

## RETRACT INSTALLATION

1. Cut plywood braces A and B as shown.
2. Cut maple landing gear mounts 1 and 2 as shown, being sure to cut correct angles.
3. Glue plywood braces A and B to ribs W-1 and W-2 as shown, cutting away balsa ribs where braces have openings.
4. Install mounts 1 and 2, gluing mount 1 to W-17 as well as to brace A.
5. Lower main spar must be removed from W-2 to W-3 to allow wheel clearance. Add replacement spar from W-1 to W-4.
6. Install Royal retract mechanism as shown and make sure all clearances are correct for retract position.

NOTE: Axle angle for retracts should be set in extended position so tracking is straight. Then check for clearance in retract position as wheel will not lay flat in wing due to mounting angle.

7. Once mechanism is operating properly, sheet lower wing and cut out for strut cover and wheel clearance.
8. Attach strut cover to strut flush with lower sheeting.

NOTE: Hardwood parts W-14, W-15 and W-16 are not to be installed when retract installation is used.

Note: To enhance flight characteristics of this model, scale air foils on wing, stabilizer and fin (as well as dihedral) may be altered from actual scale.

