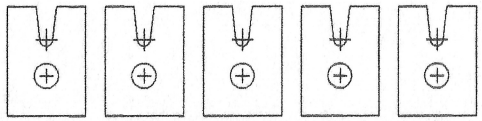
CLAY BALLAST

WRAP WITH THREAD AND APPLY GLUE.

"SMALL" ROTARY DAMPER FROM HOBBY SPECIALTIES.

D.T. ARM ASSY

APPLY YELLOW WOODWORKER'S GLUE TO GAPS BETWEEN D.T. ARM AND ROTARY DAMPER SHAFT.



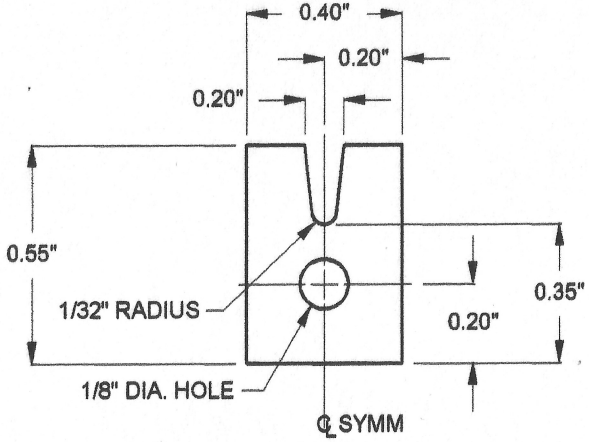
FULL SIZE PATTERNS FOR D.T. ARM - UPPER FLANGE

USING A SMALL RAT-TAIL FILE, INCREASE HOLE SIZE AS REQUIRED TO OBTAIN A SNUG FIT ON ROTARY DAMPER SHAFT.

WRAP WITH THREAD AND APPLY GLUE

PIVOT BEARING: 0.09"/0.10" O.D. BY 0.20" LONG STYRENE PLASTIC TUBE. SAND FLAT WHERE IT IS BONDED TO FUSELAGE.

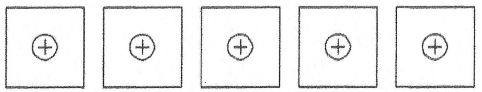
NOTE: THIS DRAWING SHOWS THE INSTALLATION OF A DETHERMALIZER SYSTEM ON THE FLIP GLIDER, BUT IT CAN BE INSTALLED ON ANY SMALL CHUCK GLIDER OR CATAPULT GLIDER HAVING WINGSPANS OF 12" TO 16".



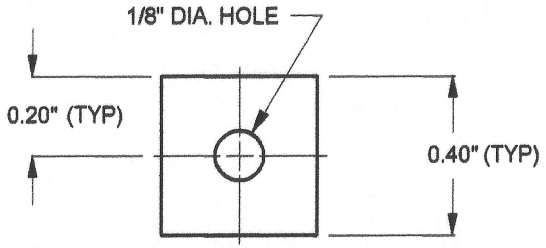
D.T. ARM - UPPER FLANGE

MAKE FROM 0.030" THK. STYRENE PLASTIC

SCALE: 2/1



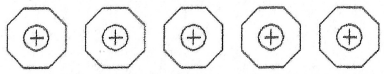
FULL SIZE PATTERNS FOR D.T. ARM - LOWER FLANGE



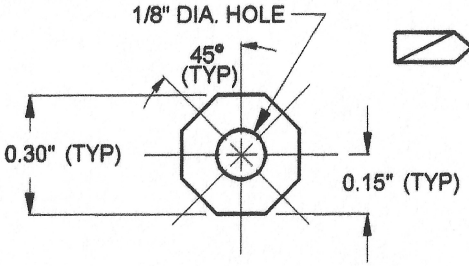
D.T. ARM - LOWER FLANGE

MAKE FROM 0.030" THK. STYRENE PLASTIC

SCALE: 2/1



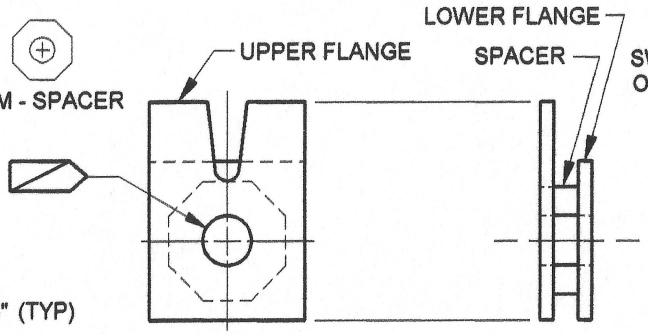
FULL SIZE PATTERNS FOR D.T. ARM - SPACER



D.T. ARM - SPACER

MAKE FROM 0.060" THK. STYRENE PLASTIC

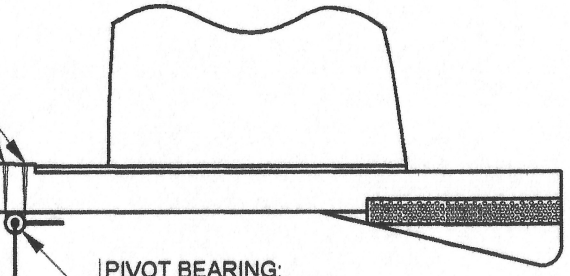
SCALE: 2/1



D.T. ARM ASSY

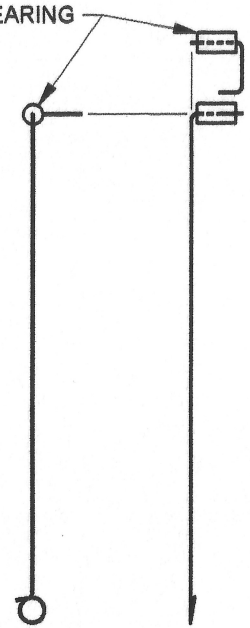
GLUE UPPER FLANGE, SPACER AND LOWER FLANGE TOGETHER USING 1/8" DRILL BIT TO ALIGN PARTS.

SCALE: 2/1



D.T. WIRE ASSY

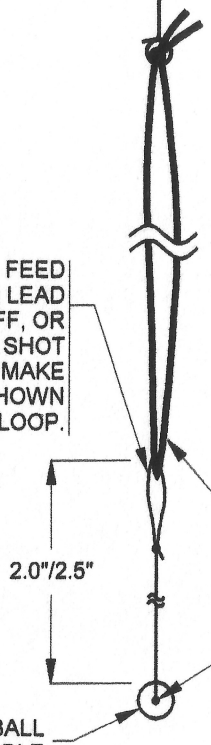
PIVOT BEARING



D.T. WIRE ASSY

BEND FROM 0.015" DIAMETER MUSIC WIRE.

NYLON THREAD: FEED THROUGH HOLE IN LEAD BALL AND TIE OFF, OR SWAGE ROUND SPLIT SHOT ONTO THREAD, THEN MAKE SMALL LOOP AS SHOWN FOR THE RUBBER LOOP.



5" LOOP OF 0.020" TO 0.040" WIDE TAN SUPER SPORT RUBBER.

0.025" DIA. HOLE THRU LEAD BALL.

0.18"/0.20" DIA. LEAD BALL OR NON-REMOVEABLE ROUND SPLIT SHOT.

VERSION B

THE FLIP D.T. SYSTEM

CAD DWG: D. HIGGINS 10/22/2020

SCALE: FULL & NOTED PG. 1 OF 1