

**FREE FLIGHT FLYING TRUE SCALE MODEL  
LOCKHEED P-38J LIGHTNING**

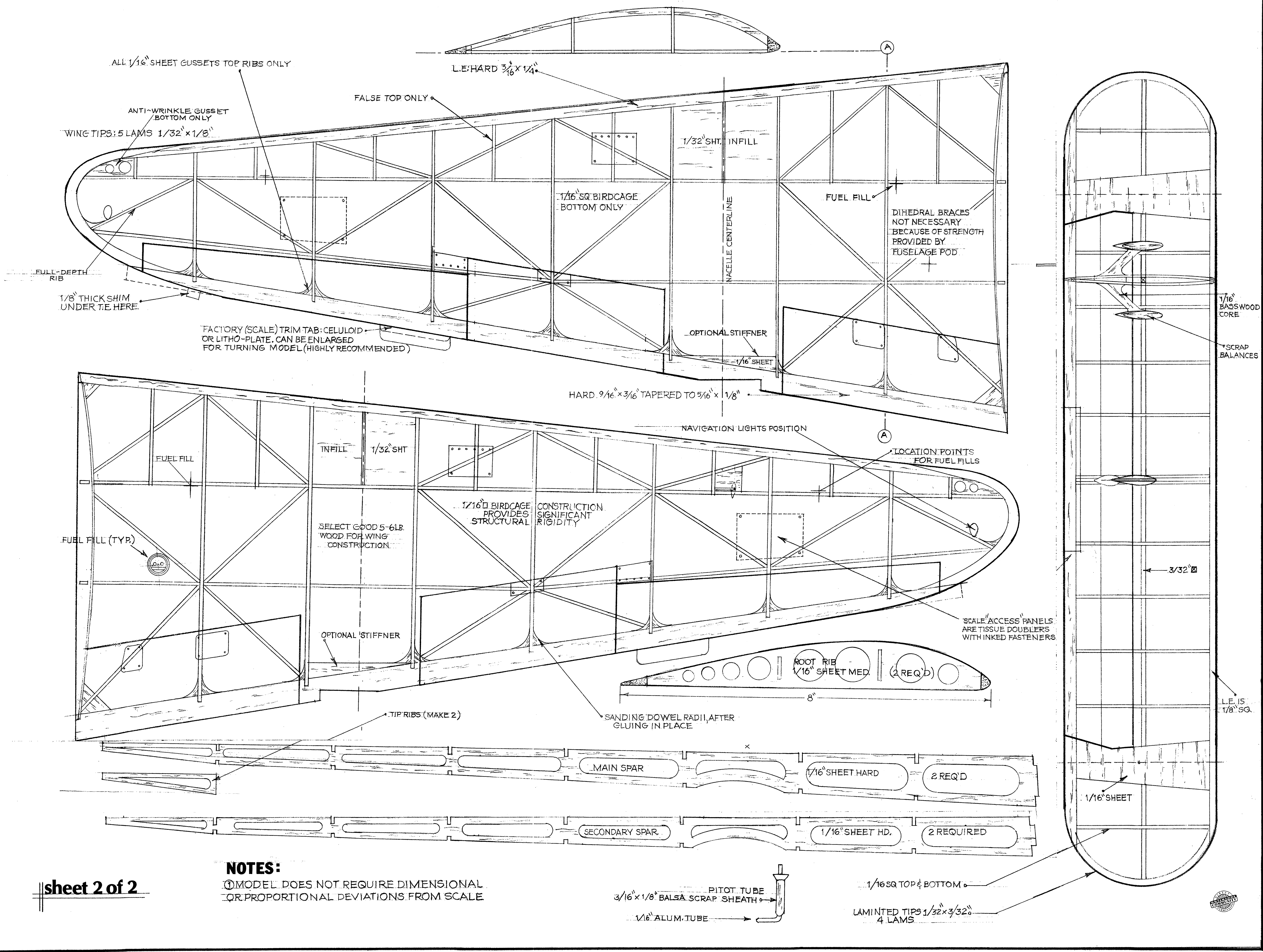
**rubber power twin for FAC**

**scale: 3/4" = 1'0" ~ 1/16 scale plans**

**wing area: 210 sq. wingspan: 40"**

**designed, drawn by D.Horn**





ALL 1/16" SHEET GUSSETS TOP RIBS ONLY

L.E. HARD 3/16" x 1/4"

FALSE TOP ONLY

ANTI-WRINKLE GUSSET  
BOTTOM ONLY

WING TIPS: 5 LAMS 1/32" x 1/8"

1/32" SHT. INFILL

1/16" SQ. BIRDCAGE  
BOTTOM ONLY

FUEL FILL

DIHEDRAL BRACES  
NOT NECESSARY  
BECAUSE OF STRENGTH  
PROVIDED BY  
FUSELAGE POD

FULL-DEPTH  
RIB

1/8" THICK SHIM  
UNDER T.E. HERE

FACTORY (SCALE) TRIM TAB: CELULOID  
OR LITHO-PLATE. CAN BE ENLARGED  
FOR TURNING MODEL (HIGHLY RECOMMENDED)

OPTIONAL STIFFNER

1/16" SHEET

HARD 9/16" x 3/16" TAPERED TO 5/16" x 1/8"

NAVIGATION LIGHTS POSITION

LOCATION POINTS  
FOR FUEL FILLS

FUEL FILL

INFILL 1/32" SHT

1/16" BIRDCAGE  
CONSTRUCTION.  
PROVIDES  
SIGNIFICANT  
RIGIDITY

FUEL FILL (TYP.)

SELECT GOOD 5-6LB.  
WOOD FOR WING  
CONSTRUCTION

OPTIONAL STIFFNER

SCALE ACCESS PANELS  
ARE TISSUE DOUBLERS  
WITH INKED FASTENERS

ROOT RIB  
1/16" SHEET MED. (2 REQ'D)

SANDING DOWEL RADI, AFTER  
GLUING IN PLACE

TIP RIBS (MAKE 2)

MAIN SPAR

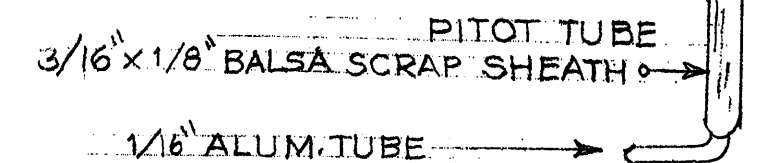
1/16" SHEET HARD 2 REQ'D

SECONDARY SPAR

1/16" SHEET HD. 2 REQUIRED

**NOTES:**

① MODEL DOES NOT REQUIRE DIMENSIONAL  
OR PROPORTIONAL DEVIATIONS FROM SCALE



1/16 SQ TOP & BOTTOM

LAMINATED TIPS 1/32 x 3/32  
4 LAMS

