

# MAKING HOOD LOUVERS

*From the January 2009 issue of Scale Staffer, Gerald Sullivan, Editor*

This tip came by way of FAC News, 015. Have a look guys:

Here is a way to make some honest-to-gosh louvers for the engine cowl of that Fokker D VII or Arrow Sport you're building. Cut your cowl panel of heavy paper to correct size and shape and locate louvers by making a pin hole in each end. Now cut a slit through from hole to hole (the length of the louver). Next, place a stiff straight edge in front of the slit a distance from the slot that is the width of the louver. Work the end of a scribe into the slot and slowly move it back and forth thereby forming the louver. After the louvers are all made, give the back of the panel a couple coats of dope to stiffen the louvers so they will not be crushed when the model is picked up by the nose.

Tan Super Sport – August 2006 batch

**Lube Test** – ten feet of 1/8" - four strand motor (29") stretched to 75"

Test #1

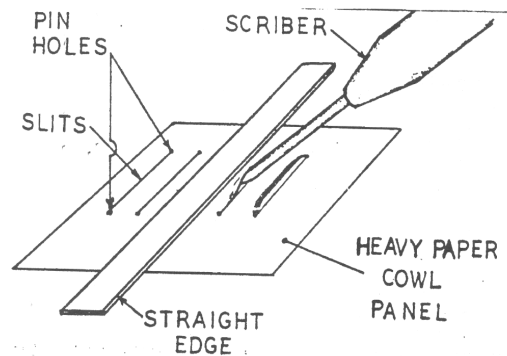
Lube	Motor Weight (gr.)	Wgt. W/ Lube	Turns to Break
Armor All	9.9	9.9	1800
Son of a Gun	10.0	10.0	1820
Dow Corning 33	10.0	10.2	1960

Test #2

Lube	Motor Weight (gr.)	Wgt. W/ Lube	Turns to Break
Armor All	9.8	9.8	1820
Son of a Gun	9.8	9.8	1790
Dow Corning 33	9.6	9.9	1940

Test #3

Lube	Motor Weight (gr.)	Wgt. W/ Lube	Turns to Break
Armor All	10.0	10.0	1840
Son of a Gun	10.2	10.2	1810
Dow Corning 33	10.1	10.4	1990



## Number of Strands Test

1/8" motor 180 inches in 8 strands; 1/4" motor 90 inches in 4 strands  
Each motor about 25" stretched to 72"; Son of a Gun lube

Test #1

Motor Size	Motor Weight Lubed (grams)	Torque Meter Reading at Turns				Turns to break
		250	500	750	1000	
1/8"	14.8	3	4	9	15	1081
1/4"	14.6	3	4	9	15	1045

Test #2

Motor Size	Motor Weight Lubed (grams)	Torque Meter Reading at Turns				Turns to break
		250	500	750	1000	
1/8"	14.8	3	4	9	15	1057
1/4"	14.5	3	4	9	-	1000

Test #3

Motor Size	Motor Weight Lubed (grams)	Torque Meter Reading at Turns				Turns to break
		250	500	750	1000	
1/8"	14.4	3	4	9	15	1091
1/4"	14.3	3	4	9	15	1008