

ROCKETS AND WING DESIGN.

Supersonic rockets, stripped of their warheads and fitted with movie-cameras, are being used in America to test new wing design .

Once airborne, the camera reveals that the particular wing shape under test, flaps violently at fifteen hundred miles an hour.

Watch this one closely. First the wing flutters and then disintegrates. Tests prove straight wings superior for supersonic flight, but swept back wings best for subsonic flight. While America reveals some of her rocket research, Britain is still keeping her Woomera test secret.

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TEST ROCKETS

BARUCH -- Aarsoth

Supersonic rockets -- stripped of their deadly warheads and mounted with tiny, experimental wings -- are shaping the wings for tomorrow's jet aircraft.

Packed into the ~~knux~~ nose, electronics instruments and cameras will record the performance of the wing shapes on the rocket -- ready now for launching.

Now, amazing, in-flight films -- watch the wing flap violently as the rocket streaks into space at fifteen hundred miles an hour.

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Another rocket is ready for launching.

Watch the wing flutter and flap and then buckle.

More than fifty different wing models have been tested by Lockheed Aircraft engineers.

Tests like these prove skinny, straight wings superior for supersonic flight -- swept back wings best for subsonic flight -- for strengthening the sinews of America's air might.