

### T.D. Communications Limited

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T.D. Whittle, President

#### Weather information system

■ The T.D. Communications Weatherwatch is a fully automatic, microprocessor-controlled, weather information collection, reporting and display system. Utilizing sensors located at the airport, this automatic weather observation system provides the airport operator, remote weather centre and pilot with accurate weather information. Weather data which can be obtained from the sensors includes current wind velocities, average and peak gusts, wind direction, temperature and dew point, precipitation and altimeter setting. Available as options are ceiling and visibility instrumentation that would enhance the total weather picture at airports. For airports not manned on a 24-hour basis, the Weatherwatch system can be equipped with a modem which will have both 'dial in' and 'dial out' capabilities. By the addition of a voice synthesizer and VHF radio to the Weatherwatch system, pilots of inbound aircraft will be able to automatically interrogate the system to obtain current weather conditions.

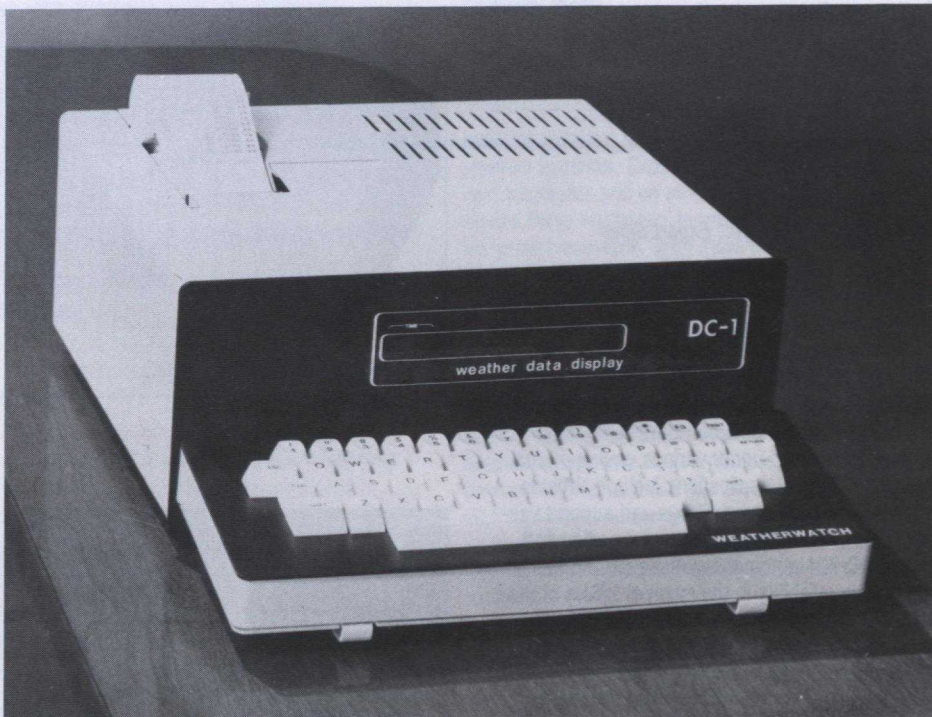
T.D. Communications also manufactures non-permanent, runway light sets for small remote airstrips between 760 m to 1 520 m (2 500 ft. to 5 000 ft.).

#### VHF radios

The firm is a supplier of non-directional beacons, with a range up to approximately 148 km (80 nautical miles), and VHF radios. Different types of VHF radios can be supplied including ICOM VHF multichannel, hand-held radios, ground-based VHF base stations for small airports, and hand-held VHF radios for remote airstrips, where conventional power is not available.

#### Company Profile

T.D. Communications, established in 1961, supplies, installs and maintains radio systems. Production, maintenance and research and development facilities are divided between two locations and employ engineers, technicians and support staff. T.D. Communications has supplied its products to a number of large Canadian companies, and is currently supplying radio systems to customers in Botswana, Nepal, Ghana, Greenland and the Canadian Arctic area. The company maintains a comprehensive spares inventory for product support.



Weatherwatch digital readout and processor unit



VHF radios