

## GOING UP!

High in the great blue bowl of the sub-stratosphere, fly American planes designed to fight 5 miles up. The men who fly them are subjected to severe tests in specially constructed low pressure chambers. While oxygen and air-pressure are controlled outside, an altimeter records a rise equivalent to 4,000 feet a minute.

The future super-airmen now begin their co-ordination tests.

A contest between brain and brawn. The observers put on oxygen masks. The simulated climb is beginning to take effect.

18,000 feet and inertia is eating into the volunteers like a drug.

20,000 feet. Muscular control is vanishing as the oxygen in the blood diminishes.

Eyes and hands can no longer obey the mind. And they've got to go higher yet. Lack of oxygen causes the flesh to turn purple. Notice how heavy a piece of chalk feels to the lad on the right. Brain and muscles lose all unity.

And after about ten minutes at above 20,000 feet - Complete blackout. Now watch how quickly he revives as an oxygen mask is slipped on. He breathes deeply, completely unharmed.

That journey into the sub-stratosphere was made without leaving the ground.