

vestment a prospective Ultralight purchaser can make.

Thor 1

The *Thor 1*, in both single and two-seat versions and with optional floats, was introduced to the market early this year by Thor Air, a Weston, Ontario, company. General manager Mark Vannan emphasizes the aircraft's strength, durability and safety as well as its "tail dragger" configuration which allows operation in rough ground.

The *Thor 1* uses struts instead of bracing wires and the wings can be folded back easily for storage or transportation.

Le Pélican

Ultravia, located in Repentigny, Quebec, offers three versions of *Le Pélican* in kit form, all equipped with four-stroke engines. The 18-horsepower version is for the motor glider enthusiast to climb to altitude and then enjoy silent flight; the standard model has 22 horsepower; and the *Super Pélican's* 35 horsepower turns it into a formidable 'bush' aircraft able to operate on floats. A two-seater version should be available this year. In common with other enclosed cockpit Ultralights, *Le Pélican* achieves air conditioning by the simple expedient of removing the doors.

CGS Hawk

Micronautics of Prescott, Ontario, also offers an enclosed cockpit Ultralight with optional floats. The *CGS Hawk* is a US design built under licence but it has a rapidly increasing Canadian content. Micronautics has achieved over 85 per cent Canadian content in its *Hawks* and has developed Canadian sources which are also supplying the US production line. In only a little over a year of operation, Micronautics has entered the Pacific Rim market with sales to Australia and New Zealand.

Beaver

Spectrum Aircraft Inc. of Surrey, British Columbia, was established in 1981 to produce the *Beaver* Ultralight. Company vice-president, Martin Dennis, quotes a production rate of 15 aircraft per month and notes the imminent availability of a two-seat version and amphibious floats. The *Beaver* has a standard Lexan windshield which can be supplemented by a complete cockpit enclosure. Dennis emphasizes the safety features of the rear-mounted engine and its pusher propeller.

Chinook

Terry Jones (known as "Birdman") manufactured hang gliders in Edmonton during the 1970s and graduated to the design and manufacture of Ultralights. His company is named, appropriately, Birdman Enterprises Ltd. and its latest product is the *Chinook*. The *Chinook* offers the comfort of an enclosed cockpit in addition to float and ski options. Careful attention to aerodynamics allows the *Chinook* to cruise on its 28 horsepower engine for an hour using less than 6.8 litres of gasoline.

The *Chinook* is the eleventh aircraft designed by Vladimir Talanczuk, and won the Reserve Grand Champion Award at Ultralight '83, the major annual show in the US. A two-place version of the *Chinook* was flight tested in 1983 and should be ready for production this year. Jones emphasizes the rugged qualities of the *Chinook* aircraft which are designed to facilitate operations from unimproved runways.

Skyseeker

The first single-seat *Skyseeker* Ultralight was flown by the Skyseeker Aircraft Corporation in Winnipeg, Manitoba, in 1979. The range of models now includes a two-seater and a crop-sprayer variant is under development. The *Skyseeker* folds for easy car-top transportation. It has a compact storage area of 0.6 metres by 4.0 metres and an assembly time of 15 minutes. The *Skyseeker* operates as a conventional aircraft (as do most other



The *Chinook* offers an enclosed cockpit with float and ski options.

Canadian Ultralights) with "true three-axis control" — the pedals operate a full rudder and the control column operates ailerons and full-span elevators, resulting in a very stable aircraft.

With a line of accessories including instruments, floats, skis and cockpit enclosure, the *Skyseekers* are offered as all-season aircraft.

"No-Name"

It is the nature of the Ultralight business that new models are continually being introduced. All the Canadian manufacturers have new designs under development and, aware of the growth opportunities, new



The *Hawk*, made by Micronautics, a firm with sales to Australia and New Zealand.