

Motion is always relative and the operation of parallax is present. The general impression is one of a static position of the plane and an active movement of the cloud masses. Occasionally the sea below will appear to be moving in the direction of the plane. A better impression of the relative nearness of the clouds can be attained by comparing relative speeds of the moving clouds. Many clouds appear to be near but are actually more distant than others which appear farther beyond. The alto-stratus pass by with the greatest speed due to our close proximity to their position either above or directly below the plane. It is during the passing of these clouds that one receives the true velocity of the plane. As we approach this type of cloud its lenticular or needle shape is apparent but as we actually contact it and pass by it changes to one of broad expanse and its former compact arrangement becomes discontinuous. Finally as we pass beyond it recoils into itself into its typical lens shape. These forms are darker than their cumulus backgrounds contrasting as if etched in black and white. Some cumulus have a striated effect from these clouds.

This morning flight was also characterized by contrast of light and dark as we faced the sun and delicate tonal gradations to the west.

Glided to Bermuda Island for refueling and then again to our sky world. Bermuda is characterized by its complete green covering and a lack of any extensive high tree growths. This afternoon was to be one that I would refer to as the orderly march of the storm clouds. Each wave of high cumulus made its appearance with a predictable pattern. The ocean below was always discernible at one point or another except when passing thru the wall of the giant cumulus barriers or other area of congested cloud formation. From a zone of fracto-cumulus one would pass into a mixture of high isolated cumulus and fracto-cumulus. Far ahead the dominating cumulus giants advanced in a long solid front. As we cruised along could tell by the progressive change of clouds from hour to hour