THE INDUSTRY

RCAF Orders T-34's

An order for Beech T-34 trainers has been placed for the RCAF with Canadian Car & Foundry Co. Limited. The order, placed by the Department of Defence Production, is valued at \$1,441,176, and is believed to involve about 30 airplanes plus associated spare parts.

The RCAF evidently intends to use this token number of T-34's on a trial basis and if they prove satisfactory, it will undoubtedly proceed to replace its vast numbers of Harvards. The USAF, of course, has already decided to adopt the T-34 as a Harvard replacement and it has been in production for the American service at CanCar's Fort William plant and Beech's Wichita facility for more than a year. The first production aircraft to be built by CanCar has now been completed and accepted by the USAF.

Beech has also sold small numbers of the little trainer to Chile and to Colombia.

Forging Firm Sold

The Hawker Siddeley Group has purchased Canadian Steel Improvement Limited of Etobicoke, near Toronto, it was announced in England recently by Sir Roy Dobson, Group director and chairman of the board of Avro Canada.

In joining the Hawker Siddeley Group, Canadian Steel Improvement becomes a direct subsidiary of High Duty Alloys (Canada) Limited, which in turn is a subsidiary of High Duty Alloys Limited of Slough, England. Canadian Steel Improvement has been since its formation a subsidiary of The Steel Improvement & Forge Company of Cleveland, Ohio.

Since the opening of Canadian Steel Improvement's Etobicoke plant in February of 1952, the company has turned out nearly two million forgings of some 25 different designs for Canada's Aircraft Industry. These forgings include Orenda turbine blades, as well as items for Lucas-Rotax, Rolls-Royce, Canadian Flight Equipment, and others.

Cyril Luby, who was executive vice president & general manager under the previous administration, now becomes president. Other members of the new

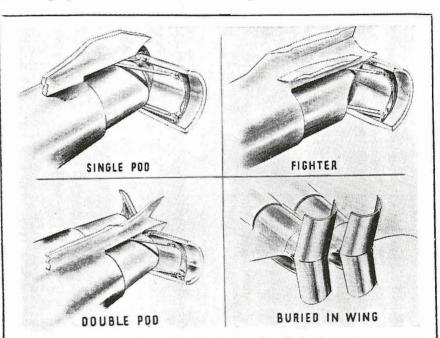
board of directors are: Sir Roy Dobson; Sir Frank Spriggs, managing director of the Hawker Siddeley Group; Crawford Gordon, Jr., president & general manager of Avro Canada; H. G. Herrington, managing director of High Duty Alloys Ltd.; J. S. D. Tory, a director of Avro Canada; J. A. Wellings, at present manager of the Castings Division of High Duty Alloys, and Fred McAlpine, secretary-treasurer.

Commenting on the purchase, Sir Roy said: "Canadian Steel Improvement specialize in high quality precision forgings of aluminum, steel, and titanium. We will be expanding the plant and specializing still further, and we will be servicing not only Avro Canada . . . but also the rest of Canadian industry . . . There will be a very close technical link-up between . . . High Duty Alloys in Slough, and Canadian Steel Improvement.

AAPMA Meeting

At the recent annual meeting of the Automotive & Aircraft Parts Manufacturers' Association (Canada), held in Toronto, March 30, J. C. Armer was re-elected president. Mr. Armer is vice-president of Dominion Forge & Stamping Co. Limited.

Other officers re-elected include: vice-president—N. P. Petersen, presi-



REVERSE THRUST: As the result of its studies of methods of reversing jet thrust, Boeing Airplane Company has decided that the use of what it describes as a "clamshell W" is the most effective. The pattern of flow at a jet tailpipe equipped with the "clamshell W" is shown in the bottom photo. At top are a number of possible installations of jet reversers. Boeing say the "clamshell W" effects about a 45 per cent reversal of thrust.

