

# aviation intelligence

## Seaboard and Western's CL-44 Hopes

Latest Value Line investment survey issued by Arnold Bernhard and Co. in the U. S., reveals the shares of Seaboard and Western Airlines Inc. at their lowest value in ten years. The investment advisory company states there is no assurance that the fleet of Canadair CL-44 swing-tail transports, due to be delivered this year, will be able to pull the airline back to health, but that: "The very existence of the company hinges on these turbine-powered freight planes." On the assumption that the new fleet will be profitable, the survey projects a potential value of more than double the current share quotation in three to five years.

## Field Test Follow-on for Garrett

Following the award of a contract to Garrett Manufacturing Ltd., Rexdale, Ont., for the production of the central air data computing systems for the RCAF's CF-104's, the company has now been given a half-million dollar contract by the Canadian government for development and manufacture of field test equipment for the systems. The test units will be portable, for flight line use, and will have to combine laboratory accuracy with rugged all-weather capability.

## Building Bits for the Talon

Major structural forgings for the Northrop T-38 Talon are being manufactured by the Aluminum Company of Canada Ltd., Kingston, Ont. Ruggedness and light weight of these aluminum structures are important in the construction of this lightweight, economical aircraft, billed as the world's first supersonic trainer. The Talon entered service with USAF's Air Training Command last month. It is said to fly well beyond the speed of sound and to climb at better than six miles a minute. The two-seat (tandem) T-38 is replacing the T-33 in the USAF.

## Turbo-supercharged Copter

A turbo-supercharged, three-place utility helicopter is being marketed this month by the Bell Helicopter Co. Claims for the new machine include sea-level performance above 15,000 ft., at maximum gross weight of 2,850 lbs. Designated 47G-3B, the new model will have the highest performance of any in the 47 series. It is powered by a Lycoming TVO-435 engine, equipped with an AiResearch T-11 exhaust-driven supercharger, providing 260 hp for take-off, and 220 hp continuous.

## Avro Takes Over Boat Firm

Management control of the Richardson Boat Co., of North Tonawanda, N.Y., has been acquired by Avro Aircraft Ltd., Malton, Ont. Richardson is one of the biggest pleasure craft builders in the U. S., and last year the firm commissioned Avro to build aluminum planked hulls for its line of luxury cruisers. Directors and management of Richardson, formerly known as United Marine Inc., have resigned, and have been replaced by Avro appointees.

## Copter PT6 Turbine Gets Test

Successful completion of a 50-hour test on Canadian Pratt and Whitney Aircraft's helicopter version of the PT6 free turbine, was announced last month. The 500 hp turbine is Canada's first turboprop/turboshaft engine; it is designed for the light plane and helicopter market. The test contributed to more than 1,000 hours of running with the engine, and on completion, performance and condition of the engine were reported to be essentially unchanged. The T74, U. S. military designation for the PT6, has been chosen by several helicopter manufacturers in the U. S. army light observation helicopter competition. The turboprop version of the engine has been fitted into the nose of an RCAF Beech 18 for flight testing (see page 28).

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