

Experts forge Steel de luxe To beat Nazis Ocean tripping In New Bombers Leaders' choice

By Frank Healy
Canadian Press Staff Writer
OTTAWA, Dec. 3.—(CP)—Well-equipped laboratories of the Bureau of Mines in the Department of Mines and Technical Surveys are doing a big job in speeding production of "tools" for Canada's armed forces.

Canada's Ministers made many visits to England and other Dominions; Statesmen come here during year.

Established in peacetime, the laboratories are concentrating on solving metallurgical problems faced by manufacturers of war weapons. Many of these manufacturers, the Bureau of Mines explains, have been confronted with new industrial metallurgical problems because of the high standards required in war materials.

By Frank Flaherty
Canadian Press Staff Writer
OTTAWA, Dec. 3.—(CP)—Trans-Atlantic commuting by air became a common practice during 1941 as Canadian cabinet ministers and other officials flew back and forth to the United Kingdom to consult with British officials and keep in touch with the Canadian force serving there.

One of the most important jobs, it was pointed out, is the check testing on aluminum and steel structures used in manufacture of aircraft for the British Air Commission. The strength and ductility of the aluminum or steel cases, which come up to required standards, the laboratories find the reason why, the bureau said.

The year saw much inter-Empire visiting by air and the travels of ministers and other officials helped to keep the different governments and their services in touch with one another and working according to a common plan.

Resistant Armor Plate
The bureau said that parts used for armored fighting vehicles are different to any made during peacetime and it is the laboratories' job to develop manufacturing processes so there is no undue delay. The laboratories are, at present, making light armored plate of the type used in armoring of aircraft to develop the highest possible resistance to projectiles in thin, light plate.

From Antipodes
Two overseas prime ministers, R.G. Menzies of Australia and Peter Fraser of New Zealand visited Canada during the year, both traveling homebound by the air route after visits to Britain and to the forces of their countries fighting in the near east.

For Tin Hats, Too
The bureau told of the laboratories investigating ballistic properties of steel helmets which has resulted in steel for helmets now being rigidly tested so the utmost protection is afforded the soldier from dangers of the battle field.

Mr. Howe's Visit
The first ministerial travel overseas of the year, Munitions Minister Howe, went by ship and nearly lost his life when the vessel was torpedoed. He consulted with British authorities on questions of supply and returned on the new battleship King George VI which brought Lord Halifax to the United States as Britain's ambassador.

The War Changes Diet
Our eating habits are going to be changed by this World War—all because a quarter of a million young soldiers are acquiring new ideas of what is good to eat when they march home, and, not to mention the farmers and grocers, to meet the young men's new food demands.

Mr. Mackenzie King's speech at the Lord Mayor's Banquet in London contained an invitation to President Roosevelt of the United States to give Britain the same assurance of support against the Axis powers as Prime Minister Churchill has already given to the United States in the event of a war between that country and Japan. It was considered the most direct declaration of American help in the present war to have come from an Empire statesman up to that time.

Police Chief Bagnall, Chatham, made no comment last night on the fact that his custody more than a dozen boys ranging between the ages of eight and sixteen. Without delay the youngsters were turned over to Magistrate S. Arnold, who firmly declared "it is high time they got what was coming to them."

Canadian Air Squadrons
Major Power made arrangements for the creation of 25 Canadian squadrons in the Royal Air Force all eventually to be manned wholly by Canadians from commanding officers to ground crew. He also opened discussions looking to an extension of the Air Training Plan agreement which was due to expire in March, 1942, but is to be carried on as long as the war lasts.

report of A Perrault, who is now acting as Scoutmaster of the Group. "During the past winter there were several cases of sickness and several of the boys had to leave their work and hurry to the Mission Station for medicine and help. One case in particular is worth recording.

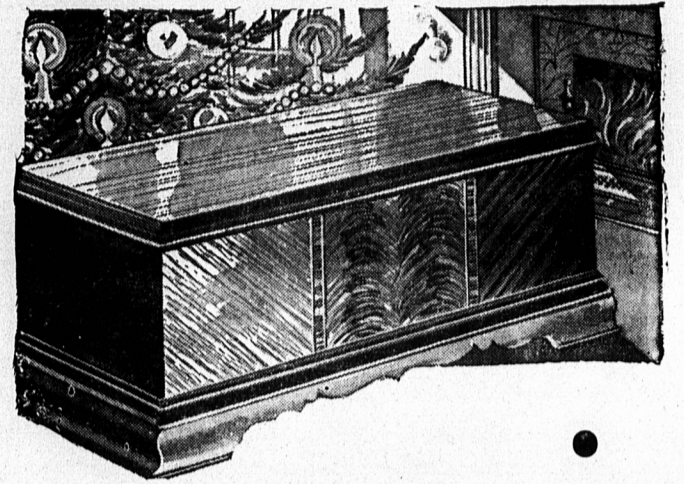
Mr. Macdonald was accompanied by Vice-Admiral Percy Nelles, chief of the naval staff, and visited many stations at which Canadian naval men are in action or in training. He consulted with British authorities on the role of the expanding Canadian navy in the war at sea.

NOTICE
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Under this system every youth reaching the age of 18 is graduated from high school and 19 if not was required to present himself for a period of military training and report regularly in the years thereafter—once or twice a year—in case he might be required for the regular standing army. This system created a vast reserve army, ranging in strength from 20,000,000 to 40,000,000 men.

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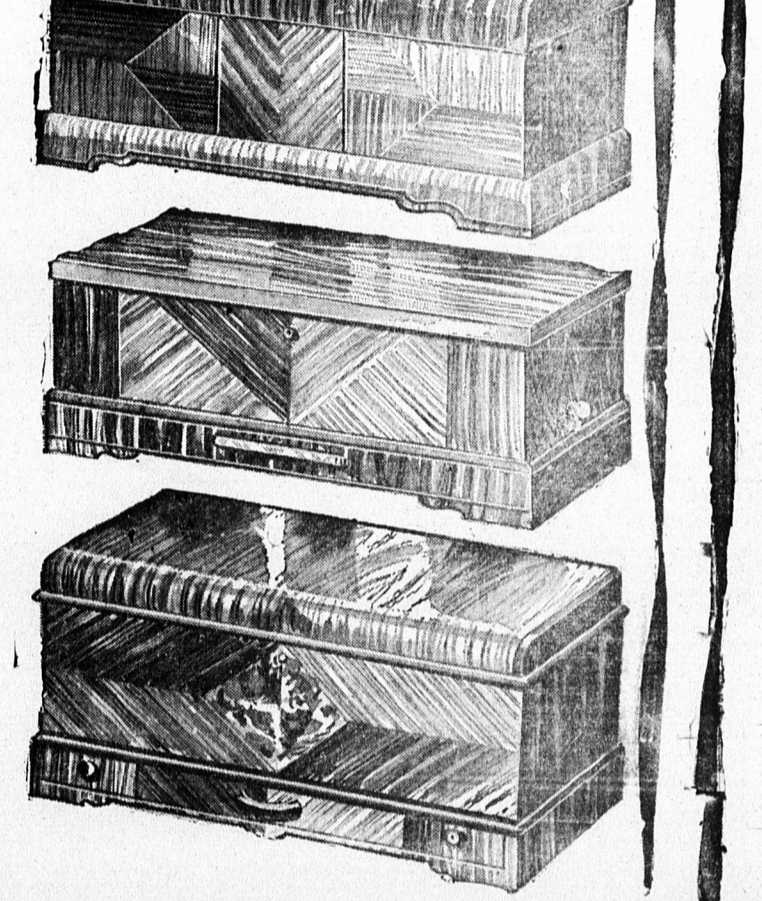
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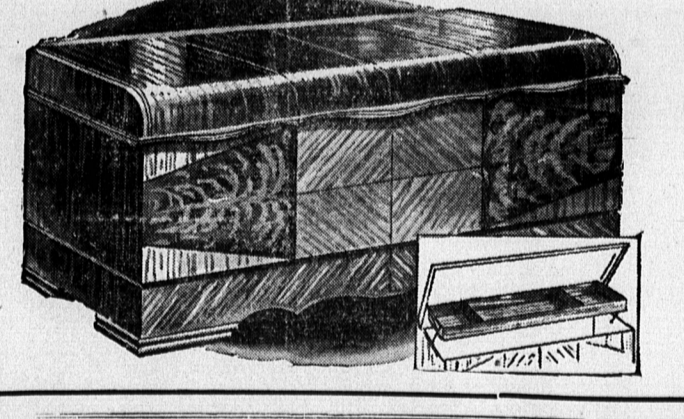
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What's Behind Russia's Grim Defence Stand?

Leader Foresaw German Assault and Girded For It With Forced Training and Diligent Creation

The following background on Russia's epic battle against Hitler's armored legions is by a Canadian-born journalist who spent five years in the Soviet and has spanned the world as a newspaper correspondent. In the First Great War he won the Military Cross in the Canadian Field Artillery in Flanders.

"Stern" Days Not "Darker" Says Churchill

HARROW, ENGLAND, DEC. 4.—(CP)—When Prime Minister Churchill visited his old school at Harrow recently, he joined the boys; singing the old school songs.

Not less we praise in darker days The Leader of our nation. And Churchill's name shall win acclaim From each new generation. For you have power in danger's hour Our freedom to defend Sir! Though long the fight, we know the right Will triumph in the end, Sir!

TINY CAMELS Kangaroo rats of the American Southwest can live for months without water.

Scout News and Notices

The following is a record of the Scout Depots and of the Scouts who are to be on duty at these depots during the Blackout practices:

TOY SHOP
Although we are late this year in commencing our annual toy shop, we expect to make a flying start the first of the week.

GOOD SCOUTING AT IT!
"Tall Timber"
Four young Wolf Cubs of Holy Trinity Wolf Cub Pack of Welland, Ont., were late at the weekly meeting.

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