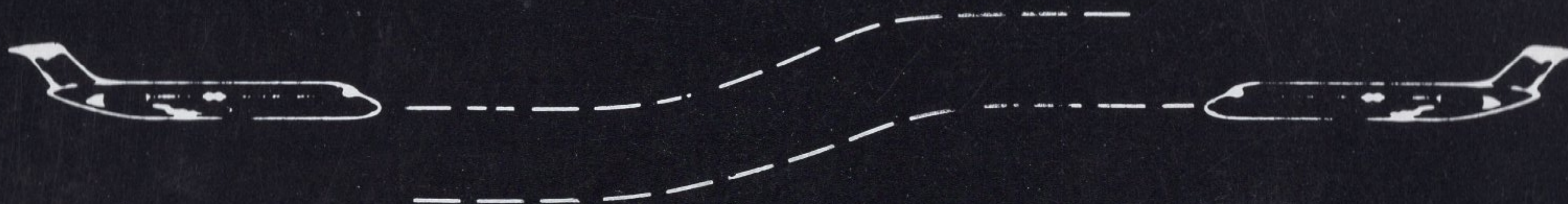


THE



UNTOUCHABLES

MCDONNELL DOUGLAS
CORPORATION

YOUR AIRCRAFT

PROTECTED BY

COLLISION

AVOIDANCE SYSTEM

WARNING

15,000 FT

SECONDS

100

80

60

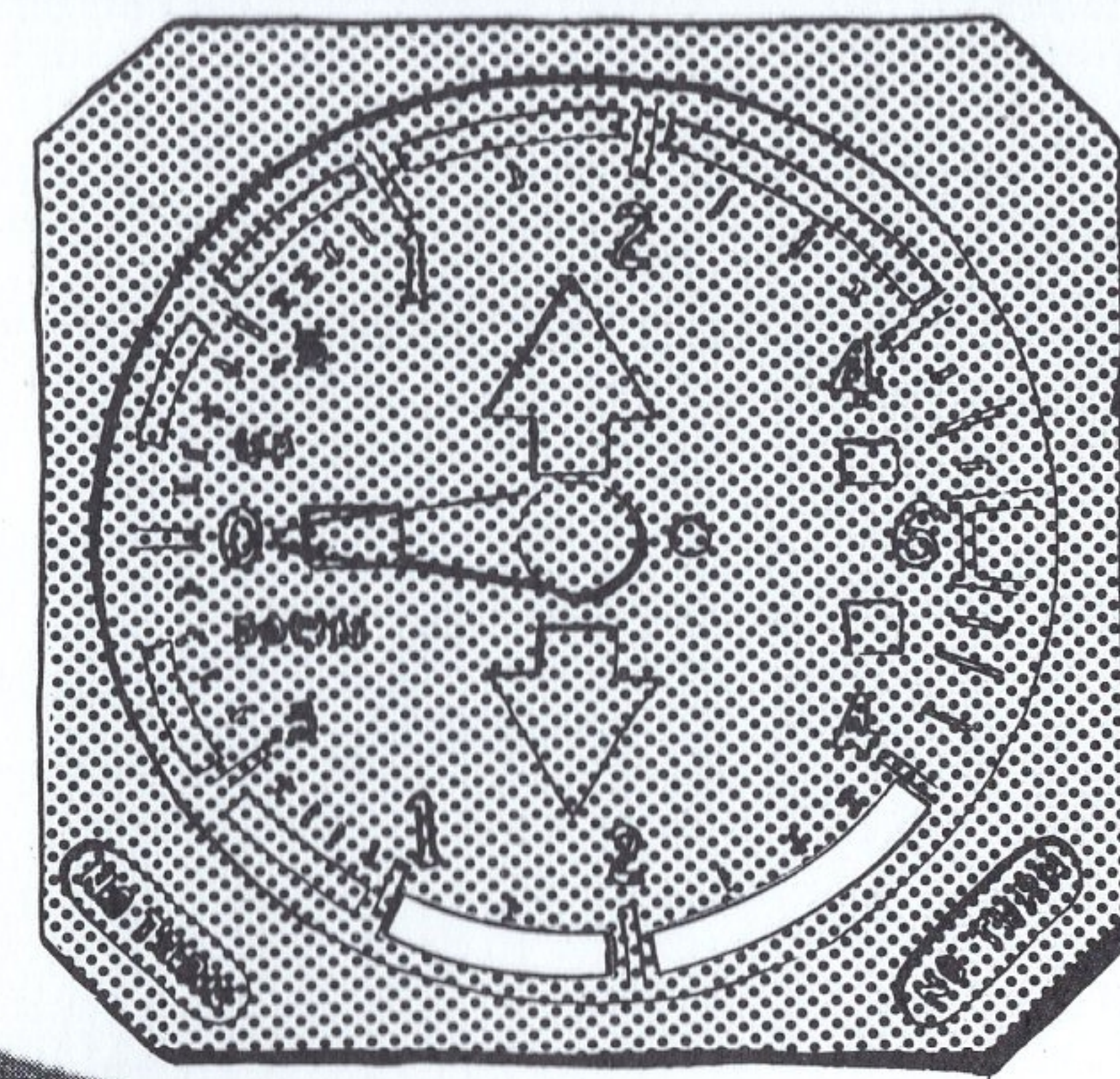
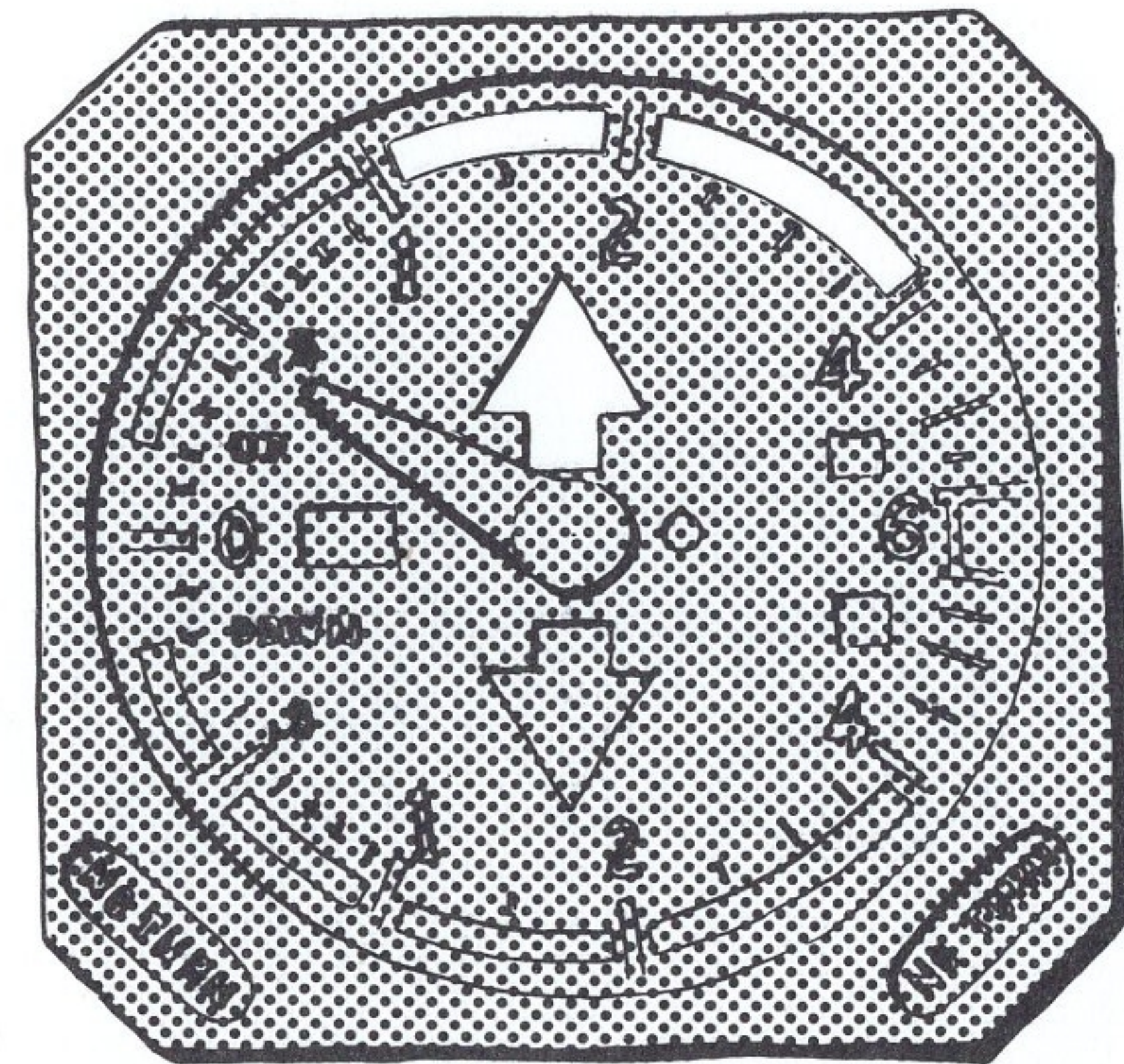
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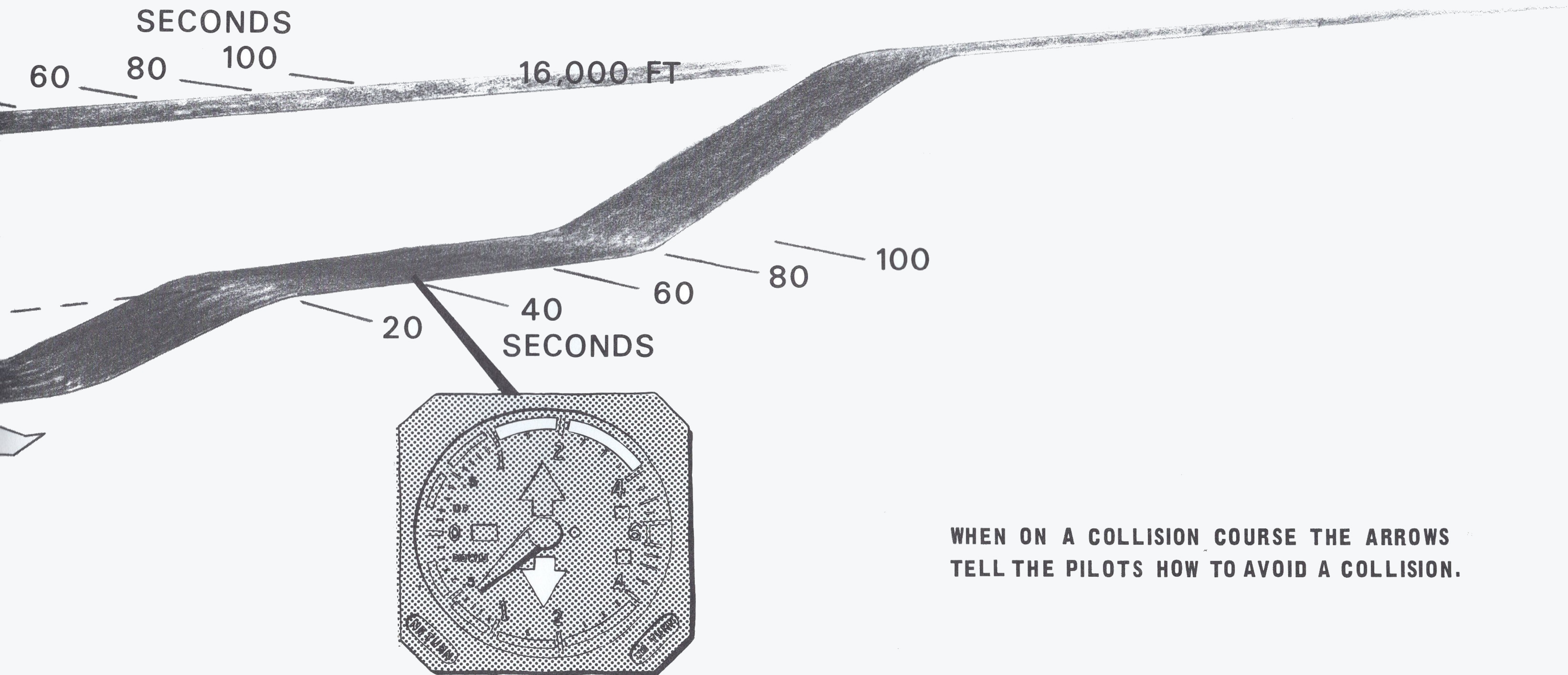
20

VICTOR 3

VICTOR



• • • • WHEN ON A COLLISION COURSE !

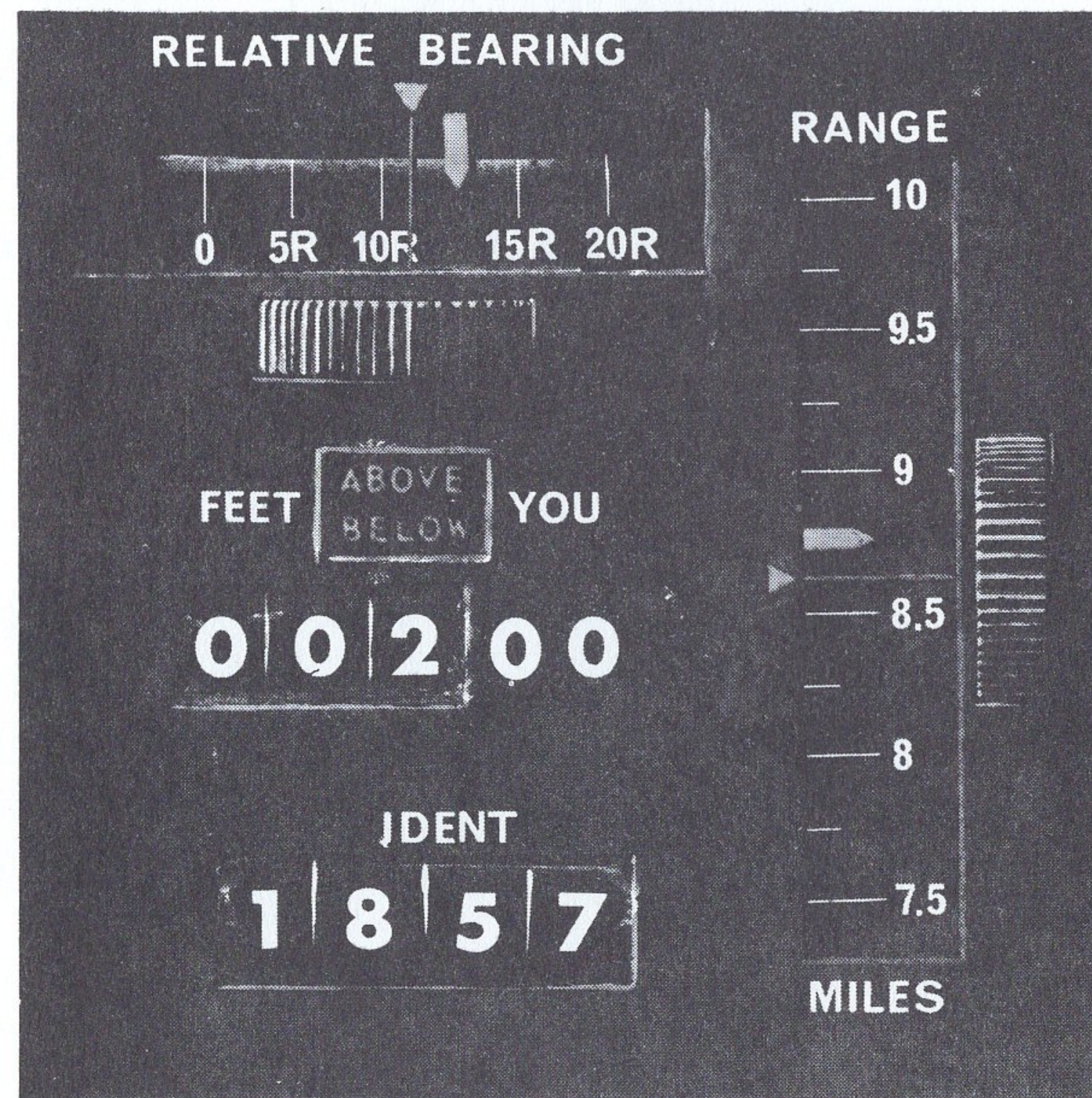




IN ALL

WEATHER ... DAY OR NIGHT

STATION KEEPING CAS OPTION

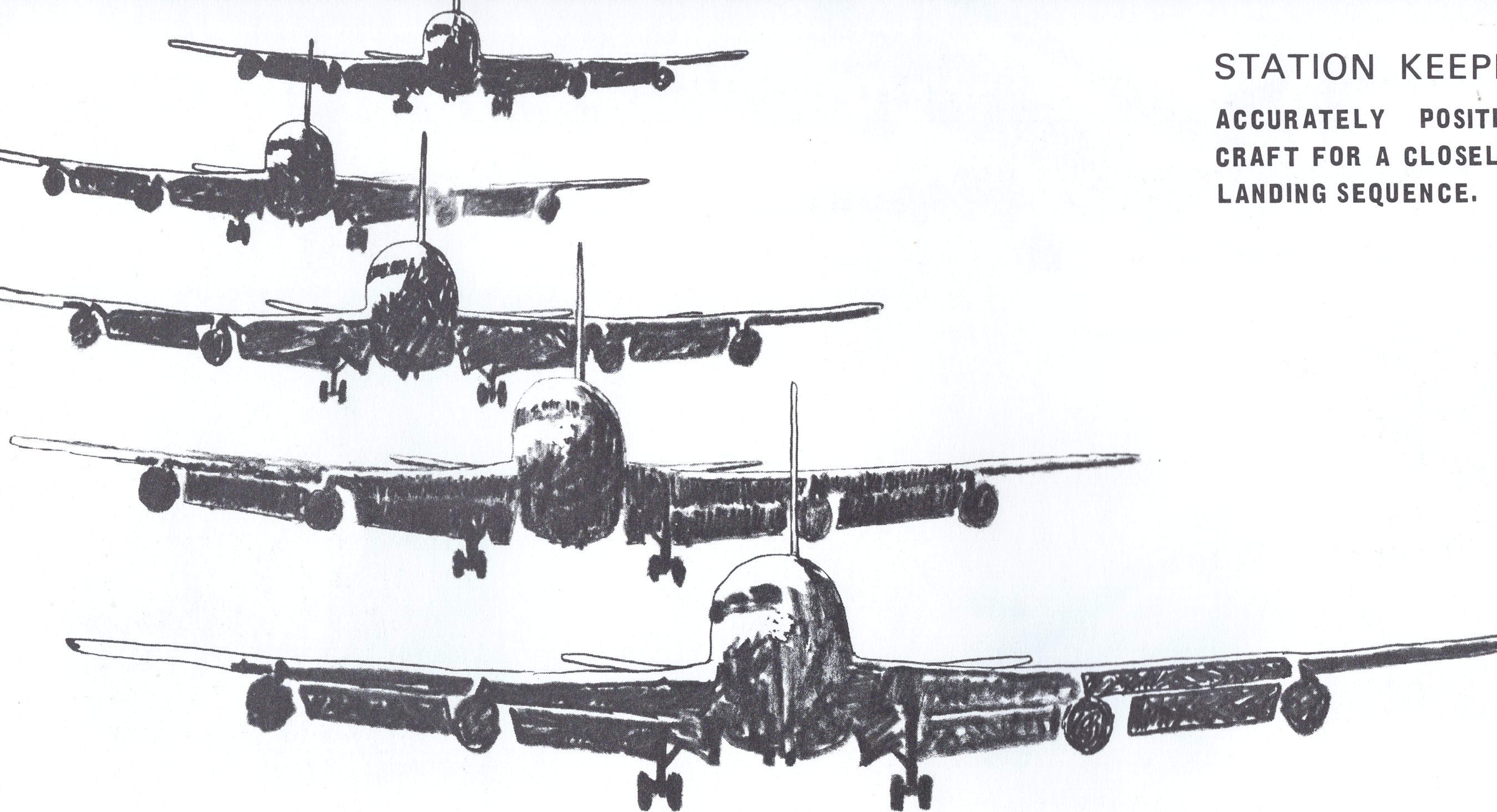


REDUCES FLIGHT INTERVALS



THE PILOT CAN CONTINUOUSLY
READ THE RANGE, RELATIVE
BEARING, AND THE DIFFERENCE
IN ALTITUDE OF THE AIRPLANE
AHEAD OF HIM. RANGE AND AL-
TITUDE INFORMATION COMES
DIRECTLY FROM THE CAS. BEAR-
ING IS OBTAINED FROM A DF MO-
DULE ADDITION.

MORE AIRWAYS CAPACITY

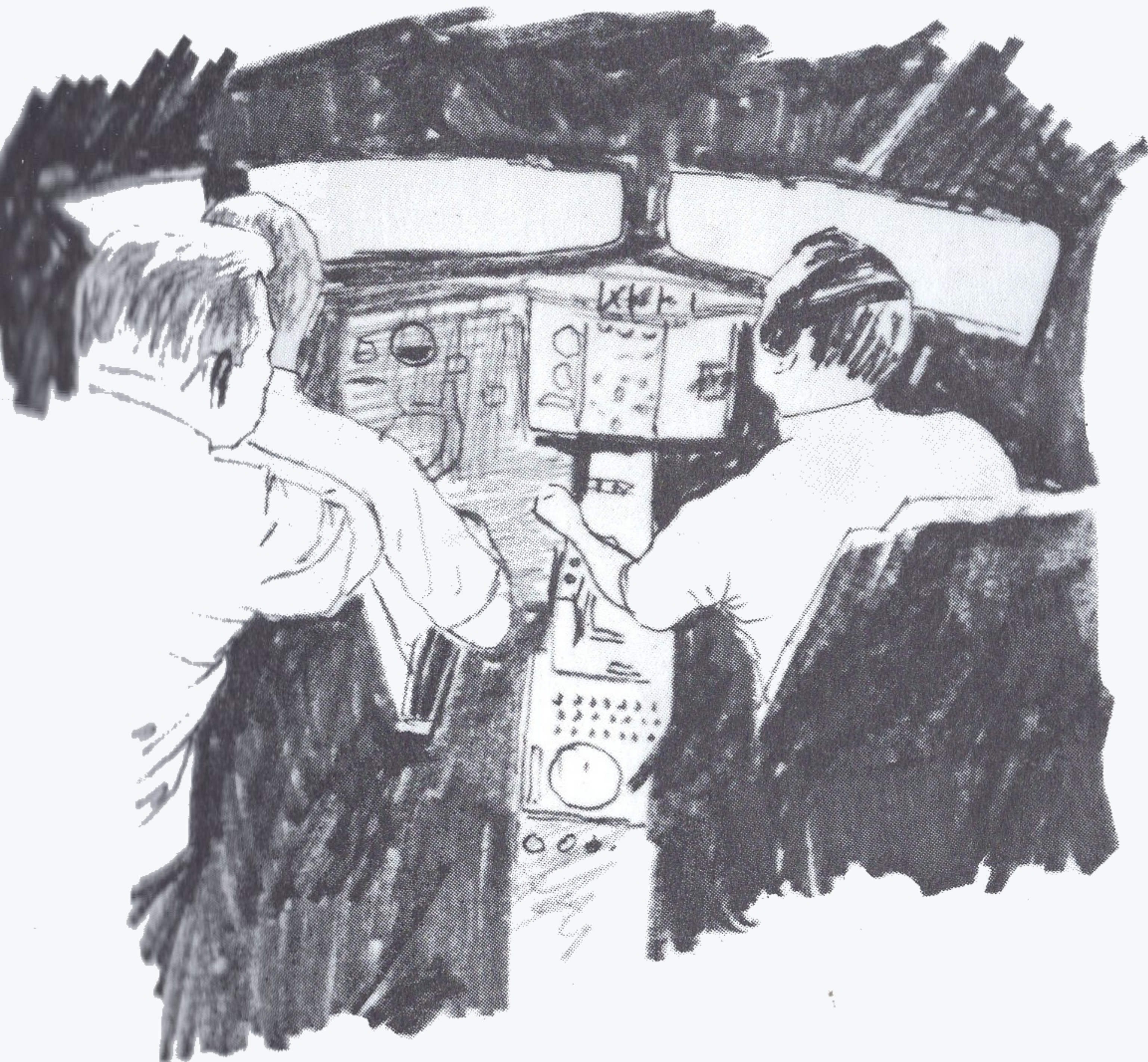


STATION KEEPING

ACCURATELY POSITIONS AIR-
CRAFT FOR A CLOSELY SPACED
LANDING SEQUENCE.

REDUCES LANDING INTERVALS

DIGITAL COMMUNICATIONS CAS OPTION

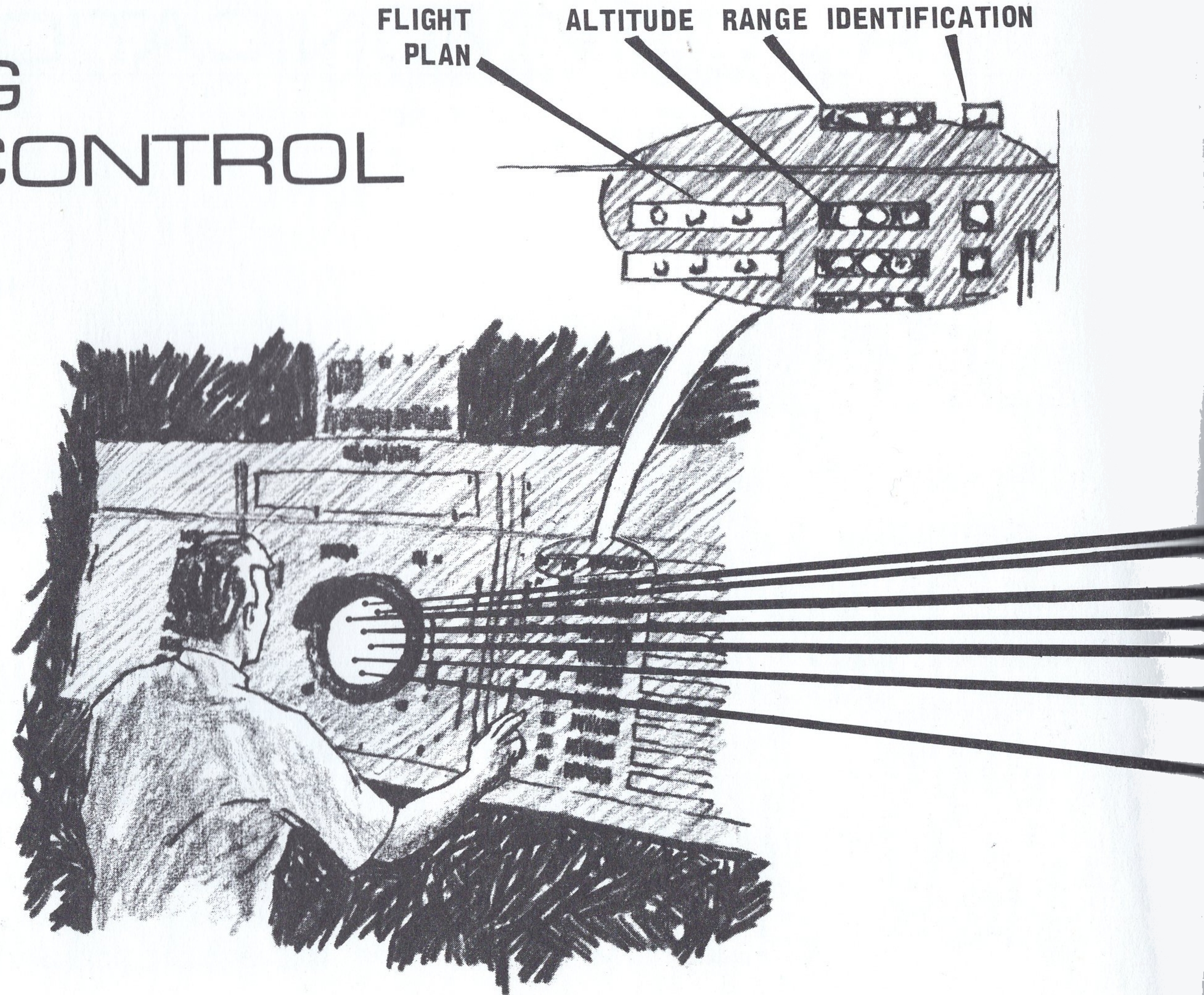


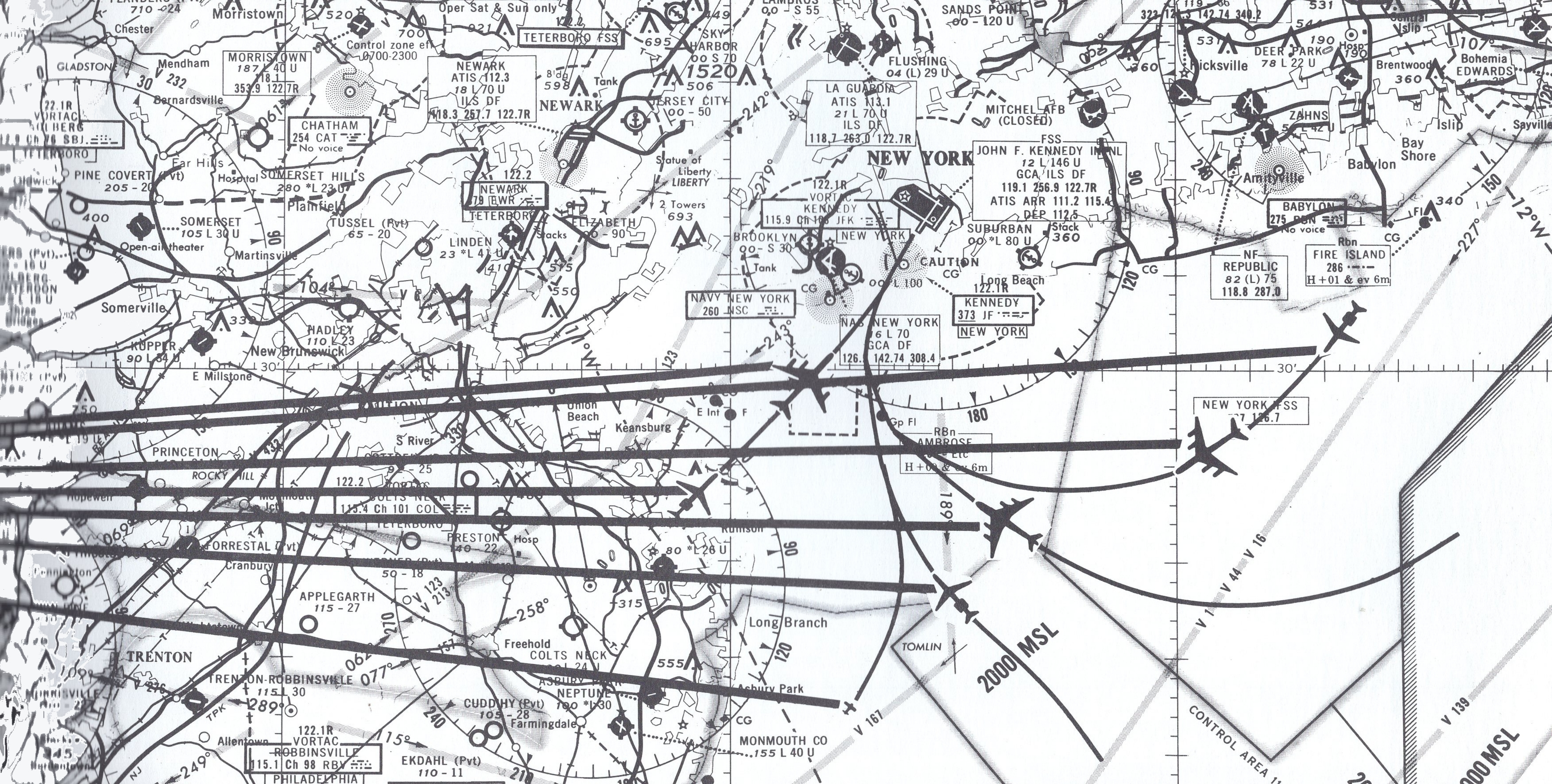
DIGITAL COMMUNICATIONS PROVIDES AUTOMATIC TRANSMISSIONS OF ROUTINE MESSAGES, SPEEDS UP COMMUNICATIONS WITH HIGHER ACCURACY THAN VOICE, AND REDUCES INTERFERENCE. THIS CAPABILITY IS INHERENT IN THE CAS MESSAGE STRUCTURE.



FLIGHT FOLLOWING FOR AIR TRAFFIC CONTROL CAS OPTION

POSITIVE UNAMBIGUOUS POSITION, HEADING, SPEED, AND IDENTIFICATION OF AIRCRAFT WITHOUT VOICE COMMUNICATIONS, WEATHER INTERFERENCE, OR GROUND CLUTTER. THE ONLY AIRCRAFT EQUIPMENT REQUIRED IS THE CAS.





PRECISION AIRCRAFT LOCATION
ON THE GROUND
IN THE AIR

AREA NAVIGATION & AIR TRAFFIC CONTROL
WITH THE CAS **TOPNAV**TM OPTION

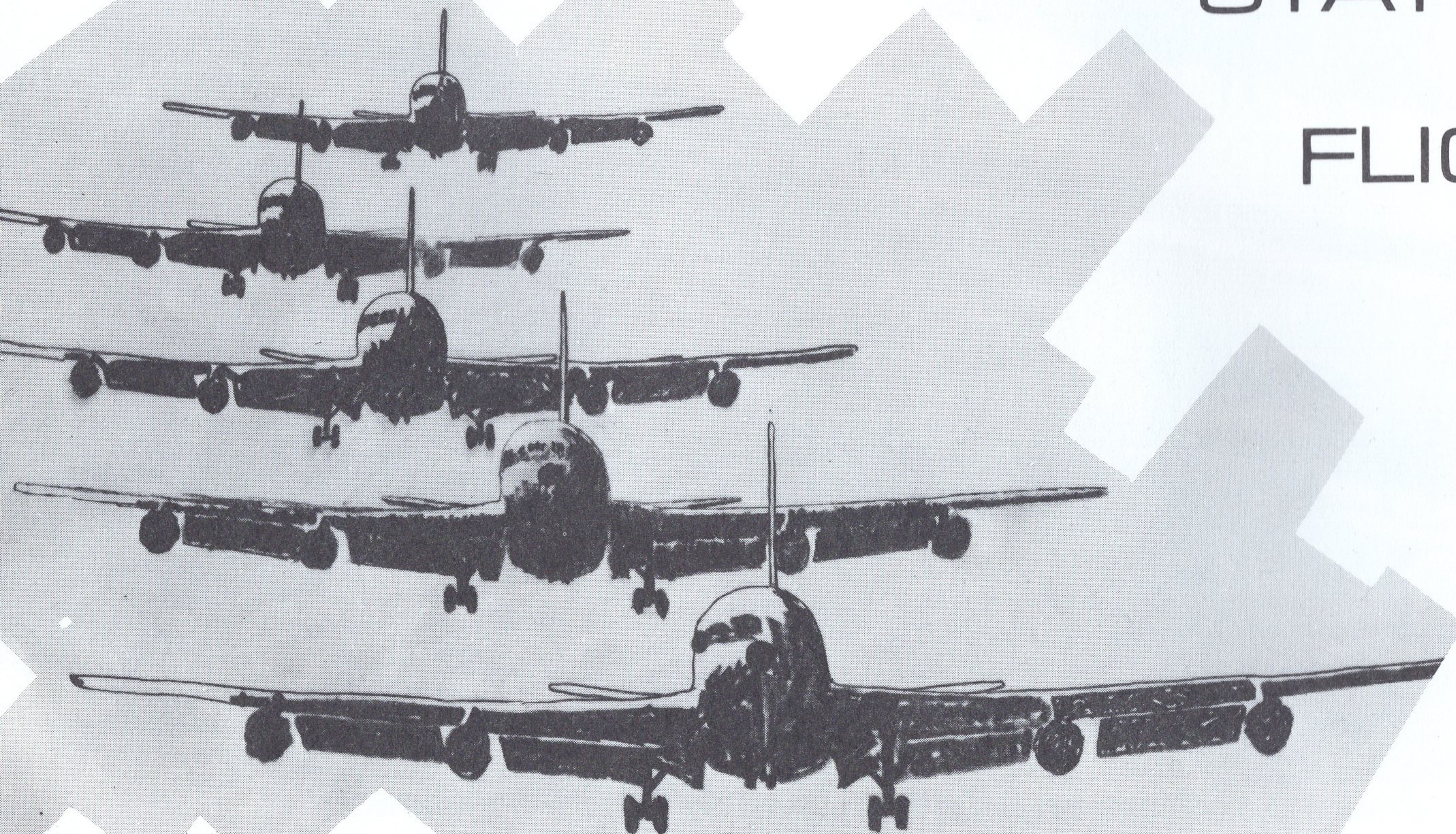
TRILATERATION PROVIDES ACCURATE AIRCRAFT LOCATION IN THE COCKPIT AND ON THE GROUND



1971 COLLISION AVOIDANCE SYSTEM

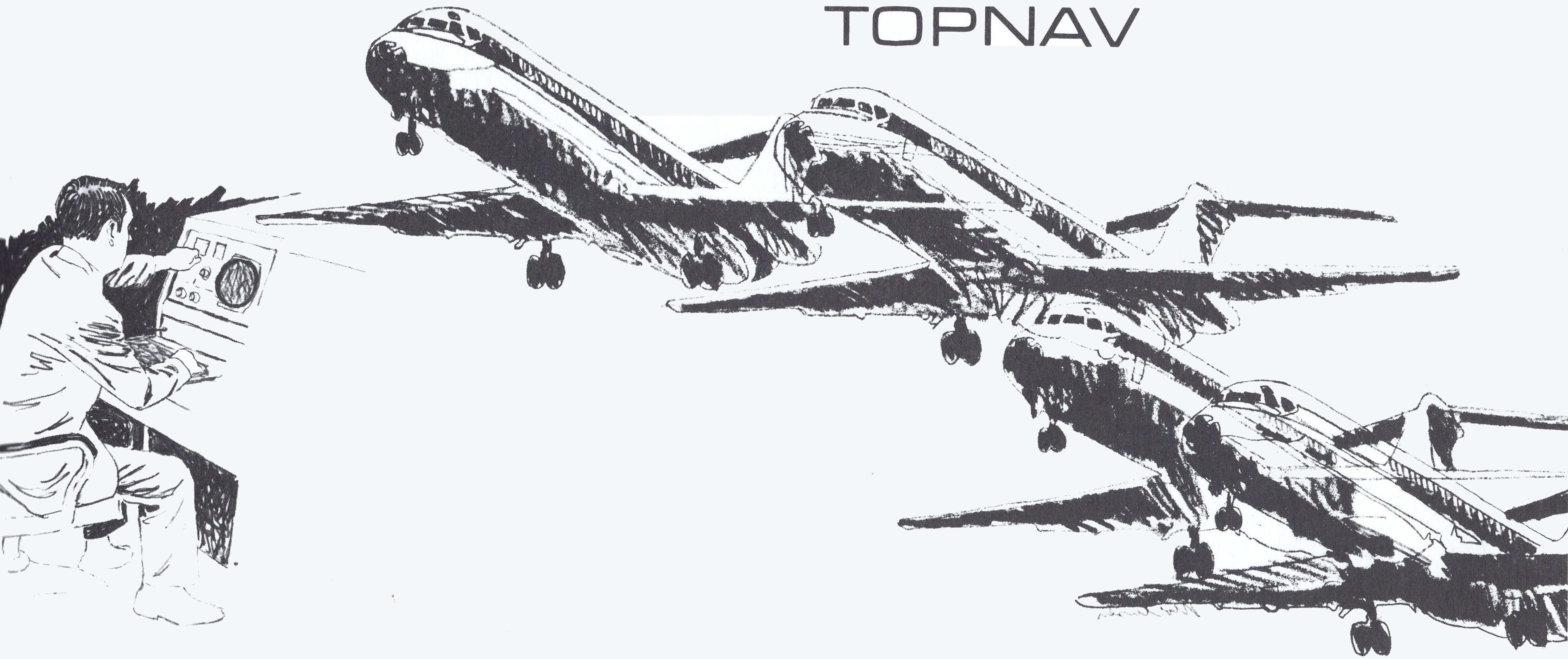
STATION KEEPING

FLIGHT FOLLOWING



1972

DIGITAL COMMUNICATION
TOPNAV

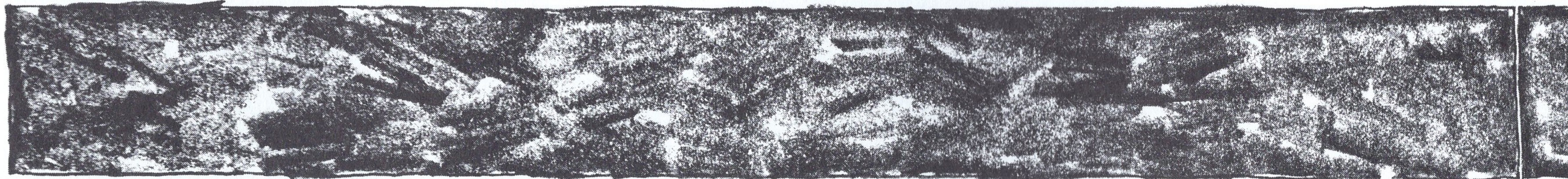


PAYS ITS WAY IN ONE YEAR!

Chicago

120 Minutes

New York City



5 Minutes *

* 5 Minutes Saved Per Average Flight
Of DC-10 At \$1298/Hr On
Annual 3000 Hours/Aircraft

COLLISION AVOIDANCE

HAS BEEN PIONEERED BY

MCDONNELL DOUGLAS



