

(vi) Publication of Flight Inquiry Reports entitled :—

“ A Photographic Method for Determining Aircraft Take-off Performance.”

“ Determination of Accelerate/Stop Distance, and Landing Distance Over 50 ft. Screen (D.H. 89 and Lockheed 10A).”

“ Report on Cylinder Head Cooling Modifications—Sandringham S. 25, Series IV, Aircraft.”

“ Determination of Airfield Length—Lockheed 10A.”

(vii) Preparation of New Zealand standards to cover aircraft drafting procedure.

(viii) Design for installation of V.G. recorders in Short S. 25, Lockheed Lodestar 18-50, and Douglas Dakota D.C. 3-(C) aircraft, including preparation of *pro forma* and instructions for use by air transport operators.

(ix) Standardization of procedure covering weight and balance control in transport aircraft.

(b) Field Surveys Section

(i) Aircraft reconditioned, or converted, to Certificate of Airworthiness standards	25
(ii) Aircraft surveyed for renewal of Certificate of Airworthiness	211
(iii) Foreign Certificates of Airworthiness validated	1
(iv) Notices to Aircraft owners and Ground Engineers prepared	44
(v) Oral examination of applicants for Aircraft Maintenance Engineers' Licences	68
(vi) Supervisory visits made to approved aircraft firms	298
(vii) Accidents to aircraft investigated and reported upon	9

(c) Examination and Approvals Section

(i) Aircraft Maintenance Engineers examined for issue or extension of licences—	
Oral	68
Written	194
(ii) Aircraft Maintenance Engineers' Licences recommended for issue	51
(iii) Number of firms approved	16
(iv) Extensions to existing ratings issued	19
(v) Approved firm ratings cancelled	1
(vi) Total number of firms approved as at the date of this report	78
(vii) A register of approved New Zealand firms (provisional) issue has also been published.	

(d) Technical Administration Section

(i) Notices to Aircraft Owners and Engineers published	44
(ii) Revision and reissue of schedules of modifications and special qualifications for all New Zealand civil aircraft has been completed.	

5. RESEARCH AND DEVELOPMENT

The branch has been represented by a senior technical officer of the Division at each meeting of the New Zealand Advisory Aeronautical Research Council. Such research as has been undertaken to date relates mainly to statistical and operational research, and in particular has reference to a programme of VG recording which it is planned to continue for a further extended period.

As the result of recommendations contained in the final reports of the “ Air ” and “ Ops ” Divisions of ICAO (third session) it is also planned to initiate further statistical research in the near future.