

436 Squadron, equipped with 13 Hercules, is also located in Trenton. These aircraft flew more than 17,000 hours in 1984, to such destinations as Lahr, Goose Bay, Thule and Alert. Training flights are conducted to a wide range of locations around the world, and the squadron also participates in army exercises in the Arctic and elsewhere in Canada.

The third formation designated as a transport squadron is 435 Squadron, based in Edmonton. It operates nine Hercules aircraft which flew 11,000 hours in 1984 in strategic, tactical and SAR roles. The ATG Tactical Airlift School is located with 435 Squadron. In the SAR role, a Hercules is maintained on notice around the clock to respond to an emergency landing or crash by any of the commercial airliners transiting Canada on polar routes.⁶

The remaining four Hercules are operated by 429 Squadron in Winnipeg, which employs them for transport and, while the Dash-8s are being brought into service over the next three years, for navigator training. All four aircraft would go into active service in crisis periods and wartime.

Administrative flight services are mainly provided by 412 Squadron, based in Ottawa, which currently operates two Challengers, one Dash-7 and seven Cosmopolitans. The Dash-7 is assigned to Europe where it operates out of Lahr. Five of the Cosmopolitans are stationed in Ottawa, one is in Winnipeg, and another is assigned to NORAD in Colorado Springs. The main function of this squadron is to help provide secure and reliable transport services to royalty, the Governor-General, senior government officials and senior military commanders in peace and war. Six additional Challengers for administrative flight services will be assigned to this squadron, together with two of the Dash-8s now on order. By the end of 1986, the squadron's remaining Dash-7 will have been retired.

There are four search and rescue squadrons with some transport duties and one rescue unit in ATG, including the following: 424 Squadron in Trenton with three Twin Huey helicopters and five Buffalo aircraft; 440 Squadron operating six Twin Otter aircraft in Edmonton and two Twin Otters in Yellowknife; 413 Squadron in Summerside with three Buffalos and three Labrador helicopters; 442 Squadron in Comox operating three Buffalos and five Labrador helicopters; and the separate rescue unit in Gander with three Labrador helicopters. There are also three Labrador helicopters in reserve or under maintenance, which are now being activated. They will fill the gap which will be left by the reassignment of 424 Squadron's three Twin Hueys.

The transport squadrons of the Air Reserve are 402 and 418 Squadrons. The former operates out of Winnipeg, with Dakota aircraft. The latter is based in Edmonton and operates with the Twin Otter aircraft also assigned to 440 Squadron of the Regular Force.

426 Transport Training Squadron is located in Trenton, where it conducts almost all the operational training for aircrew and technical classifications. As *Defence 84*⁷ noted, there are 87 different courses on ATG aircraft including the

⁶ *Ibid.*, p. 2:12.

⁷ The fourteenth in a series of annual reviews published by the Department of National Defence, describing its programmes and activities.