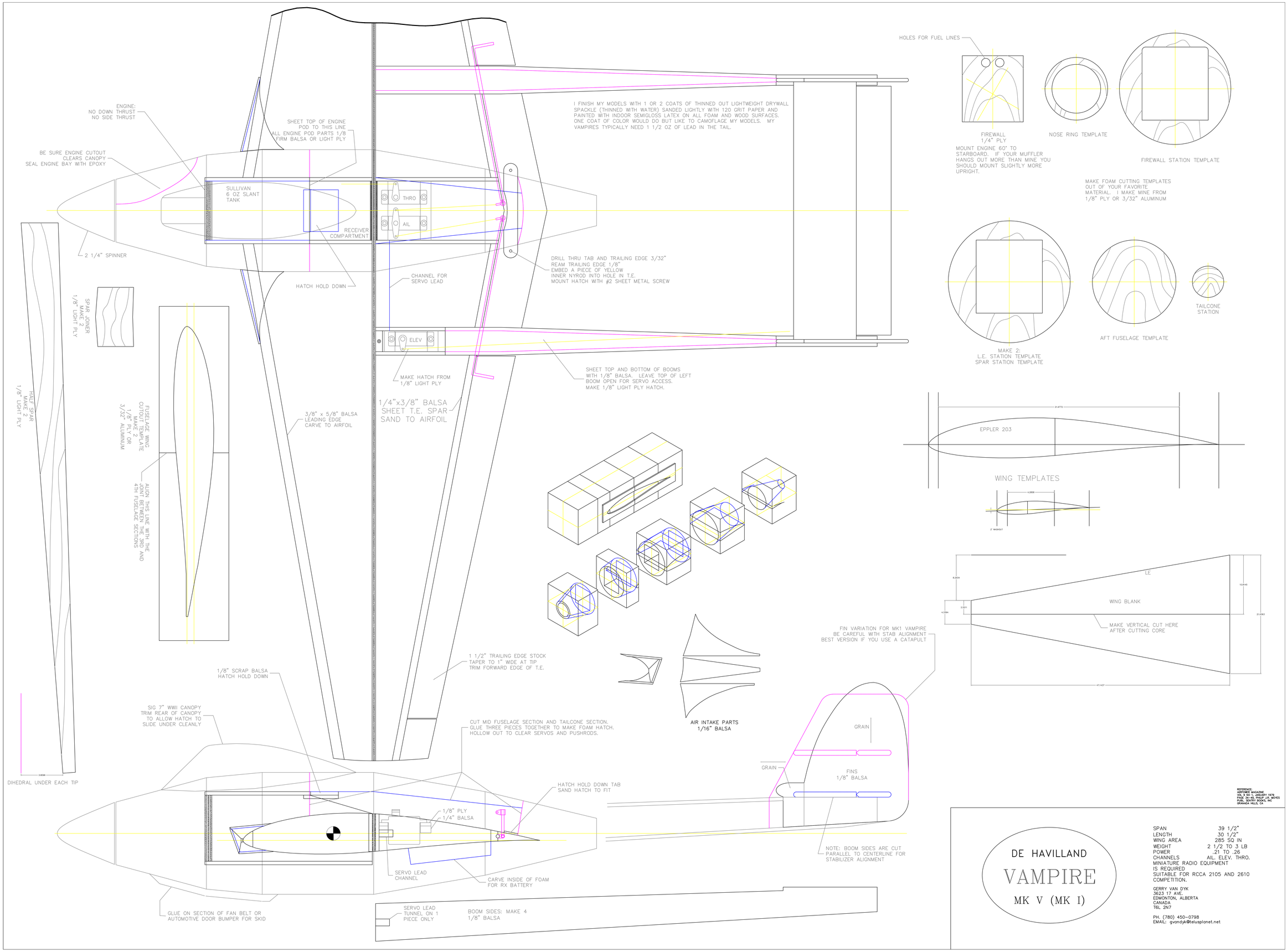
ENGINE:
NO DOWN THRUST
NO SIDE THRUST
BE SURE ENGINE CUTOUT CLEARS CANOPY
SEAL ENGINE BAY WITH EPOXY
SHEET TOP OF ENGINE POD TO THIS LINE
ALL ENGINE POD PARTS 1/8 FIRM BALSA OR LIGHT PLY
SULLIVAN 6 OZ SLANT TANK
THRO
AIL
RECEIVER COMPARTMENT
2 1/4" SPINNER
HATCH HOLD DOWN
CHANNEL FOR SERVO LEAD
I FINISH MY MODELS WITH 1 OR 2 COATS OF THINNED OUT LIGHTWEIGHT DRYWALL SPACKLE (THINNED WITH WATER) SANDED LIGHTLY WITH 120 GRIT PAPER AND PAINTED WITH INDOOR SEMIGLOSS LATEX ON ALL FOAM AND WOOD SURFACES. ONE COAT OF COLOR WOULD DO BUT LIKE TO CAMOFLAGE MY MODELS. MY VAMPIRES TYPICALLY NEED 1 1/2 OZ OF LEAD IN THE TAIL.
DRILL THRU TAB AND TRAILING EDGE 3/32"
REAM TRAILING EDGE 1/8"
EMBED A PIECE OF YELLOW INNER NYROD INTO HOLE IN T.E.
MOUNT HATCH WITH #2 SHEET METAL SCREW
ELEV
MAKE HATCH FROM 1/8" LIGHT PLY
SHEET TOP AND BOTTOM OF BOOMS WITH 1/8" BALSA. LEAVE TOP OF LEFT BOOM OPEN FOR SERVO ACCESS. MAKE 1/8" LIGHT PLY HATCH.
1/4"x3/8" BALSA SHEET T.E. SPAR SAND TO AIRFOIL
3/8" x 5/8" BALSA LEADING EDGE CARVE TO AIRFOIL
SPAR JOINER MAKE 2 1/8" LIGHT PLY
HALF SPAR MAKE 2 1/8" LIGHT PLY
FUSELAGE WING CUTOUT TEMPLATE MAKE 2 1/8" PLY OR 3/32" ALUMINUM
ALIGN THIS LINE WITH THE JOINT BETWEEN THE 3RD AND 4TH FUSELAGE SECTIONS
HOLES FOR FUEL LINES
FIREWALL 1/4" PLY
MOUNT ENGINE 60° TO STARBOARD. IF YOUR MUFFLER HANGS OUT MORE THAN MINE YOU SHOULD MOUNT SLIGHTLY MORE UPRIGHT.
NOSE RING TEMPLATE
FIREWALL STATION TEMPLATE
MAKE FOAM CUTTING TEMPLATES OUT OF YOUR FAVORITE MATERIAL. I MAKE MINE FROM 1/8" PLY OR 3/32" ALUMINUM
MAKE 2:
L.E. STATION TEMPLATE
SPAR STATION TEMPLATE
AFT FUSELAGE TEMPLATE
TAILCONE STATION
EPPLER 203
WING TEMPLATES
2° WASHOUT
LE
WING BLANK
MAKE VERTICAL CUT HERE AFTER CUTTING CORE
AIR INTAKE PARTS
1/16" BALSA
1 1/2" TRAILING EDGE STOCK
TAPER TO 1" WIDE AT TIP
TRIM FORWARD EDGE OF T.E.
FIN VARIATION FOR MK1 VAMPIRE
BE CAREFUL WITH STAB ALIGNMENT
BEST VERSION IF YOU USE A CATAPULT
GRAIN
FINS
1/8" BALSA
1/8" SCRAP BALSA HATCH HOLD DOWN
SIG 7" WWII CANOPY
TRIM REAR OF CANOPY TO ALLOW HATCH TO SLIDE UNDER CLEANLY
CUT MID FUSELAGE SECTION AND TAILCONE SECTION. GLUE THREE PIECES TOGETHER TO MAKE FOAM HATCH. HOLLOW OUT TO CLEAR SERVOS AND PUSHRODS.
DIHEDRAL UNDER EACH TIP
HATCH HOLD DOWN TAB
SAND HATCH TO FIT
1/8" PLY
1/4" BALSA
SERVO LEAD CHANNEL
CARVE INSIDE OF FOAM FOR RX BATTERY
NOTE: BOOM SIDES ARE CUT PARALLEL TO CENTERLINE FOR STABILIZER ALIGNMENT
GLUE ON SECTION OF FAN BELT OR AUTOMOTIVE DOOR BUMPER FOR SKID
SERVO LEAD TUNNEL ON 1 PIECE ONLY
BOOM SIDES: MAKE 4
1/8" BALSA
REFERENCE:
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PUBL. SENTRY GROUPS, INC
GRANADA HILLS, CA
DE HAVILLAND
VAMPIRE
MK V (MK I)
SPAN 39 1/2"
LENGTH 30 1/2"
WING AREA 285 SQ IN
WEIGHT 2 1/2 TO 3 LB
POWER .21 TO .26
CHANNELS AIL. ELEV. THRO.
MINIATURE RADIO EQUIPMENT IS REQUIRED
SUITABLE FOR RCCA 2105 AND 2610 COMPETITION.
GERRY VAN DYK
3623 17 AVE.
EDMONTON, ALBERTA
CANADA
T6L 2N7
PH. (780) 450-0798
EMAIL: gvandyk@telusplanet.net