



SPECIFICATION UNLIMITED

DATE: 01/98

REVISION: 1/07

APPROVED: BOD

NAA NA-50

MODEL MINIMUM

WING

SPAN	88 0
ROOT CHORD (@ C/L of fuselage)	18 0
TIP CHORD	10 3/4
ROOT THICKNESS	2 11/16
TIP THICKNESS	1 1/4

STAB

SPAN	31 1/16
ROOT CHORD (@ Widest Point)	11 0
TIP CHORD (@ Elevator Counterbalance)	7 3/16
ROOT THICKNESS	1 5/16
TIP THICKNESS (1" Inboard of Tip)	1/2

COWL

DIAMETER	10 3/4
CIRCUMFERENCE (d X 3.14)	33 3/4
LENGTH MINIMUM	5 1/2
LENGTH MAXIMUM	7 1/2
TRAILING EDGE GAP (average)	1/4

SPINNER (Scale-like Shape)

DIAMETER	3 1/4
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FUSELAGE

MINIMUM LENGTH (Tip of Spinner to End of Rudder)	70 0
MAXIMUM LENGTH (Tip of Spinner to End of Rudder)	73 1/2
WIDTH (at Firewall)	10 0
WIDTH (at Trailing Edge Wing)	8 3/4
HEIGHT (From Canopy Top to Fuselage Bottom)	15 1/4
HEIGHT (From Rudder @ Hinge Line)	16 1/2

* The NA-50 was a custom-built aircraft modified from a NAA AT-6. Modifications included a larger engine and prop, clipped wing, lowered canopy with turtle-deck, retractable tail wheel and reshaped rudder. **Effective 1-1-08, Unlimiteds based on the NAA NA-50 racer will be limited to an engine with a displacement not to exceed 151cc.**