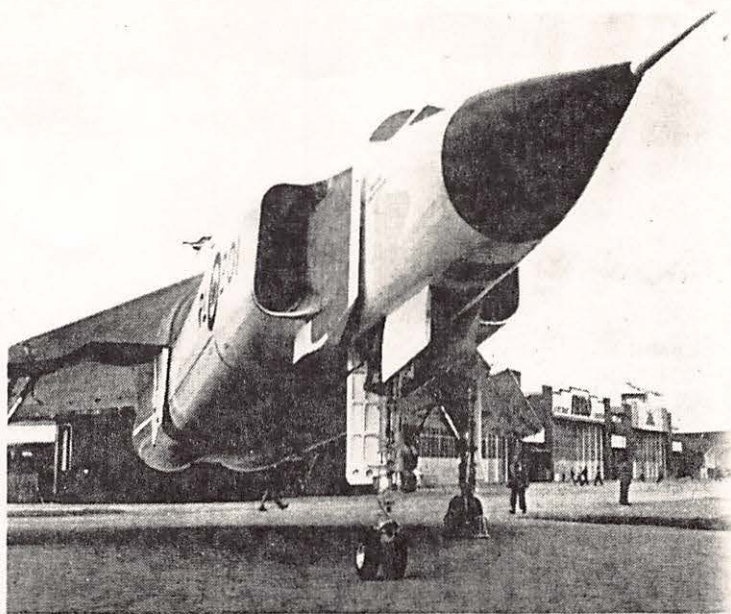
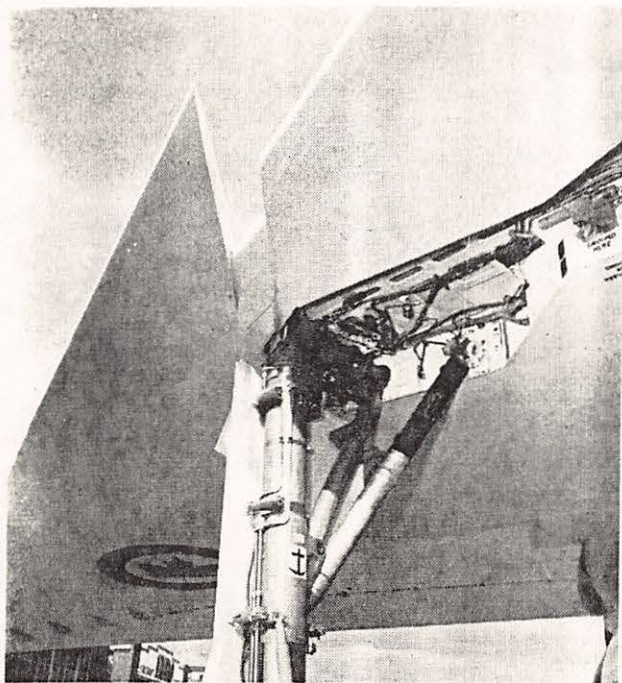
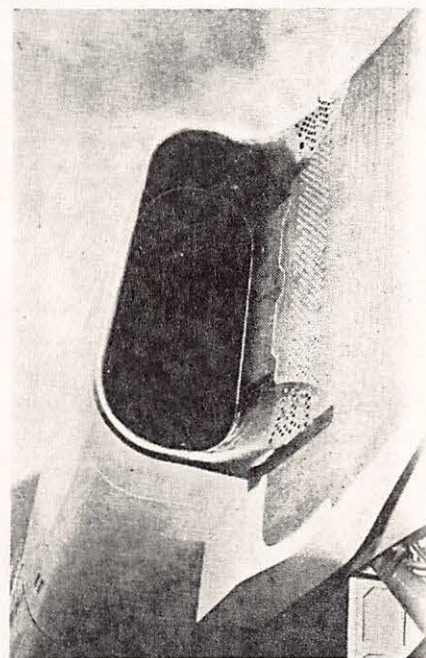


Canada's Arrow

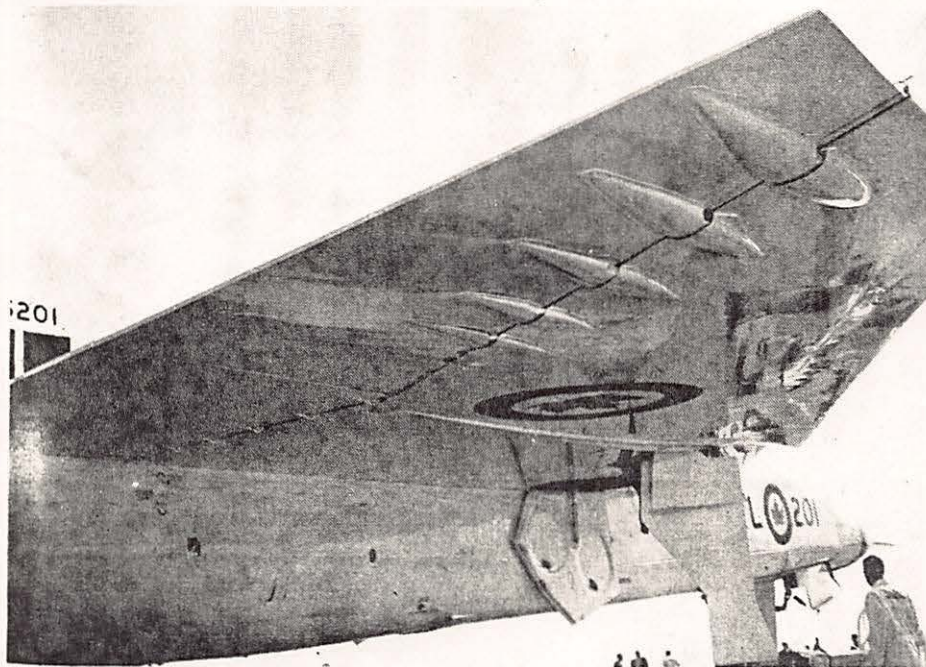
Some close-ups of the new Avro Aircraft supersonic all-weather fighter which made its first flight on March 25.



Above, the Arrow's fuselage is characterized by a "rectangular" cross-section to accommodate the side-by-side powerplants—which in the prototype are Pratt & Whitney J75s; production Arrows will have the Orenda Engines Iroquois turbojets. Left, the combined saw-tooth and "cut" in the leading-edge of the exceptionally thin 60° swept wing.



Above, boundary-layer bleed arrangements for the Arrow's supersonic air intakes; note the perforations for secondary boundary-layer bleed. Left, to house operating jacks for the control surfaces at the trailing edge of the 4" wing external fairings are necessary; note the thick, flat, trailing-edge which is intended to act as a form of vortex generator to prevent flow breakaway on the control surfaces.



Howard Levy photographs

