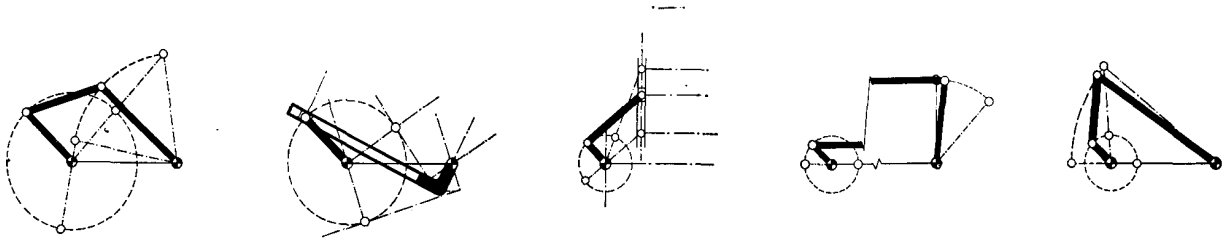
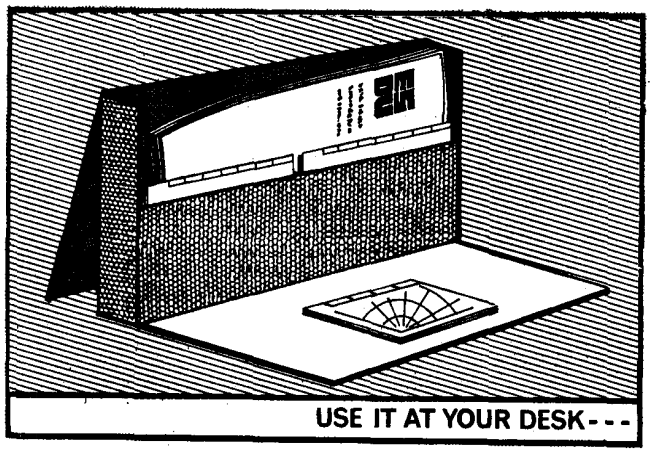
https://doi.org/10.1017/S0001924000033121 Published online by Cambridge University Press

four-bar linkages

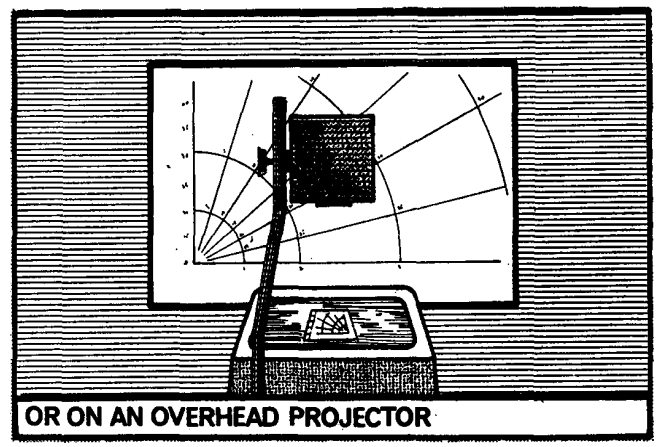
Item No. 76005 (ME1)



Kinematic and dynamic data for crank-rocker and slider-crank linkages



USE IT AT YOUR DESK---



OR ON AN OVERHEAD PROJECTOR

Between the sketch and the successful design– you need ESDU Data Items

Design engineers need accurate, reliable information on which to base their designs and specifications. But much of the information available in essential areas is conflicting. Values for vital parameters such as pressure drops or stress concentrations in one source often differ widely from those in another.

Unless you choose the *best* values, you risk over-specifying materials and dimensions, with consequent cost penalties. Or you may under-specify, which could lead to unscheduled stoppages and breakdowns.

Engineering Sciences Data Unit can help you get things right, first time.

ESDU produces thoroughly evaluated and authoritative engineering design data in aeronautical, chemical, mechanical and structural engineering. Committees of practising engineers and scientists monitor and guide qualified ESDU staff who sift and evaluate all the available data on each topic. Sometimes hundreds of separate references are involved.

ESDU issues the results of this work as Data Items in which information is presented in a way best suited to the engineer. Graphs, tables, flow charts, equations and presentation in both British and SI units are all combined to help you to get your design and specifications drawn up precisely and accurately.

ESDU's work is sponsored by the Institutions of Chemical, Mechanical and Structural Engineers and by the Royal Aeronautical Society.

Users of ESDU Data Items may become Associates of ESDU. As an Associate, you would be entitled to a range of valuable services.

If you want to know more about ESDU and the wide range of data always available, contact us for full details.

For all your sales enquiries, write or phone:

Engineering Data Sales Limited
34 Haymarket
London SW1Y 4HZ
United Kingdom
01-839 3002

Telex Endasa London 916168

https://doi.org/10.1017/S0001924000033121 Published online by Cambridge University Press

DECCA AVIONICS

The British Ministry of Defence has chosen the new Decca Doppler 80 system and Automatic Chart Display to be the navigation system for British Army Westland/Aerospatiale Gazelle helicopters.

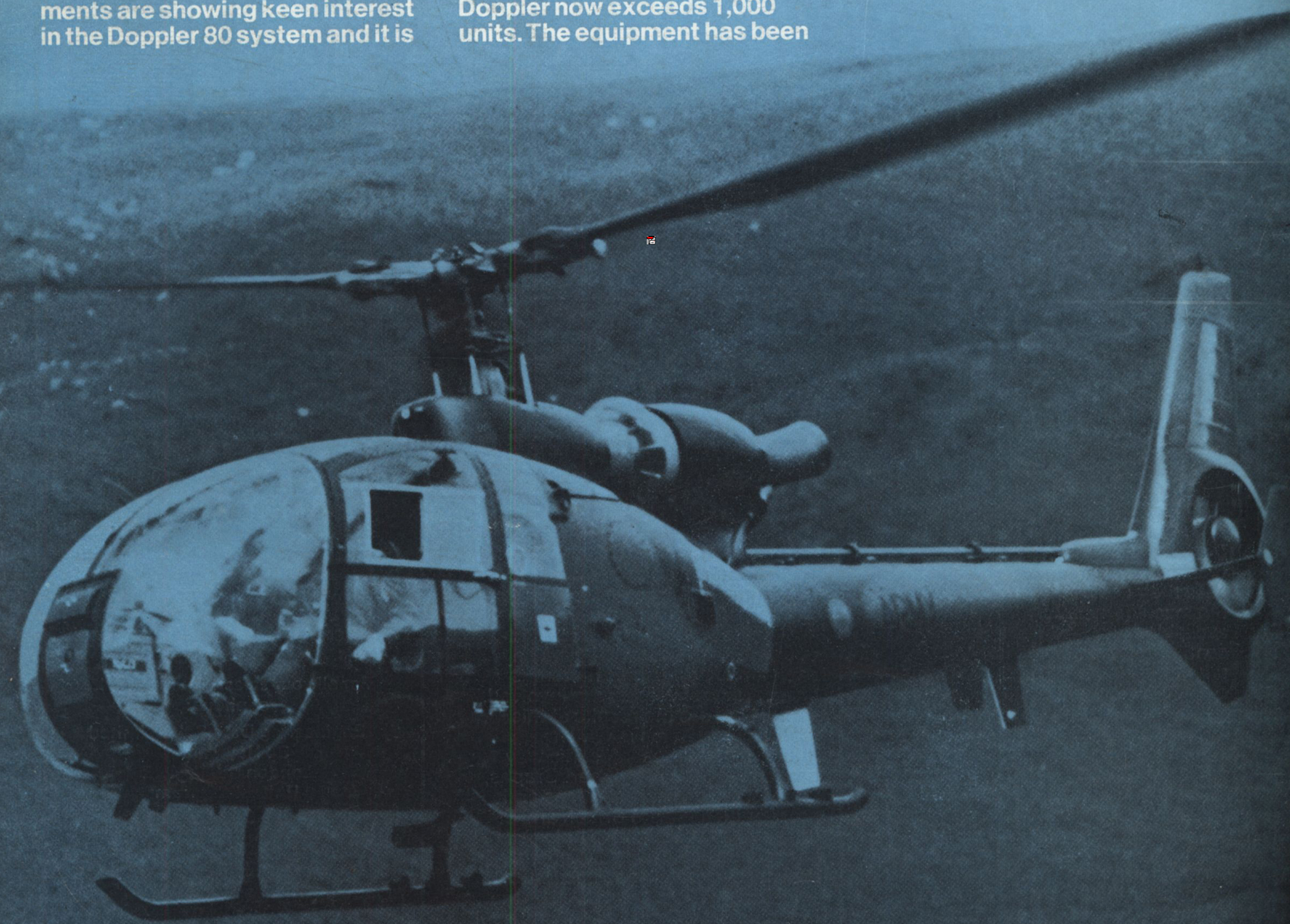
The contract, which has recently been signed, is worth over £2 million and provides for the equipping of more than 190 aircraft.

A number of overseas governments are showing keen interest in the Doppler 80 system and it is believed that there is considerable export potential for it.

The basic Decca Doppler 80 system comprises a lightweight Doppler Radar with Position Bearing and Distance Indicator (PBDI). The Automatic Chart Display chosen by MOD is an additional system option.

The choice of the new Doppler 80 system follows the success of the Decca Doppler 70 series. Production of the 70 series Doppler now exceeds 1,000 units. The equipment has been fitted to some 86 different types of fixed and rotary winged aircraft and is used by 45 different nations.

The Doppler 80 system has been designed specifically as a complementary system to the 70 series and will meet the operational requirements of small helicopters where cost, size, ease of installation and light weight are of paramount importance.



A Decca Doppler 80 equipped Westland/Aerospatiale Gazelle helicopter.

dn The Decca Navigator Company Limited
9 Albert Embankment London SE1 7SW

https://doi.org/10.1017/S0001924000033121 Published online by Cambridge University Press