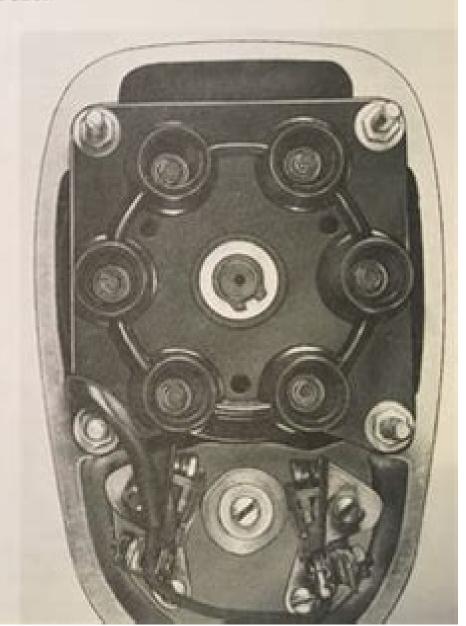
SECTION I

DESCRIPTION

- 1-1. The Bendix S-1200 Series Magnetos are designed to provide ignition for four, six and eight cylinder aircraft engines. The magnetos generate and distribute high tension current through high tension leads to the spark plugs. Because of the one piece housing design, these high tension magnetos are comparatively easy to maintain and overhaul.
- 1-2. The magneto is a completely self contained unit. The rotating magnet turns on two bearings, a roller bearing at the contact assembly end and a ball bearing at the drive end. The bearings require no preloading or shimming.
- 1-3. In four and six cylinder magnetos, a two lobe cam is secured to the contact assembly end of a two pole rotating magnet. Four cylinder magnetos are driven at engine speed: thus four sparks are produced through 720° of engine crankshaft rotation. In six cylinder magnetos, the rotating magnet is driven at 1 1/2 times engine speed, thereby producing six sparks through 720° of engine crankshaft rotation.



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web optical waveguides are the basic elements for confinement and transmission of light over various distances ranging from tens or hundreds of μm in integrated photonics to hundreds or thousands of km in long distance fiber optic transmission optical waveguides also form

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