

The situation information display of Litton's automatic data link plotting system that can be adapted for use on ships of various classes.

system. The inertial referenced flight inspection system (IRFIS) provides a total flight inspection capability suitable for the calibration of all existing navigational aids. These unique calibration systems are now being used in Canada, the Netherlands, Britain and China.

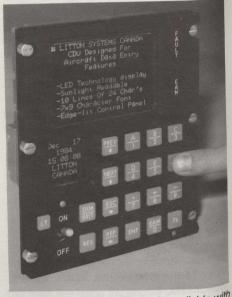
During the 1960s, Litton extended into the production of automated test equipment for the support of avionic systems. The equipment, which identifies problems in depot tests of airborne electronic equipment, has an automated test program generation facility that automatically produces test programs suited to individual customer needs.

After designing and developing an airborne search radar for Canadian military aircraft, Litton produced a commercial system as well. The commercial airborne search radar is currently employed aboard mediumrange aircraft flying coast guard patrols operated by 14 countries. Two large-scale system design and integration capabilities, the Data Interpretation and Analysis Centres, were produced by the company for the Canadian long-range patrol aircraft program. The two computerbased facilities maintain the tactical data necessary to support the patrol aircraft.

By the mid-1960s, Litton expanded to produce microelectronic naval command and control systems for the Canadian Tribal Class destroyers. The company's latest development, the automatic data link plotting system (ADLIPS), has been in operational use since 1982. ADLIPS is a computeraided command, control and communications system that can be adapted for use on many classes of ship. It is currently under installation aboard 13 Canadian destroyers as well as three shore stations.

The company has also designed and produced computer-based simulators for the training of air traffic controllers, ground controlled interception operators, air force navigators and naval radar operators. In addition, Litton had developed integrated security systems to help protect communications networks, electrical power networks, airports and other transportation centres from theft, sabotage and terrorist activity. The systems are also applied in security systems used in penal institutions.

One of the company's more recent developments is a flat panel, multi-function cockpit display. Using microminiature light emitting diodes (LED), this unique computer based instrument is designed to enhance data presentation to flight crews and simplify instrument panel layouts. One of the new multi-function displays can replace several, single-purpose instruments and with a mounting depth as shallow as 38 millimetres, it can be mounted where conventional displays are not able to fit.



The flat panel cockpit display is available with mounting depths as shallow as 38 millimetres.



High-speed, high-capacity automated equipment for testing analog and digital avionic systems.



Precision-instrument technicians assemble Litton's high-technology products at one of the company's facilities.

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