



ARROW AIRBORNE. Piloted by Avro Aircraft's Chief Experimental Test Pilot, Jan Zurakowski, the fully supersonic CF-105 lifts off the runway at Malton Airport on the morning of March 25. First flight lasted approximately 35 minutes, was described as entirely successful. The test program is continuing with this initial production prototype, powered by J-75s.

New Defense Contracts

Department of Defense Production announced letting of unclassified contracts totaling \$11,246,117 during the first half of February. The largest aviation contracts covered fuel and petroleum products with Imperial Oil Ltd. receiving five for a total of \$3,423,475, British American Oil Ltd. receiving two to a total of \$1,804,276 and Shell Oil Co. Ltd. filling three to a total of \$923,553. Others of the larger aviation contracts were to Canadian Westinghouse Co. Ltd. for \$830,007 on installation of an instrumentation system; Lucas-Rotax Ltd. \$119,861 for aero engine spares; and Canadian General Electric Co. Ltd. \$114,295 for spares for radar fire control system. Other aviation contracts let during the period included Abercorn Aero Ltd. \$26,488 for aircraft spares; Austin Airways Ltd. \$45,540 for charter of aircraft; Bancroft Industries Ltd. \$40,872 for aircraft instruments; Canadair Ltd. \$10,560 for aircraft spares; Canadian Westinghouse Co. Ltd. \$50,000 for aero engine spares and tools during the two years ending March 31, 1959; Collins Radio Co. of Canada Ltd. \$16,413 for technical publications; Genaire Ltd. \$40,000 for preparation and production of technical publications during the year ending March 31, 1959; Linde Air Products Co. two contracts totaling \$56,100 for aircraft oxygen equipment; McMurray Air Service Ltd. \$26,000 for charter of aircraft; Okanagan Helicopters Ltd. \$67,337 for charter of helicopters; Patlon Aircraft of Canada Ltd. \$10,327 for air-

craft spares; RNG Oil Equipment Co., Ltd. \$26,800 for aircraft servicing equipment.

Unclassified defense contracts in excess of \$10,000 let during the latter part of February totaled \$4,983,848. Largest of the aviation contracts were the Imperial Oil Ltd., \$1,048,605 for aviation gasoline, and Electronic Materials International Ltd. of Ottawa, \$201,714 for modification of air-borne communications equipment. Other aviation contracts during the period included: Babb Co. (Canada) Ltd., \$15,212 for airframe spares; Bancroft Industries Ltd., \$52,404 for aircraft instruments; Bristol Aircraft (Western) Ltd., \$24,193 for aircraft modification kits; Canadian Car Co. Ltd., \$75,320 for airframe spares; Cossor (Canada) Ltd., \$15,290 for electronic components; Dowty Equipment of Canada Ltd., \$27,253 for aircraft spares; Irvin Air Chute Ltd., \$32,816 for parachute assemblies; Transair Ltd., \$94,144 for aircraft charter.

In addition, Amalgamated Electric Corp., Ltd., was awarded a \$382,900 contract for installation of an air-compressor plant at Ottawa's Uplands RCAF Station.

TV Scramble

CF-100 squadrons 416 and 425 scrambled from St. Hubert RCAF Station last month in a "live" contribution to the NBC-CBC television show Wide Wide World. Programme was televised on March 2.

CALPA Delegates

Canadian Air Line Pilots Association representatives attended two important meetings during March. Delegates to a conference of the International Federation of Air Line Pilots' Associations were Captains J. H. Foy, CALPA president, W. Rodgers and A. Freeman. The meeting, held in Bogota, Colombia, was attended by representatives from most of the United Nations member nations. Topics included jet operational requirements, crew complements, medical standards, accident investigation and air traffic control. Captains M. G. Church and A. W. Pavay represented CALPA at the sixth annual Air Line Pilots' Association held in Chicago early in March. The session is attended by experts from various branches of the aviation industry — experimental, engineering, test and development, medical and training—with flight safety the prime subject of discussions.

Cosmopolitan Engine

The Napier Eland turboprop, which will power the new Canadair Cosmopolitan 540, recently passed civil and military tests with a higher rating approval. The Eland passed a 150 hour type test for civil use under conditions laid down pointily by the U. K. Air Registration Board and the CAA of the U. S., at a sea-level take-off rating of 3,500 ehp. Engine has also passed, at the same rating, a 150 hour military test of the British Ministry of Supply. The 3,500 ehp rating is that of the Eland EL6. The Eland has also been chosen for the Fairey Rotodyne, 40 seat vertical take-off airliner for BEA.