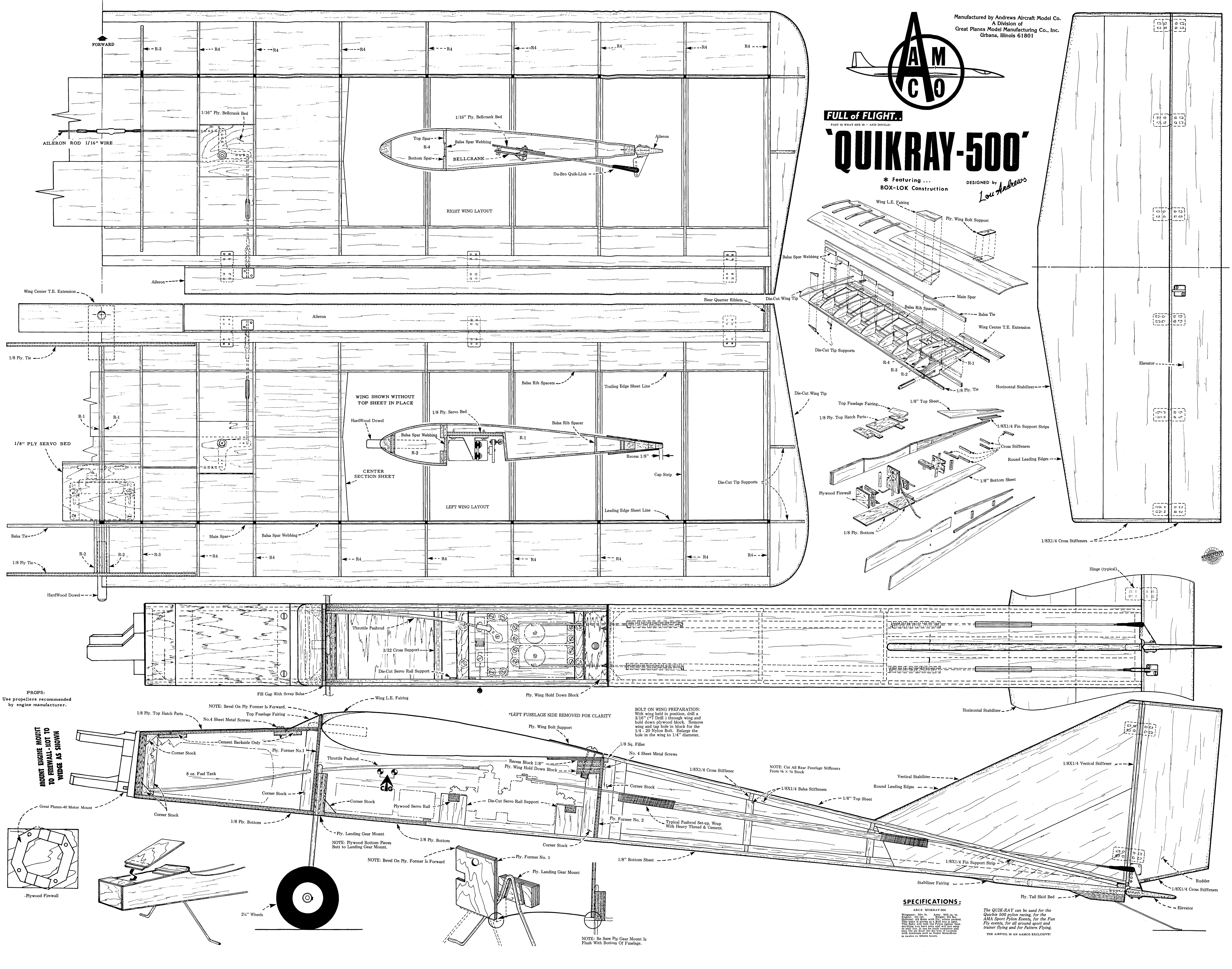

Manufactured by Andrews Aircraft Model Co.
A Division of
Great Planes Model Manufacturing Co., Inc.
Urbana, Illinois 61801
FULL of FLIGHT..
FAST IS WHAT SHE IS — AND DOCILE!
'QUIKRAY-500'
* Featuring ...
BOX-LOK Construction
DESIGNED by
Lou Andrews
FORWARD
R-3
R4
AILERON ROD 1/16" WIRE
1/16" Ply. Bellcrank Bed
Top Spar
R-4
Bottom Spar
Balsa Spar Webbing
BELLCRANK
Aileron
Du-Bro Quik-Link
RIGHT WING LAYOUT
Aileron
Wing Center T.E. Extension
Rear Quarter Riblets
Die-Cut Wing Tip
1/8 Ply. Tie
Balsa Rib Spacers
Trailing Edge Sheet Line
WING SHOWN WITHOUT
TOP SHEET IN PLACE
HardWood Dowel
1/8 Ply. Servo Bed
Balsa Spar Webbing
R-1
R-2
Balsa Rib Spacer
Recess 1/8"
Cap Strip
CENTER
SECTION SHEET
1/8" PLY SERVO BED
Die-Cut Tip Supports
LEFT WING LAYOUT
Leading Edge Sheet Line
Balsa Tie
Main Spar
1/8 Ply Tie
HardWood Dowel
Wing L.E. Fairing
Ply. Wing Bolt Support
Balsa Spar Webbing
Main Spar
Balsa Rib Spacers
Balsa Tie
Wing Center T.E. Extension
Die-Cut Tip Supports
R-4
R-3
R-2
R-1
1/8 Ply. Tie
Top Fuselage Fairing
1/8" Top Sheet
1/8 Ply. Top Hatch Parts
1/8X1/4 Fin Support Strips
Cross Stiffeners
Round Leading Edges
1/8" Bottom Sheet
Plywood Firewall
1/8 Ply. Bottom
Elevator
Horizontal Stabilizer
1/8X1/4 Cross Stiffeners
Hinge (typical)
Throttle Pushrod
3/32 Cross Support
Die-Cut Servo Rail Support
Fill Gap With Scrap Balsa
Ply. Wing Hold Down Block
Horizontal Stabilizer
PROPS:
Use propellers recommended
by engine manufacturer.
MOUNT ENGINE MOUNT
TO FIREWALL-NOT TO
WEDGE AS SHOWN
NOTE: Bevel On Ply Former Is Forward.
1/8 Ply. Top Hatch Parts
No.4 Sheet Metal Screws
Top Fuselage Fairing
Cement Backside Only
Corner Stock
Ply. Former No.1
8 oz. Fuel Tank
Corner Stock
Corner Stock
Great Planes-40 Motor Mount
Corner Stock
1/8 Ply. Bottom
Throttle Pushrod
C.G.
Plywood Servo Rail
Die-Cut Servo Rail Support
Ply. Landing Gear Mount
NOTE: Plywood Bottom Pieces
Butt to Landing Gear Mount.
1/8 Ply. Bottom
*LEFT FUSELAGE SIDE REMOVED FOR CLARITY
Ply. Wing Bolt Support
BOLT ON WING PREPARATION:
With wing held in position, drill a
3/16" (*7 Drill) through wing and
hold down plywood block. Remove
wing and tap hole in block for the
1/4 - 20 Nylon Bolt. Enlarge the
hole in the wing to 1/4" diameter.
1/8 Sq. Filler
No. 4 Sheet Metal Screws
Recess Block 1/8"
Ply. Wing Hold Down Block
1/8X1/4 Cross Stiffener
Corner Stock
NOTE: Cut All Rear Fuselage Stiffeners
From 1/8 × 1/4 Stock
1/8X1/4 Balsa Stiffeners
1/8" Top Sheet
Ply. Former No. 2
Typical Pushrod Set-up. Wrap
With Heavy Thread & Cement.
Corner Stock
1/8" Bottom Sheet
Vertical Stabilizer
Round Leading Edges
1/8X1/4 Vertical Stiffener
1/8X1/4 Fin Support Strip
Stabilizer Fairing
Ply. Tail Skid Bed
Rudder
1/8X1/4 Cross Stiffeners
Elevator
-Plywood Firewall
2¼" Wheels
NOTE: Bevel On Ply. Former Is Forward
Ply. Former No. 1
Ply. Landing Gear Mount
NOTE: Be Sure Ply. Gear Mount Is
Flush With Bottom Of Fuselage.
SPECIFICATIONS:
ARC-9 QUIKRAY-500
Wingspan: 50+ in. Area: 503 sq. in.
Engine: 19—45 Weight: 3½ lbs.
Material: All Balsa with Ply. where needed.
This baby is strong as a Bull but is light.
This Baby will turn the Pylon tighter than
anything you have seen and will not snap
or stall out. It can be built complete and
into the air from the kit box if covered
with materials such as Super MonoKote
in twelve to fifteen hours.
The QUIK-RAY can be used for the
Quickie 500 pylon racing, for the
AMA Sport Pylon Events, for the Fun
Fly events, for all around sport and
trainer flying and for Pattern Flying.
THE AIRFOIL IS AN AAMCO EXCLUSIVE!