



FRANKLIN SERVICE BULLETIN

NO. 33

DATE: 6/4/46

SUBJECT: **DIAGRAM** OF INSTALLATION OF HIGH TENSION IGNITION WIRES AS USED ON
6A4-150-B3 FRANKLIN ENGINES

Attached you will find a diagram of the installation of high tension ignition wires used on 6A4-150-B3 Franklin engines as installed on these engines in the Stinson 150 Voyager and the Bellanca Crusair.

This diagram will be of assistance to you when handling magneto or wiring installations.

Please have your mechanics review this bulletin before placing it in your bulletin file.

AIRCOOLED MOTORS, INC.

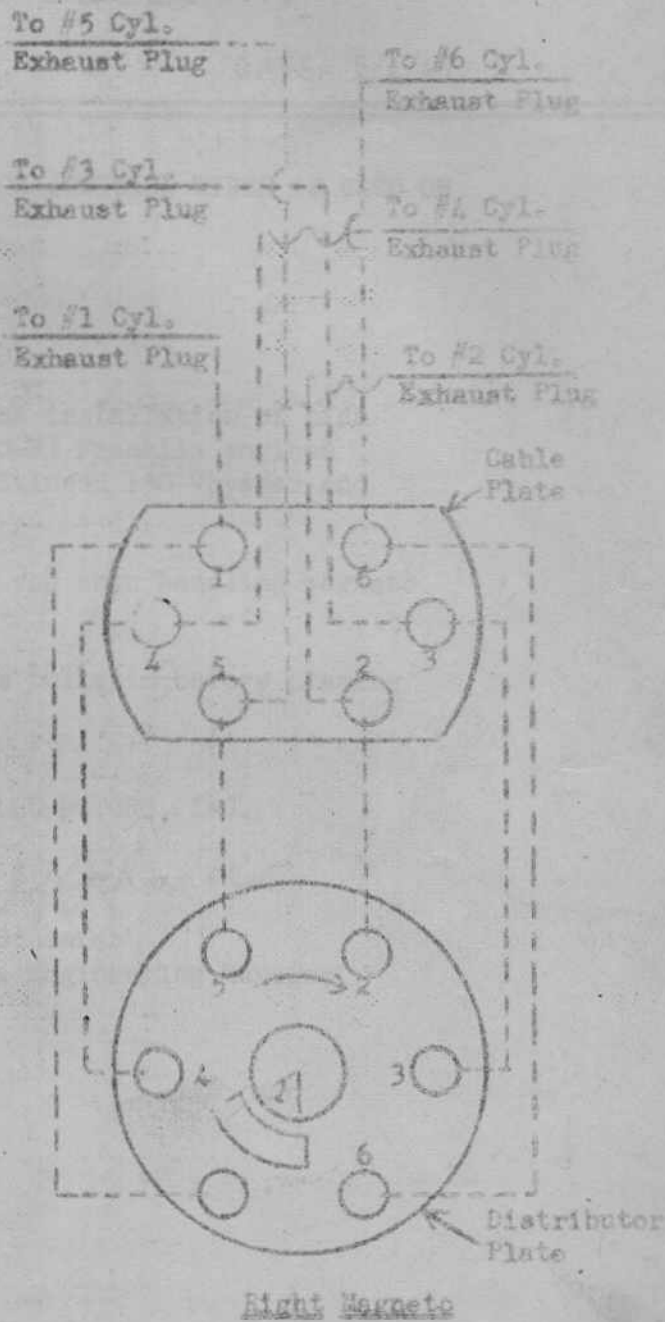
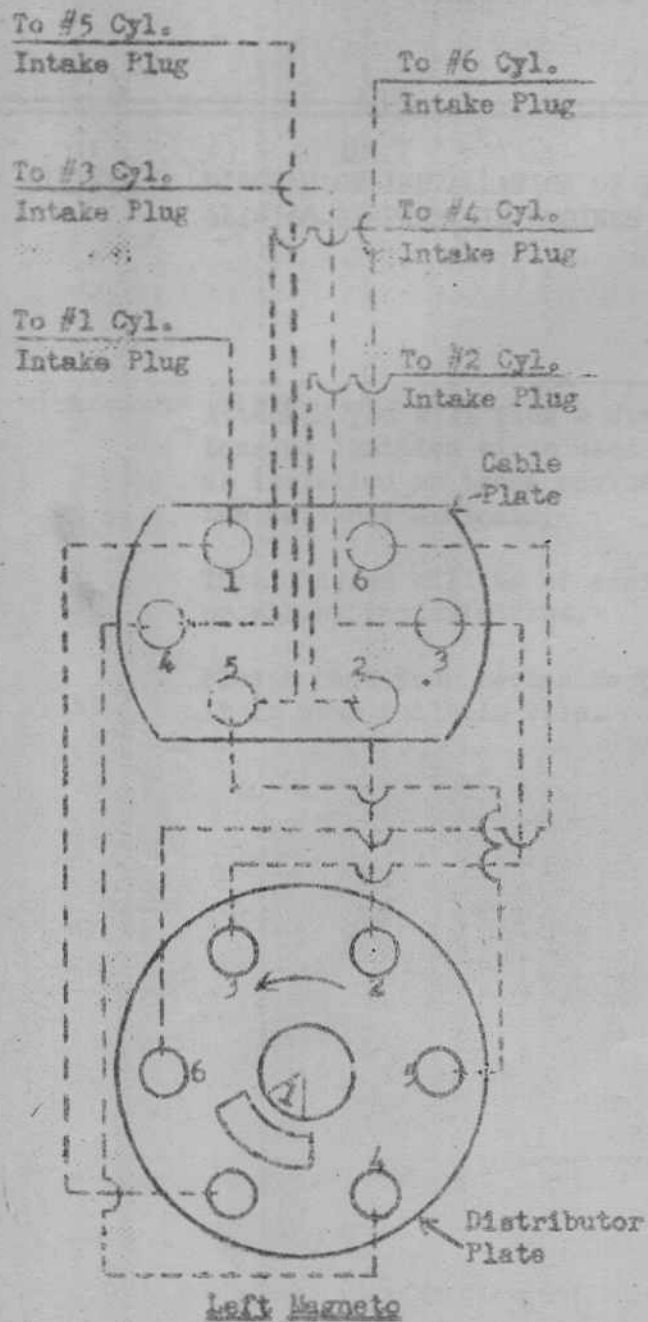
F. J. Schaefer
Service Engineering Manager

DIAGRAM OF INSTALLATION OF HIGH TENSION IGNITION WIRES

AS USED ON 6A8-215-B8F FRANKLIN ENGINES

EQUIPPED WITH EISEMANN LA-6 MAGNETOS

NOTE: Magneto distributor rotation is counterclockwise on the left magneto and clockwise on the right magneto when looking at the back cover plate end of the magneto. Engine firing order is 1-4-5-2-3-6. Left magneto is on odd numbered cylinder side of engine.



Length of Wires from Distributor Plate to Spark Plugs

#1 - 39"
#2 - 53"
#3 - 31"

#4 - 47"
#5 - 22"
#6 - 39"

#1 - 55"
#2 - 35"
#3 - 47"

#4 - 29"
#5 - 39"
#6 - 22"