



The Remy Ignition System on Aircraft Engines: Instruction Book (Classic Reprint)

By Great Britain Ministry of Munitions

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Remy Ignition System on Aircraft Engines: Instruction Book The Remy Ignition System differs from the usual magneto system in that an external source of current supply is essential to its operation. In both systems the fundamental principles involved are identical, but in the Remy system their application is less direct. In the case of a magneto of conventional type, the armature revolves in the field of a permanent magnet, carries primary and secondary windings, and serves as a combined generator and induction coil. Low voltage current is generated in the primary winding; high voltage current is induced in the secondary winding, when the primary circuit is broken by the opening of the contact breaker points. As the secondary winding is in connection with the plugs, via the distributor and leads, a spark passes each plug in order, since the voltage immediately attains a very high value and overcomes the resistance of the gap. The path of the magnetic flux, which threads the armature windings, changes instantly when the primary circuit is broken, the change...



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