

Alouette 1 provides useful information

Despite a recent decrease in craft continues to provide three the charging current of the bat- hours a day of important scien- tific information in Alouette 1, the Defence the information. Research Board's ionospheric. The oldest satellite being mon- satellite launched into orbit stored by the U.S. National Aer- more than three-and- a- half onautics and Space Administra- years ago. Canada's first space- tion's world-wide telemetry net.



Alouette 1 has worked far beyond the one-year lifetime expected by the Defence Research Telecommunications Establishment scientists concerned. The reduction in the charging current, now under investigation, suggests a problem involving the solar cells and battery power supply. Power difficulties were expected to develop long ago as batteries have a definite life on earth and additional problems are encountered when they are employed in space. The high radiation level in the spacecraft's orbital path as gradually degraded the average solar cell output and the battery charge rate is now approximately half of its original value.

When the decrease in the charging current became apparent, the satellite's operating time was reduced from four hours to about two hours per day. This action built all the batteries up to full charge and Alouette 1 is now being operated for about three hours a day. This workload can be maintained on a continuous basis without discharging the batteries and permits the satellite to function normally.

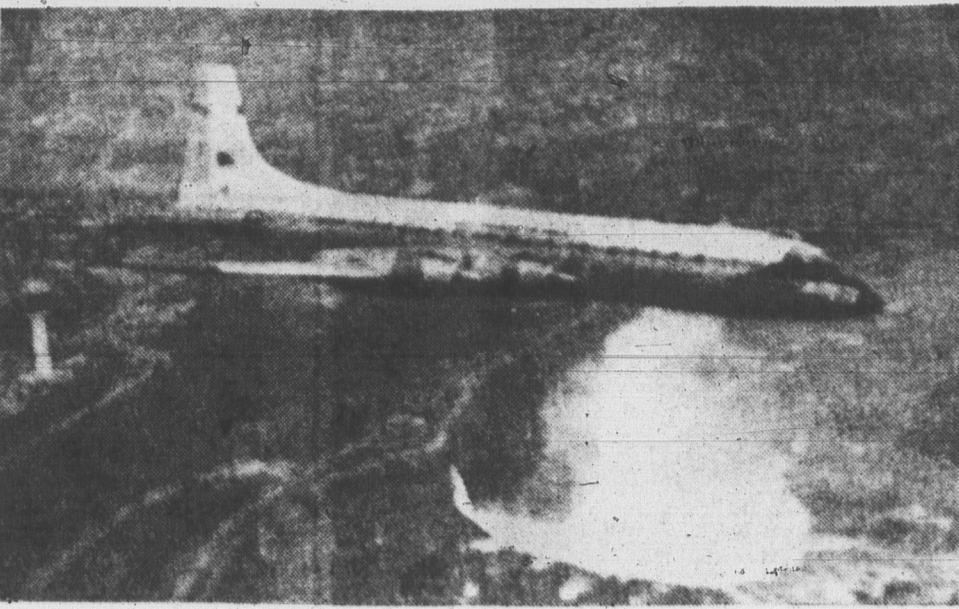
DRTE's scientists report that Alouette 1 placed in orbit last November is performing well with five experiments being carried out as planned. The spacecraft's temperature, power system, telemetry and command systems are operating as designed. Barring unexpected failures, no power problems are anticipated in this satellite for the rest of this year.

ACCIDENT - FREE

Air Transport Command aircraft logged more than 1,500,000 accident-free air miles in personnel rotation and supply flights to Europe in 1965. Nearly 200 return trips from Trenton, Ont. to Germany involved more than 16,000 passengers and 4,000 tons of freight, baggage and mail.

CANADA FIRST

After Russia and the United States, Canada was the first country to design and build its own satellite. Alouette 1 was launched in September, 1962, for upper atmospheric research and is still reporting scientific data.



THE YUKON aircraft is the largest ever built in Canada. The four-engine transport can haul a 27-ton payload some 2,000 miles and 14-ton for 4,000 miles. When employed on Transatlantic troping runs it can accommodate 134 passengers.

ATC activities are world wide

In its capacity as air transport agency for the Department of National Defence the Air Transport Command flies men and material to many parts of the globe. Whether it is the movement of troops to serve with the United Nations emergency forces in the Middle East or the Congo, the airlifting of supplies to Arctic outposts or the carrying of men and equipment to the RCAF's Air Division in Europe - the job is handled by Air Transport Command.

In meeting service transport requirements, ATC has flown millions of miles and handled many thousands of passengers and tons of cargo. It has also been on operations that include the Korean airlift, support flights for the UNEF and ONUC emergency airlifts to disaster areas of the world, annual Arctic supply missions, and search and rescue flights.

Such long range transport aircraft as the sleek Yukon and the versatile Hercules enable the command to operate out of bases whose facilities range from the most sophisticated air terminal to the crudest of landing strips. The four-engine Yukon, largest aircraft ever built in passenger and freight service flights between Trenton, Ontario and Marville, France, servicing Canada's NATO forces in Europe. With normal fuel reserves the Yukon aircraft can transport a 30,000 pound payload 3,900 miles at a speed of 370 mph.

Its ability to operate with a minimum of ground support equipment from improvised airstrips makes this aircraft ideally suited to the task of airlifting supplies to Arctic outposts.

The Cosmopolitan is a twin-engine, medium-range cargo or aircraft. The turbo-prop engines give the aircraft a cruising speed of 310 mph at 20,000 feet altitude. The Cosmopolitan can carry over six and one-half tons of cargo, or 40 passengers with 163 cubic feet of baggage space. The range of the aircraft with maximum load is 974 miles, and with a minimum payload of two and a quarter tons is 1700 miles.

The active militia has 115 regimental-sized and 56 independent company sized units with a total authorized establishment of nearly 42,000 all ranks. The navy reserve has 16 divisions and an establishment of nearly 3,000. The air force auxiliary has six squadrons located at Montreal, Toronto, Winnipeg and Edmonton. Authorized strength is 1,302 all ranks.

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Proving unit commander

S/L Ramon Farrington was born in Nassau, Bahamas and received his education in Nassau and at Sir George Williams University, Montreal. He enlisted in the RCAF at Ottawa in September 1948 and graduated as a Radio Officer. He was stationed with the 404 MP Squadron at Greenwood from 1953 and 1956 and then transferred to the Electronic Warfare Unit at St. Hubert's for a year. He has become a Flight Lieutenant while still at Greenwood. After a year at the Electronic Warfare Unit, he was attached to ADCHQ at St. Hubert's and remained there until June 1961. In June of 1961 he was again transferred to 404 Sqn in Greenwood and after completing his training at OTU, in Summerside, he remained with 404 Sqn until June of 1964. S/L Farrington was posted to the Maritime Proving and Evaluation Unit in Summerside in 1964 as the Officer Commanding and became a S-L in October of 1965. S/L Farrington married Adeline Schneider of Medicine Hat, Alberta and they, with their family, reside in Slemmon Park, CFB Summerside, P.E.I.

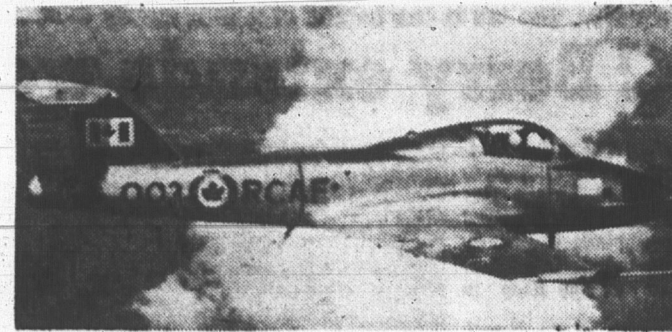


S/L FARRINGTON

FIRST PHOTOS

The first aerial photos taken in Canada were of the Halifax Citadel in August 1883, by Capt. H. Esdale of the Royal Engineers, using an automatic release camera suspended from a captive balloon.

ARMED FORCES DAY IN SUMMERSIDE JUNE 11th, 1966



F. EVERETT CAMERON

Water Street

Summerside

Celebrate Armed Forces Day SATURDAY, JUNE 11

AT

R.C.A.F. Stn., Summerside

Best of Luck to our Servicemen

Morrison & MacRae Ltd.

GENERAL CONTRACTORS

70 Spring St.

Summerside

ARMED FORCES DAY ...

Saturday, June 11th.

Plan to attend the celebrations at RCAF Station, Summerside.

THE

TRADING POST

"We Buy and Sell Everything"

Water St., Summerside

Armed Forces Day

Summerside

June 11th

Come Bring The Whole Family

Good Luck To All Servicemen On Armed Forces Day!

Rogers & Arnett

Wholesale Grocers

Summerside

P. E. I.

ARMED FORCES DAY

Summerside, June 11th.

Come And Enjoy The Fun

Any Time You're In Summerside Drop In And Say Hello

CRYSTAL DAIRY

Pasteurized Milk — Homogenized Milk — Butter

Cream — Chocolate Milk

16 East Street

Dial 2917

Plan to Attend ...

ARMED FORCES DAY

Summerside Airport

JUNE 11th.



Bring Along Everyone And Make It a Family Outing - We Know You'll Enjoy It ...

Maurice Mill Ltd.

CLOTHING OF DISTINCTION FOR MEN



Are Pleased to present the program for ARMED FORCES DAY JUNE 11th. at the Summerside Airbase



Following is the program of events scheduled for Saturday's Armed Forces Day at CFB Summerside.

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|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1:00 | Gates open to Public. Exhibits Open—2 Hangar. Static Display of Aircraft and Service Vehicles. | Argus Solo—2 Engine Flypast CS8F Tracker Formation Take-off, Display and Stream Landing Argus Solo—Low Speed Flypast Maritime Formation Flypast Argus Solo Infield Display Argus Solo Submarine Bombing Attack Maritime Formation Flypast in Diamond—Formation Break | |
| 1:30 | Fire Fighting Demonstration. | | |
| 1:45 | Free Airplane Ride for 4 Visitors | | |
| 2:15 | Guardian of Honour Takes Post. Band plays until 2:30. | | |
| 2:30 | Arrival of Lieutenant-Governor. 100 Man Guard of Honour. Royal Salute. Official Opening Ceremonies. | 4:00 | Concert by the Summerside Legion Concert Band Judo Display—No. 3 Hangar Free Airplane Ride for 4 Visitors |
| 3:00 | Air Show. Neptune Solo Take-off and Infield Display F101 Voodoo Formation Flypast. Argus Solo Maximum Performance Take-off. Maritime Formation—Stream Take-off. CHSS-2 Sea King Helicopter Infield Display | 4:30 | Air Cadet Precision Drill Display No. 3 Hangar |
| | | 5:00 | Band Plays "The Queen" Static Display and Exhibits Close |
| | | 5:30 | Gates Close. |
| | | 8:00 | Dance in Recreation Centre. Music by "The Velvets" |

ADMISSION 50c PER PERSON. ADULTS ONLY.