

# PILOT'S PRE-LAUNCH CHECKLIST

## For MASS LAUNCH and SCALE TOTF Events

FAC Mass Launch and Scale TOTF (Total of Three Flight) events are designed for maximum fun with scale models. These models do NOT need to be museum pieces, but fliers should remember that they are SCALE models in the stick and tissue tradition of the Flying Aces Club, and must meet the standards outlined below.

**Be prepared with documentation to avoid being DQ'd after the event in case of questions.**

### **ALL MASS-LAUNCH & TOTF MODELS MUST HAVE THE FOLLOWING:**

- \_\_\_ National insignia and side / wing registration letters / numbers appropriate to the era.
- \_\_\_ Colors appropriate to the era. Aluminum finish must be represented by gray or silver tissue / paint; white tissue alone is not acceptable.
- \_\_\_ No unfinished balsa or foam on the exterior.
- \_\_\_ All principal load / stress bearing struts and wires, exclusive of control horns and control wires.
- \_\_\_ Control surfaces outlined.
- \_\_\_ Scale landing gear, or if retracted, gear panel outlined
- \_\_\_ If radial engined, at least a paper engine if visible from the front.
- \_\_\_ 3-D exhausts, if they protrude above the skin of the original aircraft.
- \_\_\_ Cowl bumps if applicable.
- \_\_\_ Wing fillets if they are shown on the three view. May be small, flat triangular pieces when fillet amounts to a small, mostly flat fairing used only to blend the trailing edge of the wing into the fuselage.
- \_\_\_ Approximate scale outlines, allowing for modifications as specified in FAC rules (e.g. enlarged stab). Side stringers required to represent approximate scale cross sections on oval fuselages.
- \_\_\_ Dihedral: a maximum of 1" per tip per foot of wingspan **or**, in the case of low wingers, no higher than the bottom of the canopy---**whichever is higher**. Models built from kits may be built to plan even if the specified dihedral exceeds these standards. Bring your plans.
- \_\_\_ Wingspan:
  - Military Combat (WWI and WWII): No restrictions
  - Thompson, Greve, and Bendix racers: 24" max
  - Goodyear and Formula racers: 13" max

### **MILITARY COMBAT (WWI, WWII) MUST ALSO HAVE:**

- \_\_\_ All visible gun troughs and forward-firing guns must be 3-D; non-protruding gun ports must be appropriately marked.