



## Look! Up in the sky! It's GM Research Engineer Roland Maki!

Meet Roland Maki at work at the GM Research Laboratories in Warren, Michigan, and you'll meet a dedicated researcher. But, get him near an airport and presto! He turns into an acrobat of the skies piloting a WW II era biplane.

A 17-year veteran of GM, 34-year-old Roland began his career as a garage mechanic, was then sponsored at the General Motors Institute by the Research Laboratories, and for 12 years now has pursued advanced studies on air bearing systems.

Air bearings are nothing new, explains



Roland, but it wasn't until recently that the demand for ultra-low-friction bearings became apparent. Since air bearings use air for lubrication, it is possible to provide high speed, light load operations with a high heat tolerance.



For example, Roland has had a hand in developing air bearing gyro systems for aircraft inertial navigational systems built by other GM

divisions.

On weekends and vacations, he does his *own* navigation. Roland has been flying for 11 years, and belongs to a flying club which owns a more contemporary 4-seat plane the club uses regularly for pleasure and cross-country travel.

Roland Maki is one of the thousands of interesting men and women who work at GM to improve the quality of life for all of us.



**General Motors**  
Interesting people doing interesting things.

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