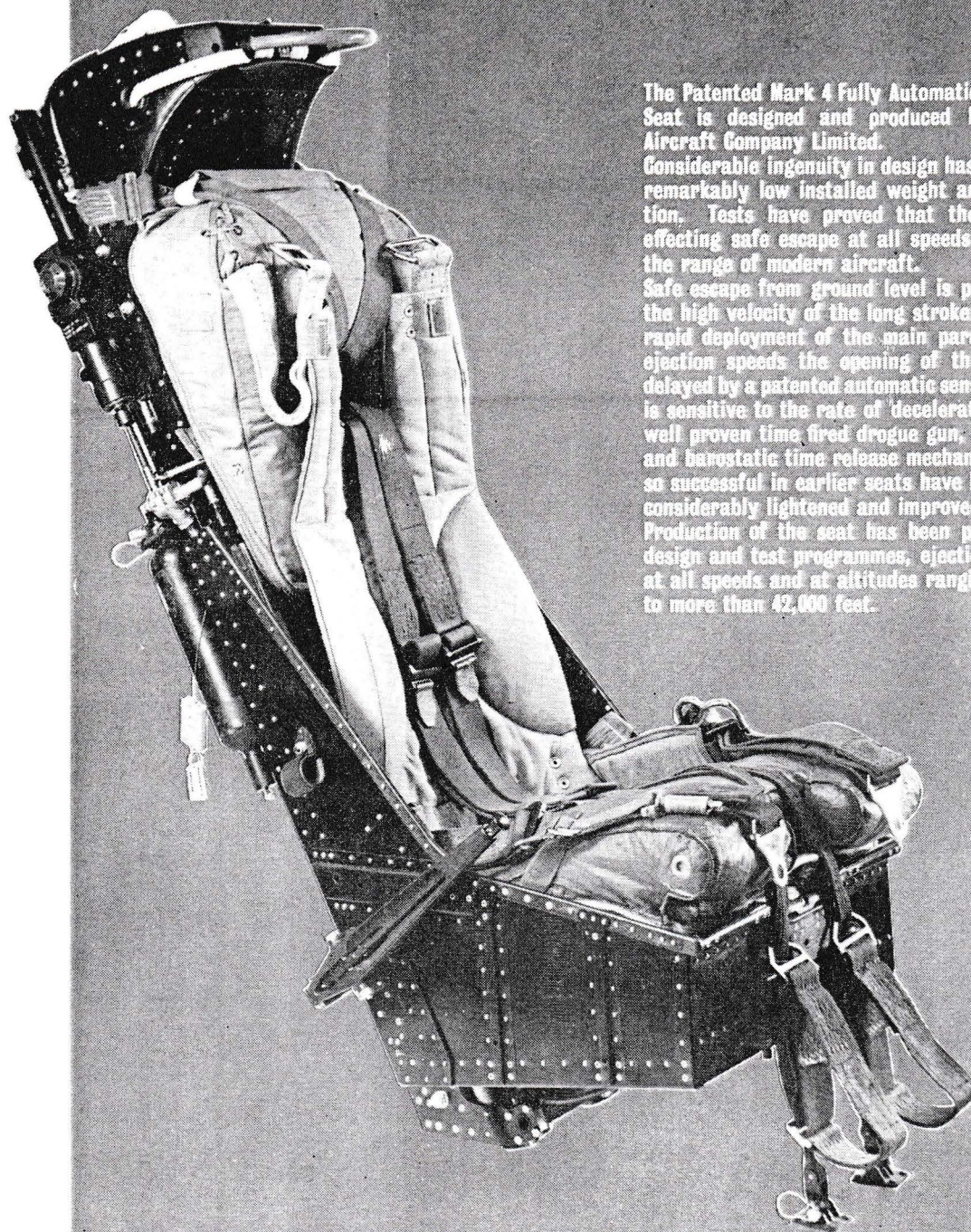


USED BY AIR FORCES OF TWENTY - EIGHT NATIONS



The Patented Mark 4 Fully Automatic Lightweight Ejection Seat is designed and produced by the Martin-Baker Aircraft Company Limited.

Considerable ingenuity in design has resulted in a seat of remarkably low installed weight and compact construction. Tests have proved that the seat is capable of effecting safe escape at all speeds and altitudes within the range of modern aircraft.

Safe escape from ground level is practicable because of the high velocity of the long stroke Ejection Gun and the rapid deployment of the main parachute. At very high ejection speeds the opening of the main parachute is delayed by a patented automatic sensing mechanism which is sensitive to the rate of deceleration of the seat. The well proven time fired drogue gun, Duplex Drogue system and barostatic time release mechanism which have been so successful in earlier seats have been retained, though considerably lightened and improved in detail design.

Production of the seat has been preceded by extensive design and test programmes, ejections being carried out at all speeds and at altitudes ranging from ground level to more than 42,000 feet.

# **Martin - Baker**

AIRCRAFT COMPANY LIMITED

ENGLAND & CANADA