

#### The

Westland Sikorsky "55"



#### is fitted with

### TYRES, WHEELS, BRAKES and BRAKE OPERATING EQUIPMENT

# by DUNLOP

DUNLOP RUBBER CO LTD (AVIATION DIVISION) FOLESHILL COVENTRY

## WHEN AIRBORNE

The Bristol Type 173 Twin Rotor Helicopter relies on Layrub as the main driving elements between engines and rotors

Rubber trunnion blocks are used giving a cushioned drive there are no metal-to-metal contacts no lubrication, therefore little maintenance.

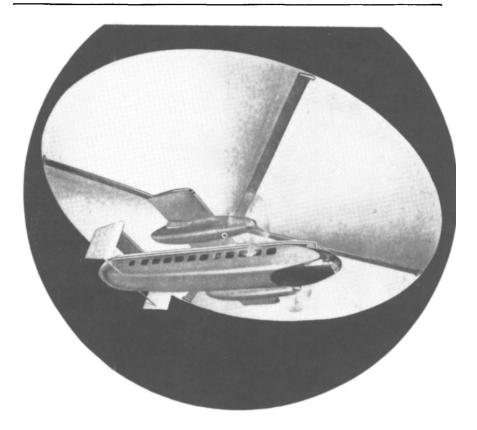
A Post card will see full technical data on its way to you



Laycock



LAYCOCK ENGINEERING LTD., VICTORIA WORKS, MILLHOUSES, SHEFFIELD, 8



Lord Mancroft " The Ministry of Supply have recently ordered a second Rotodyne prototype in order to accelerate this development, and we have high hopes that it will be able to compete successfully with any other helicopter in the world "

Hansard 20 Oct 1954



THE FAIREY AVIATION CO LTD HAYES MIDDLESEX

#### EQUIPMENT FOR ROTARY WING AIRCRAFT .

# Starters

This unit is one of the wide range of equipment, such as starters, generators. actuators, switchgear and booster coils and magnetos designed and manufactured by ROTAX for use in helicopters Rotax service also includes full advisory facilities and a team of experienced engineers ready to go anywhere—at any time



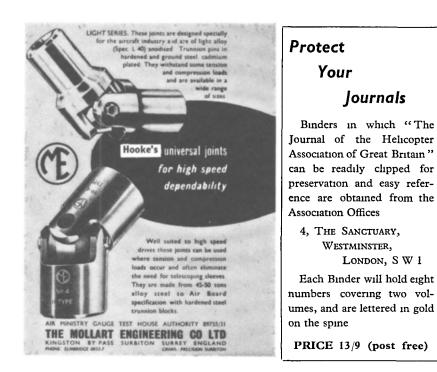
ROTAX LIMITED WILLESDEN JUNCTION LONDON NW IO. LUCAS-ROTAX (AUSTRALIA) PTV LTD NEPEAN HIGHWAY CHELTENHAM S.22. VIOTORIA AUSTRALIA LUCAS-ROTAX LTD SCARBOROUGH ONTARIO CANADA

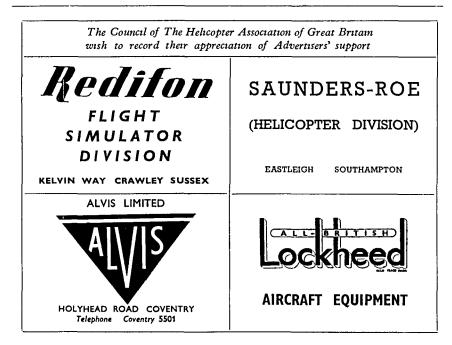


#### The heart of a good helicopter

A helicopter engine that works without driving shafts and driving gear—that s the Napier Oryx It s a 750 gas h p turbo gas generator designed for helicopters propelled by jet reaction at the rotor blade tips It weighs less, it s less complex and it s easier to maintain than conventional helicopter power systems The Oryx is a step forward—and upward—in helicopter propulsion and an engine of great importance to helicopter operators











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ENV spiral bevel gears used in Westland S 55 main rotor drive



for Gears

Specialists in precision gears for piston-engines and gas turbines, helicopter drives, accessory drives and flying controls Spur and helical gears and spiral bevel, zerol and hypoid gears are supplied with profile ground teeth when required



HYTHE ROAD WILLESDEN NW 10

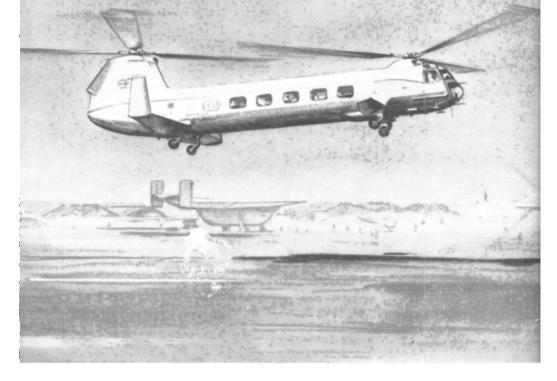
AP 265 24

# TAPERED-ROLLER BEARINGS

Illustration by courtesy of The Bristol Aeroplane Company Limited

#### BRITISH TIMKEN LTD. DUSTON, NORTHAMPTON, & BIRMINGHAM

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