

Another leading aircraft is the Avro Vulcan bomber.

To carry the atom bomb if need be Vulcan can fly at more than 600 miles an hour at over 45,000 feet.

That speed and height are the only protection required; no fighter could reach it in time to intercept. ~~The civil~~

~~version will speed 130 passengers, London-New York~~

~~in one hop. That won't be for a year or two; the bomber~~

~~has super-priority.~~ ^{Looks} Rather like a swan with a ^{small} brood,

but ~~the~~ ⁷ brood came first; ⁷ Avro 707s built to iron out ⁶

snags of Delta Wing design

Also crowding the news headlines is the 10-engined B-36,

world's biggest bomber, range 10,000-miles. This

particular aircraft does a special job, carrying a

jet-fighter in its fuselage. At any time in flight the

fighter can be released to go raiding on its own. In an

atom bomb attack ~~enough B-36s could transport~~ B-36s could transport

~~enough fighters to~~ escort the actual bombers, even

^{5,000} ~~10,000~~ miles away from the home base. And now the miraculous

part of the operation taking ~~the~~ fighter on board

again.

It looks simple, but half a lifetime's experiment and

hard thinking have ^{gone 2} made it possible.

~~Comet the Second, famous test pilot John Cunningham at the controls, made a perfect test flight of one-hour. ~~But~~ The new aircraft is more powerful than the first Comet and will carry 44 passengers on hops of 2,200 miles.~~

~~B.O.A.C. have ordered 12. See it again at Farnborough.~~

WHAT'S UP ? THESE PLANES MAKE NEWS

Comet the Second stood on the De Havilland aerodrome at Hatfield, where Chief Test Pilot John Cunningham prepared to take her up. More powerful than the first Comet the new model will carry 44 passengers on hops of 2,200 miles.

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Cunningham made a perfect flight of one hour and was in every way satisfied with the behaviour of the beautiful aircraft. B.O.A.C. have ordered 12.... We shall see it again at Farnborough.

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Klein

Abbott

Non

Issue #4

MIDAIR LAUNCHING

LINKS ATOM AND JET AGES

The B-36! — six piston engines, four jet engines — world's biggest known bomber —

range 10 thousand miles — cast in a new role.. Sharing "starring" honors is the

F-84 jet fighter — a combination in which now a reconnaissance version of the

B-36 carries an F-84 in its cavernous belly carries it within striking distance

of a target; then releases it — as Department of Defense films show — for what c

ould be an atomic bombing attack. Launched thus, in the air, the fighter, its own

fuel conserved in the climb, has substantially increased combat radius.

Speeding at 600-miles-an-hour, the swept-wing job can complete its mission, and

return to the mother plane. A hook on the F-84's nose catches the frame, dangling

out of the B-36's bombay.

Another latch engages the cockpit.

Like a winged kangaroo — the Air Force's newest merger of speed, range and knockout

power!