

BEVERLEY OUTLOOK

These crew's-eye views were taken during the journey of Blackburn Beverley XB 262—seen above during a refuelling stop at Marignane, in Southern France—from Boscombe Down to Idris, North Africa, for M.o.S. tropical trials. In the view immediately above are the two starboard Centaurus 173s as seen by the 2nd pilot; in the next photograph is the tail unit as seen through the astrodome. The two pictures on the right show (left) a main leg as it looks when not under load, with the fairing (which opens forward under compression) neatly closed up against the leg; and (right) a glimpse of desert, during a steepish turn, through the rear of the hold (the Beverley is flying with doors removed).

Weapons Production. Thirdly, Mr. R. J. Lees (37), Superintendent of Experimental Physics at the Radar Research Establishment since 1953, is promoted to deputy chief scientific officer and becomes Director of Scientific Research, Guided Weapons.

"Gas Turbines"—A New Edition

SO steadily does the gas turbine continue to advance in design, materials, performance and application that any book purporting to deal with the subject of jet propulsion as a whole must be constantly revised if it is to continue to present a true picture. That is the case with *Gas Turbines and Jet Propulsion*, a new edition* of which is announced today.

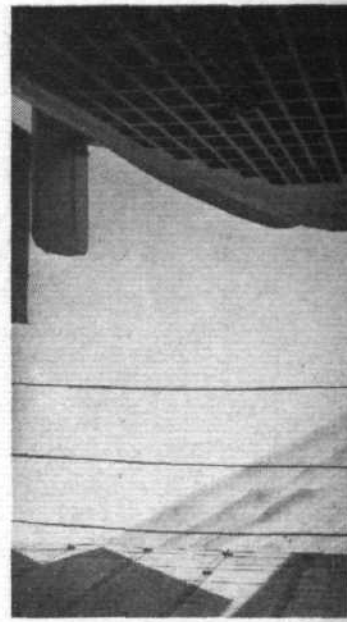
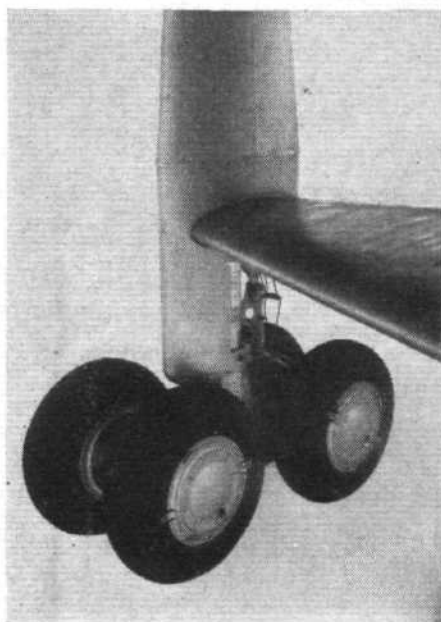
Since the death of the original author, G. Geoffrey Smith, in 1951, the work of revision has been assumed by his associate F. C. Sheffield, with assistance from W. T. Gunston, Technical Editor of *Flight*. They have brought the text and illustrations of this standard work up to date and have again enlarged it. A foreword has been contributed by Sir Harold Roxbee Cox, a former director of the National Gas Turbine Establishment.

Among the sections which have been very considerably enlarged is that dealing with combustion equipment, while the steadily increasing application of gas turbines in industry, and for transport applications is reviewed in detail.

Those who are not familiar with the previous edition can obtain some idea of the wide scope of the work from the following list of section headings:—

Abbreviations; Equivalents; Propulsion by Jet Reaction; Early Projects; Thrust and Performance; Jets or Airscrews; Gas Turbine Components; Combustion and Fuels; Fuel Systems; Metallurgical Problems; Research, Testing and Maintenance; British and Canadian Gas Turbines; American Gas Turbines; European Gas Turbines; Compounded Units; Ramjets, Pulsejets and Rockets; Rotating-wing Propulsion; Turbines for Road Vehicles; Other Turbine Applications; Appendix; Early British Developments. Index.

*"Gas Turbines and Jet Propulsion," sixth edition. Size 8½in × 5½in, 412 pages. Price 35s (by post, 35s 8d). Published for "Flight" by Iliffe and Sons, Ltd., Dorset House, Stamford Street, London, S.E.1.



Napier Appointment

THE appointment of G/C. B. H. Becker, A.F.R.Ae.S., R.A.F. (ret.), as technical manager, turbo-propellers, is announced by D. Napier and Son, Ltd. He will be responsible to Mr. A. J. Penn, chief engineer of the company's gas turbine division.

G/C. Becker, who is 43 years of age, joined the Royal Air Force in 1928 and retired this year after 27 years' service. During four of his early years in the Service he served as a pilot in army co-operation squadrons at home and in India. In 1937 he studied engineering at the R.A.F. School of Engineering, Henlow, and has been employed on engineering duties in the R.A.F. ever since. These duties included five years' secondment to the Ministry of Aircraft Production during the war.

In 1946, on the re-opening of the Royal Air Force College, Cranwell, G/C. Becker was appointed chief engineering instructor. From 1949 to 1951 he was employed on technical staff duties in the Far East, and after 18 months in the Air Ministry he was appointed to be S.A.S.O. at H.Q. 43 Group. In 1954, and until the time of his retirement, he was serving in the department of the Air Member for Personnel at the Air Ministry.

G/C. Becker will meet a number of old friends at Napiers, for he was stationed at their works when he was with M.A.P. during the war.