

For release  
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Slope soaring! A glider under all conditions of flight is always gliding downward; and paradoxically even when soaring. This is because the source of power of a glider is gravity, and the glider must point downward to sail at all. It soars only because the air in which the gliding is done is rising faster than the glider is losing altitude. If the air is moving in a strictly horizontal direction, there can be no soaring. Soaring can only be done in slope winds when they blow toward a mountain ridge. To get the greatest number of soaring hours, sites should be selected where the mountain ridges run about perpendicular to the prevailing winds.

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