



Avro **NEWSMAGAZINE**

Vacation
Time...

It's Here Again

VOL. 4, NO. 10

PUBLISHED TWICE MONTHLY BY AVRO AIRCRAFT LIMITED

July 29, 1958



ARRIVING AT AVRO, members of the House of Commons Standing Committee on Estimates are welcomed by Avro, DDP and RCAF.

**Government Committee Meets At Avro,
"Impressed With Inspection" — Chairman**

Royal Visit Parking Facilities Outlined

To help accommodate the large crowd expected to pour into the Malton area tomorrow evening to see the arrival of Princess Margaret, Avro is making available all its parking lots as well as some vacant properties on the east side of the Airport Road, for use by the general public. Signs inviting the public to park will be clearly posted on Avro premises at the entrances to each parking area.

The vacant lots on the east side of the road, referred to above, are sod-covered green fields directly across the road from the supervisors and south parking lots.

All parking will be controlled by the army and Metro police. Due to the large number of cars expected to crowd into Malton it would be impossible to give Avroites preferential treatment so those attending the arrival will, of necessity, be considered to be among the "general public".

Northbound traffic approaching Malton from the south on the Airport Road will be directed into the parking areas established on the east side of the road.

Southbound traffic approaching from the four corners will be directed into Avro parking lots on the west side of the road.

In other words, there will be no left turns permitted to gain entry to parking areas.

All parking area entrances will be well marked, so just look for a sign on your right as you approach, and there should be no confusion. Experienced traffic police will direct all cars to a parking space.

Remember — No Left Turns into Parking Areas!



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THE WORLD AROUND US

RCAF FIREBEE — RCAF complete flight tests of number of Ryan Firebee jet drones at US Naval Auxiliary Air Station near San Diego. Tests intended to confirm feasibility of using RCAF Lancasters as launching planes for Firebees. During a number of drone launchings in flight, mother plane was checked for handling characteristics with two Firebees suspended beneath wings. Overall test program proves "highly satisfactory" and standard operation procedures for launching drones are established. First Firebees to be delivered this summer to RCAF Station Cold Lake. (Canadian Aviation, July /58)

TRANS-AMERICA — USAF Boeing KC-135 Stratotanker flies from Los Angeles to New York in 3 hrs. 42 min. 45 sec. Previous best time for distance: 3 hrs. 44 min., set in 1955 by an F-84 Thunderjet KC-135 said to have made average ground speed of 670 mph. (Aeroplane, June 27/58)

BRITISH COPTER FLIES — Twin-turbine powered Bristol Type 192 one of Europe's largest helicopters makes first flight in U.K. Type 192 is ordered for RAF as troop and freight transport, aerial ambulance and search-and-rescue vehicle. Powered by two Napier Gazelle series 2 engines, each developing 1,650 eshp, driving two 48 ft.-8 in. rotors, copter can carry 18 - 25 soldiers or 6,000 lb. freight. (Aviation Week July 21, /58)

ELECTRA SUB HUNTER — US Navy chooses anti-submarine version of Lockheed Electra turboprop for next generation of sub hunters. Four Allison T-56A engines, developing total 16,200 hp at takeoff, will power the 450-mph patrol aircraft. (Aircraft, July /58)

ARMY AIRBORNE — Defence Minister George Pearkes says "considerable progress being made toward airborne Canadian Army. At the same time he reports De Havilland Caribou making good progress and would fly in near future. No decision reached yet on whether Caribou as troop carrier to be manned and operated by RCAF or Army personnel. (Aircraft, July /58)

FLYING BOAT COPTER — Versatile Sikorsky S-62 helicopter flies publicly for first time. Turbine-powered 10 to 12 passenger craft is first amphibious helicopter built with a flying boat type hull to permit landings on and takeoffs from land, water, ice, snow or swamp. (Canadian Aviation, July/58)

NRC WIND TUNNEL — Defence Research Board and National Research Council each earmark \$750,000 for construction start this year on long-delayed supersonic wind tunnel at Uplands. Project was held up last year while Government reviewed all spending estimates. (Aircraft, July /58)

NORTHEAST VISCOUNTS — Northeast Airlines purchase nine Viscount 745Ds, part of capital Airlines' "deferred" order of 15. Order, plus spare Rolls Royce Dart engines, spare parts, and an option on a 10th aircraft, represents an investment of about \$15,000,000. Northeast presently plans putting Viscounts in service next month on east coast routes serving Boston, New York, Philadelphia, Washington, and Montreal. (Aviation Week, July 21, /58)

VIGILANTE ROLLOUT — North America's A3J Vigilante all-weather attack aircraft rolled out recently. Destined for carrier borne Naval duties, Vigilante is powered by two GE J79-2 turbo jets each rated at 15,000 lbs. thrust. With crew of 2, new plane is equipped for different roles and can carry nuclear weapons. (Aircraft, July/58)

JAPAN'S SUPER TIGERS — Mitsubishi Heavy Industries will build nearly all the 300 super Tigers on order for Japanese Air Self Defence force. Grumman will produce only small number of total. Last aircraft scheduled for delivery in 1964. (Aeroplane, June 27/58)

NAME MACH 3 BOMBER — North American B-70 mach 3 bomber officially named "Valkyrie" by the Strategic Air Command, USAF. Name was selected from entries submitted by SAC officers and men. (Aviation Week July 7/58)

Princess Margaret Visits Malton Tomorrow

Will Arrive At Airline Terminal At 8:30 P.M. Via RCAF Transport

H.R.H. Princess Margaret will spend about half an hour in the Malton area tomorrow evening. Canadian Army, Provincial, Metro and Toronto Township officials are preparing to handle a crowd of thousands of people expected to be on hand to cheer the princess between her arrival on an RCAF aircraft at the Malton Airport at 8:30 p.m. and her departure by royal train from the company railway siding between Orenda Plant One and Avro's Building SS at 9:01.

Co-ordinating all segment's of the Malton phase of Princess Margaret's tour is the Central Ontario Command of the Army. Avro Aircraft is assisting in these arrangements by making available appropriate company personnel and facilities for the occasion.

Avro Cooperation

The front of the administration building will be decorated with flags and bunting, while a raised stand will be erected on the front lawn to accommodate a brass band of some 30 musicians of the Army's Lorne Scots regiment.

All Avro parking lots and vacant properties on the east side of the Sixth Line will be open to the general public. Signs inviting the public to park will be plainly posted at the entrances of each area, and access to the areas will be controlled by Metro police.

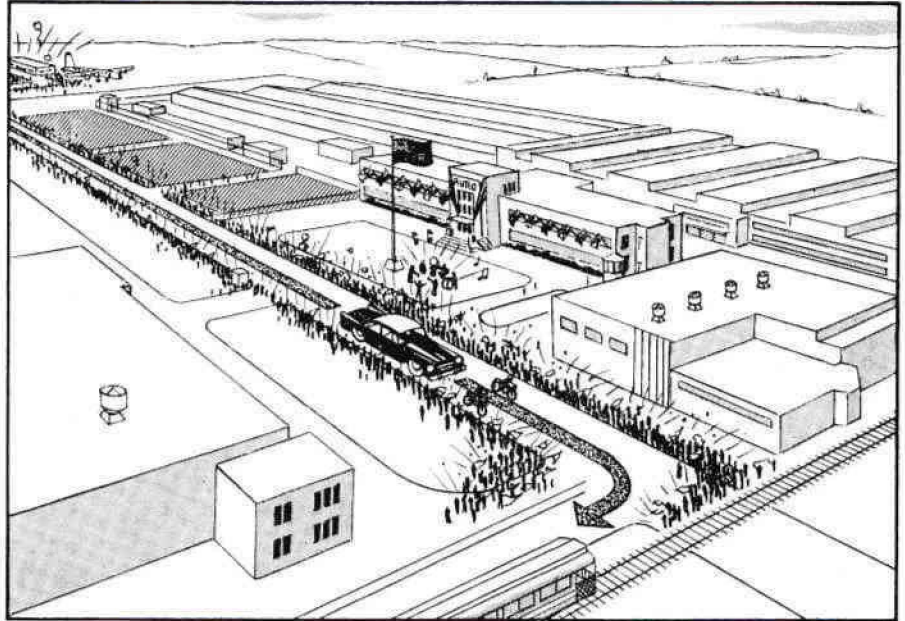
When Her Highness deplanes from the RCAF C-5 at the Malton terminal, she will be received by Ontario's Lieutenant Governor, Keiller Mackay and Mrs. Mackay; Premier Leslie Frost, and Mrs. Frost; Cyril Clark, Warden of Peel County and Mrs. Mary Fix, Reeve of Toronto Township.

Following the reception, the Princess will be driven around the terminal area, then out to the Airport Road (Sixth Line) via the terminal entrance.

Metro Police

A wedge formation of 30 Metro motorcycle police will escort Princess Margaret's car northward on the Airport Road toward the Royal Train on the company siding. Soldiers of the Lorne Scots regiment will be posted along each side of the route to keep back the expected throng of well-wishers. Chief Constable Garland McGill of Toronto Township Police and Inspector Fraser of the RCMP will head the escorts. In addition to the escort, another 30 Metro police will direct traffic and crowds in the Malton area.

In addition to the brass band stationed in front of Avro's Administration building, the Lorne Scots pipe band will parade on the road between the Royal Train and the South Parking Lot and the Orenda pipe band will do the same between there and the



ROYAL PROCESSION ROUTE for Princess Margaret following reception at the Municipal Airport is shown above in a sketch drawn by Artist Reg Beale of Sales and Service. As shown, the Princess will drive from the Airport to the Avro-Orenda railway siding between Avro's Building SS and Orenda Plant 1. Parking facilities of Avro are being offered to the public insofar as practical and possible to assist in alleviating possible traffic tie-ups. Southbound traffic may utilize the parking lots shown above in the shaded areas. Northbound traffic will be offered as much space as possible in fields on the West side of the highway.

terminal prior to the Princess's arrival.

Local police advise Avroites who plan to attend Princess Margaret's welcome to arrive as early as possible. Since the Army and police are in charge of all parking in the area, Avroites will not have any priority for parking in the company lots. The road is expected to be closed to vehicle traffic at or about 7:45 p.m.



Toronto Township Reeve, Mrs. Mary Fix, examines a scale model of Avro district highways with Avro Plant Engineer, F. Richardson.

As a further part of the company's co-operation, Avro Public Relations — at the request of Toronto Township — is undertaking the handling of more than 100 Press, radio, TV and newsreel personnel who will be converging on the area.

Two plane-loads of newsmen carrying out complete coverage of the Princess's tour are expected to arrive at Malton Airport an hour before the Royal Plane. Others will be arriving from Metropolitan Toronto.

To facilitate their assignments, all are being invited to meet at the Toronto Flying Club for briefing by Avro Public Relations on information concerning this area before being escorted to the Royal Reception site and then to Avro vantage points for movies and still photographs.

The Department of Transport office at the Malton Airport is handling the details of the newsmen's Transport.

Toronto Township Council will be host to the newsparty during their stay at the Toronto Flying Club.

Name Crawford Gordon Director Of H.S.G.

The election of Crawford Gordon, President and General Manager, A. V. Roe Canada, Ltd. to The Board Of Directors of the Hawker Siddeley Group is announced by Sir T. O. M. Sopwith, Chairman.



Government Committee Meets At Avro

AFTER LEAVING AIRCRAFT members and hosts group for in informal picture before starting their busy session at the Avro facilities.

Members Reported 'Impressed'

Avro was host recently for a regular, scheduled meeting of the House of Commons Standing Committee on Estimates. Twenty-six members of this important Committee of the Government were Members of Parliament, representing constituencies across Canada. Members of the Parliamentary Press Gallery accompanied the party.

It was explained by the Chairman of the Committee, Arthur R. Smith of Calgary South, that the gathering at Malton, though important, was not unique for that Committee, in that such a procedure had been carried out before. Late in June, for example, the Committee visited the defence establishment at RCAF Station, St. Hubert. However, it is not a "routine" proced-

ure and indicates a most unusual and extraordinary interest on the part of the members individually and the Committee as a whole when it is done.

It was indicated by the members during their visit to Avro that the Arrow program sparked the interest that resulted in the decision to hold a regular meeting at Avro, with adjournment later in the same day to Orenda Engines for a look at the facilities there, with particular reference to the Iroquois engine program and its relation to the Arrow.

"Satisfactory Answers"

The wire photo service of the Canadian Press association distributed a photograph of members of the Committee examining an Arrow in flight test to its more than 70 member newspapers across Canada.

As recorded by the news writers present, the chairman of the committee, Arthur R. Smith of Calgary South commented that the tour "helped clarify in members' minds the value of the Avro Arrow development program". He said he was "most impressed" with his inspection.

It was further recorded by the newsmen that the Parliamentarian Committee, which has been considering defence and defence production estimates for six weeks, "asked and got what they said were satisfactory answers to a number of questions."

The Globe and Mail stated: "One of the most recurrent (questions) was why Arrow required a 37-model pre-production output. This question was asked by two members of the committee with flying and test pilot experi-

ence. Both said they received convincing replies."

In his welcoming remarks to the Committee, prior to their tour of Avro's facilities, J. L. Plant said: "You hear from many quarters the difficulties and costs of developing aircraft in Canada. Some say it is cheaper to buy them from outside sources or under licence. This can be factually disproved. I can state emphatically that the CF-100 cost the Canadian Government a good deal less than had we bought a comparable aircraft from the United States."

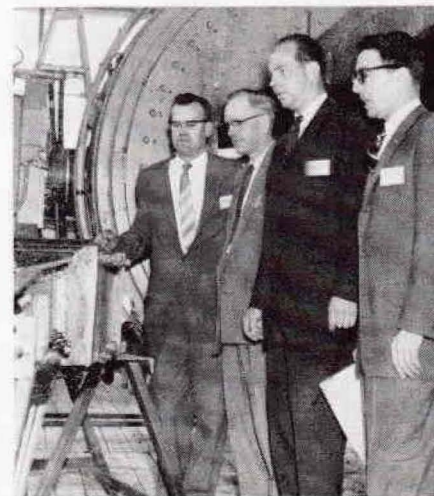
He placed that saving at from 50 million to 60 million dollars.

"I personally am dedicated to the Arrow," Mr. Plant continued.

(Continued on Page 9)



SKIN MILL operations are described by D. H. Rogers, Flight Operations Manager, W. H. Graffey, (Brome, Que); W. M. Smith (Winnipeg N.); G. D. Clancy (Yorkton, Sask.).



AT fuel test rig are (from left): T. S. Nugent (Edmonton - Strathcona); E. Innes (Secretary of the Committee) and J. Drysdale (Burnaby-Richmond, B.C.), with M. D. Willer, Sales and Service Manager.



OPERATIONS at big press are explained by J. L. Plant (centre), Pres. and Gen. Mgr., to (from l.): R. D. C. Stewart (Charlotte, N.B.); A. R. Smith (Calgary S.); D. G. Fisher (Port Arthur), A/C I. C. Cornblat.



J. C. FLOYD, Vice-Pres., Eng., discusses fuel test rig equipment with (from l.): G/C R. S. Turnbull; M. Lambert (Edmonton West); W. G. Dinsdale (Brandon-Souris); and Robert McKeown (Weekend Magazine)



IN 3-D LAYOUT, W. H. RIGGS (left), Vice-Pres., Mfg. explains planning system to A. D. Hales (Wellington S.); William Anderson (Waterloo S.); C. S. Smallwood (Battle River-Camrose); R. H. Small (Danforth).



BIG INTEREST was shown in Arrows. Seen here (l. to r.) are: R. Coates (Cumberland); D. MacInnis (Cape Breton S.); A. Peters (Temiskaming); H. W. Danforth (Kent); J. A. Morley, Vice-Pres., Sales & Service.



PRODUCTION Flight Test visitors here are (from left): Richard Gwyn (Press Gallery); E. J. Broome (Vancouver S.); Eric Stefanson (Selkirk); W. Skoreyko (Edmonton E.), with Joseph Turner, Vice-Pres., Finance.



DISCUSSING Arrow in Experimental Flight Test are (from left): C. W. Carter (Burn-Burgeo); H. H. More (Regina); W/C G. B. Waterman; J. C. Pallott (Peel); and G. Hake, Quality Control and Inspection Mgr



J. W. AMES (left), Chief of Product Design, is seen here with R. J. McCleave (Halifax); G. C. Fairfield (Portage-Neepawa); E. G. Chambers (St. Lawrence-St. George); and C. A. Hore, Senior Rep., D.D.P.



AT BRIEFING, J. L. Plant, President and General Manager, gave an outline of the company's activities. Following the tour and the luncheon members held a question-and-answer period on the Arrow program.



Bert and Marilyn Lemay



Try Water Skiing



Come on, says Bert



Who, me? says his wife



Sure, says the husband



Still happily married!!

Vacations More Enjoyable When Carelessness Avoided

We all look forward to vacation time. It gives us a chance to get away from our day-to-day activities—to see new places—go fishing—or just relax around the house.

But, no matter what plans we make, we hope to return to work rested, refreshed and in good shape—both physically and mentally.

This special vacation issue of Avro Newsmagazine contains some tips and reminders which will help all of us to have a good holiday and a safe one.

Right here, we'd like to pass on a few suggestions that should help Avroites to enjoy their vacations.

Severe Sunburn should be treated with a good burn ointment, like any other burn. Suntan lotion is good before

exposure to the sun, but does little good afterwards. If no burn ointment is available, use baby oil or petroleum jelly. Aspirin will relieve general discomfort. Drink plenty of water.

Sunstroke is very serious. The skin becomes dry and very hot and the temperature may rise to 106° or more. Medical aid should be sought immediately.

Scrapes and minor cuts should be carefully cleaned of foreign matter to prevent infection. If the wound isn't deep, foreign material can be washed away with a solution of hydrogen peroxide followed by soap and water. Once the wound is clean, coat it with an antiseptic and cover with a bandage.

Deep cuts and punctures definitely require medical attention to be sure the wound is properly cleansed. Unless a blood vessel has been cut, bleeding can be stopped by pressing a wad of sterile gauze on the wound. If this direct pressure doesn't stop the bleeding, apply another bandage and exert more pressure.

A poisonous snake bite leaves two **puncture wounds** made by the venomous fangs. Speedy first aid is essential. Make cross incisions a good quarter of an inch deep over each fang mark, using a knife or razor blade that has been flamed, then suck out the venom. Get medical aid immediately. Don't give the patient any stimulant—the less activity the better.

Insect bites should be treated by removing the stinger, if present, then applying a solution of epsom salts to draw out the poison and reduce the swelling. A black widow spider bite produces severe stomach pains. Treat as you would for a snake bite.

Thorough Car Checkover Prevents Sudden Stopover

Holiday time is usually the toughest two weeks in the year for the family car as several hundred miles or even well over 1,000 miles and more are added in short order—and often continuously.

The average motorist's car spends most of its running time transporting the family about the city or in commuting to and from the plant. It is not accustomed to travelling at higher speeds for long periods.

So the question to ask yourself is: "Is she going to take it—or leave me stranded somewhere?" All those little things you have been meaning "to get fixed" all summer. Have you had them fixed? What about the tires?

It's much safer and wiser to give your car a final checkover before loading her down heavily with family and luggage and heading away to your vacation spot.

Ignition is the vital system in automobile operation. You won't go far if it is not functioning properly. Clean and properly spaced points, good spark plugs, proper spark setting are essential.

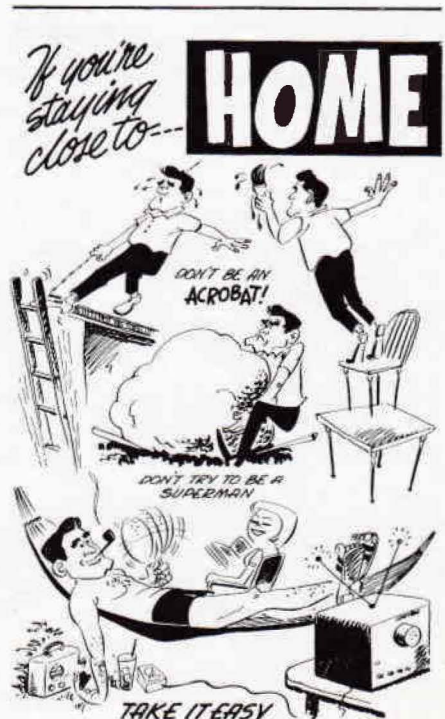
You probably don't perform at your best level in the hot summer weather. Neither does your car if it isn't properly cooled.

You will also want to make sure that other safety features such as lights, brakes, windshield wipers, steering, are all in sound working order.

A car, any car, requires care. Look after it well and it will serve well.

A Lesson In Water Skiing

Marilyn Lemay demonstrates the proper equipment for learning to water ski. These include a life preserver, skis, life preserver, boat and motor, life preserver and tow line. A bad fall could result in a knockout blow on head by a loose water ski—which is heavy.



Give Poison Ivy Patch Wide Berth When Hiking

With so many Avroites heading north for their vacations, quite a few—and their families—will be fated to come up with the old enemy POISON IVY and all the discomforts that go with it.

If you are walking through the woods, keep an eye open for it, and most of all make sure the youngsters know what to look for when they're tearing happily around the trees.

How do you spot poison ivy?

First thing that strikes you is a fresh green plant, or patch of plants, growing close to the ground where perhaps every other bit of foliage is drooping with the heat.

The big shiny leaves are in threes with an overall span of about six to eight inches. Perhaps you may see a little cluster of flowers or berries too.

If this is what you see, or there is any element of doubt in your mind, give that shiny green patch a wide berth. You can't be too careful.

The offending substance of the plant is an oil which is present throughout root, stem, leaf, flower and fruit, and even to the easily detached hairs. It sticks to everything.

If contact has occurred, then as soon as possible after exposure the oil should be washed off the skin by repeated thorough latherings with soap, interspersed with generous rinsings with water.

The first sign of poisoning is usually a slight itching, followed by a faint blush of the skin. The itching sensation increases and a few hours to some days later, small watery blisters appear.



THIS VACATION PARADISE SCENE — so obviously one of complete vacation contentment—is less than 20 minutes' car drive from Avro—on the lakeshore in the Long-Branch area. Somewhat doubtful of the cook's abilities according to the group's expression are Avro's Mr. and Mrs. Bert Lemay on the right, their son Billy on the left and friends, Jim Goodison of Lofting and Loretta Cacarias. Bert Lemay is in Lines Loft.

Carrying First Aid Materials May Save One's Life Or Limb

If you were to stop all the vacation-bound cars travelling out of Toronto this weekend and ask every family group if they had packed a small first aid kit, you would probably find that not one in fifty had thought even of taking a roll of bandage along.

Yet how many can remember a vacation when someone in the family did not cut a bare foot on a sharp stone or stick, or perhaps slip and graze a knee or arm? At the time you say: "Wish we had brought some anti-septic lotion and a few bandaids. We must do that next time."

Well this is that "next time" and how many have remembered after a year?

To be a lot more than half safe against bites, cuts, scratches, too-much-sun, food and water poisoning, etc., take along soap, gauze pads, bandaids, adhesive tape and cotton, mercurochrome or merthiolate, vaseline, aspirin, magnesia tablets, calamine lotion, permanganate tablets, tweezers, scissors, pliers with a wire cutter, and salt.

While mercurochrome and merthiolate are in the antiseptic class, doctors insist upon soap and water as a first treatment when the skin is broken. It has no germicidal properties of its own, but it washes away harmful bacteria and foreign bodies where bacteria may lodge.

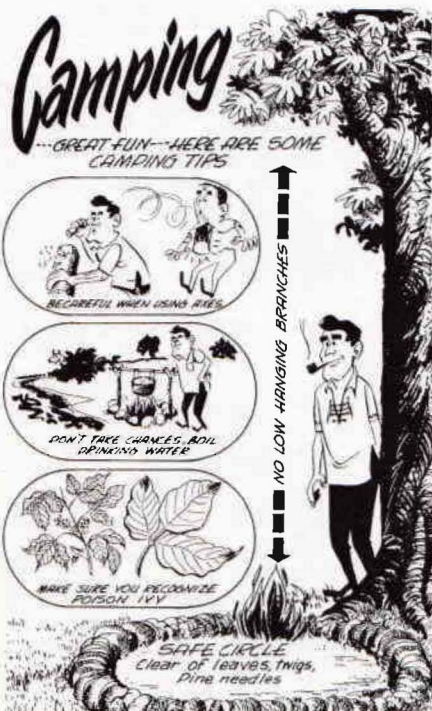
Here's a "point" for anglers to re-

A lot of vacationists get snagged by barbed fish hooks. They tear the flesh painfully, if an attempt is made to pull them out from the direction where they went in. If a hook is embedded in the flesh, push it through. Then use a wire cutter to snap off the barb, and pull the smooth end through. Wash thoroughly, soak in a solution of warm salt water.

If you get stung and stinger remains in the skin, gently rub it away, and apply calamine lotion or one of the antihistaminic salves; lacking them, a drop or two of household ammonia. If this can't be done immediately and swelling develops, ice cold compresses will help.

Welfare Drive Earns Biggest Response Yet

Although it has been some time since the 1958 Welfare Drive, the results are still coming in. The 1958 Drive was the most successful that Avro has ever had. Returns to date indicate that when the final count is made, this year's drive will exceed the target of \$100,000. The Welfare Committee would like to thank each and every Member for their generous donations and the interest shown to the Fund.



Going Someplace? By Car? Long Distance? Here Are Some Ideas That'll Interest You

Several thousand cars carrying Avroites, their families and friends will be leaving for vacation resorts this week-end, swelling the traffic moving in all directions from Southern Ontario.

Everyone is eager to reach their destination and start enjoying their holiday. But trying to save half an hour on the road often costs a great deal more. For inevitably, it is when the driver is "pushing it" and taking risks or is tired, that he is the added factor in a string of circumstances that cause an accident.

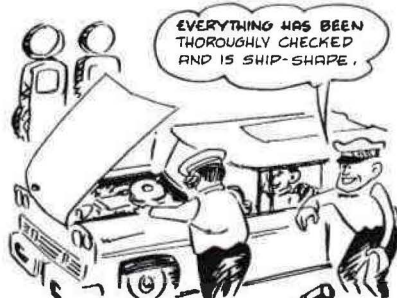
Many other factors can cause accidents, and to bring vacationing employees back alive, safety authorities have compiled the following list of suggestions that every thoughtful motorist will recognize as sensible.

1. Change drivers every two hours if possible.
2. Always keep fresh air circulating.
3. Don't try to drive always at the top of the speed limit. When traffic is heavy or the road bad or visibility poor, slow down.
4. On long trips, make a stop for coffee every two hours. Get out and stretch and walk around to wake up your system.
5. Always leave ample room between you and the car ahead, so that you will be able to stop safely in case of emergency. According to the National Safety Council, even a car with good brakes requires some 189 feet to stop if its speed is 60 miles per hour.
6. Always dim your headlights when another car is approaching.
7. Where children are playing, be able to stop within the length of your car.
8. Make it a habit to slow down before you actually get to curves or intersections. Never pass on hills and curves.
9. Take along a thermos of hot coffee. It will help to keep you alert during night travel, when highway snack bars may be closed. It is also useful in daytime on those long stretches of road where eating places are few and far between.
10. Keep to the right, and don't cut in and out.
11. Don't engage in heated conver-

.....AND NOW YOU'RE ON THE ROAD



CAR CHECKED?



Check List TAKE ALONG

FLASHLIGHT		<input type="checkbox"/>
EXTRA CAR KEYS		<input type="checkbox"/>
FIRST AID KIT		<input type="checkbox"/>
ROAD MAPS		<input type="checkbox"/>
FLARES OR FLASHERS		<input type="checkbox"/>
SUN GLASSES		<input type="checkbox"/>
TOOLS		<input type="checkbox"/>
ROPE		<input type="checkbox"/>
SAFE COURTEOUS DRIVING HABITS		<input type="checkbox"/>



RCAF Special C-5 Transport Utilized For Royal Visit

The RCAF's C-5 aircraft which carried Queen Elizabeth II and Prince Philip during the airborne portion of their tours of Canada and the United States in 1953 and 1957, is being used to provide air transportation for Her Royal Highness, Princess Margaret, during her current visit to Canada.

At the controls of the four-engine aircraft is Wing Commander William K. Carr, DFC, CD, commanding officer of the RCAF's No. 412 Transport Squadron at Uplands.

On arrival at Vancouver on July 12th aboard a special BOAC Royal aircraft, Princess Margaret transferred to the C-5 aircraft of Air Transport Command and was flown to Victoria. On July 16, after visiting RCAF Station Comox and inspecting the RCAF Guard of Honour there, she returned to Vancouver by the C-5. The following day the Princess was flown to Fort Saint John and Prince George, BC, and on July 18 flew from Williams Lake to Penticton. On July 22, the aircraft took the Princess from Penticton to Abbotsford, and on the 24th

flew her from Vancouver to Abbotsford and return.

Moving eastward aboard the Royal train, the Princess visited Banff and Calgary, and departed from Calgary by C-5 today, for Prince Albert, Sask. Tomorrow afternoon she will board the C-5 bound for Toronto's Malton airport.

The lounge in the rear portion of the C-5 is used by Princess Margaret. It is a comfortable compartment, equipped with facilities to enable the Princess to relax while following the progress of each flight. In addition, it is equipped with a private cloakroom and washroom, the latter supplied with hot and cold running water.

Proceeding to Ottawa and Montreal by train, the Princess will board the C-5 on August 6, this time at Montreal's Dorval airport and will be shown some of the St. Lawrence Seaway installations before arriving at Quebec City.

The Air Transport Command portion of Princess Margaret's visit to Canada will be concluded on August 9, when she is flown aboard the C-5 from Frederton, N.B., to Yarmouth, N.S.

Government Committee Convenes at Malton

(Continued From P. 4, Col. 3)

Thus the Arrow represents, as does Avro, a substantial influence on the Canadian economy."

The visiting Parliamentarians were greeted on arrival in an RCAF Air Transport Command North Star at the rolling gate by J. L. Plant, President and General Manager. On hand to join Mr. Plant were members of Avro's Management Committee and Divisional Managers, who acted as escorts and guides on the tour of the company's facilities. Also, with the Senior Management Group were C. A. Hore, Resident DDP Representative at Malton, and Wing Commander G. B. Waterman, Detachment Commander, 1202 Technical Services Detachment, Malton.

Group Photographs

After a pause for a group photograph to record this, the first visit of a Standing Committee on Estimates of the Government to the Avro facilities, the party was driven to the Cafeteria in Building "U" where they were briefed by Mr. Plant on the history of Avro, with a summary of its achievements and objectives. The briefing was followed by a tour of the facilities, with the company's Senior Management representatives acting as guides to individual groups under their responsibility. The tour was followed by a buffet lunch. After lunch the visitors were shown an Avro film on the first flight of the Arrow, after which they adjourned to Orenda Engines.

Senior Management representatives of Orenda were present at the Avro luncheon and accompanied the visitors to their facilities.

Investors In Future

In the briefing and subsequent informal conversations between the Avro Management representatives and the Committee members in the representatives' respective groups, it was pointed out to the visitors that Avro Aircraft has made a very considerable investment toward the future of Canada's aviation industry as well as to the defence of the nation.

Both Avro and Orenda have been private enterprises since their inception four years ago this month, and have been gradually acquiring title to all of the former Crown assets of the two companies, at Malton.

Speaking for Avro, the Management representatives pointed out to the visitors that it has always been Avro's policy to buy its own plant and equipment out of earnings rather than utilize facilities furnished by the Government.

It was further remarked that two years ago this month Avro made a down payment exceeding one million dollars on the final purchase of the last of the Crown equipment on its property at Malton.

In discussing the programs at Avro,



PRESENTATION TO TORONTO MEN'S PRESS CLUB of an original oil painting of the Arrow, done expressly for the newspaper club by Avro, was made recently on behalf of the company by Arthur H. Stewart, Public Relations Manager of Avro and one of the early founder-members of the Club. The painting was done for Public Relations by David Reppen, artist in General Illustrating Group of Sales and Service. Its acceptance by the Directors of the Club was a striking tribute to the Arrow as all other photographs and illustrations in the Press headquarters are of direct reference to the Press, only. Shown above are Fred McClement, (right) of the Toronto Star and the Star Weekly, and President of the Press Club, accepting the painting from Mr. Stewart (left) with David Reppen, the artist. The Press Club comprises members of the press circle of Metropolitan Toronto, with associate members embracing radio, television news service, public relations and advertising men with a working newspaper background.

it was further pointed out to the visitors that Avro is a "prime contractor"—a focal point of a trans-Canada network of suppliers and sub-contractors all contributing to the Arrow program. At the present time, there are more than 650 individual companies serving the program as main suppliers; there are more than 2,000 other Canadian companies quoting on Avro orders from time to time to meet various requirements of the company.

Though the Avro facilities were

virtually non-operative, above the maintenance stage, as it was non-working day—Saturday—under the present working schedule—the visitors gave every indication of envisioning the extent of the work program at Avro, and individually expressed their interest and pleasure in being afforded the unique—so far as Avro is concerned—opportunity of seeing the Avro facilities and hearing the Avro story first hand by staging a meeting of the Committee "on the spot".



INTEREST IN RESEARCH FACILITIES OF AVRO within North American army circles is evidenced in this informal Avro Newsmagazine photograph taken during a recent visit by Lieut. General A. G. Trudeau, Chief of Research and Development, U.S. Army. The General is seen above (centre). From l. to r. are: John R. Douglas, Contracts Administrator, Sales and Service; Col. J. J. Kenney, U.S. Army; Col. W. L. Halcomb, U.S. Army; W. R. Stephens, Arrow Weapons System Coordinator; John C. Frost, Chief Design Engineer, Special Projects; Gen. Trudeau; Desmond Earl, Sales and Service; Major A. Jefferson, Canadian Army; Col. T. E. Watson, Jr., U.S. Army; Col. J. Hulbert, Canadian Army; Col. R. L. Franklin, Canadian Army; J. A. Morley, Vice-Pres. Sales & Service.



SPORTS REVIEW

By Stan Linnard

By the time you are reading this column, many of the Avroites who are members of the Ten Year Club will be on the first week of a welcome three weeks holiday. We could go on here and give a list of the hazards of holidaying, but we feel sure every employee knows them. All we hope is that everyone lives up to them. We would like to see everyone return well rested, rather than "Resting Well".

Summer sports at Avro are still going strong and here are some of the main highlights since last edition.

* * *

DARTS—The dart tournament held at Brampton on July 19th was a huge success, 150 Avroites were on hand to take part in this skilful game. **Mike Coleman** won the singles championship, while doubles was wrapped up by **Dennis Lawler** and **Jack Coyle**. Team winners were the fixits, with **Ron Sloane**, **Fred Busby**, **Moe Proulx**, **Al Gibson**, **Mike Coleman** and **Fred Hunt**. The dart committee deserves much credit for organizing this successful tournament.

Around Avro we have some slick dart players. Take **Gerry Miller** of flight test, D1 Building. Gerry shot a perfect score of 180, three triple 20's and his second shot was 100, his third 85 and he wound up the game on a double one. Gerry plays for the FTD's team and looks like a real threat for the departmental competition.

BASEBALL—Leo Sauve's **Eagles** still lead the house league softball with 18 points, while **Bob Kerr's Raiders** and **Gerry Barbour's Redskins** are tied for second with 14 points. In a recent game between Eagles and Redskins for top spot, Eagles came out the winner with the score being 2 to 1. This was a tremendous game and was a classic for house league ball. For the winners **Roy Foster** on the mound struck out 19 batters, while **Max Foster** and **Ken Shanks** banged out a homer each to keep their club up on top. Not to be outdone, **Bill Pitkin** on the mound for the losers struck out no less than twelve batters, while **Merv. Duggan** brought in the single run for the Redskins. Both teams are well matched and play good organized ball.

The **Ladies House League** now nicely rolling have three teams tied for first. The **Arrows**, **Phillies** and **Giants** all have 4 points. The **Swingskirts** have 2 points. In a recent game Giants dumped the Swingskirts 15 to 6. **Carol Bowen** besides playing a nice game on the mound had a homer, while **Bonny Deganis** sparkled in the field for the winners. For the losers, **Marion Cruden** and **Gloria Bull** played good ball.

* * *

SOCCER—A house league Soccer is in full swing in the Engineering and inter-office divisions. It consists of 8

teams and plays every Monday and Thursday nights at Keelesdale Park. Presently leading the pack are the **Arrows** with 16 points, **Wanderers** are 2nd with 13, with **Stress** holding 3rd spot with 12 points.

Pride of our **Metro** team this week was **Jack Fleming** who was named "Player of the Week". Jack has scored in 10 consecutive games and was a guest on station CHUM to honour the occasion.

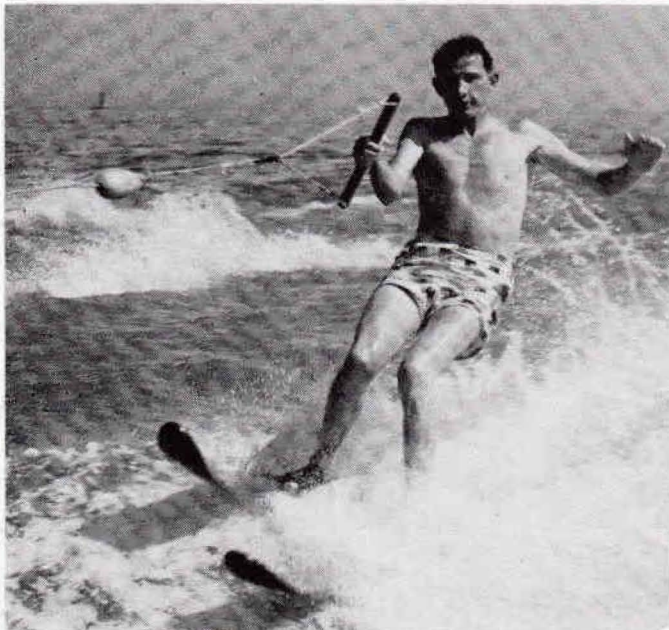
* * *

GOLF—The recreation club's last tournament held at Orangeville Golf & Country Club was won by **Doug Hoare** with a 2 under par 70. **Bill Elkin** carded a 37-36 for 2nd spot, 1 over par 73, **Larry Coffey** held down 3rd spot with a neat 79. Honest golfer award went to **Bill Bauer** with 162.

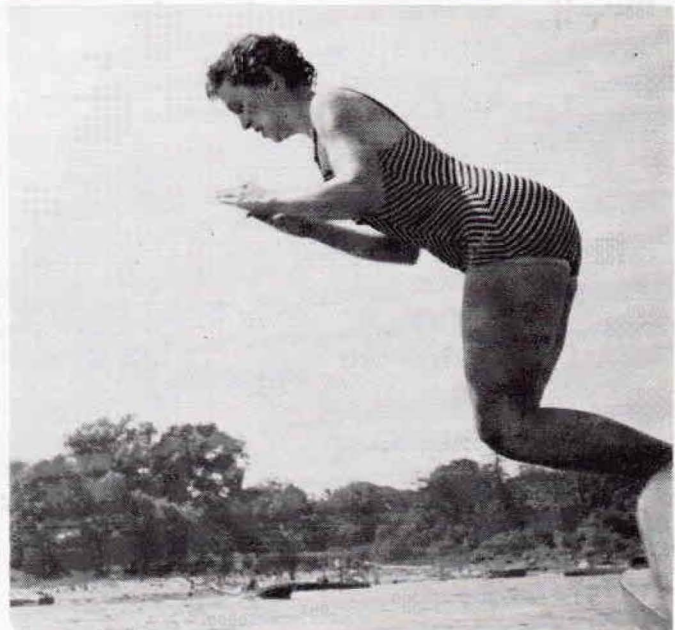
On Saturday, July 19th at Orenda Engines home course Woodbridge Golf & Country Club, twelve of Avro's best downed our neighbours 29 points to 19 in the annual match play between the two clubs. The big guns for Avro were **Wally Brown** 73 for 4 points, **Gord Harrison** 73 for 4 points, **Len Smith** 74 for 3½ points, **Russ Thompson** 81 for 4 points, **Butch Fisher** 85 for 3½ points and **Bill Elkin** 78 for 3½ points. **Alex McKenzie**, **Derrick Brissenden**, **Jim Street** and **James Bennie** were Orenda's sharp-shooters.

* * *

Sports car enthusiasts, and there must be many at Avro, by the look of the car lot, are invited to participate in a Cavalcade to the Sports Car Trophy Races on August 16th. at Harewood Acres near Jarvis, Ont. There will be eight races of the fastest sports cars in action. If interested, car owners may contact **Martin Fleet** at CH-6-2489.



WATER SKIING IS FUN according to Jim Goodison of Lofting shown here skimming easily over the water as he is snapped by Newsmagazine photographer, Verne Morse. However, this can be dangerous for beginners if an awkward fall results in being hit on the head by a loose ski. When learning to water ski, wear a life belt.



SWIMMING'S FUN TOO, as indicated by Anola Frampton of Shipping and Receiving seen about to plunge into the cool water. Before taking the plunge, swimmers are advised to know where they are diving BEFORE diving; swim where others are swimming; NOT swim too far out — after dark or in strange waters; allow two hours after eating.

Strict Regulations For All Boating Enthusiasts

This summer saw the start of a boat safety drive throughout the province. Everywhere there has been a general clamping down on boat owners contravening regulations.

Reason for this of course is that ever increasing numbers of Canadians are buying boats and outboard motors without ever considering whether the two can go together safely.

For instance, the speed enthusiast probably buys a light shell and outsize motor. This may be great fun for him when the lake is like a mill pond, but when the water suddenly turns choppy a spill can occur easily. And the speed fiend is a constant danger to small boats and canoes which can be swamped by the wake.

Regulations now being enforced do not permit a boat on the water unless the motor is of suitable power.

Overloading is another common practice that has led to many fatalities on Canadian lakes. Taking friends out "just for a short run" or back home after a party usually means that every available foot of space in the boat is occupied and there are dangerously few inches of boat above the waterline.

Toronto Harbour Police have ordered several boats ashore this year for this one reason.

Another common failing is the sup-



AVRO MARINERS — Avid promoters of water safety is the Avro Marine Club, some of whose members are shown here with their do-it-yourself boats. Owners of the contrasting craft shown are Jeff Grossmith of Engineering in his one-seater and Art Frampton of Production Engineering, centre at top right, who built his 12-seater from a plan designed by Jack Denton of Design Office, who is wearing sailor's hat in centre of photo.

ply of lifejackets in the boats. There should be one for every passenger in the boat and of the approved type. Resort owners who hire out boats

have also been asked to co-operate in supplying lifejackets for each passenger in the boat. When renting a boat make sure it is in good shape.

CLASSIFIED ADS

This want ad service is offered free of charge to employees only. Turn all ads in to **EMPLOYEE SERVICES DEPT.** and not **AVRO NEWS**. Include your name, home address and house telephone number, in that order, with your ad. No Avro Aircraft local telephone numbers can be published. Ads will be repeated once only on renewal of the ad.

ARTICLES FOR SALE

FOLDING Steel Camp Cot, ¾ width, suitable for camping or cottage, \$5.00. CH 4-7848.

AIRCRAFT, Ercoupe new C. of A. \$2700 or nearest offer, GL 1-1768.

COAL FURNACE, Gurney Steel, all pipes etc. CH 1-9052.

CHESTERFIELD Suite—2 pcs. serta sleeper as new \$150.00, 57, Seabreeze continental Hi-Fi combination, tape recorder, record player and radio, blonde mah., as new \$450. RO 6-3785.

PAINTING and Decorating Equipment. Includes 4 sets of ladders 24 to 28 feet long, best offer, WA 2-2931.

WALNUT Dining Suite seven piece extending table, fine condition, chrome kitchen set, rangette good condition. ME 5-0079.

KROEHLER Chesterfield & Chair, 7.5 C. Ft. refrigerator, single bed and bedside table, other household items. CH 1-8703.

FIBRE Glass Cloth and Resin, cheap 6-model aircraft diesel engines, 1957, 7½ H.P. outboard motor, \$170, after 5. CL 5-4273.

HOT Water Tank, Inglis Glasteel 40 imp. gallon, two 1000 watt elements with thermostat and flip-flop connection. RU 3-3915.

SPANISH Gibson Guitar, 2 months old, like new \$100.00 with case, CL 9-5153.

TRICYCLE, thistle make, A-1 condition \$10.00, BU 6-2265.

BOX Type Trailer and spare tire \$15.00. BU 6-2265.

JIG Saw, excellent condition with ¼ h.p. Westinghouse motor \$20.00, gossip bench never been used still in original packing box \$17.50, BU 6-8888.

STROBEFLASH, Electronic Light Unit. 100 watt/seconds for commercial or amateur use, brand new condition including batteries, very robust unit \$120.00, CH 4-8479.

DUALFLEX IV Kodak Flash Camera, complete flash, batteries carrying cord, RO 7-8593.

CARS FOR SALE

1955 FORD Meteor 27,000 miles, LE 3-5692.

1957 FORD fairlane, 4 door town sedan automatic, push button radio, whitewalls, tu-tone, windshield washers, (can be financed) \$2350. RO 6-3785.

1952 FORD coach, two tone, one owner, after 7 p.m. week nights only, RO 9-4954.

1955 METEOR, business coupe, royal blue with whitewall tires, 12,700 miles, new car condition \$1295, HI 4-3647.

1950 MORRIS Minor, high pressure supercharged, overhauled for, but never raced \$300, will separate, car \$175 supercharger, fit most cars up to 3000 c.c. \$150, also Judson VW Supercharger \$135, RU 1-0519.

1948 PONTIAC \$135, or best offer, good condition, fitted heater and turn signals, reliable, CH 4-9515.

1958 DODGE Royal sedan power steering, brakes, two tone, 3,000 miles will take trade, 4-1688.

1952 METEOR, 2 door, excellent condition, have to sell, very reasonable, after 6 p.m., RU 2-8527.

1951 CADILLAC Fleetwood, power windows, automatic transmission and radio \$600, VI 5-6296, Oakville.

MISCELLANEOUS

ANYONE having information about damage to a blue porsche coupe in the east lot on the morning of Thursday, July 10, HU 9-7652.

GARAGE to Rent, suitable for European size car, RO 9-1286.

WANTED

UNFURNISHED Apt., 2 to 3 rooms for young man from Sept. 15, Downsview area preferred, CH 4-5130.

KINDERGARTEN Table and Chairs and tricycle for two years old, HO 1-2749.

PROPERTY FOR SALE

SMALL Cottage, furnished \$1500.00 woodland beach, Georgian Bay. TR 8-9171.

LOT For Sale 100x150 location 2 miles north of Caledon, No. 10 highway, on small subdivision, price \$650, for quick sale contact T. C. Wilson, Kenneth Ave., Erin.

5 ROOM Brick House three years old, reasonable, Fergus, 1057M.

7 ROOM Stucco House, 30 miles from Malton on 1 acre lot in pretty village close to school and shopping containing 3 rooms on first floor, 4 good sized bedrooms has oil fired furnace, all aluminium storms and screens, garage, all for low down payment, Alton, 1070.

3 BEDROOM Bungalow, L-shaped living-dining room, large basement, enclosed rec. room area, paved streets, curbs, side walks, school one block away, Rexdale area, CH 4-0996.

COTTAGE For Sale, Lake Simcoe in Glenwood Beach area, selling for cost of cottage and lot, lot is 30 ft. x 20 ft. with log siding, sale price \$1400 with contents, for further information, AM 1-4350.

COTTAGE For Sale or rent, summer on Lake Simcoe, Big Bay Point, GL 1-4079, Brampton, evenings only.

4 ROOM Bungalow \$15,500 full price, basement suite, self contained, available in August, owner will hold mortgage. CH 4-1688.

ACCOMMODATION AVAILABLE

3 BEDROOM Bungalow for rent, modern, in "King City", \$80 per month, to responsible party, TU 4-2269, Richmond Hill.

ROOM and Board for three gentlemen, 5 miles from Avro at Woodhill, 114J2, Snelgrove.

FULLY Furnished 3 Room Cottage, for rent on highway 27, 20 minutes from Malton, suitable for couple, inside convenience, Bolton 217W2.

FOR Rent, Ground Floor, \$75.00, suit couple, west end, C. B. Chamberlain, 206 Gooch Ave., Toronto.

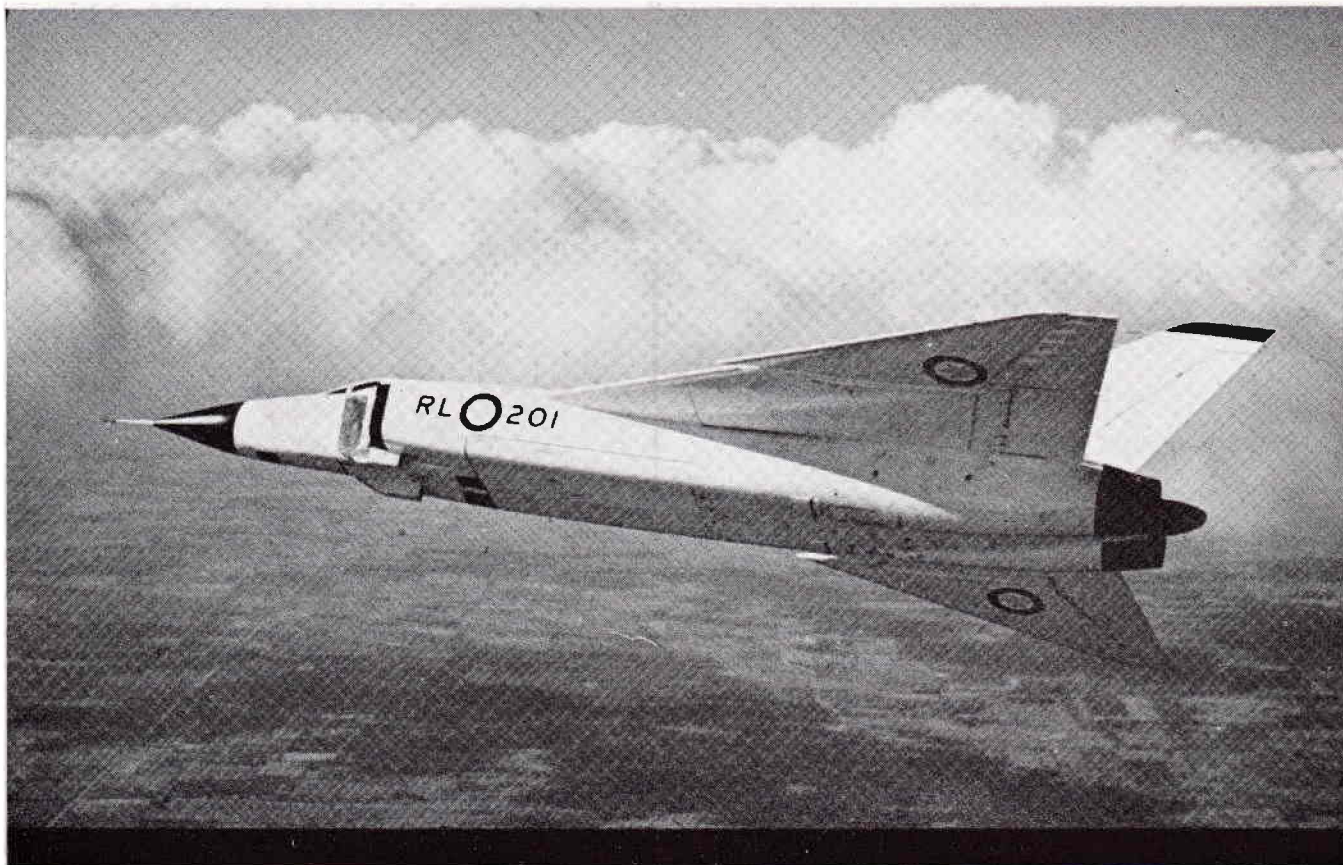
2 LARGE Bright Rooms for rent, new Rexdale, close to shopping and bus, CH 4-5681.

2 LARGE Rooms, private bath, heavy wiring, vacant August 8th, CH 1-1572.

NEW Three Roomed Apartment for rent in Acton, overlooking lake, suit couple with one child or would let kitchen and one room to single person, very reasonable, Acton, 626R.

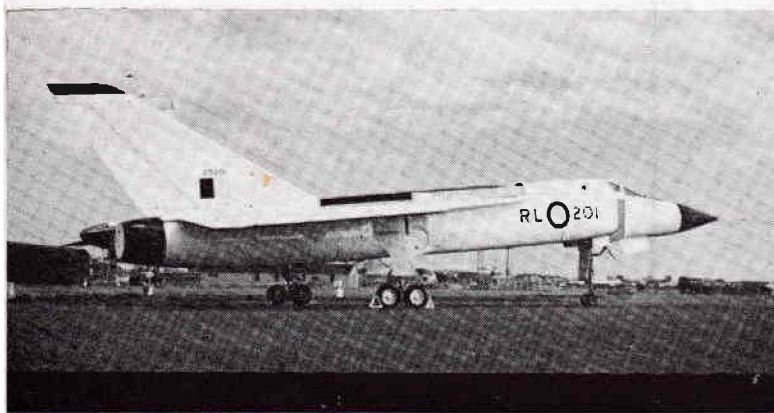
APARTMENT For Rent \$75.00 monthly including heat, hydro and garage, available Aug. 1st, suit business couple, Bolton 292J.

3 ROOMS for rent with bath, all convenience, adults abstainers \$72.00, RU 1-4305.



▲ The Avro Arrow is shown in flight during test manoeuvres over Ontario.

The Arrow weapon system is a bomber-destroyer having supersonic mission capabilities. ▼



The Avro Arrow is as big as a World War II bomber yet took off on its first flight in only 3,000 feet of the 11,000 foot runway at Malton. ▼



AN ARROW IN THE SKY

Since its first flight on March 25th, the Avro Arrow has been meeting the vigorous demands of its extensive flight test program. Proceeding according to plan, the Arrow flew faster than sound on its third flight, and more than 1,000 miles per hour on its seventh flight.



**AVRO AIRCRAFT
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