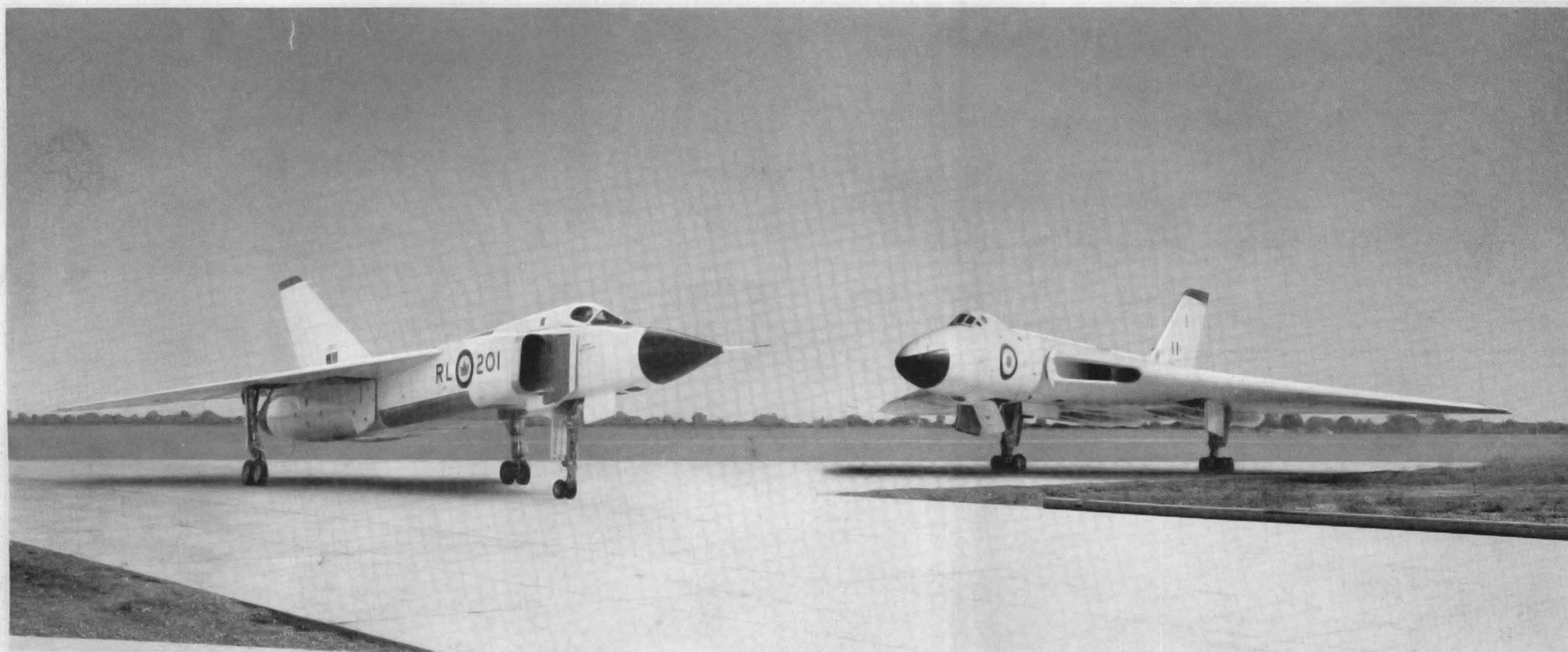


# Arrow meets Vulcan



## *Vulcan arrives at Malton after non-stop flight from Farnborough*

Avro's famed Vulcan, the first delta four-jet bomber to be put in operational service, made its first appearance in this area last Friday when it was seen for a brief moment at the Canadian National Exhibition and then touched down at Malton.

Flying non-stop from the Farnborough Air Show to Malton—a distance of 3,570 miles—in six hours and 31 minutes, the Vulcan's pilot, Squadron Leader Donald Skeen, brought greetings from A. F. Burke, President of the Society of British Aircraft Constructors Ltd. which puts on the Farnborough Air Show, to Frank Young, Chairman of the Canadian International Air Show.

The message read: "The Council and members of the S.B.A.C. send greetings and good wishes for the greatest possible success of the Canadian International Air Show. These wishes are carried to you by one of our star performers at Farnborough, the Vulcan bomber . . . Our sincere wishes are that aeronautical advances will bring our two nations closer together."

A second Vulcan, flown by Flight Lieutenant Walter Green, stopped over at Goose Bay on Thursday

night and then arrived at Malton shortly after the first delta bomber had landed. The two planes reversed positions going back, with Fl./Lt. Green flying back to England non-stop carrying a message from Mr. Young and Mayor Nathan Phillips to the Farnborough Air Show.

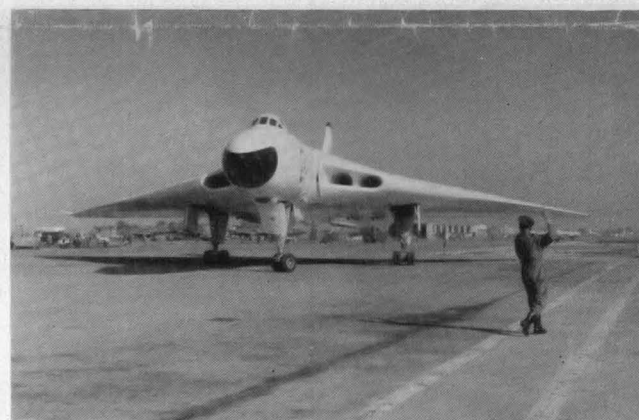
The Vulcan, a medium range bomber that is considered to be the fastest in the world, made an impressive sight as it landed. A great deal larger than its sister ship, the Avro Arrow, the Vulcan has a wing span of 99 feet compared to the 50-foot span of the Arrow. It is 97 feet long and is capable of carrying a nuclear war-load over long ranges at extreme altitude within a small fraction of the speed of sound. It has greater hitting power than the total bomb load of all the 7,366 Lancasters produced during the war.

Part of the Avro rolling gate had to be removed to permit the Vulcan to proceed from the Airport to its berth at Avro Aircraft Ltd., which provided some services for the Vulcan during its brief stay here.

Considerably heavier than the Arrow, the Vulcan is powered by four Bristol Olympus two-spool

turbojet engines. It has a crew of five, and represents more than 100 percent advance in speed and cruising altitude over the Avro Lincoln, which was the standard Royal Air Force bomber at the time the V-bomber specifications were issued in 1947. The

RAF has never been without an Avro aeroplane. It took nine years and eight months from the receipt of the specification until the Vulcans began service with the RAF. This compares with nine years and four months for the latest American bomber, the B-52.



THE FIRST VULCAN arriving at Malton.



THE AVRO ARROW interceptor, (foreground), can be seen in this picture with two Vulcan bombers from England. They took part in the Farnborough Air Show prior to their arrival here.



## Letters to the Editor

(Don Brown's article in the August 6 edition of the *Ottawa Citizen* on the Arrow, which we reprinted in connection with the CF-105's recent achievements, sparked considerable comment. Following are two letters from Orenda personnel on the subject).

Dear Sir:

In The Orenda of Aug. 29, page 2, there are several misleading statements concerning the Avro CF-105 Arrow which should be corrected.

In the beginning of the paragraph there was a statement to the effect that the aircraft was superior to anything on the drawing boards in any country. The North American F-108 and B-70 (fighter and bomber respectively) are in the design stage at the present time and will be capable of Mach 3. There is also the research aircraft, the X-15, which is to fly shortly and which should be capable of satellite-type flight beyond the earth's atmosphere.

It was also stated that the CF-105 is "capable of breaking the sound barrier in vertical flight." This is a little optimistic and should read in the climb.

It was also inferred that no U.S.A.F. jets can do this. Certainly not in vertical flight, but around 1954 when the Convair F-102A first flew it achieved a speed in excess of Mach 1 in the climb. Since then the Convair F-106 has flown and this is an improvement on the 102.

Commenting on the world's speed record of 1,400 mph achieved by the Lockheed F-104 in May, "Flight" had this to say: "its maximum level speed, (quoted by "Flight" as Mach 2.27), was equalled on the climb to the record height." Also a General Electric advertisement in Aviation Week in May stated that the F-104 "climbs as fast as it flies level." The writer has also seen the figure of Mach 2.1 quoted as the climbing speed of the F-104.

Other aircraft capable of supersonic climb are the Republic F-105, Fairey FD-2, English Electric P1 and the French "Trident", and no doubt, the Russian MIG-21 jet fighter.

All these foregoing statements concerning the Arrow and the U.S. aircraft are by no means intended as a slur on this fine aircraft. In its class as a two-seat long range high performance all-weather fighter it reigns supreme. Also the speed at which Avro has put three aircraft into the flight test stage is a magnificent achievement. They achieved supersonic speed on the second test flight, and have had it up to very high mach numbers very early in the program—often flying twice in one day. For such an aircraft, with all its complicated recording gear, this is extremely good progress. In this writer's opinion, Avro has an aircraft on which all the Canadian industry can be proud—without any slurs against the American jets.

E. N. Hooton,  
Orenda Flight Test.

Dear Sir:

I'm quite surprised to see you reprint the article by Don Brown of the *Ottawa Citizen*. It is very flattering to the CF-105, but it also has an anti-American slur which I don't care too much for, ie. "if the Americans had an aircraft which could break the so-called sonic barrier they would have trumpeted it from the roof tops."

I recall not too long ago having read an article in The Orenda listing a group of countries which receive a copy of this paper, among them some cities in the U.S.A.

We Canadians like Americans, they are closer to us than the British, and I wouldn't like the Americans to think it was a native-born Canadian who would reprint an article including this sort of sentiment. Was it?

William Lucy,  
Clock 49157,  
Dept. 2742.

(Editor's Note: Yes, it was).

## New timekeeping program expanded

Chief Timekeeper Frank Jordan announced this week that the new timekeeping system—at present in effect in the Plant 2 Machine Shop—will be used in the Repair and Overhaul, Final Assembly and Sub-Assembly Departments starting Monday.

It is anticipated that the Blade Shop and Tool Room sections will begin operations with the new booking-on system at the end of the month.

The conversion progress in the Machine Shop has been quite satisfactory, and Mr. Jordan felt that a point had now been reached whereby it would be more efficient to include these departments.

## We see where...

...Art Stimson, Plant Engineering, provided entertainment for thousands with his puppets at the Canadian National Exhibition. Past president of the Toronto Guild of Puppetry, which had a booth in the Handicraft section of the Queen Elizabeth Building, Art and his puppet "Rastus" put on shows on Labor Day and two Saturdays.

...L. E. Marchant, Chief Inspector and Quality Control Manager, was elected chairman of the Ontario section, Non-destructive Testing. Mr. Marchant was treasurer of the group, which has a membership of 80, last year. Chris Hunter, Production Detail Inspection Superintendent, was named to the Executive Council for the second successive year.

...Mel Phipps, Chief Design Services Engineer, delivered a talk on "Standardization—a must for the space age" at the seventh annual meeting of the Standards Engineers Society in Philadelphia this month.

## Dec. 13 date of Christmas Party

Recreation Officer Ron Forbes announced this week that plans are now underway for the annual Orenda Christmas Party, which will be held on Saturday, December 13, this year.

Staged as usual at the C.N.E. Coliseum, the entertainment will again feature circus performers. Completely new acts are assured for the program, which will also see prizes distributed to all children 12 years of age and under.

Mr. Forbes reminds those that have recent additions to the family to make sure they're added to the records in the Personnel Department, as tickets will again be distributed by these records this year.

Board of Trade will make an appearance, while nearly 200 people from the Engineering Institute of Canada are to visit September 25.



how John Brennan sees....

## The C.N.E.

Thank goodness the Canadian National Exhibition is over for another year!

For inasmuch as it benefits Toronto businessmen and in general promotes Canada, it's quite a struggle for the residents of the area. Traffic problems are bad enough without all the extra vehicles the Exhibition attracts.

As for the Exhibition itself, there's very few that don't find it exciting—what they can manage to see of it. Visitors, for the main part on holiday, can go during the week when crowds are light, but residents

have to go on the Saturdays and Labor Day when one goes in the door and is pushed the rest of the way around.

It takes more than one day to see all the exhibits and enter into the fun on the midway, but after one day, Toronto and area residents are so fed up with battling the crowd that they never seem to muster enough energy to go back for a second shot.

I'm glad to see that the fountain's back in its old spot as a common meeting place, but so many use it that it defeats its own purpose. Then too, when it's all over, mother has the



problem of cleaning up the booklets, pamphlets, free samples and give-away material that Dad and the kids have brought back.



"I told mother to meet us at the Princess Margaret Fountain—now where could she have got to?"

## Art Dierden heads new committee to study manufacturing processes

General Works Manager Jack H. May announced last week that Art Dierden, Assistant to the General Works Manager, will head a committee to undertake studies of manufacturing processes on a company-wide basis.

The purpose of the committee is to provide a central point through which the investigation of advanced manufacturing techniques and equipment may be conducted and the results of these studies will be made available to all sections of the company.

It is also expected that this will provide the opportunity for effective co-ordination of plans to introduce new methods to the company and properly assess their economic feasibility in relation to existing and future products.

The committee, which will consist of senior representatives from the following sections: Design, Materials, Experimental Manufacturing, Production Engineering, Procurement

and Industrial Engineering, will authorize the investigation of specific projects for study and assess and recommend specific action for the adoption of new processes, material forms or equipment.

Mr. May stated that the committee will undertake studies of alternative methods of manufacture in areas where difficult problems have been encountered and where it is considered that more economical methods should be found. When the committee has decided to recommend the adoption of a new process, material form or the acquisition of new equipment, it will work with the department or section responsible for the implementation of the recommendation to ensure that the benefits anticipated are realized.

In this connection, Mr. May announced the appointment of Ernie Bartle as Project Engineer—Manufacturing Process Studies. Mr. Bartle will report to Mr. Dierden and his duties

will be to carry out the detailed investigation of all projects authorized for study by the new Manufacturing Process Study Committee.

These duties will require contacts with equipment suppliers and manufacturers, suppliers of materials and manufacturing concerns who have developed advanced manufacturing techniques, and to report to the committee on their economical feasibility in relation to the manufacture of the present and future products of Orenda.

## 10-year Assoc. party Oct. 25

Directors of the Orenda 10-year Club Association announced this week that the annual Fall Ladies Night will be held on Saturday, October 25, at the Pickfair Restaurant.

## Swedish Air Force Chief headlines Orenda visits

Lieutenant-General A. G. Ljungdahl, Chief of Royal Swedish Air Force, visited Orenda Engines Limited on Wednesday morning as part of his tour of RCAF installations in Canada.

General Ljungdahl headed a list of seven groups which have or are to visit Orenda within a two-week period.

Following the General's visit on Wednesday morning were five financial editors from the United Kingdom, who toured the Production Plant in the afternoon.

On Thursday, 13 members of the RCAF Sabre

Day Fighter Leader Qualification Course toured the plant. The visit was designed to provide an opportunity for the officers to broaden their knowledge of future aircraft and equipment trends and to discuss mutual aircraft problems with company technicians.

Today (Friday), 32 members of the Air Law Section of the Canadian Bar Association made a general tour.

On September 18, the Society of Chemical Industries, which includes top executives from several countries, will visit.

On September 24, two groups from the Junior





ALBERT BOWN, Orenda's head gardener, is seen here giving Jean Tocher, Security Office, a special guided tour through the gardens in front of the Production Plant.

## Hallowe'en Dance slated for Nov. 1

The Recreation Club plans to hold its Hallowe'en Dance at the Palace Pier on Saturday, November 1.

While billed as a costume party, with prizes for the most original costumes for men and women, dress for the dance is optional. Tickets will go on sale in the first week of October, and they may only be obtained at the plant.

## OEWSF grants \$500 in August

Grants totalling \$500 were approved from the internal account by the Orenda Employees Welfare Service Fund committee for August.

Eight cases were considered by the committee. The contribution to the 15 percent internal fund amounted to \$762.72 while \$4,322.10 represented the 85 percent charities fund total.

## What Do You Think?

If plans went ahead for the proposed monorail system from Toronto to Malton, would you use it?



Fred "Sandy" Wilson, Test Cells: "I think it would be great for work. It would certainly be a lot faster than battling the heavy traffic to work every morning. I'd use it."



Beverley Owen, Purchasing Department: "I think it's a good idea, but I wouldn't use it because I live too close to the plant. It would be fine for anyone in the Toronto area though."



Jessie Sliz, Planning and Tool Design: "I don't think so. It's too far away for me to get to one of the stations. However, I believe it will be an excellent means of transportation for those who can use it."



Ben Summerfield, Plant 1 Machine Shop: "I wouldn't use it because I think it would be too crowded like the subway. I like my car for comfort and convenience. Traffic doesn't bother me at all."



Shirley Buckham, Manufacturing Department: "It would make a lot of difference in the traffic and help a lot of people to get to work on time. I'd use it if it worked out all right."



Charles Thompson, Ferrous Lines: "I think the monorail system is a good idea. I'd much rather use a public transportation system than my car if given the opportunity."

# Had to paint lawn green once, but Orenda's head gardener never beaten

Visitors to Orenda, while primarily interested in the workings of a jet engine, invariably remark on the impressiveness of the landscaping, and especially that of the front entrance to the Production Plant.

The man responsible for the upkeep of Orenda's landscaping is head gardener Albert Bown, Maintenance Department, who maintains he's never been beaten by a garden or lawn yet.

On this point, Albert, who has been with Orenda since 1948 but in the gardening business 40 years, was severely put to test. The occasion was the unveiling of the Iroquois engine on the Plant 2 front lawn last summer.

Two days before the unveiling, a stiff breeze slopped some weed killer onto a patch of grass on the centre section of the front lawn. The next day the grass started to die and by the morning of the unveiling it was just a patch of straw. Maintenance Superintendent Joe Faulds asked Albert what he was going to do, and said: "I guess you're beat this time Albert."

Admitting he was a little bit nervous about this patch of brown in an otherwise perfectly green lawn, Albert borrowed a can of leaf green paint and a brush and four hours before the scheduled start of the unveiling found him on his hands and knees painting the grass green.

"Mr. Faulds came out and was amazed," said Albert. "I asked one of the Orenda Pipe Band members, who was parading over the spot where I painted, if he noticed the lawn. He said it was nice and soft on the feet. I don't think anybody realized it had been painted."

Albert started gardening when he was 12, and took a seven-year apprenticeship under Tom Medd in Durham, which is in the north part of England. Among his fellow workers was a Mr. Carter, since deceased, who was the Royal family gardener.

Coming to Canada when he was 22, Albert started at Dales in Brampton and worked there 11 years. He joined the Army in 1939 but was let out two years later and then started with National Steel Car as an expeditor. In 1948 he joined A. V. Roe Canada Limited as an expeditor, but when Orenda's Plant 2 opened in 1952 he was asked to take over the landscaping.

"When I first started I had two men to help me and only the front lawn to landscape," said Albert, "but now I have 200 acres to look after, and still only two men. However, we manage. I've had wonderful co-operation from the men and management, otherwise I wouldn't be able to get it all done."

Albert's designed the landscaping for the Sopwith Building, the Sales and Service Building and the new test facilities, and has redesigned Plant 2 to its present form.

Another of Albert's innovations is the growing of his own fertilizer. Taking the waste from the sewage disposal plant, it is pulverized and then put in a compost pile to rot. Last week, after two years of rotting, the fertilizer was used for the first time. Albert expects to obtain about 500 bags of fertilizer

this year.

The landscaping consists of all evergreen plants and shrubs, and as Albert says, it looks equally as good in winter as in summer. Then too, there would be too much work to attempt flower gardens.

"Design is three parts of the job," said Albert. "The ground, climate, sun and weather conditions all have to be taken into consideration when laying out a garden. Here, we have to take into consideration the west wind, and also the fact that the sun never reaches one

corner of the front entrance. Our choice of plants was dictated by the conditions."

As a hobby, Albert works on the landscaping of his two-acre residence on Number 10 Highway, just south of Brampton. He also raises show birds, Bantams, and this year won awards with his Little Barred Rocks. He entered his birds in the largest class ever shown at the C.N.E., some 120 entrants from all over Canada and the United States, and won a sixth and an eighth place award.



ORENDA'S GARDENING STAFF is shown in this photo. Head Gardener Alber Bown (left), Frank Burling and Reg. Rodgers (right) are seen straightening some of the evergreens in front of Plant 2.

## RCAF tops Navy in sailboat race

The Royal Canadian Navy could be slightly embarrassed, writes the Uplands Times — the RCAF Station Uplands newspaper.

"The senior service challenged the RCAF 407 Maritime Squadron at RCAF Station Comox to a sailboat race at naval headquarters at Esquimalt, near Victoria.

"So sure of their sailing ability, the tars even offered to loan the airmen one of their 'sailorettes' for the event. Aircrews from 407 Squadron were more used to heavy four engined Lancaster aircraft than small sailboats, but they accepted the challenge.

"Leafing through books on the subject and asking questions, the flyers rapidly acquired a basic understanding in the art of sailing.

"Under sunny skies and ideal conditions the race was on.

"The Air Force won against three navy boats.

"Crew of the RCAF entry was Flying Officer R. R. Edmunds, of Ottawa, and I. P. C. Sherlock, of Portsmouth, England."

## To ensure prompt payment of drugs

In order to obtain prompt payment of benefits for the cost of prescribed medication which is required for treatment of an illness, Personnel Services asks that:

All personnel should ensure that the receipts that are forwarded to Personnel Services indicate clearly the date, drugs supplied, the name of the person for whom the drugs were prescribed, the name of the prescribing physician, as well as the amount charged.

When medication is provided by the physician, the receipt should show details of the dates and type of drugs supplied.

## Bear interrupts Nobel golf game

If some of the golfers at the Parry Sound Golf and Country Club appear nervous during the course of a match, it's quite understandable after the incident which took place one day last month.

Donald Buckham, brother of Ed Buckham who works in the Drafting Office of Orenda's Nobel establishment, was caddying at the golf course when a bear burst out of the bush in between two ladies and the group he was caddying for.

Don says it was quite a sight, and remembers one of the lady golfers screaming, "Help, help, it's killing me."

Apparently two hunters had chased the bear and it took off across the golf course. It ran straight towards the golfers before veering off across the highway and back into the bush. The hunters never did catch up with the bear.

Golf scores weren't too good that day, and duffers are still a bit leary when they slice into the rough.





## Kennedy comments on Sport

By John T. Kennedy

After three games in the Orenda House League Softball Round Robin Playoffs, Don Aubin's Orenda Hawks were leading with two wins, and no losses, and needed but one more victory to win the series, while the Dodgers had chalked up one win and a loss. The Imperials who finished in top slot in the schedule, were the victims—dropping both games.

On August 27th, Don Aubin threw a no-hit, no-run game to lead the Hawks to a 5-0 victory over the Dodgers. It was a tense and perfect game for four and a half innings, then Jim Reeves singled in the bottom of the fifth to break a real pitching duel between Aubin and Don Sherman. Bob Sutherland, who entered the game in the seventh, slammed out a home run with one on in the seventh to end the scoring. Don Sherman, who absorbed the loss, had six strikeouts and gave up two walks, while Aubin gave up four walks and struck out five.

The Hawks' other win came on August 26th, as they downed the Imperials 5-1. Aubin was again on the mound, striking out 10 and walking none. Bill Mitchell, on the mound for the Imperials, struck out five and allowed three walks. The first run for the Hawks was scored in the second inning as Ed Chorostecki was sent to first base after being hit by a pitched ball, with the bases loaded. Fred Buchanan, catcher for the Hawks, hit a triple in the fourth to drive in Aubin who had singled with two away.

Frank Forbes scored the Imperial's only run in the sixth, on Bob Emerson's double. The Hawks added three more runs in the seventh.

On September 2nd, the Dodgers kept their playoff hopes alive as they downed the Imperials 9-5 in an eight-inning game. Jack Swift pitched two and a half innings for the Dodgers and allowed four hits, two walks and struck out one. Don Sherman, who then took over the pitching duties, finished the game with three strikeouts, one walk and four hits. After leaving the mound, Swift took over short stop position from Al Dalzilio and came up with some terrific plays. Bill Mitchell, going all the way for the Imperials, allowed seven hits, two walks and struck out none. This game saw three home runs. Ron Hipkins in the third, and Colin Moffatt in the sixth for the Dodgers, while Howard Porter went around the bases on errors in the fourth for the Imperials.

\* \* \* \* \*

### BOWLING UNDERWAY

Well, another "hot" season of bowling got underway last week and we mean "hot". It must have been 90 degrees at the Rexdale alleys and from all reports, the Toronto Leagues won't need to wear woollen shirts all year. In the Toronto Mixed the top teams will be kept on their toes as the league has seen fit to base the handicaps on 220 with a maximum of 75 for women and 35 for men. This should put all teams on an even par and the league hopes this to be so.

In the first night of bowling for the Toronto Mixed, five teams took seven points, the Ottabees (who are back after a year's absence), the Off Shoots, the Zephyrs, the Bowley Rollers and the Beavers. Mary Dwyer of the Hotshots was the best for the women rolling a 654 triple, while Mary Holden of the Bowley Rollers rolled 241 to take the high single. Bob Byerley of the Ottabees posted a 757 for the men's high triple and Cleo Cameron of the Orendas a 297 for the high single. Both the Toronto Men's and Mixed Leagues will be minus that mighty little bowler, Al Speir, this year. Al kept Orenda's bowling prestige high by winning the Avro-Orenda high average bowling trophy twice in the last three years. Last year he finished with a 249 average in the men's league to top all bowlers in the Avro and Orenda leagues.

\* \* \* \* \*

### BRIDGE CLUB STARTS

The Avro-Orenda Bridge Club will begin its 1958-'59 season on Monday, September 15th, and bridge players are invited to come out and join in the fun. This year's officers are:—

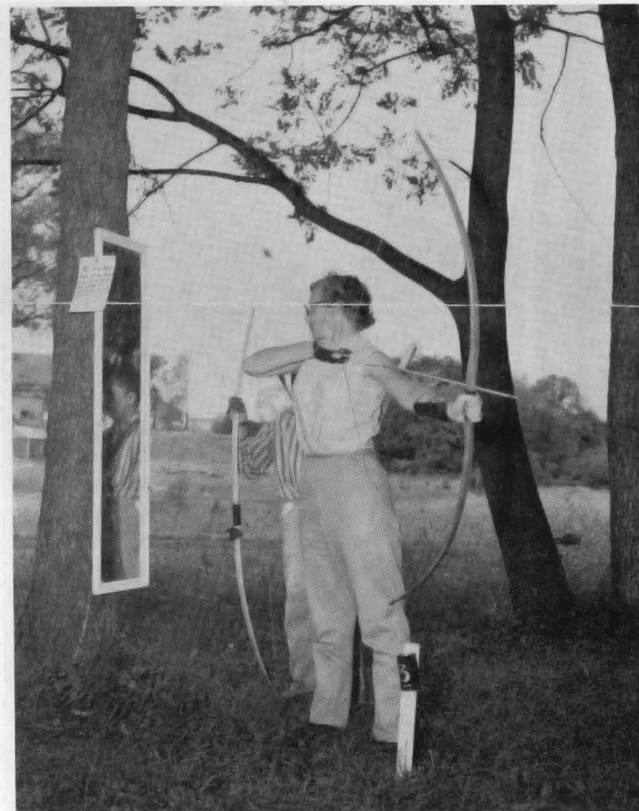
President	—Ray Nash
Vice-President	—Vince Guerin
Secretary	—Jim Boyle
Treasurer	—Fred Burke
Ass't. Treasurer	—Jim Guy
Results Director	—Ron Sherwood
Librarian	—Peter Kubicki

All tournaments this year will be held at the "Lawrence Plaza" Restaurant (Lawrence at Bathurst) and will start promptly at 7:45 p.m. Needless to say the Plaza provides ample parking facilities.

In addition to prizes each evening, master points will



JACK McCLAY is shown trying to get his balance on a stump before shooting at the target in the recent Orenda Archery Club's novelty shoot. Linda and Bob Davidson look on with interest.



DOROTHY DAVIDSON, who took top score in the women's division in Sunday's novelty shoot, is shown here aiming for the target by means of the mirror on the tree. Husband Vic Davidson topped the men's section, while Paul Marcouiller took the junior division.

be awarded in accordance with A.C.B.L. regulations, and last, but certainly not least, handsome trophies for league and tournament winners will be presented at the end of the season.

The committee has prepared an interesting schedule this year, and bridge players who want inexpensive entertainment and competitive fun, are urged to join the club. Further information will be given at the first meeting on September 15th, along with the program of events.

\* \* \* \* \*

### HERE AND THERE

We see where Al Bruno, one of our past Orenda Recreation Officers, was on the King Whyte Television show recently. Al was playing pro football for Winnipeg while at Orenda and has now taken over coaching duties of the "London Lords" Football Club from Indian Jack Jacobs in the Senior O.R.F.U. league.

Best of luck to Les Galley who recently left Orenda to become an insurance salesman. Les was a past President of the Orenda Recreation Club and was well known throughout the plant for his interest and work in Orenda's Recreation Program and his participation in various activities.

## Hole-in-one for Mack McKenzie

Mack McKenzie, Experimental Machine Shop, Plant 1, realized that golfing rarity, a hole-in-one, last Thursday.

Playing in a foursome with Fred Hussey, Grinding Room Sub-Foreman, and George Staffen and Rick Head, Mack potted his tee shot on the 15th hole using a nine iron.

## Car pool drivers liable for damage if riders injured

Orenda people who own or operate cars carrying fellow Orenda persons to and from work for compensation should note that they are liable for damages resulting from injuries to their passengers caused by negligence of the driver.

The motor vehicle liability insurance does not cover liability to passengers unless the policy is endorsed to cover passenger hazard.

In a recent decision, an Ontario court ruled that the owner and driver of a motor vehicle is liable for injuries to all passengers regardless of whether they are paying passengers or not, if any one of them is a paying passenger.

The owner or driver of a motor vehicle is not ordinarily liable for injuries to passengers, except in the case where the vehicle is used to carry passengers for compensation.

This regulation does not apply, however, in many instances when travelling outside of Ontario. An endorsement to your existing policy known as S.E.F. No. N 6 may be obtained from your insurance company at a cost of approximately \$6.50 per year.

## Obituary

Edward Burwell, 48, of Production Sheet Metal, Plant 1, died suddenly on Monday. Mr. Burwell, who had been with Orenda since 1949, is survived by his widow and three children.

## Want Ads

This want ad service is offered free of charge to Orenda personnel only. Turn all ads in to Employee Service Dept. and not The ORENDa. Include your name, home address and home telephone number, in that order, at the end of your ad.

### FOR SALE

Concrete Laundry Tubs, \$5; Boy's CCM Bicycle, 22-20, \$10. CH 1-0256. M. Roche.

"Sni-dor" fully automatic 3-speed portable record player. Holds up to 10 records at one time. Excellent condition. Cost \$100 — will sell \$50. 6 June Avenue, Brampton. Glendale 1-5411.

Lakefront Cottage Lots — safe beach, excellent fishing. Hydro. 150 miles from Toronto in Haliburton County. C. J. Swift, 175 Rosemount Ave., Weston. CH 1-2833.

Piano — apartment size — only slightly used. Full keyboard, walnut, Winter make. RO 2-3492.

36" Frigidaire Electric Stove, perfect working order. \$70 or nearest offer. S. Howe, 32 Glenlake Avenue.

### CARS FOR SALE

D.K.W. Station Wagon — 1958. Radio, 7,000 miles. Reasonable. GL 1-5710.

1956 four door Ford in A-1 condition \$1200. BU 6-2629.

### PROPERTY FOR SALE

7 room brick house on Main St., Erin, with oil furnace and 3 pce. bath. Near shopping and schools. Garden and garage. Immediate possession. Telephone Caledon 48-R-12.

Streetsville. 3-bedroom Shipp-built ranch style bungalow. Built-in oven and stove, also vanity in colored bathroom. Thermopane windows. Attached garage. 5 1/2% NHA mortgage. 16 Swanhurst Blvd. TA 6-2560. After Sept. 1 can be seen only at week-ends.

Milton. 6-room storey and half brick home, 3 bedrooms, full basement, oil heat, storms and screens and doors. Landscaped and close to schools. Reasonable down payment. TR 8-4801 or TR 8-9061.

Furnished cottage 18'x22' new condition on Jack Lake near Apsley. Lot 150'x300' with over 200' of shoreline. Hydro on property. Good dock and some sand beach. To close estate. \$2,700 or nearest offer. CH 1-5901.

### WANTED

Youth bed and mattress in good condition. Also child's chifforobe and basinette. CH 4-3105.

### ACCOMMODATION AVAILABLE

Furnished basement apartment in Downsview. CH 1-0256. M. Roche.

1 bedroom apartment suitable for couple, or 2 business girls. \$23 per week (hydro and hot water included). Private entrance. Keele and Lawrence. CH 1-8097.

29 Church Street, Weston. 2 double rooms suitable for 4 men (no food). CH 4-1656.

Lovely bright room — board optional — would suit lady or gentleman — parking facilities. CH 4-3348. Jane and Wilson area.

Etobicoke. Spacious modern one-bedroom apartment. \$90 monthly. Transportation to Malton available. BE. 1-1785 after 5.30 p.m.



TEAM CAPTAINS and representatives in the Toronto Men's Bowling met last Tuesday just prior to the opening of their league this week to elect officers and discuss rules and regulations. Here they listen to Recreation Officer Ron Forbes outline the new rules.