STRUT MOUNTED WINGS AND LANDING GEAR — A SIMPLIFIED METHOD OF FINAL ASSEMBLY

By Wafer S. Eggert Jr.
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All attachments are designed to be strong in both Compression and Tension by using light weight mono-filament fishing line as assembly pins.

Advantages of this system:
A. Greatly simplifies final assembly.
B. All joints are flexible and strong in tension.
C. Flexible joints absorb energy during crashes.
D. Improves appearance duplicating a scale appearance of fittings at attach points.
F. When rigging is required, provides a convenient way to locate rigging.

1. Sub-assemble all wing struts, cabane struts, and landing gear and final paint.
2. Drill holes in end of struts using a straight pin and, using 1" pieces of monofilament, cement pins into all strut assemblies using cyano gap filling cement.
3. Cut pins to approximately 1/4" (1/8" on peanuts) on all strut sub assemblies.
4. Drill pin holes in body and wing structures about 5/16" deep and mark with black ink before covering. After covering pierce holes with a pin and mark with black ink. Finish doping and painting model.
5. Use sub-assembled struts as fixtures to assist assembly. Cement with a small coating of a gap filling cement after pre-assembly to check alignment — use only enough cement to hold joint — joints can be worked loose later for adjustment if necessary. Acetate Cement thinned with acetone 50% can also be used — Note double coat hole and strut pin.
6. Monofilament for all fitting and rigging is available at stores selling fishing supplies.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
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<tbody>
<tr>
<td>.003</td>
<td>1.75lb light weight rigging</td>
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<tr>
<td>.006</td>
<td>2 lb medium rigging</td>
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<tr>
<td>.010</td>
<td>6 lb peanut attach pins</td>
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<tr>
<td>.017</td>
<td>17 lb larger attach pins</td>
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Caution: Do not rig too tightly on light weight models — there can be some tightening in extra dry and high heat conditions.

Landing Gear Saver
Landing gear wire fitting (shown below) serves as a shock absorber -use wire size only as heavy as required to support model. Wire sizes are available at guitar music stores from .007 to .020 in .001 increments.