

of the circular discs by which the plane will be propelled, or in the case of the jet the ions and the energy will be obtainable at any point in the Universe from the oscillations of the Universe. Speed of the R. E. motor, which we first experimented with and which is shown in the pictures, was in excess of 12,000 R. P. M. No reason is indicated why speeds greater than 360,000 RPM will not be obtainable because the motor will be using current at a frequency of 6,000 cycles. Such frequencies are obtainable from R. E. by transposition just as the draft of the current with the R. E. device is adapted to the load, so also can the frequencies be varied as desired. An R. E. powered plane will not be propelled by conventional propeller blades but circular discs will be used which already have shown great promise and some successful experiments made with an experimental motor. The fast rotating circular discs reach their maximum speed in 60 seconds. During this period the greatest strain is reached and passed when inertia asserts itself and the strain on the motor is greatly reduced. At full speed there is very little vibration in the plane. In slowing down the propelling discs are again subjected to great strain for about 60 seconds. The size of an R. E. unit capable of delivering 60 K. W. will be about 42" X 26" X 22". This size of cabinet allows for better dielectric conditions over smaller size cabinets. To get greater K. W. output, units are connected in multiple series. Details of connection to motor and suspended plates will not be given here. This motor uses a rotating field while the armature is stationary. The armature is about 50 feet away, in the center of the plane, from the rotary discs of the field. Tesla proved this theory to be sound. A capacity connection between the armature poles and the field discs is used. Naturally many details have been withheld. Cost of such a plane will be less in mass production than standard airliners of today and speeds greater than that of jets will be obtained. It must be remembered R. E. motors are demonstrated realities although they are still in the experimental stage.

Books could be filled with accounts of the struggles for existence of a new idea or a new way of doing things. You need only read the story of the development of the telephone, the railroad, airplane, and the automobile, yes even the bathtub, and you will begin to appreciate the costs in sacrifice, money and unselfishness to promote a new and revolutionary movement, irrespective of the vast good it accomplishes when established for the use of humanity. (See Ralph Parlett's "Pockets of Paradise".)

The Moray Energy Equipment has been thoroughly, experimentally, tested and its possibility established. It has been experimented with under all kinds of physical and weather conditions. It has been tested many miles from all power lines before capable and disinterested electrical men and distinguished scientists to their satisfaction and or about which they could find no fault.

The discovery of the natural principles and laws through which energy has been captured and made a part of the great discoveries in electrical science was brought about by years of intensive work with this one phase of