



SEATTLE MEETING. Veteran American Pilgrim transport meets the prototype Boeing 707 at Boeing Field, Seattle, bridging 26 years of air transportation. Pilgrim was operated by American Airways in early thirties. The 707 is scheduled to go into service with American Airlines in 1959. Pilgrim was recently purchased by the Salmon River Flying Service in Idaho.

Eland Convair in Canada

The Napier Eland turboprop-engined Convair 340 visited Canada last month. It was on its way to the U. S. for airworthiness tests by the CAA, and was demonstrated to the RCAF at Uplands Airport, Ottawa. Officers of 412 Squadron inspected the aircraft, along with representatives of the DOT. Some quite substantial performance improvements have resulted from the replacement of the 340's normal piston engines by the Elands. Napier claims that with the turboprops the Convair can carry its maximum payload of 12,900 lb. a distance of 750 miles, against the piston-engined version's 250 miles. At the same time they say the maximum cruising speed is increased by 50 mph. and it requires only one third of the time taken by the piston-engined version to reach its operating height. With a reduced load, but still carrying the full number of 44 passengers, the range of the Eland-Convair can be increased to 1,300 miles. Range can be further increased to 1,700 miles by the incorporation of a kit marketed by a U. S. firm to provide extra tanks in the wings, outboard of the existing tanks.

Gift License Folders

Aviation department of Shell Oil Co. of Canada Ltd., is offering plastic license holders to private and commercial pilots. Shell is making the holders available because the Department of Transport no longer supply these when licenses are issued. The holders are inscribed in the same way as before, so that pilots requiring them should state whether they are private or commercial. They can be obtained, free of charge, from the Shell company at the following addresses: P.O. Box 220, Adelaide St. P.O., Toronto; P.O. Box 430, Station B, Montreal, Que.; or P.O. Box 2211, Vancouver 3, B.C.

Canadian Winner

A. M. Cameron, superintendent of the blooming and bar mills at Atlas Steels Ltd., Welland, Ont., was named winner of the Kelly Award for 1956 at the 50th annual banquet of the Association of American Iron and Steel Engineers held in Pittsburgh, Pa. Award is presented annually to the author of the paper judged to be of greatest value in the advancement of engineering and operating practice in the Iron and Steel Industry. Mr. Cameron is the first Canadian to receive the award. His paper was entitled "Basic formulas for roll design and rolling of alloy steels."

NORAD Cutback

Four U. S. Air Defense Command installations in the North American Air Defense system are earmarked for deactivation in early 1958 and 1959, according to an announcement from the USAF headquarters at Colorado Springs, Colo.

The facilities "have been determined in excess of future needs and USAF has programmed to close them," the announcement said. It further indicated that wherever military and/or civilian personnel cannot be reassigned the financial savings will be in line with the recently instituted economy program. Installations which will be closed down in early 1958 are at McGhee-Tyson Airport, Tenn., Minneapolis-St. Paul International Airport, Minn., and New Castle County Airport, Del.

J-75 Testing

U. S. Navy's Bureau of Aeronautics has reported that the Pratt and Whitney J-75, which will power the prototype Avro Arrow, has met or exceeded all of the company's performance estimates. Engine has been under test at the Naval air turbine test station, Trenton, N.J. Basic thrust rating is 15,000 lb.

Canada's Loss

More than 3,000 engineers and 800 other scientists have emigrated to the U. S. between 1951 and 1956. They represent almost one third of the graduating classes of that period, and 10% of all the professional engineers in Canada. Departure has become greatly accelerated in recent years. In 1956, more chemists emigrated than were graduated.

Engine Control Testing

New jet engine control laboratory has been opened on Long Island, New York, by the Sperry Gyroscope Co., Division of Sperry Rand Corp. This is capable of testing automatic control systems of turbojet and ramjet engines for guided missiles and high performance aircraft at simulated speeds of up to 4,000 mph.

Lakehead Fire

Superior Airways Ltd. and the Thunder Bay Flying Club have refused to let a disastrous fire at the Lakehead Airport, Fort William, break their operational stride. Superior's President O. J. Wieben announced immediate arrangements for lease of an adjacent Department of Transport hangar after a \$350,000 blaze destroyed a hangar housing offices and 10 aircraft belonging to the company as well as the offices and five aircraft fleet of the Thunder Bay Flying Club. Under terms of the lease space will be made available for two flying club aircraft. Mr. Wieben said Superior has arranged to take delivery of a new Cessna 180 in January and was completing negotiations for purchase of a de Havilland of Canada Otter. Flying operations would not be curtailed as a result of the fire, he said, since the company had recently wrapped up immediate commitments on Mid-Canada Line contracts and mining company transport programs.