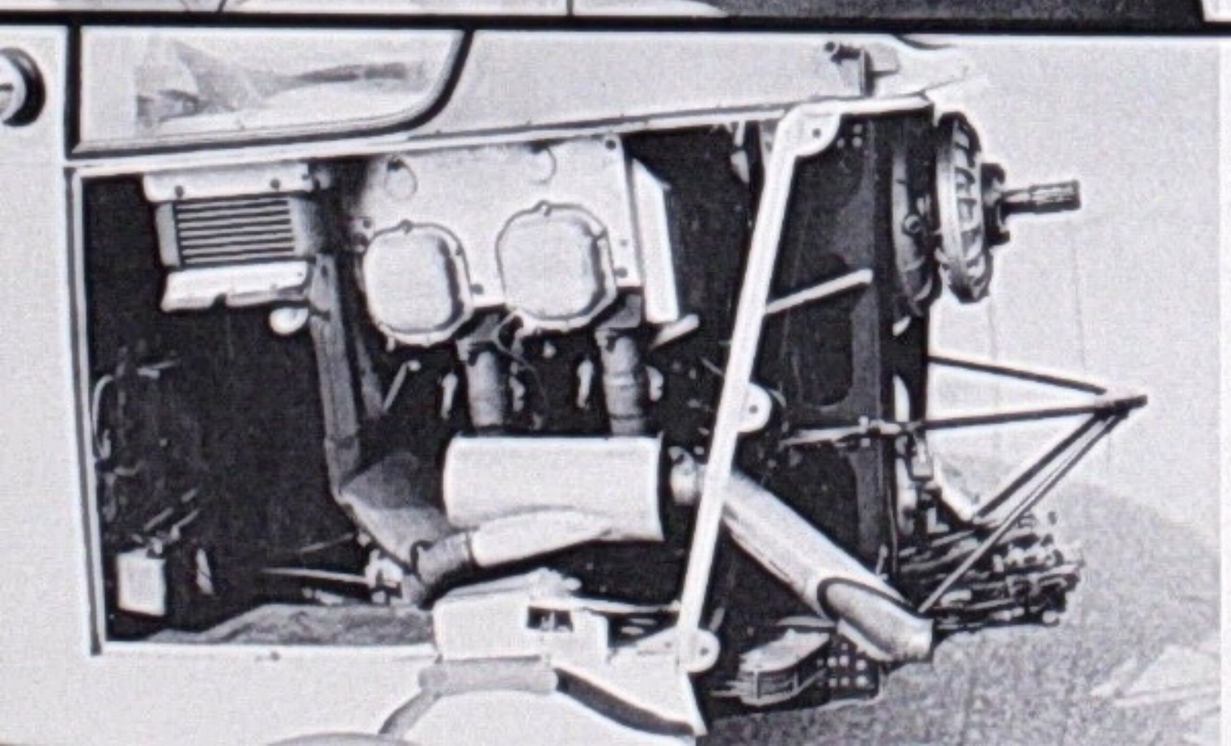
CONVERTS FROM ROAD TO AIR – AIR TO ROAD IN MINUTES











Be the envy of all. . .

Be FIRST with AEROCAR

The AEROCAR has been designed for daily automotive use and has been under constant development and test for over 10 years. This experience permits us to now offer a highly perfected vehicle with hundreds of hours of flight — and thousands of miles of driving background.

A COMPLETE COMPACT CAR

Leave your wings-tail trailer component behind and your smart little coupe is just the kind of a second automobile you have always wanted for town and business travel.

SIMPLE OPERATION ATTRACTIVE INTERIOR

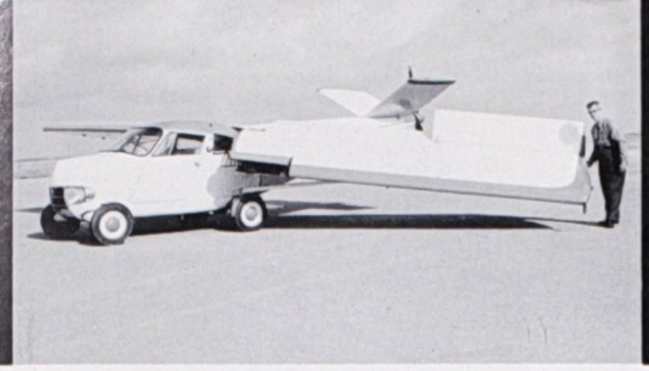
Inside — your AEROCAR has all the comfort and attractive appointments of a fine motor car — fashioned by experienced craftsmen using the finest materials — complete in every detail. Containing all instruments and safety features found in popular light planes, controls and instruments are arranged in a simple, attractive, familiar automobile dash panel.

SMOOTH FLUID DRIVE

of both the car drive line and the propeller assures smooth, dependable, long life operation with a minimum of service and maintenance problems. A single Model 0-320 143-HP Lycoming Aircraft Engine powers the AEROCAR for both ground and air operation.

A COMPLETE AIRCRAFT

In the air your AEROCAR is a safe, fast, two place, FAA approved light plane with speed and performance comparable with other aircraft of similar weight and power.



QUICK, EASY CONVERSION

The transition from car to plane or plane to car can be accomplished in as little as five minutes by one person. All without the need for special tools or extra equipment, and with little physical effort.

IMMEDIATE MOBILITY

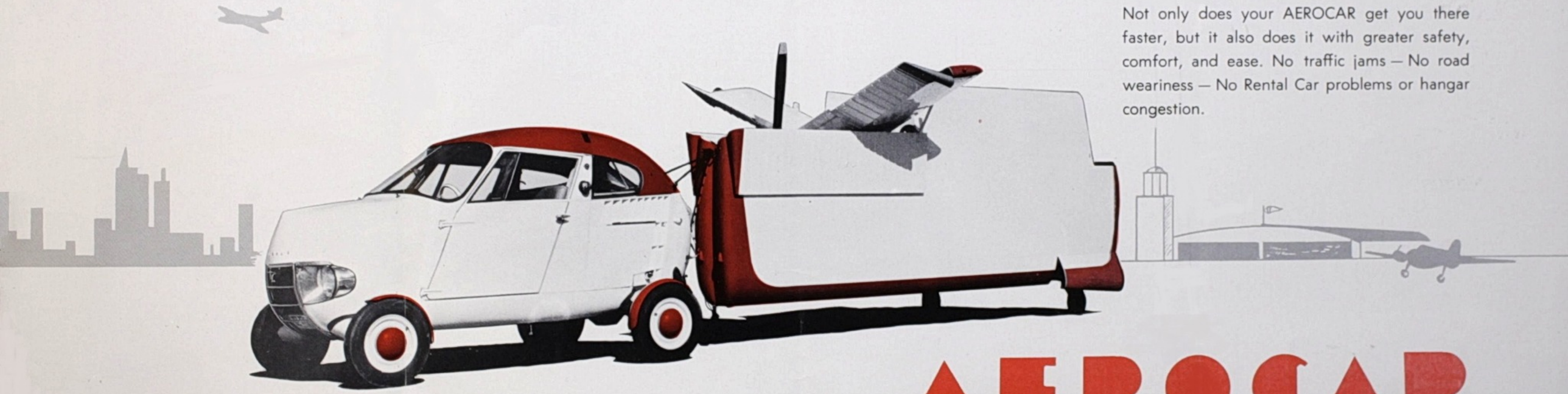
Land at an airport — and minutes later you are on your way to your **exact** destination with your folded wings-tail trailer in **tow** behind you. Complies with all motor vehicle codes for highway travel.

THE PERFECT CAR

AEROCAR is the **only** complete single vehicle that can make the trip from one point to a distant point at higher average speed than a modern automobile. From point to point AEROCAR can **average** better than 90 MPH.

Most convenient distance between two points

Not only does your AEROCAR get you there faster, but it also does it with greater safety, comfort, and ease. No traffic jams — No road weariness — No Rental Car problems or hangar congestion.



THE FLYING AUTOMOBILE **AEROCAR**

AEROCAR

STANDARD EQUIPMENT

Modified, fan cooled Lycoming 0-320 Horizontal Opposed, 4 cylinder aircraft engine. Derated to 143 H.P.
All engine and flight instruments required for FAA certification.
Speedometer with Odometer.
Engine Hourmeter.
Ignition switch starting (12-volt).
Special Heavy Duty Generator with voltage regulator.
Geared Starter with Torque limited Folo-thru drive.
Dual Magnetos with automatic spark advance, shielded, with locking ignition switch.
Roll Down Windows with wind wings on locking doors, both sides.
Cigarette Lighter and Ash Tray.
Safety Instrument Panel with extra instrument and radio provision.
Locking Gas Cap on Cell Type Fibreglas Fuel Tank.
Two tinted windshield visors.
All lights required for night flight and Motor Vehicle Code requirements.
Speed controlled blower for fresh and/or hot cabin air.
Dual electric windshield wipers.
Electric Horn.
Thermostatic Oil Radiator Control.
Two-tone Enamel Auto Paint on Fibreglas Car Body.
Built-in Radio Antennas.
Carburetor Air Cleaner.
Two-tone Vinyl Interior Upholstery and Headlining. Sponge Rubber Seat Cushions with no-sag springs.
Pilot and Passenger Shoulder Harness and Safety Belts.
Tufted Rubber backed Floor Rug.
Safety Rear View Mirror.
Safety Steering Wheel.
Fingertip Flashing Turn Signal Control.
Standard Automotive Three Speed Gear Box with Reverse.
Built-in Retractable Wheels and Jacks on Trailer.
Fluid Drive Auto Driveline and Propeller Shaft.
Rubber Mounted Drivelines, with Lifetime Sealed Bearings.
Stainless Steel Decorative Trim.
Ball Joint Front Wheel Suspension with Front Wheel Drive.
Stainless Steel Control Cables, Ball and Needle Bearing Controls.
Weather Protected Car Frame.
Expander Tube Hydraulic Brakes.
Automatic Flight Control and Propeller Shaft Hook-up.
Folding Wings of all metal construction.
Stainless Tipped, Plastic, Ground Adjustable Propeller with Spinner Cap.
Hard Plexiglas Wrap-around Windshield with Safety "pop-out" mounting.
Wheel Mounted Fenders.
Gravity Fuel Flow with Metal Gascolator Bowl and Filter.
Stall Warning Indicator, operates car horn.
Coil Spring with Hydraulic Shock Absorber Auto Suspension.
Safety Interlock Switches to starter on all Wings—Tail attach points.
Dual Flight Controls.
Combination Foot and Hand Throttle Linkage.
Parking Brake with Warning Light.
Additional Equipment, Including Radio and Special Instruments available on order.
Separate Clutch, Brake and Rudder Pedals.
Safety Automatic Flight Control Unlock.

PERFORMANCE

Top Speed	Over 110 MPH
Cruise Speed	Over 100 MPH
Rate of Climb (@ 2100 Lbs.)	Over 550 FPM
Ceiling	12,000 Ft.
Cruise Range (Fly)	Over 300 Mi.
Landing Speed	50-55 MPH
Landing Run (Braked)	300 Ft.
Take-off Run (Loaded)	650 Ft.
Practical Road Speed (Car)	55-60 MPH
Practical Road Speed (Trailer)	45-50 MPH
Road RPM	2,000 RPM at 50 MPH
Top Road Speed	67 MPH at red line
Road Range	Over 300 Mi.
Fuel Consumption (Fly)	8 GPH
Road Fuel Mileage	15 MPG
Plane to Car Change	5 Minutes
Car to Plane Change	5 Minutes
Rated Flight HP	143 HP
Effective Road HP	40 HP
Stall Speed (@ 2100 Lbs.)	51 MPH
Road Acceleration	62 MPH - ¼ Mi.

Licensed in Normal Category
Acrobatic Maneuvers Prohibited
80-87 Octane Aircraft Fuel Required

SPECIFICATIONS

Car Empty, Weight	1100 Lbs.
Trailer, Weight	400 Lbs.
Design Useful Load	600 Lbs.
Allowed Baggage Weight	100 Lbs.
Wing Span	34 Ft.
Wing Area	190 Sq. Ft.
Wing Loading (@ 2100 Lbs.)	11.0 Lbs. Sq. Ft.
Auto Road Tread	5′ 2″
Auto Wheel Base	6′ 8″
Trailer Wheel Tread	5′ 2″
Car-Trailer Length	26 Ft.
Baggage Space	14 Cu. Ft.
Baggage Space, Width	36″
Tire Size	4.50 x 12
Trailer Tire Size	10 x 3.50 x 4
Length (Aircraft)	21′ 6″
Height (Car)	5′ 4″
Height (Aircraft)	7′ 6″
Height (Trailer)	8′ 0″
Trailer Length	15 Ft.
Car Length	10′ 4″
Seat Width	44″
Power Loading (@ 2100 Lbs.)	14.7 Lb. HP
Car Ground Clearance	12″
Fuel Tank Capacity	23.5 Gal.
Trailer Width	96″

Approved FAA Type Certificate No. 4A16.

Produced By AEROCAR INTERNATIONAL CORP.
1300 Nashville, Fort Worth, Texas

Distributed By