



# AEROSPACE INFORMATION REPORT

# AIR 978A

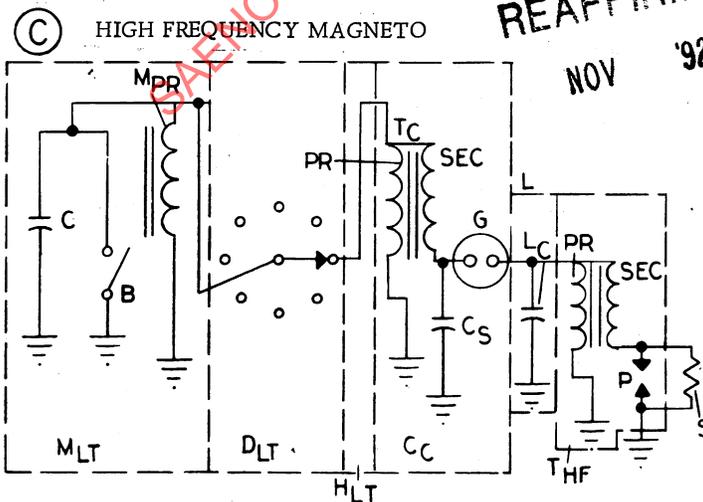
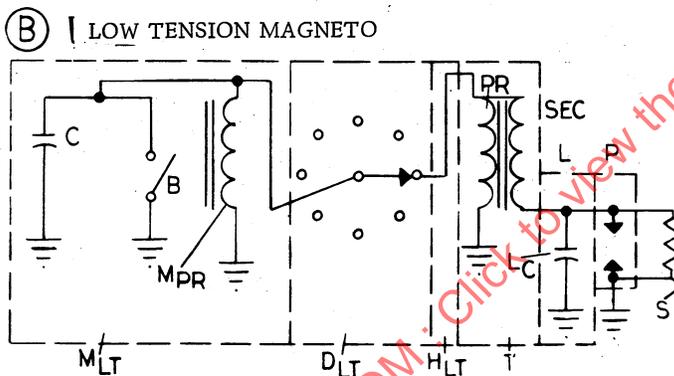
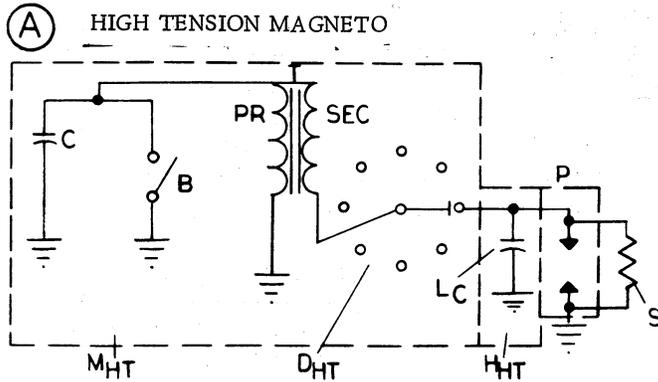
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## DIAGRAMS AND CHARACTERISTICS OF TYPICAL PISTON ENGINE MAGNETO IGNITION SYSTEMS



### LEGEND

MHT: MAGNETO-HIGH TENSION  
 DHT: DISTRIBUTOR-HIGH TENSION  
 HHT: HARNESS-HIGH TENSION  
 C: BREAKER CAPACITOR  
 B: BREAKER  
 T: TRANSFORMER-HIGH TENSION  
 PR: PRIMARY WINDING  
 SEC: SECONDARY WINDING  
 LC: LEAD CAPACITY  
 P: SPARK PLUG  
 S: SHUNT RESISTANCE

MLT: MAGNETO-LOW TENSION  
 DLT: DISTRIBUTOR-LOW TENSION  
 HLT: HARNESS-LOW TENSION  
 C: BREAKER-CAPACITOR  
 B: BREAKER  
 MPR: MAGNETO-PRIMARY WINDING  
 T: TRANSFORMER  
 PR: PRIMARY WINDING  
 SEC: SECONDARY WINDING  
 L: LEADS-HIGH TENSION  
 LC: LEAD CAPACITY  
 P: SPARK PLUG  
 S: SHUNT RESISTANCE

MLT: MAGNETO-LOW TENSION  
 DLT: DISTRIBUTOR-LOW TENSION  
 HLT: HARNESS-LOW TENSION  
 CC: CONVERTER TRANSFORMER COIL ASSEMBLY  
 L: LEADS-INTERMEDIATE VOLTAGE  
 THF: TRANSFORMER-HIGH FREQUENCY AND SPARK PLUG ASSEMBLY  
 C: BREAKER-CAPACITOR  
 B: BREAKER  
 MPR: MAGNETO-PRIMARY WINDING  
 TC: CONVERTER TRANSFORMER  
 PR: PRIMARY WINDING  
 SEC: SECONDARY WINDING  
 CS: CAPACITOR-STORAGE  
 G: SPARK GAP  
 LC: LEAD-CONNECTOR CAPACITY  
 PR: PRIMARY WINDING  
 SEC: SECONDARY WINDING  
 P: SPARK PLUG  
 S: SHUNT RESISTANCE

REAFFIRMED

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