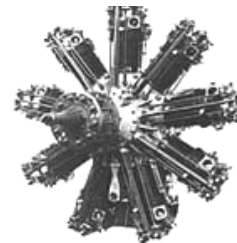




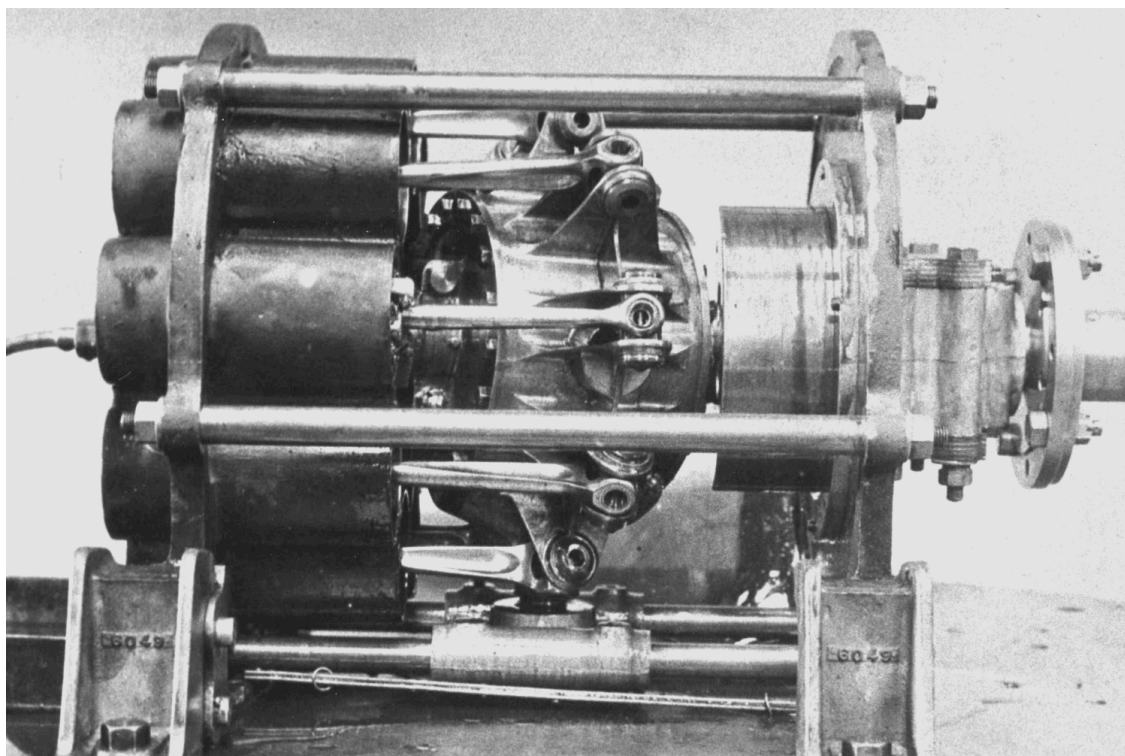
Rolls-Royce Heritage Trust

Bristol Branch Lecture



'The Knife and Fork Man'

**The Life and Works of Charles Benjamin Redrup
Innovative Engineer and Engine Designer**



Bristol 150 HP Axial Bus Engine

By Professor William Fairney, FREng FEng FIET

Monday 16th May 2022 17:15 for 17:30

'Horizon Hall' Rolls-Royce plc Bristol

Tea & Coffee will be available from 17:00. Non-members welcome

Pre registration is requested, please book:

Email: heritage.trust@rolls-royce.com

Telephone: +44 (0)1332 241290 or 241533 (messaging service)

Visit: <http://www.rolls-royce.com/about/heritage-trust.aspx>

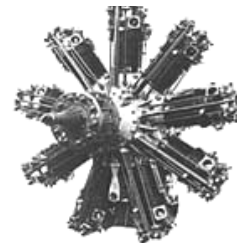
PTO for: Synopsis, Speaker Profile and Directions





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Monday 16th May 2022 17:15 for 17:30
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Synopsis

Charles Redrup was born in South Wales in 1878 and trained as a Premium Apprentice with the GWR in Swindon. His interest was drawn to internal combustion engines and he designed and built several models in the 1900s. He soon developed an interest in aircraft engines and Vickers manufactured his designs for First World War aircraft. He built several innovative axial engines during the 1920s and thirties, for motorcycles, cars, boats and aircraft, including seven-cylinder 'Wobble Plate' engines for the Bristol Tramways and Carriage Company. During the Second World War he worked for Avro on top secret armaments projects.

Speaker: Professor William Fairney, FREng FEng FIET

Professor William Fairney graduated in Bristol as an electrical engineer and joined the Electricity Supply Industry. He rose to become the Engineering Director for the Central Electricity Generating Board and after privatisation held posts as Engineering Director and Construction Projects Director for National Power plc (Now RWE).

He was a Visiting Professor at Durham University for over 20 years.

After retirement he established Covaxe Limited, designing an innovative axial compression-ignition engine.

William held until recently a PPL with 700 hours flight time on over 25 aircraft types, including Spitfire, Hurricane and Jet Provost. He is the author of several books, including 'The Knife and Fork Man', the biography of Charles Redrup, 'Richard Stephens and the Clevedon Motor Cars', and 'Uncle Walter's Secret', a fictional work about SAE agents in Europe during the Second World War.

Directions to Horizon Hall

Sat Nav co-ordinates of the Car Park are: **Latitude: 51.52362 / Longitude: -2.56867**

From the A38 through Patchway, from either direction, follow signs to RR Gate 7, this will take you into Gipsy Patch Lane at the Drive Vauxhall Garage on your left, just after the garage turn left into Rolls-Royce Gate 7.

From Gipsy Patch Lane going West, pass Rolls-Royce Whittle House on your right and as you approach the Village Hotel on your left, turn right into Rolls-Royce Gate 7.

From Gate 7, observe the 5 mph speed limit, look right and head towards the large, glass fronted building with the three flag poles outside and park where you can. Then walk down the steps to the Whittle House Horizon Hall entrance and check in.

Those with mobility issues – there are two disabled car parking spaces directly adjacent to Horizon Hall just behind the flagpoles. There is also a sloping driveway down to the Horizon Hall entrance, rather than using the steps.

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