Varied Aircraft Work

Genaire Continually Adjusting to Times



Control surfaces on an aircraft determine its path of flight, Irving Champoux, of 30 Chetwood St., left, and Felix Guzowski, of 16 Woodrow St. are shown riveting a metal skin to a control surface of an RCAF Expeditor



Fabric covering for aircraft, described by Genaire Ltd.'s resident as "almost a lost art," is one of the many daily tasks performed at the company's airport plant. Here, Ted Kaminskis, of 475 St. Paul St. in St. Catharines, sews fabric to the rudder of an RCAF Expeditor.

By GUY BOUCHER Standard Reporter

VIRGIL - Adjusting business needs to the times, dating equipment and personnel to use it, has been the reason for Genaire Ltd.'s growth, according to its president.

H. B. Picken, president and chief engineer, is well qualified to speak on the company's successes. He was one of the original directors of this aeronautical company, which started almost 11 years ago in a hangar at Niagara District Airport and now employs a staff of 90 specialists.

"We concentrated on armament work at first," Mr. Picken "We are one of the few civilian firms employed to work on armament, and in the past have serviced more than 5,000 items. This type of work has been gradually changing.

Airframe Parts

"A major portion of our work now is with the repair, overhaul and modification of airframe anything we use is kept track components and accessories. of from the time it is a piece We also service quite a bit of of molten metal until it enc up ground handling esuipment.

aircraft engines, instruments, propellers or radios. We do install radios, but that is all."

this saves quite a bit of time. The company can repair or mo-The company can repair or modify a plane and release it without waiting for confirmation magnetic materials. It is fluoresfrom Toronto.

Complex Equipment

iety of very complex equipment any cracks will glow from the for example, installations in the oil. new hydraulic lab, just being I toured the plant with Mr. built. "One of the machines in Picken, and was amazed at the this lab," Mr. Picken said, "has diversity of their operation. been designed and built right One group of men were work been designed and built right.
here in the plant. With it we ing on Navy Sonobuoy markers, can check out jet hydraulic equipment, landing gears, brakes, actuators and dampen and compressors. Another group ers for military aircraft.

bit of time. Everything we do is hottest jet fighter-bomber. under strict government control.
We have three resident RCAF to Mr. Picken are "highly soinspectors and five department phisticated," are filled under of transport-approved inspec-simulated aerial refueling contors. Take our library, for in-ditions in a special cage. stance. It is subject to audit by 142 gallon capacity is filled in the Air Force, to make sure about three minutes. everything is up to date.

More Paperwork

around here. That is because were busy stitching and doping



Tools of the trade vary from orkman to workman. For H. B. Picken, president and chief engineer of Genaire Ltd., slide rule and blueprint.

on our shelves. We can trace a equipment installation. "We do not do any work to bolt back to the melting pot it

stall radios, but that is all."

Mr. Picken is accepted by the department of transport as a representative of his firm and a qualified aeronautical engineer. This is an invaluable aid to business. On new design and stress analysis, his approval is accepted by the department, and this saves quite a bit of time that the saves quite a bit of time the saves quite a bit of time

Useful Oil

cent under ultra-violet lamps. We paint it on, wash it off com-The company has a wide var-pletely, and under the lamps,

were busy with maintenance "Testing is one of our major work on wing-tip fuel tanks from functions, and takes up quite a CF-104's, Canada's newest and

Fabric Covering

"We are one of the few firms "We carry a large inventory, and I bet we do far more paperwork than any other plant becoming a lost art." Three men

Another major item of repair is skis. Not sport skis, but air- Bonaventure." craft skis. These are made of heat-treated metal, and then polyethylene is bonded to the bottom. A set for a DC-3, pos-plants. They are at Malton Airsibly the biggest skis made, were ready to be shipped out

Men were also working on fuel tanks in a second hydraulic lab used for pumps, and in a workshop used for small tooling.

Helicopter Skids

"Another project coming up is design of a new set of high skids for helicopters. We draw them up, prepare a stress analysis for them, and submit all this for DoT approval. If it is approved, we can start building

"Some of our big projects in not based in Toronto the past have been the installation of geo-physical equipment Niagara - on - the - Lake, is the for nearly all the prominent firm's vice-president and map Canadian mining companies, in-stalling cargo doors on aircraft, Mitchell is assistant chief eng spray equipment on helicopters, neer and chief of quality conelectrical power units, and a trol. Tony King, a mechanical complete international radio engineer, is project engineer

control surfaces from an Air "One of our subsidiary com-Force Expediter. "Panies, which handles life jackets and rafts, outfitted HMCS

Niagara, Malton

The company has two other port and Niagara-on-the-Lake.

The Niagara site is for ground upport equipment. This includes hydraulic and electric test gear, compressors for starting jets, hydraulic jacks and cradles, mobile stairways, and any other ground equipment.

At Malton, the company provides line service for the American Airlines fleets. This involves Boeing and Convair aircraft. It also provides all maintenance and passenger-handling services for a number of charter carriers

G. R. Wooll, now mayor of with the company