

Material Analysis of Components — Metal Check

Major components from each of the four competitor's rifles were sent to the Chem. & Met. Lab for analysis. Hardness numbers were recorded for each part along with the material composition as obtained on the mass spectrometer. Then a metal designation (AISI Equivalent) was arrived at for each component that best fit this data. The table on the next page summarizes this data. (See Appendix <sup>3</sup> for a complete elemental analysis of each component. The numbers shown then represent the percentage of that element in hundredths.

Example: C.18 means that there is .18% carbon present.)