

Introducing...

A GENERAL PURPOSE

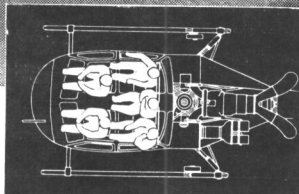
TURBINE-POWERED 5-SEAT HELICOPTER

the **SAUNDERS-ROE P 531**

THE P 531 fills the need for a versatile, all-purpose helicopter which has a high performance in all climatic conditions. The combination of a 4-bladed rotor and free turbine engine results in smoothness of flight and simplicity of operation. The Blackburn 'Turmo' 600 Series power unit, of simple design and robust construction, develops 425 SHP and eliminates the need for a clutch in the transmission. The P 531 is recommended as a liaison aircraft, light freighter, weapon carrier, or turbine trainer, and for casualty evacuation, air-sea rescue and reconnaissance. The obvious versatility of this aircraft makes it ideal for civil or commercial use.



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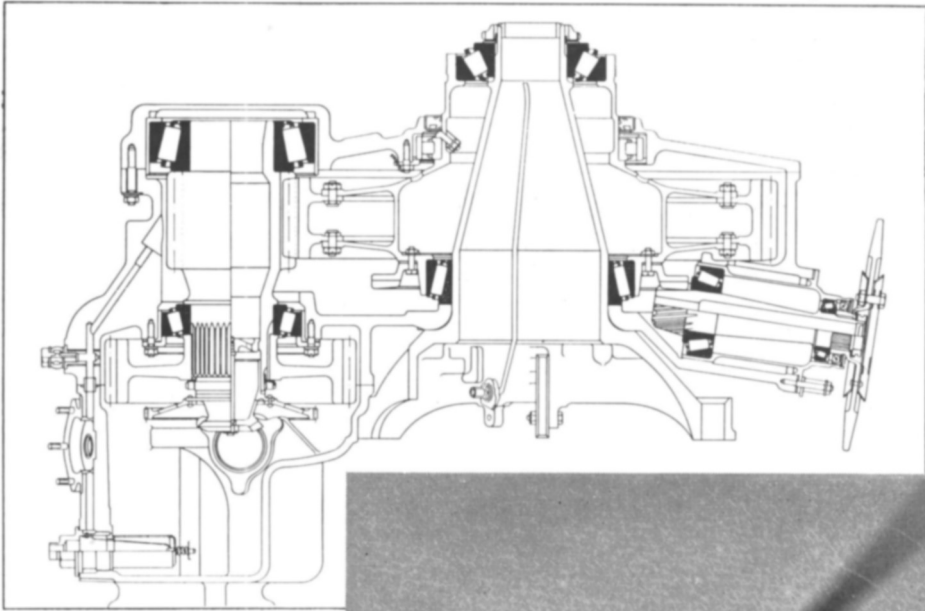
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On the BRISTOL 'SYCAMORE' helicopter



TIMKEN tapered-roller bearings with their nickel alloy case-hardening steel and toughened shock-resistant core, are the ideal bearings for carrying the heavy loads imposed by helicopter gearing and main rotors

They are extensively used on various makes and designs of helicopter

All Bristol Sycamores—and well over 100 have so far been built—have Timken bearings in their gear boxes



The sectional drawing shows the arrangement of the Timken bearings on the gearing to the main and tail rotors, and on the sleeve carrying the main rotor. The upper Timken bearing carries the entire weight of the helicopter in addition to journal loads.

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