

Honeywell Limited, Sperry Aerospace Division

P.O. Box 1300
Rockland, Ontario
Canada K0A 3A0
Tel: (613) 446-6011
Fax: (613) 446-6011, ext. 301
Telex: 053-4806
R. Muir, General Manager
E. Price, Director of Marketing

Modular aeronautical communications switch (MACS)

■ MACS is a state-of-the-art signal and voice communications switching device, utilizing microprocessor control technology. The system interfaces with common carrier service and integrates telephone with radio and intercom communications. MACS satisfies the operational requirements of ATC towers, terminal radar centres, flight service stations, GCA facilities and airport advisory facilities.

MACS is a total communications system, using a distributed microprocessor architecture which communicates via a redundant network bus to a separate microprocessor at each communications console. In addition, separate identical microprocessors are provided for each radio and telephone channel. Radio, telephone and intercom voice switching is provided by a distributed audio bus structure that is accessed by the operator central processors and the radio telephone processors. Constant system self-checking is provided between major interfaces. The system also features unlimited intercom with optional override and monitoring.

Company Profile

Sperry Aerospace Division of Honeywell Limited provides full product support to its primary customer, Transport Canada. This includes spare parts, training, test equipment and logistic support from its facilities in Rockland, Ontario. Honeywell International's worldwide network is available to provide full support in offshore sales.

The company has complete design, development and production facilities in Rockland, Ontario, with a staff of 220. The production facility was constructed in 1981 and has recently been fully re-designed to meet the high-production levels required by current contracts. In addition to ATC communications equipment, the division manufactures electronic equipment for military applications, propulsion simulators for marine applications and multiplexing equipment for the telecommunications market.

Hovey Industries Ltd.

2378 Holly Lane
Ottawa, Ontario
Canada K1V 7P1
Tel: (613) 731-1200
Fax: (613) 731-0851
Telex: 053-4740
H. Goldfarb, Director of Marketing

Model ABS 150 aircraft boarding stair unit

■ The Hovey Industries Model ABS 150 is a truck-mounted, hydraulically operated aircraft boarding stair unit, with a platform that can be elevated to heights ranging from 2.32 m (7.7 ft.) to 3.96 m (13 ft.). It is mounted on a GMC 2500 series pickup truck, or a choice of chassis, powered by a 5.7-L V8 engine and automatic transmission. Hydraulically operated stabilizers are fitted at each corner with a transmission interlock safety feature. Sliding modesty panels are provided on the upper platform, and a pitch adjustment on the stair frame provides level access to the aircraft. All controls are console-mounted and readily accessible to the driver, and all materials used in the construction are selected to ensure a long service and corrosion-free life cycle. The stairs are in service at the Department of National Defence, Canada.

Company Profile

Hovey Industries Ltd. is an engineering and manufacturing company that designs and develops a range of electromechanical and micro-electronic systems, vehicle systems and other products such as aircraft ground support equipment. Hovey Industries occupies a modern facility totalling 3 720 m² (40 000 sq. ft.) which is used for offices, drafting, design, instrumentation and testing, manufacturing and assembling. The firm provides product support expertise for vehicle maintenance, as well as training and fleet management.



Aircraft boarding stairs