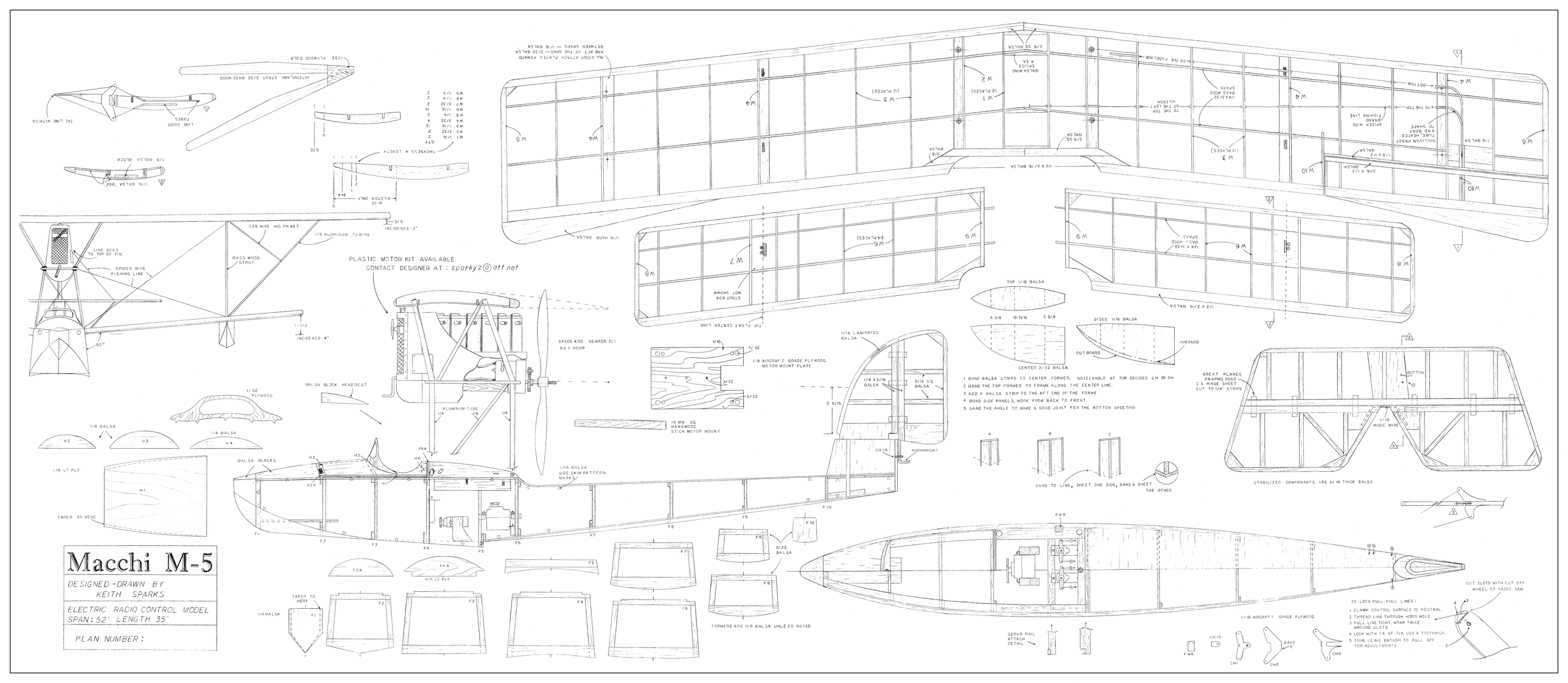
Macchi M-5
DESIGNED-DRAWN BY
KEITH SPARKS
ELECTRIC RADIO CONTROL MODEL
SPAN: 52" LENGTH 35"
PLAN NUMBER:
PLASTIC MOTOR KIT AVAILABLE
CONTACT DESIGNER AT : sparky2@att.net
SPEED 400 GEARED 3:1
9 X 7 PROP
1/8 AIRCRAFT GRADE PLYWOOD
MOTOR MOUNT PLATE
10 MM SQ
HARDWOOD
STICK MOTOR MOUNT
1/16 LAMINATED
BALSA
1/4 X3/16
BALSA
3/16 SQ
BALSA
1/16 BALSA
SIDE SKIN PATTERN
MARKS
BALSA BLOCK HEADREST
1/32
PLYWOOD
ALUMINUM TUBE
1/8 BALSA
1/4 BALSA
1/8 LT PLY
TAPER TO HERE
BALSA BLOCKS
1/8 LE PLY
TAPER TO
HERE
1/4 BALSA
FORMERS ARE 1/8 BALSA UNLESS NOTED
3/32
BALSA
SERVO RAIL
ATTACH
DETAIL
1/16 AIRCRAFT GRADE PLYWOOD
MAKE
2
CH1
CH2
CH3
CH1A
FWA
TO LOCK PULL-PULL LINES:
1 CLAMP CONTROL SURFACE TO NEUTRAL
2 THREAD LINE THROUGH HORN HOLE
3 PULL LINE TIGHT, WRAP TWICE
AROUND SLOTS.
4 LOCK WITH CA AT TIP, USE A TOOTHPICK.
5 TRIM, LEAVE ENOUGH TO PULL OFF
FOR ADJUSTMENTS
CUT SLOTS WITH CUT OFF
WHEEL OR RAZOR SAW.
STABILIZER COMPONANTS ARE 3/16 THICK BALSA
GREAT PLANES
PNGPMQ3960
CA HINGE SHEET
CUT TO 1/4" STRIPS
1/16
MUSIC WIRE
BOTTOM
SAND TO LINE, SHEET ONE SIDE, SAND & SHEET
THE OTHER
TOP 1/16 BALSA
CENTER 3/32 BALSA
SIDES 1/16 BALSA
INBOARD
OUTBOARD
1 BOND BALSA STRIPS TO CENTER FORMER. NOTE: ANGLE AT TOP DECIDES LH OR RH
2 BOND THE TOP FORMER TO FRAME ALONG THE CENTER LINE.
3 ADD A BALSA STRIP TO THE AFT END OF THE FRAME
4 BOND SIDE PANELS, WORK FROM BACK TO FRONT
5 SAND THE ANGLE TO MAKE A GOOD JOINT FOR THE BOTTOM SHEETING
TRIP FLOAT CENTER LINE
STRUT BOX
NOT SHOWN
1/16 HARD BALSA
1/2 X 3/16 BALSA
1/4 X 1/32
BASS WOOD
SPARS
1/8 X 1/2
BALSA
3/16 X 1/2
BALSA
SULLIVAN PN507
TUBE HEATED
AND BENT
TO SHAPE
SPIDER WIRE
GRAND
FISHING LINE
1/16 BALSA
BOTTOM
TO THE TOP
TO THE FUSELAGE
BALSA WING
SPLICE
4 EA
3/8 SQ BALSA
ALL STRUT ATTACH PLATES FORWARD
AND AFT OF THE SPAR — 3/32 BALSA
BETWEEN SPARS — 1/16 BALSA
INTERPLANE STRUT-3/32 BASS WOOD
1/32 PLYWOOD DOBLR
LINE GUIDE
TUBES
TAC LINE WITH CA
1/8 BALSA BLOCK
1/16 BALSA BOX
THICKNESS + LENGTH
W-10
ALIERON ONLY
INCIDENCE-2°
INCIDENCE-4°
1/8 ALUMINUM TUBING
.039 WIRE HKS PN497
LINE GOES
TO TOP OF FIN
SPIDER WIRE
FISHING LINE
BASS WOOD
STRUT
90°
1-1/2
F1
F2
F3
F4
F5
F6
F7
F8
F9
F10
F2A
F4A
H1
H2
H3
H4
CH-1A
CH-1