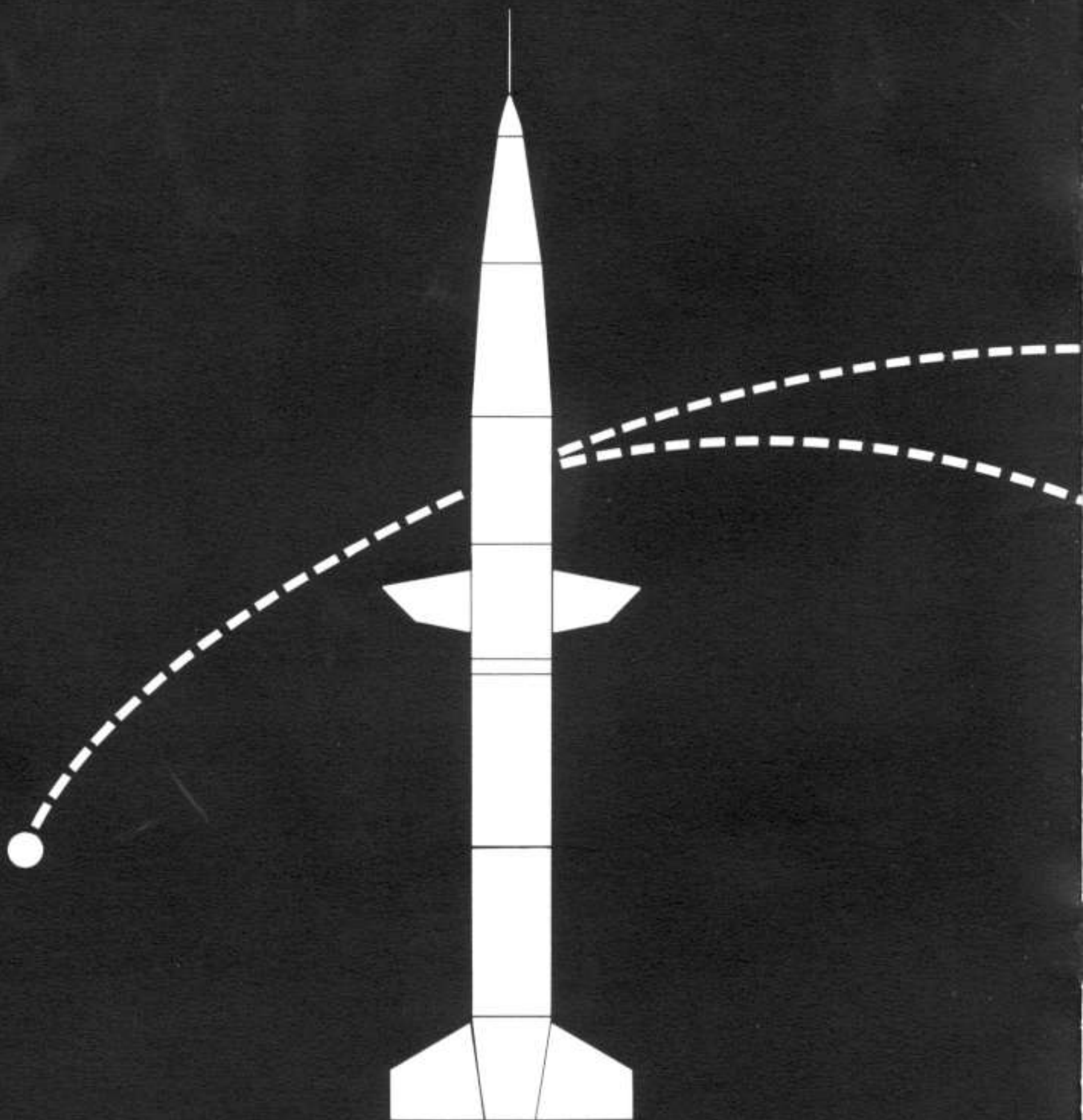




Blue Water

ENGLISH ELECTRIC AVIATION LIMITED GUIDED WEAPONS DIVISION

A COMPANY OF BRITISH AIRCRAFT CORPORATION



ENGLISH ELECTRIC AVIATION LIMITED

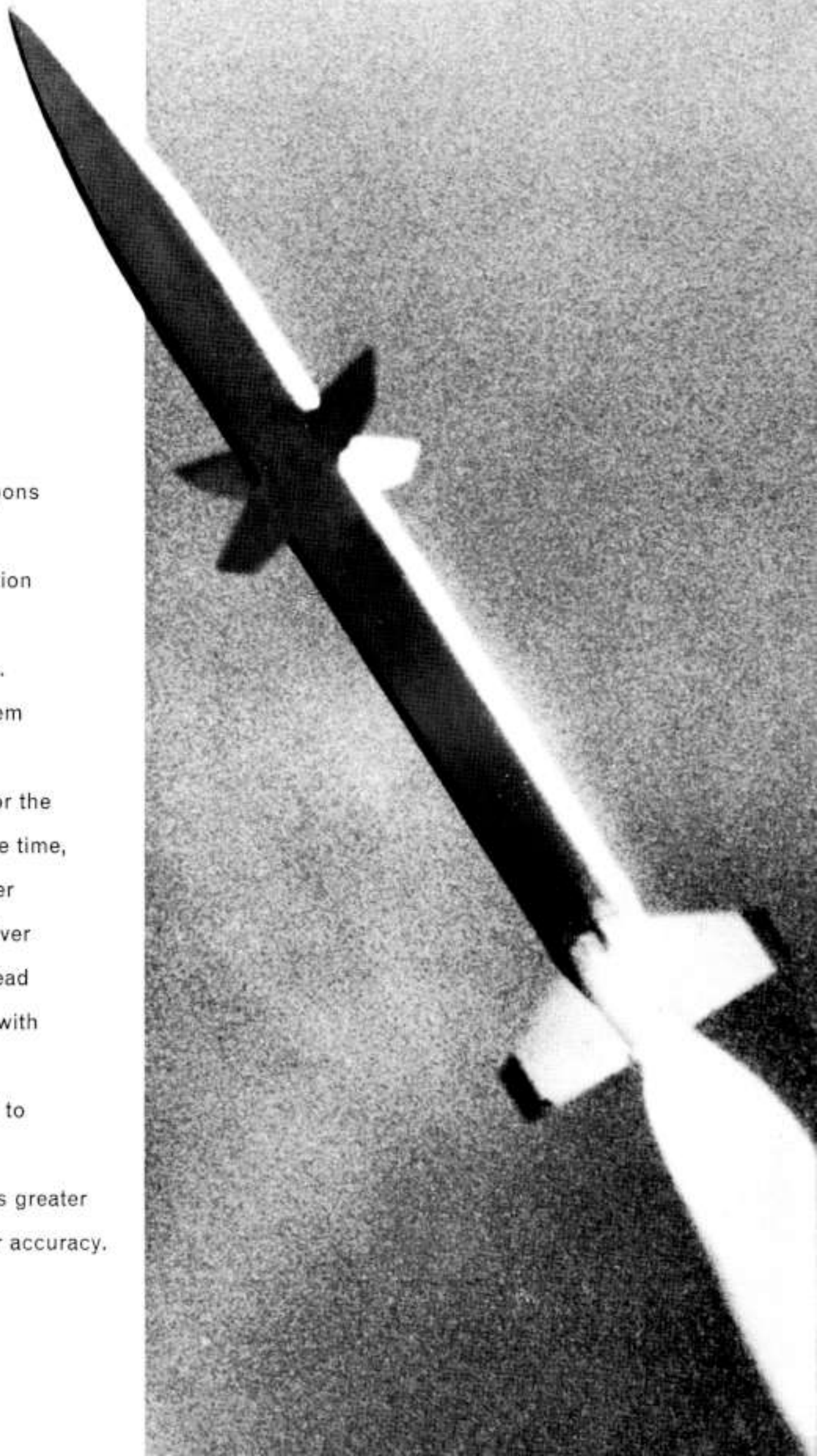
GUIDED WEAPONS DIVISION

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Blue Water

GROUND TO GROUND WEAPON SYSTEM

The primary task of modern artillery weapons will be the immediate neutralisation of targets both in attack and defence. The Blue Water system which has been under development for the British Army for some time, provides a commander with the ability to deliver the appropriate warhead against such targets with a response time and a reliability equal to that of a gun, but to a range many times greater and with much higher accuracy.



Blue Water

Ground to ground weapon system is . . .

1 FLEXIBLE

2 VERY MOBILE & AIR TRANSPORTABLE

3 HIGHLY ACCURATE

4 SIMPLE IN CONCEPT

5 SIMPLE IN OPERATION

6 RELIABLE

7 DESIGNED FOR SURVIVAL
... on the battlefield of tomorrow

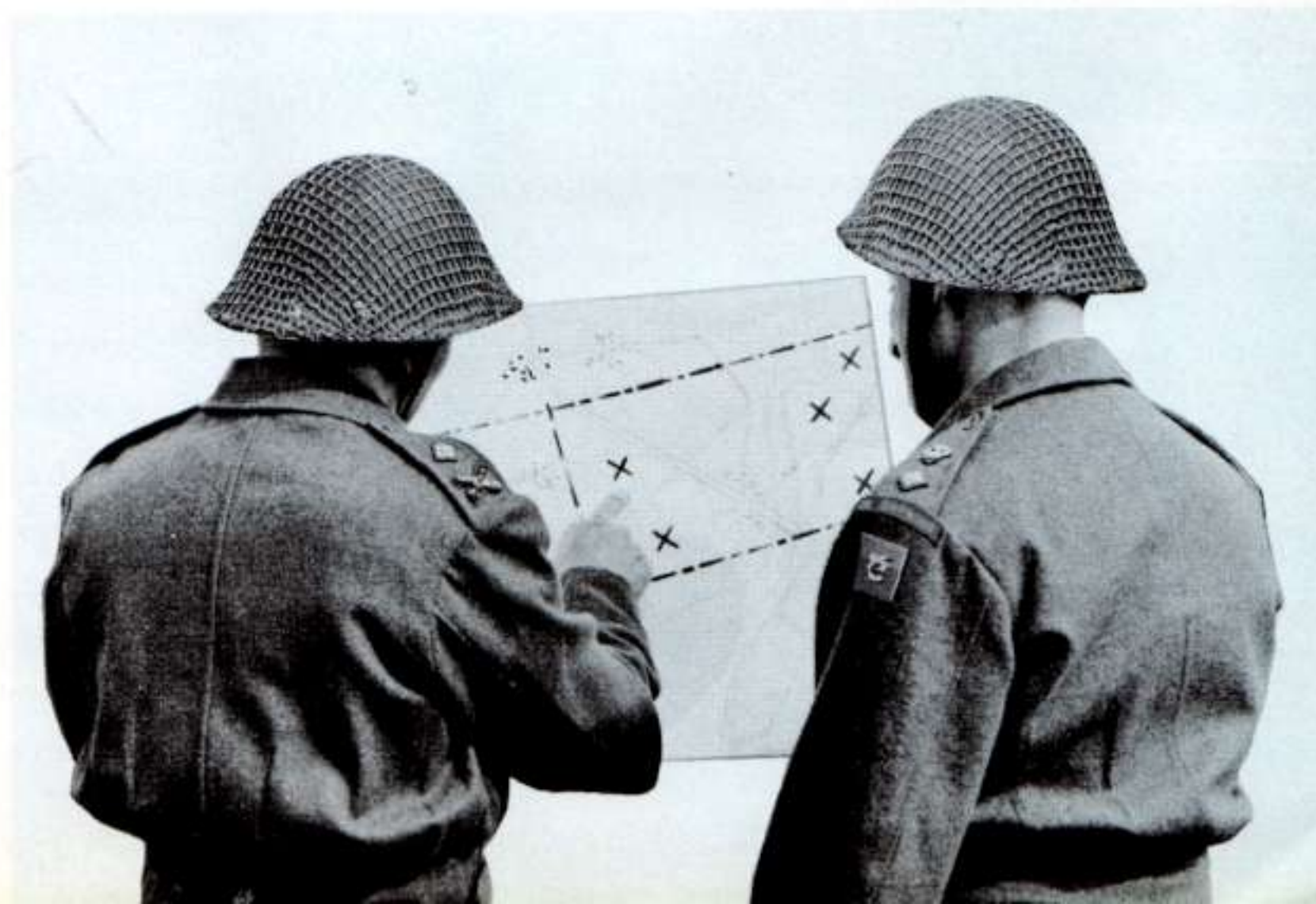
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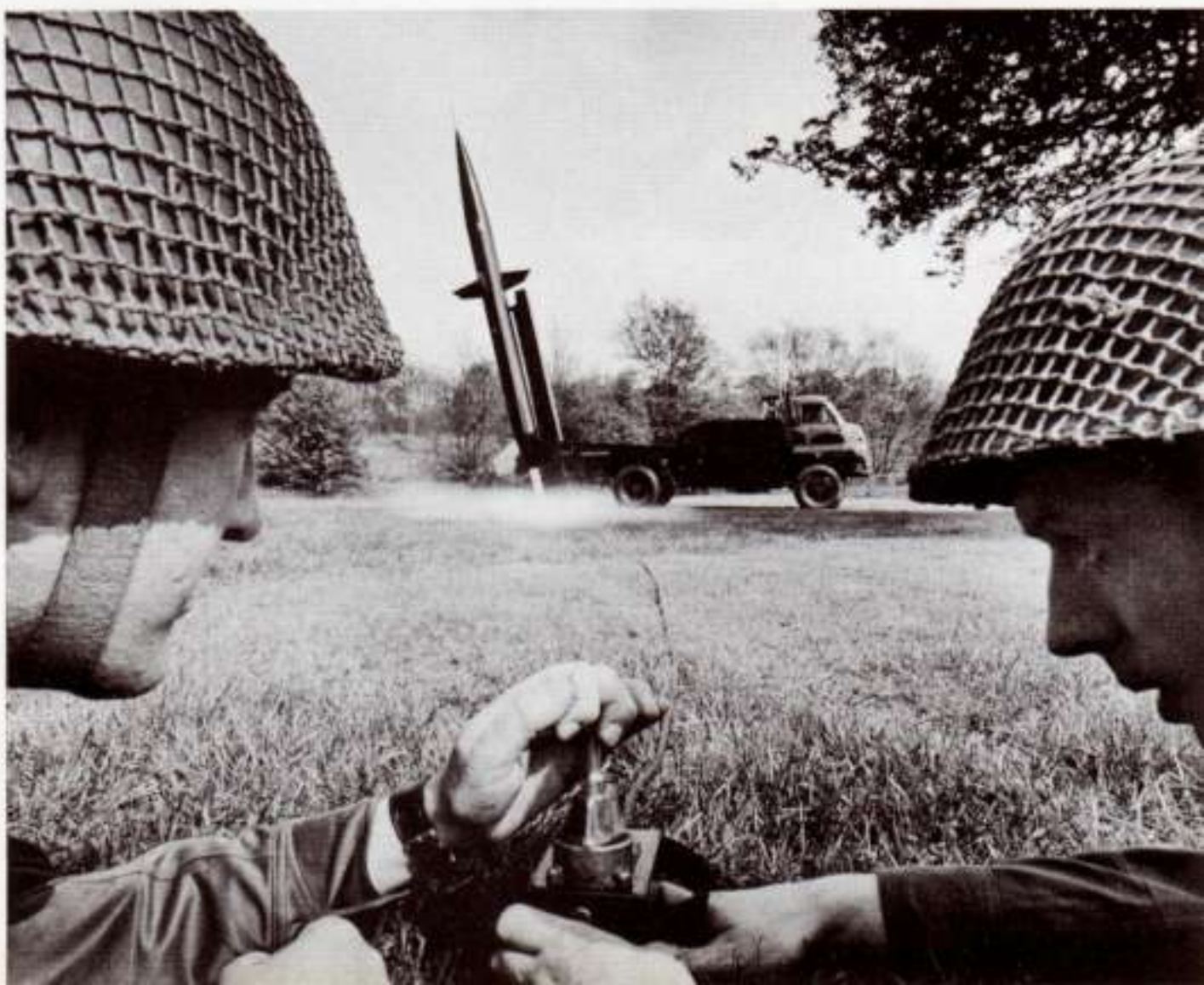
Blue Water

is flexible

Blue Water's mobility by air, road, and all other normally available means of transport gives to the higher commander strategical flexibility throughout any campaign.

During operations Blue Water's ease of deployment and concealment, combined with its range potential, and speed of response, give the local commander a flexibility in choice of targets not provided by any other weapon delivery system.





2

Blue Water

**is very mobile and
air-transportable**

The complete Blue Water system is highly mobile under battlefield conditions, and a complete fire unit with its missile can be airlifted in the AW660. Essential elements including replacement missiles are air transportable by helicopter.

3

Blue Water

is highly accurate

The Blue Water missile flies to its target controlled by inertial navigation methods based on superbly accurate gyroscopes and accelerometers. The navigation system is immune to counter measures. The setting up of the Blue Water system is simple and rapid and its accuracy is unrivalled.



4

Blue Water

is simple in concept

The essential part of the Blue Water fire unit consists of two vehicles, a launcher, and a ground computer Land Rover. The launcher consists of a simple, compact, self-contained super-structure, mounted on a standard 3-ton type wheeled vehicle chassis. This vehicle provides:—

- (1) Complete test facilities for a missile prior to assembly.
- (2) All the equipment necessary for handling and assembling a missile.
- (3) A means of transporting an assembled missile with full cross-country performance.
- (4) A platform for monitoring and launching a missile.

The ground computer, which does all target computations, is completely self-contained in a $\frac{1}{2}$ ton Land Rover type vehicle. With the addition of a small amount of specialised test and handling equipment, a similar vehicle provides full workshop facilities for test and replacement of assemblies.

THERE ARE NO OTHER SPECIAL VEHICLES

5

Blue Water

is simple in operation

The ground computer is fully automatic in operation with self-checking facilities built in. On receipt of launcher and target co-ordinates it calculates and feeds into the missile all the necessary information to enable its inertial navigation system to guide it to the target. The whole procedure, including self-checking, only taking a few moments to complete.



6

Blue Water

is reliable

The very simplicity of the Blue Water system leads to reliability.

In addition, the accumulated experience of years of co-operation with the British Army on guided weapon projects is backed by a quality control organisation at the Company's factory at Stevenage, second to none in its practical experience of meticulous environmental testing techniques.

Thus the highest possible reliability both of individual components and of the system as a whole is guaranteed.

Proof of this is displayed by the success which the British Army has achieved with the Company's Thunderbird weapon system.

7

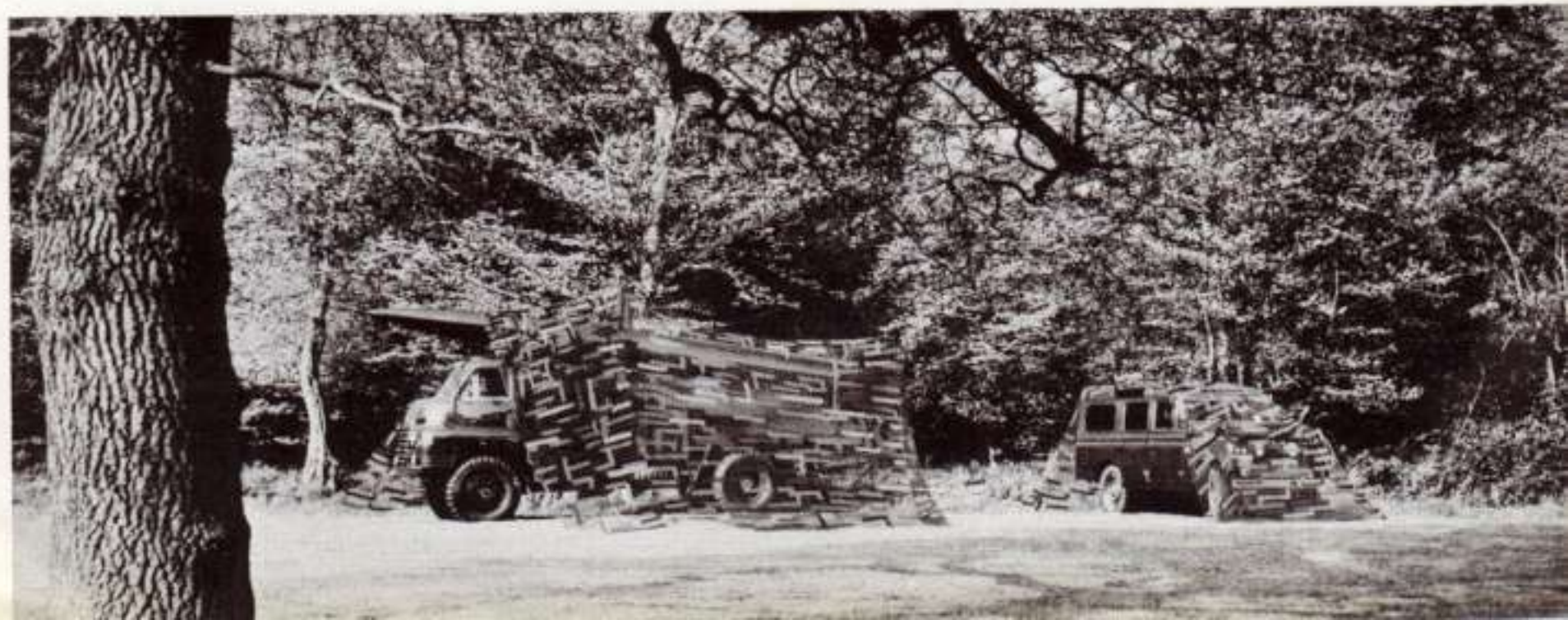
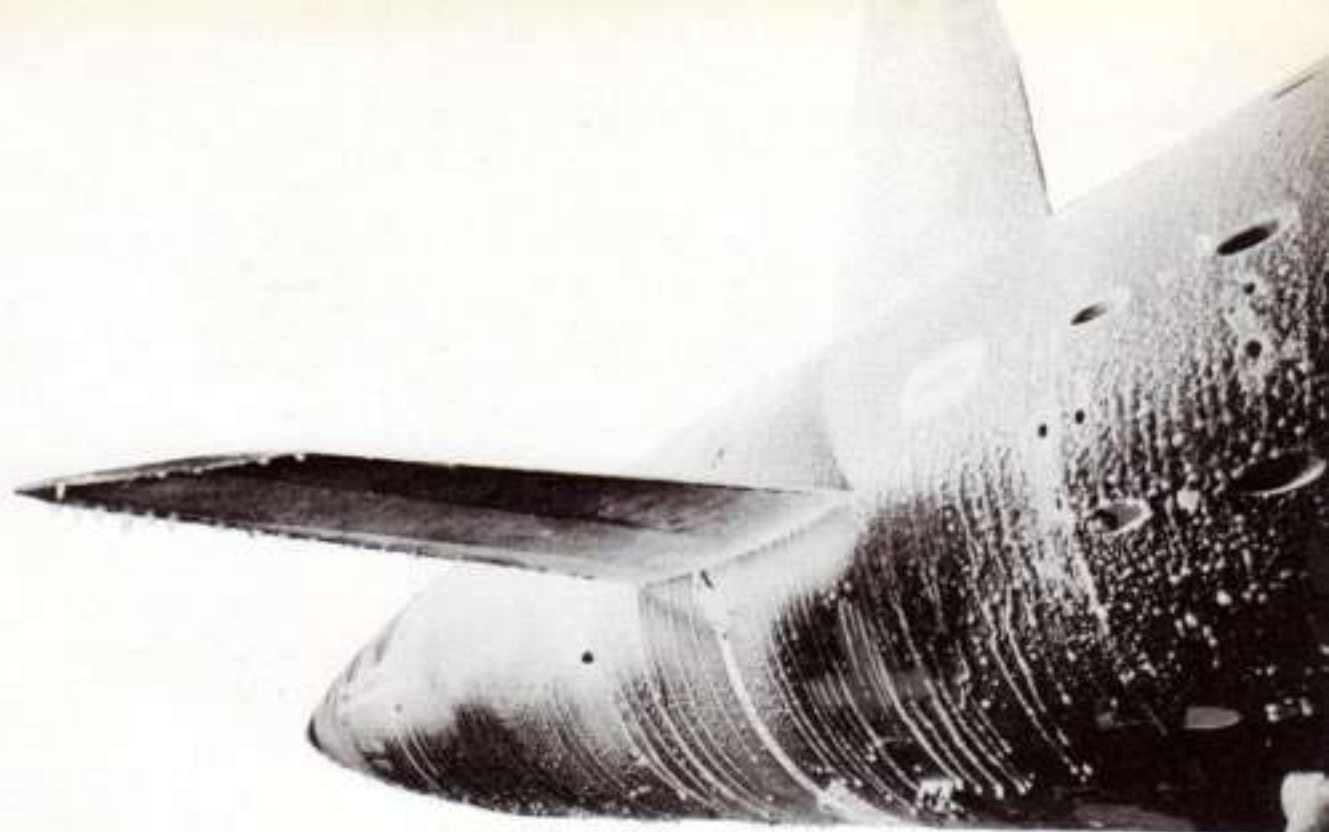
Blue Water

is designed for survival

To engage a target, the Blue Water system requires the launcher and one Land Rover type vehicle to be in the open for a mere matter of minutes before the missile is fired, the missile not being elevated to the firing position until the last few seconds.

By the time the missile hits the target, all vehicles will have left the position and any retaliation from the enemy will be useless. Any future firings take place from elsewhere.

In the event of any damage occurring to missile or equipment, repair is by simple and speedy replacement in the field.



VC 10



Super VC 10



BAC One-Eleven



Vanguard



Viscount



Canberra



T.188



Lightning



Jet Provost



Blue Water



Thunderbird



Bloodhound



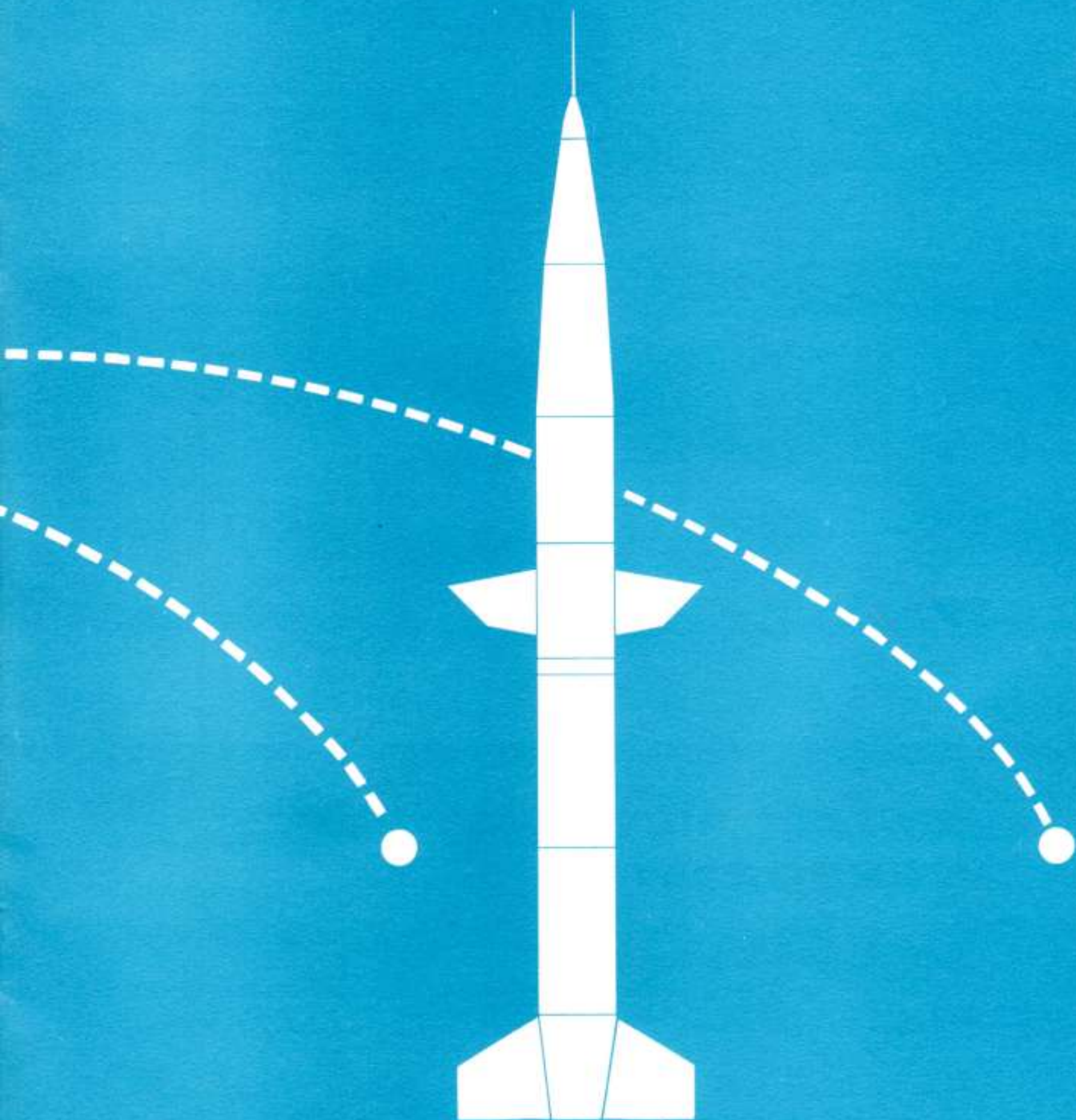
Vigilant



BRITISH AIRCRAFT CORPORATION

British Aircraft Corporation is an amalgamation of the aircraft and guided weapon interests of three powerful and world famous industrial groups—Bristol Aeroplane Limited, English Electric Limited and Vickers Limited. British Aircraft Corporation has a controlling interest in Hunting Aircraft Limited.

The design, development and production resources of British Aircraft Corporation, in the fields of military and civil aviation and guided weapons, are without equal in Europe and are unsurpassed in the world.



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