

For Release
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Air and airplanes! Flying has been an accomplished fact for over a quarter of a century, but it took nearly 20 centuries of study to make this possible. Leaving out the difficulties of building light enough engines and the correct form of wings, certain things had to be learned about the air. It took a long time to realize that air is a substance and to learn the qualities of that substance. The important qualities, so far as aviation is concerned, are compressibility, viscosity, and density. Air density, since it gets less and less with elevation, determines how high any particular plane can go: it fixes the ceiling for that plane.
