



SERVICE NEWS

AIRCOOLED MOTORS INC.

SYRACUSE 8, NEW YORK

Date: 3/8/51

No. FSN 14

**SUBJECT: EXHAUST VALVES AS USED IN FRANKLIN MODEL 6A4-150,
6A4-165, 6V4-178, 6V4-200 AND 6A8-215 ENGINES**

Reports have been received from the field that magnetic particle indications have been noted on exhaust valves from the above subject engines during magnetic inspection.

The indications observed are at the location where the valve head and valve stem are welded together. The indications are apparent at the weld, since the valve head and the valve stem are of different materials; not having identical magnetic properties.

We have never had reported a valve failure at the weld location and it is felt that the magnetic particle indications observed at the weld do not prove that flaws are present and such indications are not the cause for rejection of the valve. Below is a sketch showing the location at which the indications have been noted.

