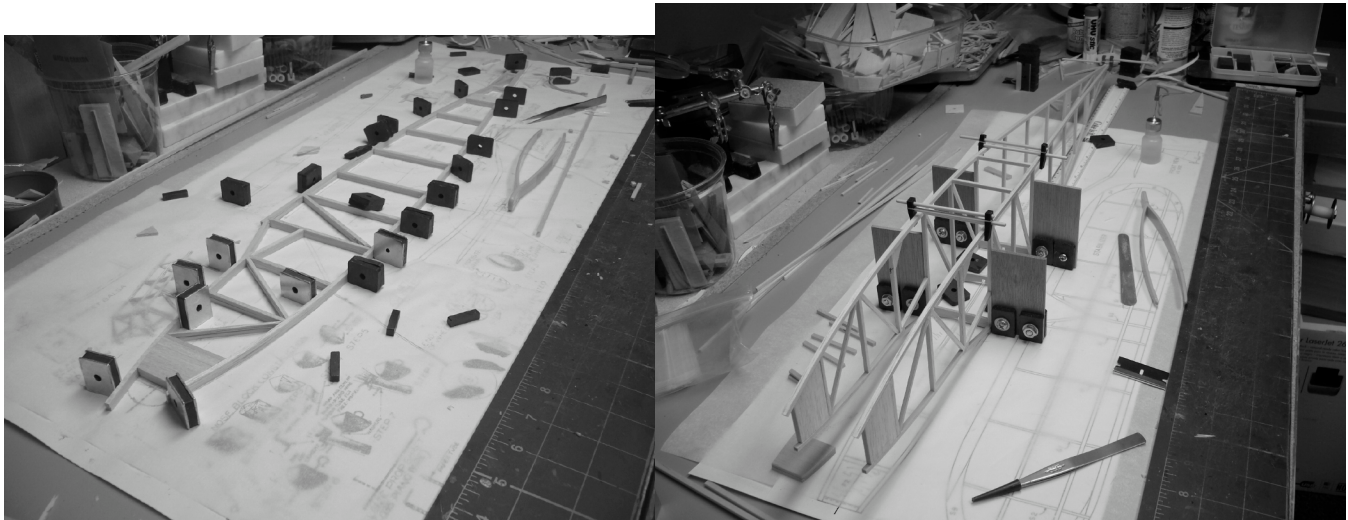


# MORE ON MAGNETS FOR BUILDING BOARDS

By George White

In response to the article on the source of magnets described in the July/August 2007 issue of this rag, **Rick Isaacson** of Pittsburgh responded with some very enlightening information he had discovered. For small, lightweight models, he's found less aggressive magnets which are 3/16"X1/4"X 7/8". For larger models where you really want the magnet or jig to which it is attached to really grab the building board, he's also found some great magnets to meet that need. They are both available on-line. Go to <http://www.magnetsource.com/airfieldmodels>. You'll see Part Number CA41LWH. That item consists of a ceramic magnet plus two zinc-plated steel pieces which you can place on each side. They are essentially cabinet door magnets. I found that when you attach the steel plates, those plates seem to focus the magnetism in the plane of the magnet and increase the pull tremendously. The pull is so strong you can't pull the magnet off the board without tilting it. When you remove the plates, you have the same pull as those purchased from Easy Built. To order the small magnets, go to the same website above, and in the lower left corner click on "Craft and Hobby", then click on "Ceramic Magnets" and you'll find Part Number 07001. A couple of packages of the small ones and, depending upon the extent to which you build large models, a dozen or so of the magnets with the steel plates can do wonders to make your building task easier. **WARNING:** Once you start building with magnets, you're going to have to find some other use for your pins, because you won't want to use them anymore for building. The first photo below illustrates the use of magnets in building the fuselage for a Miss Canada, Sr. The small magnets were used on this relatively large job simply to hold the plan/parchment paper down. The magnets with the steel plates were used where the Easy Built magnets didn't have the gripping power to hold the hard longerons in the curved shape needed at the nose. The second photo shows how Easy Built magnets can be attached to both sides of a piece of plywood for vertical alignment. The small clamps atop the model are made by Doug Petty of Louisiana and are without doubt the handiest clamps I've found to apply the moderate pressure required for handling balsa.



The third photo below shows a large fuselage being built by George Hilliard using the magnets with steel plates, with alignment jigs set at each end.

