

PARTS RETAIL PRICE LIST

VIVELL 35

CYLINDER & PISTON

Cylinder Head (old style, Flat Bottom) \$ 8.00
 Cylinder & Piston (lapped in) . Specify Black or White 5.00
 Wrist Pin20
 Cylinder Head (Polished), Concave Bottom 1.00

CRANKCASE

Crankcase with bearing 3.50
 Crankcase cover90
 Crankshaft 3.50
 Connecting Rod (old, cast aluminum)90
 Connecting Rod (new, bronze insert) 1.00
 Prop Drive Washer30
 Prop Front Washer10
 Prop nut, each02

TIMER

Timer complete (assembled) 2.50
 Timer housing (specify with adi. points or old style)50
 Timer control arm30
 Timer tension band20
 Screw point lug washer and nut (old)40
 Screw point lug washer and nut (new)60
 Rocker Arm and point60
 Rocker Arm Spring10

FUEL TANK AND CARBURETOR

Gas Tank30
 Gas Tank Cover40
 Tank Bracket10
 Neoprene Gas Hose20
 Carburetor Jet60
 Needle Valve Assembly 1.00

MISCELLANEOUS

Gaskets (set)15
 Set of screws and nuts30

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

OUR SERVICE POLICY

Service Charge:

If engine is within the guarantee period, and we find that there is nothing wrong with the engine there will be a charge of \$1.50 for checking and test running.

If there is a defect in workmanship or material it will be repaired free of charge.

After the guarantee period there will be a charge of \$2.00 for any repair work plus the list price of parts used.

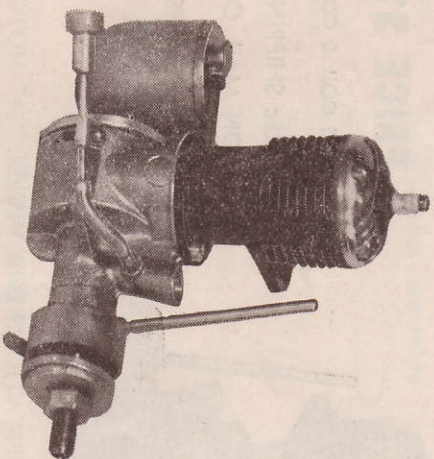
Send your motor in via insured parcel post, and you will be advised of the amount due when the motor is ready for you. Send no money at the time you send your motor.

Important: Terms—Strictly Cash With Order on all parts.

NO C.O.D. PARTS ORDERS!

THE VIVELL "35"

MODEL AIRPLANE MOTOR



SPECIFICATIONS

INSTRUCTIONS

RETAIL PARTS LIST

VIVELL MOTORS

2470 - 27th Ave.

San Francisco, California

The Vivell "35"

The Vivell 35 is a small class C motor capable of flying small Class C or large Class B free flight planes and is ideal for U-Control.

PRICE \$18.00

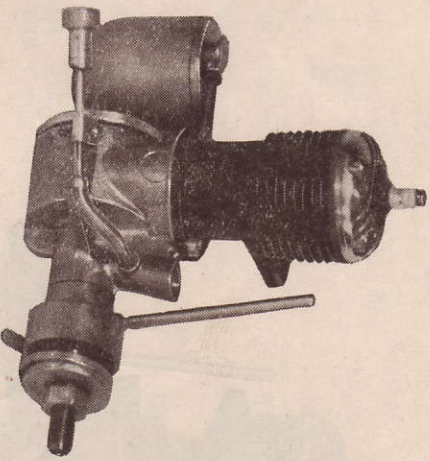
LESS COIL & CONDENSOR

ADD 25c SHIPPING CHARGE

ON MAIL ORDERS.

ADD 45c SALES TAX ON

CALIFORNIA ORDERS.



SPECIFICATIONS FOR VIVELL "35" MOTOR

Type.....	Two Cycle
Horse Power.....	1/5
Displacement.....	.35 cubic inch
Bore.....	.765 inches
Stroke.....	.763 inches
Bare engine weight.....	7 1/4 oz.
Flying weight—(with coil and condenser).....	10 1/2 oz.
Speed with 11" diameter propeller, 6-in. pitch.....	7500 to 8000 R.P.M.
Intake valve.....	Rotary
Gas Feed.....	Suction
Mounting.....	Shelf
Propeller.....	11 inch diameter
Thrust.....	45 oz.

FEATURES

- Cylinder machined from solid bar stock to micrometer precision.
- Piston honed and lapped to fit individual cylinder.
- Piston is machined from solid stock of special cast iron.
- Every motor tested and guaranteed to run.
- Special bronze main bearings.
- Crank-shaft machined from piece of solid alloy bar stock—counter balanced, hardened and ground to fine tolerance.
- Extra large bronze bearings on connecting rod.
- Flexible needle valve control.
- Enclosed ignition timer with adjustable points.
- The Manufacturer guarantees every Vivell 35 to run. Parts and Factory Service are available.

Price \$18.00 less Coil and Condenser

Add 25c shipping charge on mail orders. Add 45c sales tax on California orders Remit by Postal or Express Money Order only—No C.O.D.

VIVELL MOTORS

VIVELL 35

INSTRUCTIONS

Class C Motor

You have purchased a precision piece of machinery and we would like to see you get the satisfaction that has been built into these engines. First, see if you can get help from someone who has had experience with small two cycle engines. Second, be sure you have good batteries of sufficient size so that they won't run down rapidly. Do not mount in plane until you are familiar with running motor. Mount on a wooden test block and clamp in a vise or on a bench. Do not use flight timer or small batteries when you are bench running motor.

Now to start motor. Have the timer set so that the stationary point is a little to the right of top dead center (facing the motor). Raise timer lever slightly as motor starts. Open needle valve about five turns and flip prop to the left with a sharp snap several times. When motor starts turn needle valve slowly back to the point where it starts to 2-cycle. It will be necessary to experiment some with each motor to determine the exact position of needle valve and timer for best operation.

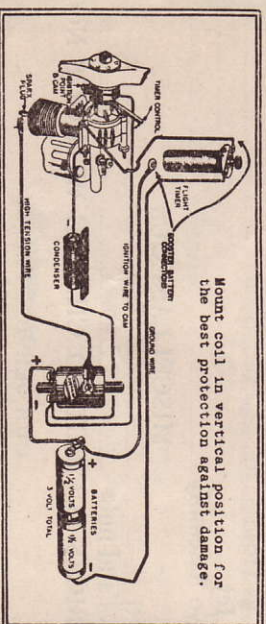
Use an 11-inch diameter 6-inch propeller and a fuel mixture of 1 part good grade S.A.E. 70 oil to 3 parts white gas. (Any cheap gas without lead will do.) Keep mixture clean.

Use fresh 3-volt battery and solder all connections except the high tension lead. Check wiring carefully as improper hookup may burn out coil or condensor.

When starting, motor must be choked to prime it (three drops in intake manifold) as the fuel hose is full of air bubbles and these must be removed and a charge of fuel drawn into the cylinder before starting.

Always disconnect battery when motor is not being operated to avoid burning out coil.

Do not take your motor apart. These motors have all been run and tested, and if it doesn't run it is probably something wrong with your batteries, hook up or lack of knowledge on your part; and taking it apart will not help you and will void your guarantee.



Standard Ignition Hook-up For Model Gas Engines

If you cannot get motor to start, do not tamper with it in any way as this will void the guarantee. Every Vivell 35 has been thoroughly tested at the factory and is guaranteed to run. If your motor will not run, return it with your name and address to the factory within 5 days from the date of purchase. The guarantee does not cover accidents or misuse.

Parts and factory service are available. Do not return the motor to the dealer from whom you purchased it as this will only delay repairs. For parts, repairs and factory service send to

VIVELL MOTORS
2470 - 27th Ave.
SAN FRANCISCO, CALIFORNIA