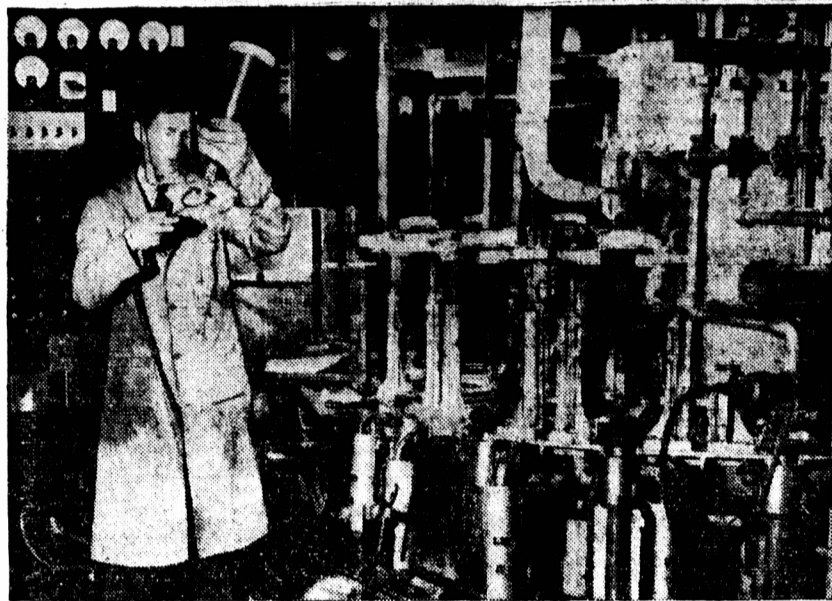


Wartime Scientific Progress in Canada Promises Peacetime Luxuries, New Jobs



Cleanliness and neatness predominate in Toronto's Research Enterprises, busy at work on a hundred new devices to aid war, make life happier after.



Trained technicians check the mount mechanisms of the delicate cathode ray tube, used in secret wartime radio devices. Plastics, synthetic rubber, high octane gas employ hundreds of Canada's chemists, will create many industries.



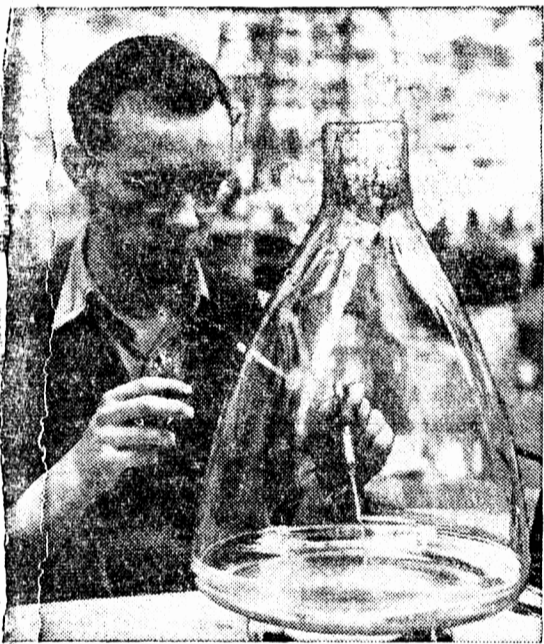
Intricate mechanism exhausts the air from nearly-finished cathode ray tube by electricity and liquid air. Much of scientific apparatus will be used in television and other important radio advances for civilian needs after war.



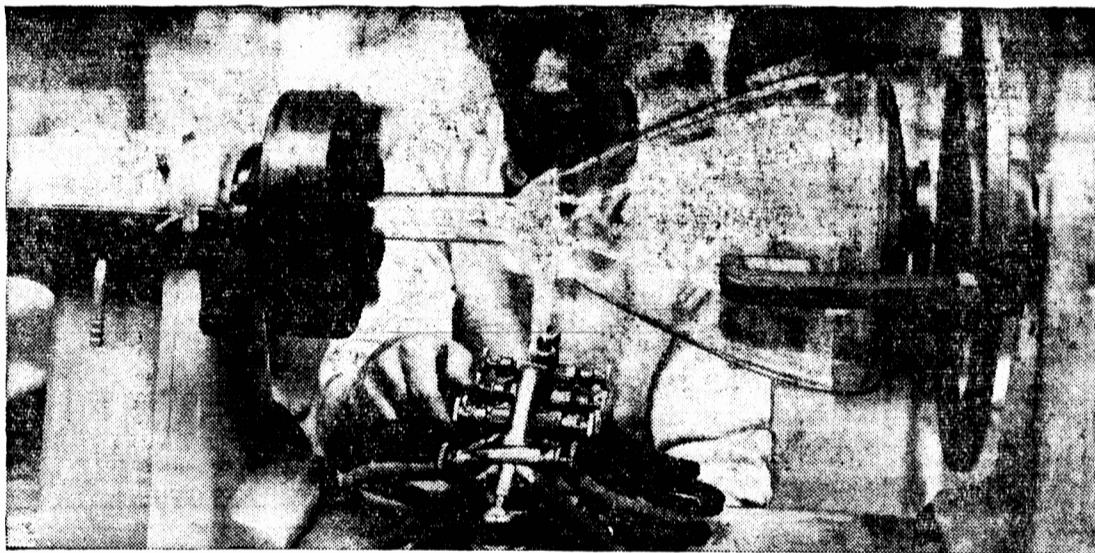
Newly-manufactured equipment is put through severe tests (top photo) to insure first class performance. In lower picture glass worker is sealing ray tube.



Cathode ray tube parts are cleaned in the vacuum firing machine which drives all gases from metal. This equipment is vital to Canadian fighting men.



Flame-thrower burns hole in vase-like tube. Young worker, typical of thousands of young people who now enter war industries, moulds electric terminal.



This item is one of many now being manufactured in Canada, which were imported before the war. Plants will remain to fill needs of country in peacetime.

NATIONAL FILM BOARD PHOTOS BY Nicholas Moroni.



GEN. GEORGE C. MARSHALL
Gen. George C. Marshall, U. S. chief of staff back from invasion conferences abroad, is rumored as a possible commander of United Nations forces when attack comes.

Mess Room Chatter Of Canada's Airmen

By Alan Randall
Canadian Press Staff Writer
WITH THE R. C. A. F. SOMEWHERE IN ENGLAND, June 16 (CP) — It is going to be tough on the sedate society of this bar when the war is over and "Chazz" decides to return to law, particularly if he does things there as he does them in the air force.
Chazz, in the air force, is a sort of triple personality. He is an efficiency expert in the "paper work" of a bomber squadron, a showman who would have delighted Barnum and a great propaganda man for Selkirk, Man. That is his hometown.
He is Lt. Joseph Chasanoff, the "Mad Ad" of the R.C.A.F. Nobody would argue his succession to this title now that Danny McCann of Ottawa has become a squadron leader and station administration officer. Together on the same station the "Mad Ad" and "Wild Dan" make quite a team. A year ago Chazz skulked his way across the Atlantic on a transport which had Lt.-Gen. A.G.L. McNaughton as a passenger. He went first to fighters as a flying officer, then to bombers with the extra ring of a flight lieutenant.
Here he gets lots of things done with about as little display as a three-ring circus. Nothing is impossible. Red Tape is merely something to be cut, but fast. The chances are Chazz stays awake at night thinking up things that nobody ever tried before. Like "Wild Dan" this fat fellow of 25 tried to be a pilot and couldn't. Next best bet is to be close to the boys who do fly and as adjutant of a bomber squadron he can do that. He watches them away each night, waits for them to come back in the morning.
It was a warm spring day when I walked into Chazz's office. He was perspiring freely in his shirt sleeves while two feet from him a little pot-bellied stove glowed red and crackled with fire. "You see how it is," he wailed, his voice rising to a

thin wimper of resignation. "All winter I try to get a fire in here. I have to wear my Red Cross sweater and my overcoat indoors all the time. And now that summer has come — just look at that fire. It couldn't happen even in Selkirk."
The fact of the matter is though that Chazz really doesn't care much about the fire at all because his squadron sent a bunch of planes out to Frankfurt, the night before and, better still, they all came home. Somebody said, "Chazz, how did it go last night?"
"Go?" said Chazz, squirming one more inch away from the fire. "Why do you ask? We never have any trouble here, of course not, well not much. We are a good outfit, oh yes, a very good outfit."
He paused a moment to touch the wood of his desk. "The winco was out last night too. He is sleeping now but the fact is we never have any trouble to speak of. Last night we sent 10 little kids out from here and they go all the way to Frankfurt which you know is likely a "shaky-do" any night and they all come back."
With that Chazz crossed his fin-

gers. (He does this pretty regularly) and said, "we all hope it will continue like this. Then he went back to his work of the moment. It consisted of arranging a Saturday trip to the village to see about arrangements for doing the officer's laundry. After all, the boys must have clean shirts and, as an organizer, Chazz is not one to pass up a laundry that is next door to the race track, particularly when there is a horse named "Hangover" running in the fifth.

Court Red Tape On Prize Ships

LONDON, June 16. — (CP) — Britain doesn't automatically become owner of Axis ships captured on the high seas or found in ports taken during an offensive. International law demands that certain procedure must be followed before ownership can be established.
When a ship is captured, for instance, a "Writ in Prize" is drawn up and put in the Admiralty Gazette and advertised to the world. After an interval the writ is solemnly considered in the Admiralty Division of the High Court. Nothing — a ship or cargo — is considered to be a "lawful prize" until a court of law has passed judgement.
Proof that Britain carefully follows the principles of international law was given in an announcement recently that six ships, including a 7,000-ton German merchantman, two 6,000 tons and a 5,000-ton liner, discovered two years ago at Massawa, the Red Sea Port in Italian Eritrea, will shortly be the subject of court action.
The enemy, too, is invited to put in an appearance at the Law Courts to stake claims to the ships. It is rare for such an invitation to be accepted, but on several occasions the Germans have entered a defence through the Swiss Government, the protecting power. An official, well versed in prize law, has been appointed as

Newsman Sees Rumania In War To Finish

Rumania is bitter and disillusioned but sees no end to her predicament except to march the last mile with Germany, say Thomas F. Hawkins in this fourth of a series of stories on conditions in the Balkans.

By THOMAS F. HAWKINS
(Associated Press Staff Writer)
BERNE, June 16 — (AP) — Rumania still is following the Nazi line. Bitter at the loss of 500,000 soldiers on the eastern front, disillusioned by the failure to get back Transylvania from Hungary in payment for the sacrifice, Rumania's Marshal Ion Antonescu nevertheless sees no other road but that which Germany has charted.
Resentment and discontent are rife among the people, predominantly poor peasants who for the most part still use wooden plows to till their 10-acre fields. Underground communism and open, guarded political opposition are in existence.
Rumania entered the war against Russia more wholeheartedly than any other Axis partner of Germany, to win back Bessarabia, Bukovina and Northern Dobruja. Strong forces of the German army guard the strategic centres of the country, especially the oil fields. It is rumored and not denied that Rumania is to be made the main Balkan defence base, possibly under Field Marshal Erwin Rommel. Rumanian defection would be a hazardous undertaking.
Germany has two big reasons for defending Rumania at all costs: The country borders Russia and is a potential route for the Soviet army if Nazi fighters are pushed back; Rumania is almost the last

Rumanian wheat is vitally necessary to the Nazi war machine. The iron guard is underground, but capable of springing up any time as a weapon the Nazis could use against Antonescu if he endeavored to alter course.
Transylvania is the key to the present Rumanian policy. Both the ruling regime and the pro-Allied, anti-Axis opposition want it back.

Rumanians regard this land, most of which was awarded to Hungary by the Axis, as their ancestral home.
The issue is national and patriotic. Rumanians are convinced they will have to fight Hungary for it and consequently look with distrust and envy at the Hungarian army returning from Russia.
It is an issue that plays into

Nazi hands. Germany can say Continue to be good in this war and you can have all. Try to withdraw from the fight now and Hungary can take the part you now have.
Behind the regime are opposition parties, legally banned but with leaders still free and working to an end to the war and a switch to the Allied camp.



Southern France looms as a likely invasion target with announcement that Rommel, formerly of Africa, is rushing fortifications on the Mediterranean shore. Allies might strike on both Atlantic (Bay of Biscay) and Mediterranean shores like they did against Atlantic and Mediterranean coasts of French North Africa last fall. The Nazis have had the least time to prepare their defenses here, and a direct drive up the Rhone valley would by-pass Italy's and its mountain barriers to attack on Germany. Unity of fighting Frenchmen in North Africa is another indication that an attempt to liberate France may be soon coming. Only disadvantage is the long naval haul open to attack from Axis bases, but still Britain is closer to Bordeaux than it was to Algiers, and Tunisia is closer to Toulon than the U.S. was to Casablanca in November, 1942.

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