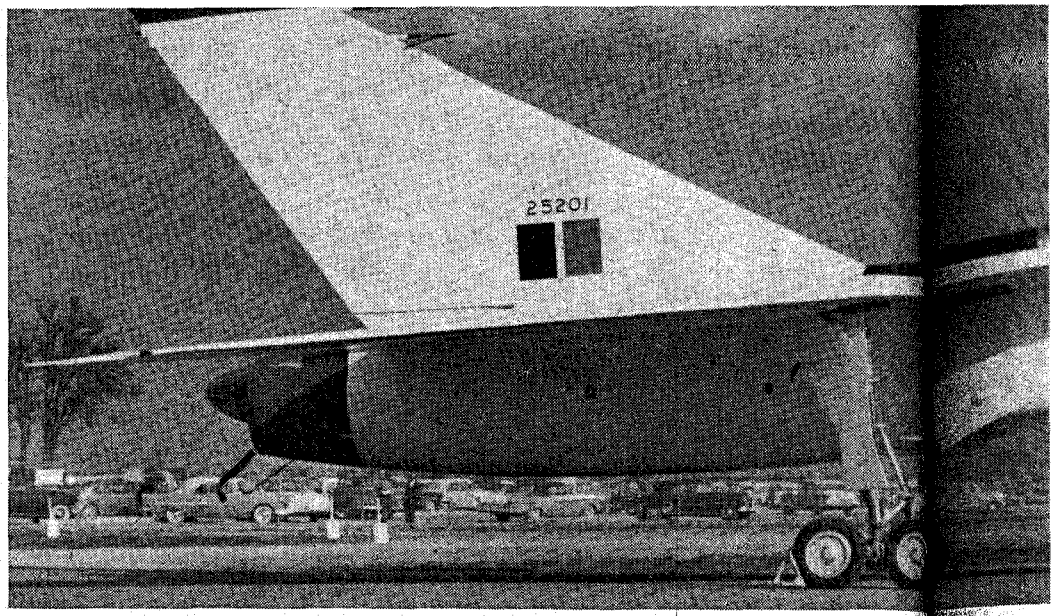
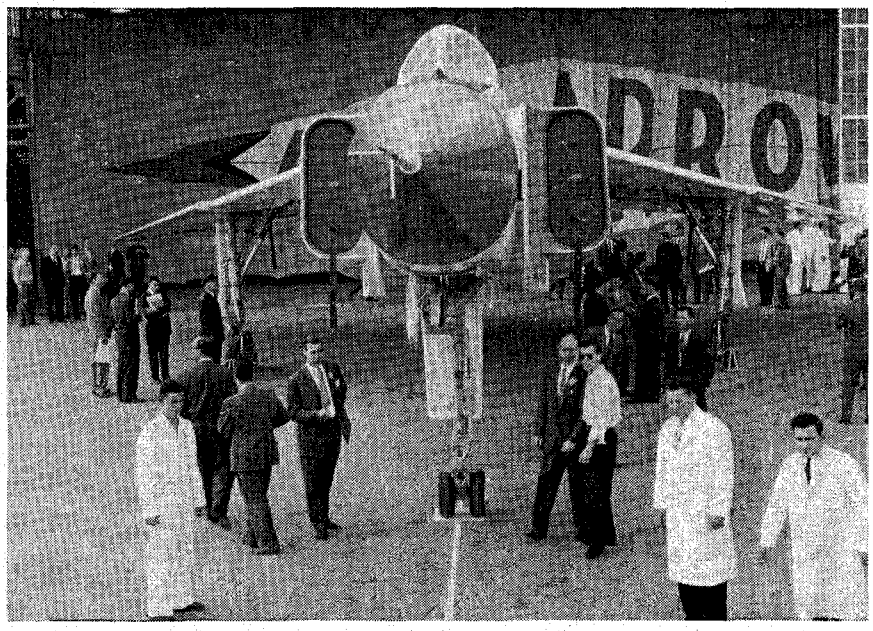
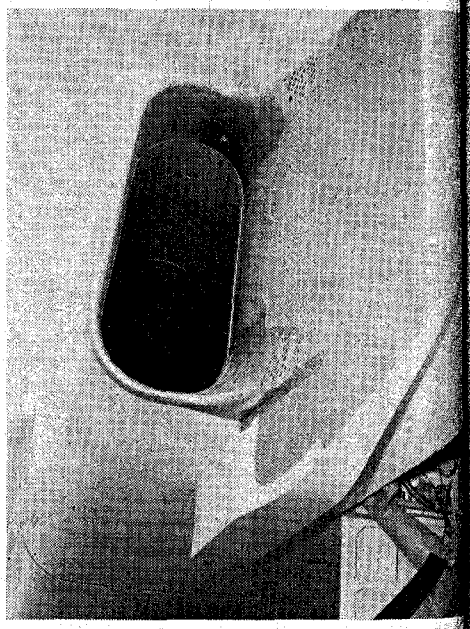
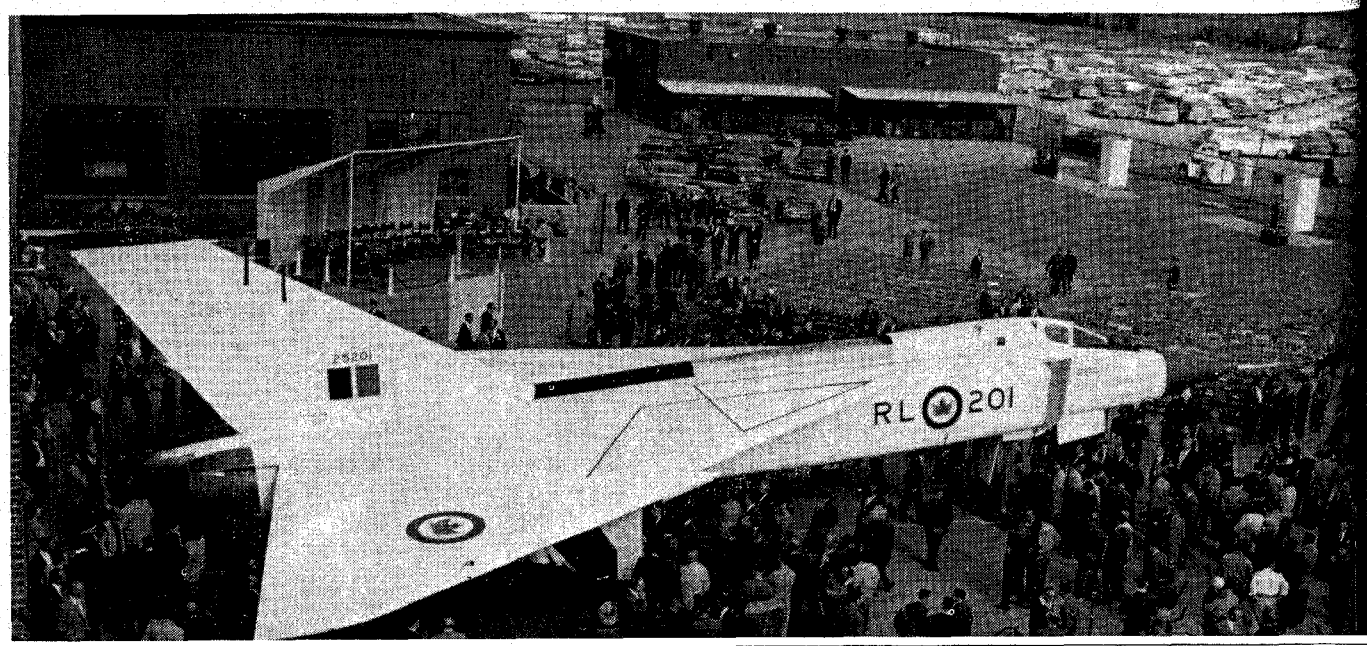
Avro's CF-105 Arrow

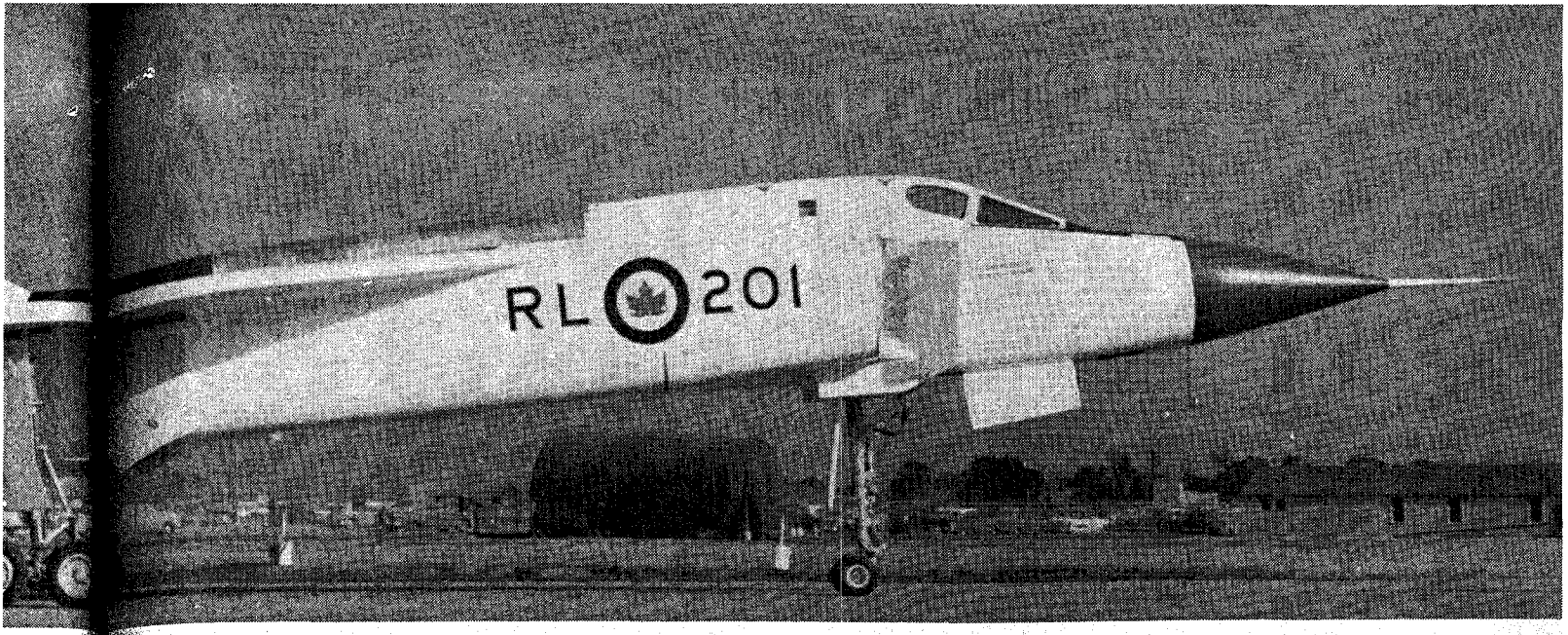




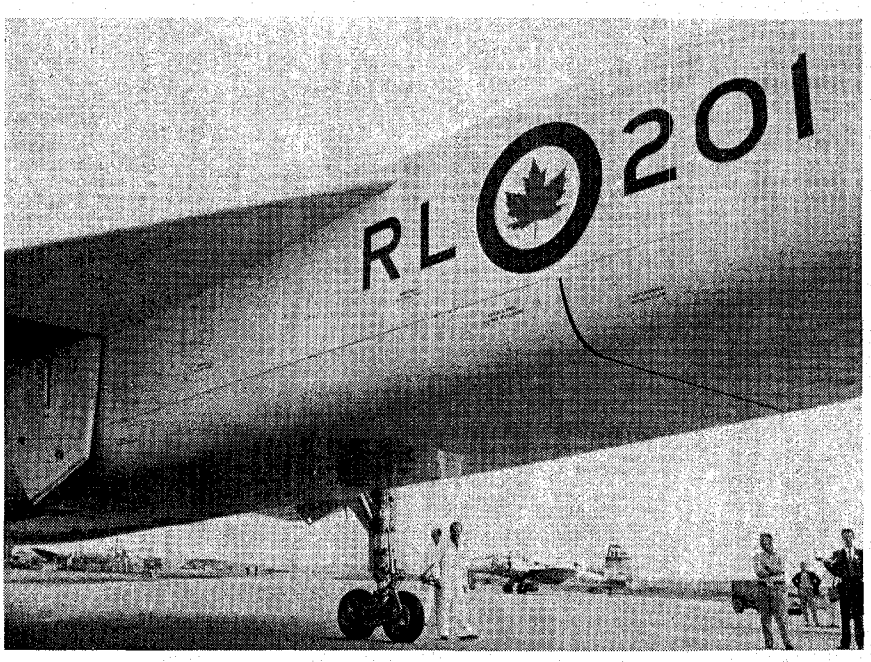


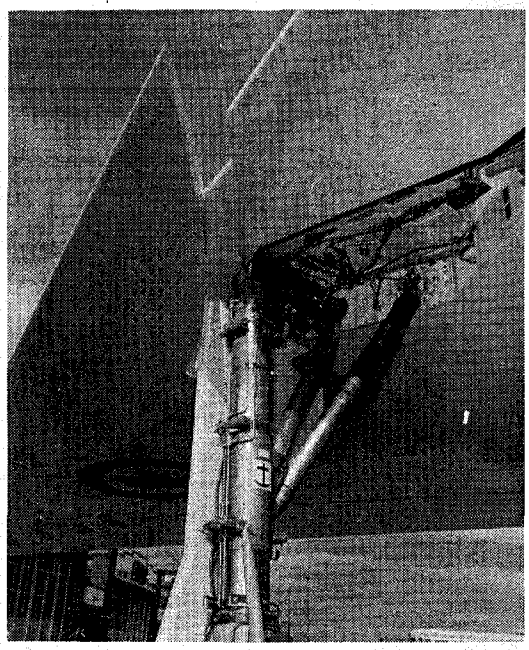
ON DISPLAY. Following up exclusive coverage of the CF-105 roll-out in the October issue of Canadian Aviation, here is Howard Levy's dramatic photo report on the latest milestone in development of the aircraft industry in Canada. Top left, a frontal view accentuates the sharp sweep-back of the delta, the squared-off, oblong configuration of the twin intakes. Top right, a close-up of the intake. Note particularly the perforations on the fuselage buffer just fore of the intake scoop. They make for smoother air flow at supersonic speeds. Below, a full view of the delta configuration emphasizes the size of the Arrow.





Thirty tons of supersonic metal, electronics . . . . and men!





CLOSE UPS. Levy's camera picks out the features. Top left, the spacious armament bay said to be capable of accommodating a hydrogen weapon for tactical missions. Top right, main undercarriage represents a triumph in Canadian development in the use of high tensile steel. Note the notch in the delta leading edge, a device which aids air flow at trans and supersonic speeds. Bottom left, the blunted trailing edge and tips of the delta. Wing control hinge housing is evident. Bottom right, the main bogey gear. In landing configuration the bogey is canted so that rear wheel touches down first, easing the landing shock.