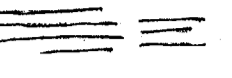



Lockheed SR-71 'Blackbird'

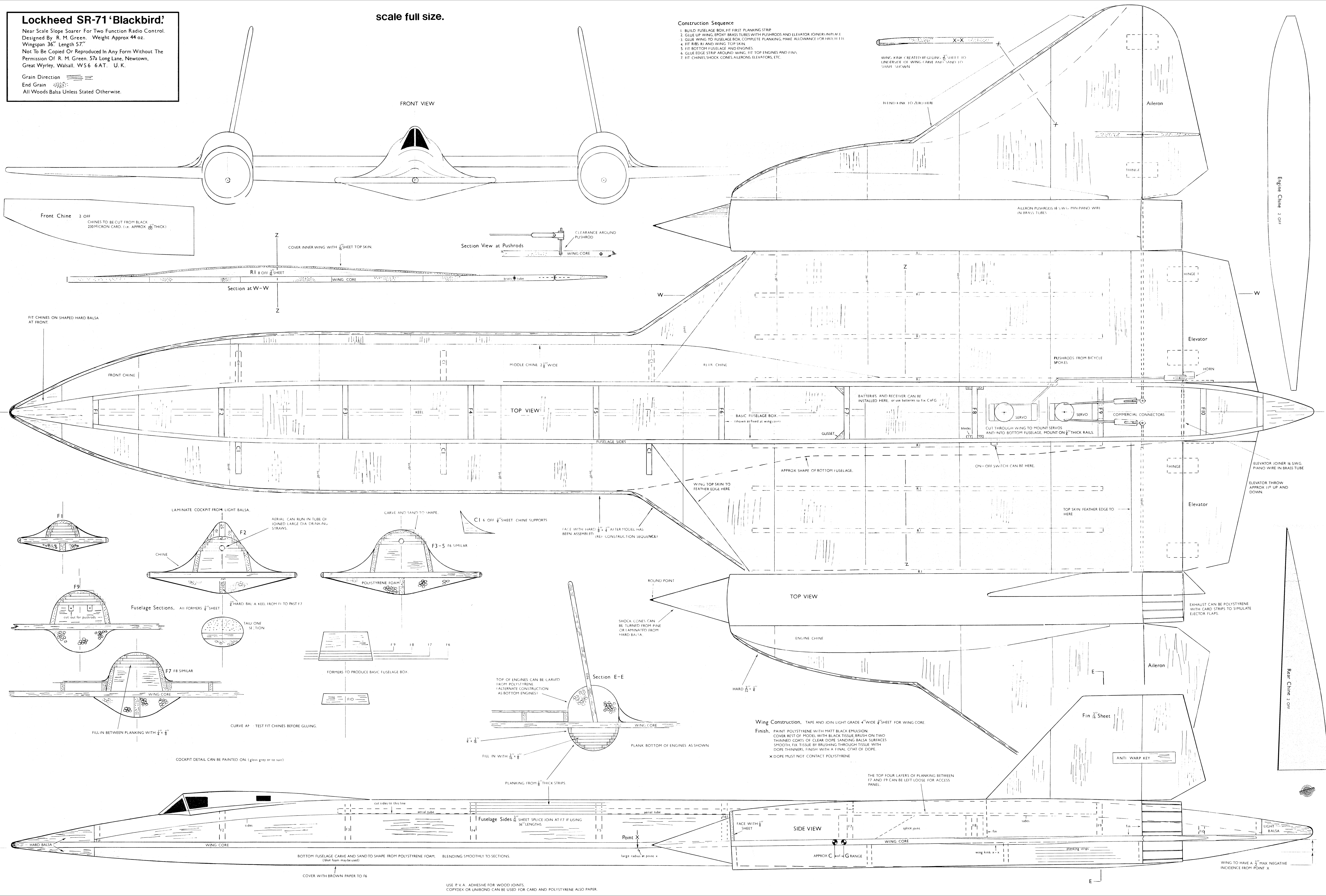
Near Scale Slope Soarer For Two Function Radio Control.
Designed By R. M. Green. Weight Approx 44 oz.
Wingspan 36" Length 57"
Not To Be Copied Or Reproduced In Any Form Without The
Permission Of R. M. Green, 57a Long Lane, Newtown,
Great Wyrley, Walsall, WS6 6AT, U.K.

Grain Direction 
End Grain 
All Woods Balsa Unless Stated Otherwise.

scale full size.

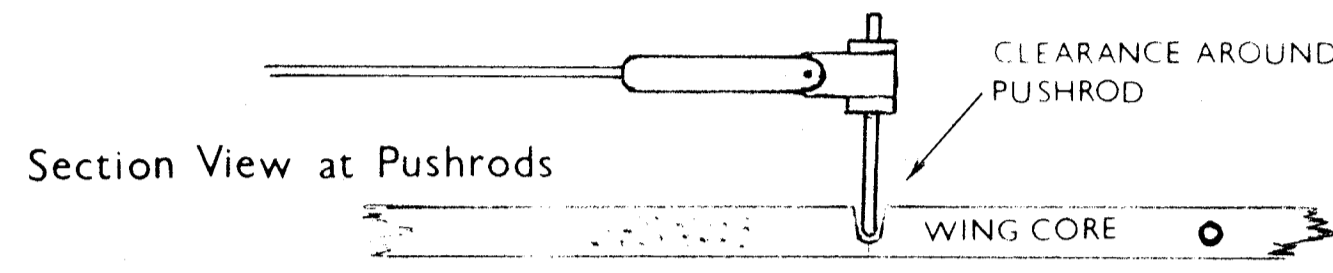
Construction Sequence

1. BUILD FUSELAGE BOX FIT FIRST PLANKING STRIP
2. GLUE UP WING, EPOXY BRASS TUBES WITH PUSHRODS AND ELEVATOR JOINERS IN PLACE
3. GLUE WING TO FUSELAGE BOX, COMPLETE PLANKING, MAKE ALLOWANCE FOR HALF HITCH
4. FIT RIBS IN AND WING TOP SKIN
5. FIT BOTTOM FUSELAGE AND ENGINES
6. GLUE EDGE STRIP AROUND WING, FIT TOP ENGINES AND FIN
7. FIT CHINES, SHOCK CONES, ALERONS, ELEVATORS, ETC.



Front Chine 2 OFF
CHINES TO BE CUT FROM BLACK
230 MICRON CARD (i.e. APPROX 0.009" THICK)

Z
COVER INNER WING WITH 1/8 SHEET TOP SKIN
R1 8 OFF 1/8 SHEET
Section at W-W
WING CORE
Z



FIT CHINES ON SHAPED HARD BALSAs
AT FRONT.

FRONT CHINE

MIDDLE CHINE 2 1/2" WIDE

REAR CHINE

TOP VIEW

FUSELAGE SIDES

BATTERIES AND RECEIVER CAN BE
INSTALLED HERE, OR USE BATTERIES TO FIX C of G

BASIC FUSELAGE BOX
(shown at fixed at wing core)

GUSSET

APPROX SHAPE OF BOTTOM FUSELAGE.

ON-OFF SWITCH CAN BE HERE.

CUT THROUGH WING TO MOUNT SERVO
AND INTO BOTTOM FUSELAGE. MOUNT ON 1/8" THICK RAILS

COMMERCIAL CONNECTORS

Elevator

ELEVATOR JOINER IS SWG
PIANO WIRE IN BRASS TUBE

ELEVATOR THROW
APPROX 110° UP AND
DOWN.

LAMINATE COCKPIT FROM LIGHT BALSAs.

AERIAL CAN RUN IN TUBE OF
JOINED LARGE DIA DRINKING
STRAWS.

CARVE AND SAND TO SHAPE.

C1 6 OFF 1/8 SHEET CHINE SUPPORTS

FACE WITH HARD 1/8" AFTER MODEL HAS
BEEN ASSEMBLED.
(REF. CONSTRUCTION SEQUENCE)

Fuselage Sections. All FORMERS 1/8 SHEET

HARD BAL A KEEL FROM F1 TO PAST F7

TAIL ONE
SECTION

F7 F8 SIMILAR

FILL IN BETWEEN PLANKING WITH 1/8"

CURVE A1 TEST FIT CHINES BEFORE GLUING.

COCKPIT DETAIL CAN BE PAINTED ON (I gloss grey or to suit)

ROUND POINT

Section E-E

TOP OF ENGINES CAN BE CARVED
FROM POLYSTYRENE
(ALTERNATE CONSTRUCTION
AS BOTTOM ENGINES)

FILL IN WITH 1/8"

PLANK BOTTOM OF ENGINES AS SHOWN

PLANKING FROM 1/8" THICK STRIPS

Wing Construction. TAPE AND JOIN LIGHT GRADE 4" WIDE 1/8 SHEET FOR WING CORE.

Finish. PAINT POLYSTYRENE WITH MATT BLACK EMISSION
COVER REST OF MODEL WITH BLACK TISSUE BRUSH ON TWO
THINNED COATS OF CLEAR DOPE SANDING BALSAs SURFACES
SMOOTH FIX TISSUE BY BRUSHING THROUGH TISSUE WITH
DOPE THINNER. FINISH WITH A FINAL COAT OF DOPE.
X DOPE MUST NOT CONTACT POLYSTYRENE

THE TOP FOUR LAYERS OF PLANKING BETWEEN
F7 AND F9 CAN BE LEFT LOOSE FOR ACCESS
PANEL.

FACE WITH 1/8" SHEET

APPROX C of G

BOTTOM FUSELAGE CARVE AND SAND TO SHAPE FROM POLYSTYRENE FOAM.
(Blue foam may be used)

BLENDING SMOOTHLY TO SECTIONS.

COVER WITH BROWN PAPER TO F6

USE P V A ADHESIVE FOR WOOD JOINTS.
COPYDEX OR UNIBOND CAN BE USED FOR CARD AND POLYSTYRENE ALSO PAPER.

WING TO HAVE A 1/4" MAX NEGATIVE
INCIDENCE FROM POINT X