

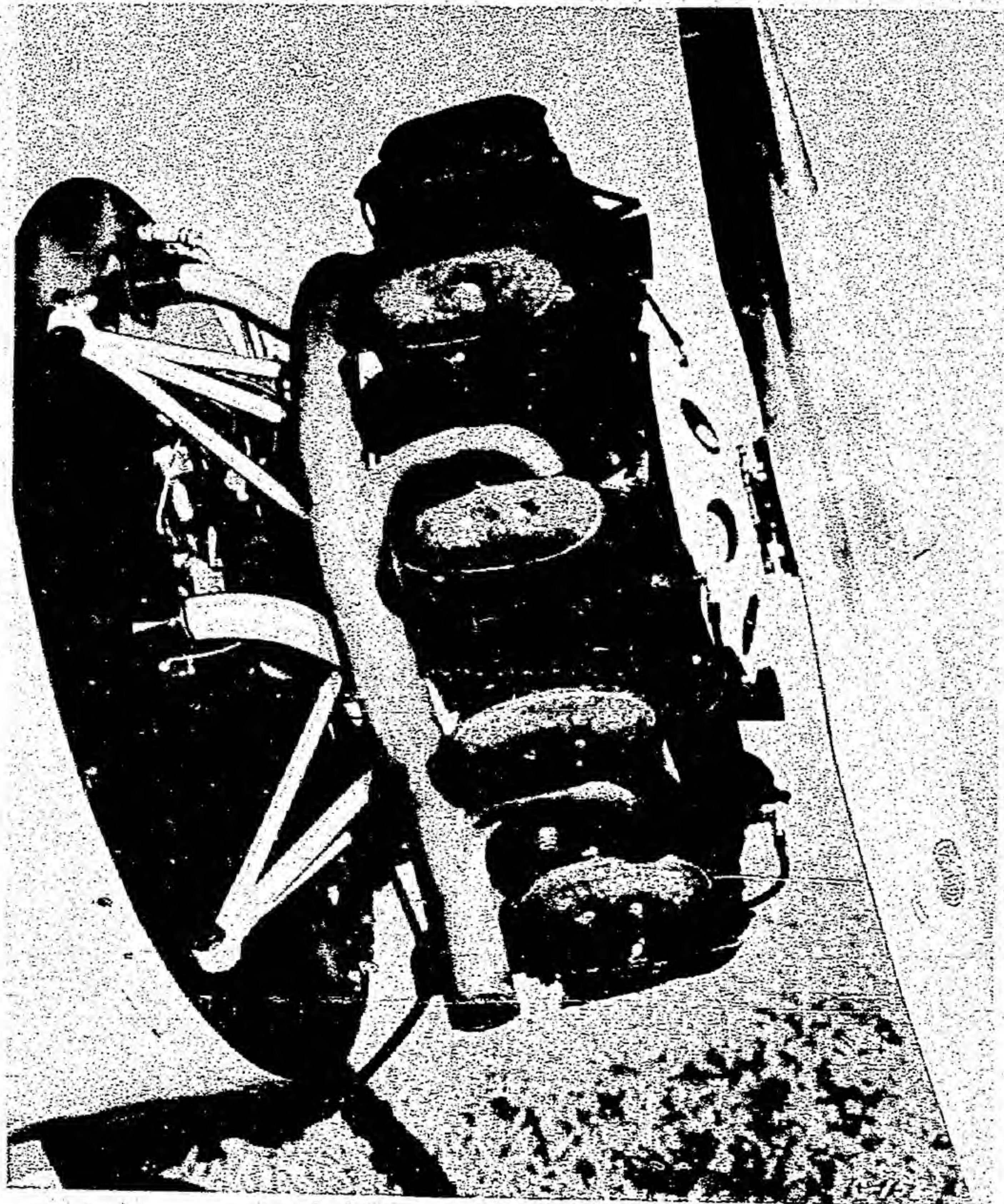


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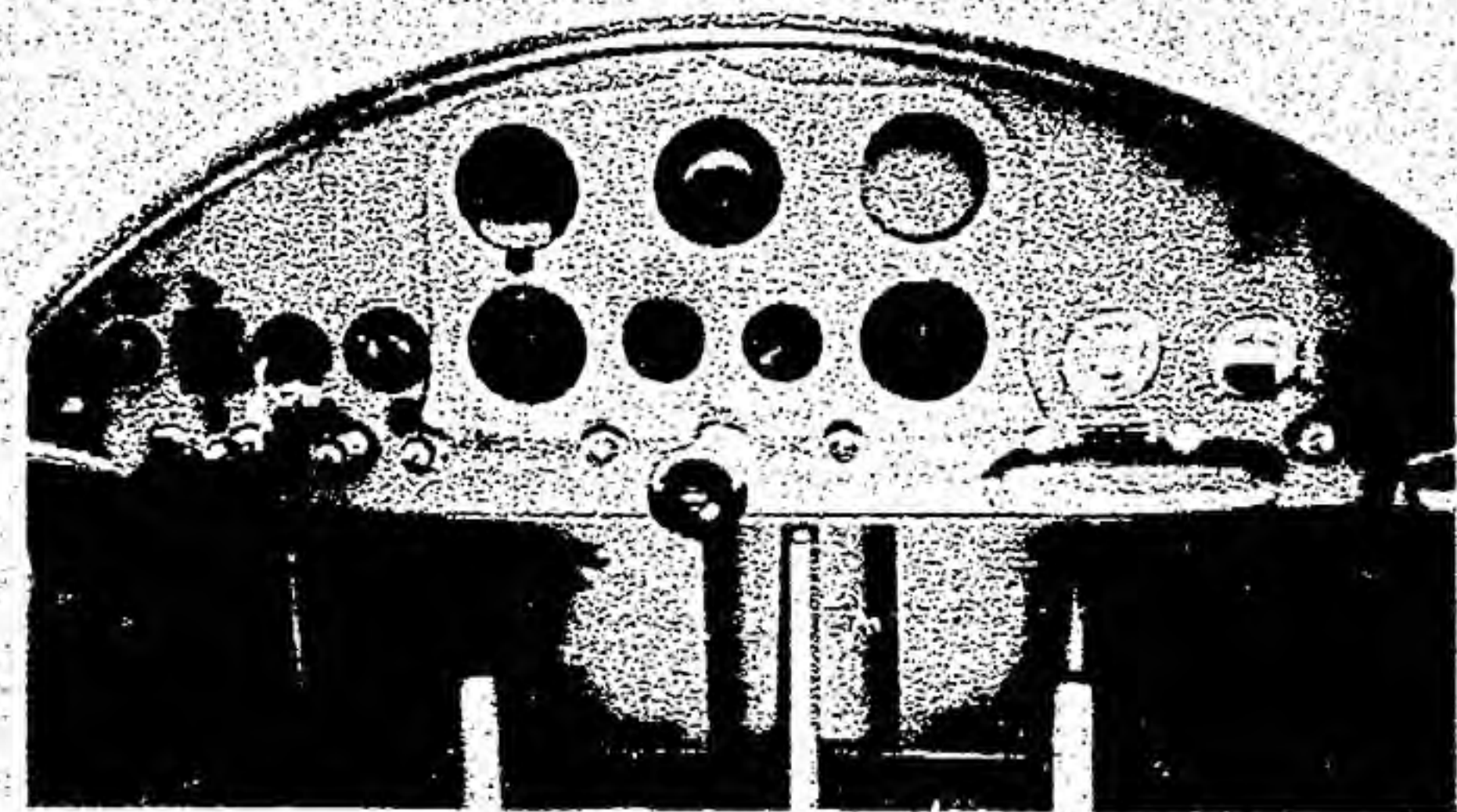
Cessna Times ad for C-38

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NEW TYPE ENGINE MOUNT REDUCES VIBRATION

Detail photograph of engine mount as employed in the Cessna Airmaster. New interlocked design and rubber bushings eliminate vibration.



CESSNA AIRMASTER INSTRUMENT PANEL

Carrying out the Cessna policy of combining sturdy utility with attractive appearance, a specially pressed instrument panel with false panel front has been designed for the new *Airmaster*.

Provision has been made to accommodate instruments in addition to standard equipment at any time. Standard equipment includes Kollsman instruments: Compass, Altimeter, Air Speed, Electric Fuel Quantity Gauges, Tachometer, Ammeter, Oil Pressure Gauge, Oil Temperature Gauge.

The panel also carries controls for the Eclipse Y-150 direct drive Starter, Hodge wind-driven Generator, Lights, Cabin Air Conditioning, Motor Controls, etc., all within easy reach and vision of the pilot.

Panel is finished in scratch-proof enamel in colors optional with customer.

CONTROL SYSTEM

Feather-light controllability at all times in the air and on the ground is an outstanding characteristic of the *Airmaster*.

All controls are dual, including brakes. The stick and pedals in the dual set are quickly and easily demountable when they are not needed.

Fafnir grease-sealed ball bearings are used throughout the control system to insure permanent ease of operation. Elevators are positively controlled by means of push-pull rods. Rudder and ailerons are controlled by cable. An endless cable, operating an irreversible worm-screw provides positive control for the elevator trimming tabs.

Advanced design and aerodynamic engineering have provided scientifically correct proportions for all control areas so that all air and ground maneuvers are performed with a minimum of manual effort and with full advantage of the inherent stability built into the *Airmaster*.

Marking a distinct departure from the conventional type of engine mounting formerly employed in Cessna airplanes, Cessna engineers have designed a 4-point, interlocked engine mount which provides extreme security for the engine; reduces vibration, by opposed distribution of mount members; provides for easy detachment at the fire wall and, through Lord rubber bushings, insulates against any possible vibration.

All engine controls are Arens push-pull, automatic locking type and *will not creep*.

The Cessna Airmaster is powered with the new Series 50 Warner Super Scarab engine developing 145 h.p. at 2,050 r.p.m. This 7-cylinder engine, with a piston displacement of 499 cubic inches, weighs only 305 pounds and assures a maximum of performance and load-carrying ability in this unit-engineered airplane.

The World's Most Efficient Airplane

STANDARD EQUIPMENT

Warner 6:50 x 10 semi-balloon wheels . . . dual controls, including brakes . . . combination parking brake and rudder lock . . . longitudinal trimming tabs . . . NACA cowling with pressure baffling . . . crankcase cowl . . . propeller spinner . . . Kollsman instruments—oil pressure, oil temperature, tachometer, altimeter, airspeed, compass, electric gasoline gauge, and ammeter . . . Eclipse Y-150 direct drive starter . . . battery . . . Grimes type C navigation lights . . . Hodge wind-driven generator . . . Fuel strainer type C-1 . . . Log books . . . *B & B First aid kit . . . *Complete tool kit . . . *Airplane and engine manual . . . Quart Pyrene fire extinguisher . . . Eight-inch streamline tail wheel . . . Complete set float fittings . . . Carburetor heat control . . . Mixture control . . . Spark control . . . Engine primer . . . Throttle . . . Complete set of tie-down lugs . . . Complete corrosion proofing for use as seaplane . . . Completely shielded for radio (excepting engine).

*Not included in standard empty weight of 1370 pounds.

WEIGHT DATA

(Standard Airplane)

Gross Weight	2350 lbs.	1065 Kilograms
*Empty Weight	1370 lbs.	613 Kilograms
Useful Load	980 lbs.	454 Kilograms
Payload	574 lbs.	260 Kilograms
Wing Loading	13 lbs. per sq. ft.	63.4 Kilo. per sq. m.
Power Loading	16.2 lbs. per h.p.	7.35 Kilo. per h.p.

*Empty Weight guaranteed not to exceed this figure by over 2%.

AIRPLANE DATA

(Standard Airplane)

Type:	Four-place Cabin Monoplane	English	Metric
Number of Engines	1		
Length	24 ft. 8 in.	7.5	Meters
Span (wing)	34 ft. 2 in.	10.4	Meters
Height	7 ft.	2.125	Meters
Wing Area	181 sq. ft.	16.8sq.	Meters
Propeller (Fixed Pitch, Metal)	Curtiss		
Positive operated flap			
Shock absorber (special Cessna design)			

The World's Most Efficient Airplane

