

NEW TRANSISTORS FOR TELSTAR II -- New "evacuated" transistors, so called because all air and gas has been removed, have been developed for use in the Telstar II communications satellite. U.S. scientists believe the ionization of gases in the transistors of Telstar I caused that satellite to stop functioning early. They hope the elimination of the gases in transistors of Telstar II's command circuit will make the satellite less susceptible to radiation damage. Here Victor Yanega of Western Electric Company and Willard Kauffman of Bell Telephone Laboratories check some of the new transistors before installation in the satellite. (63-2158)



SCIENCE - ARTIFICIAL SATELLITE: TELSTAR