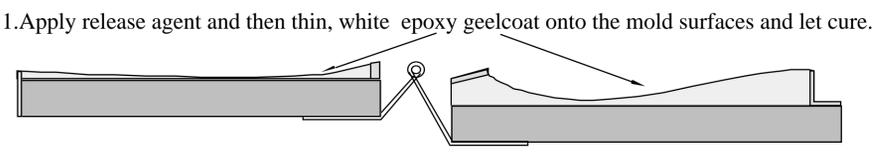
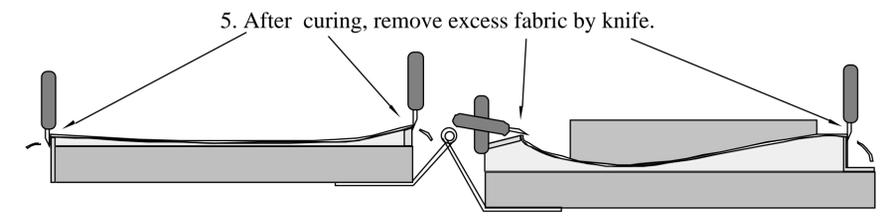
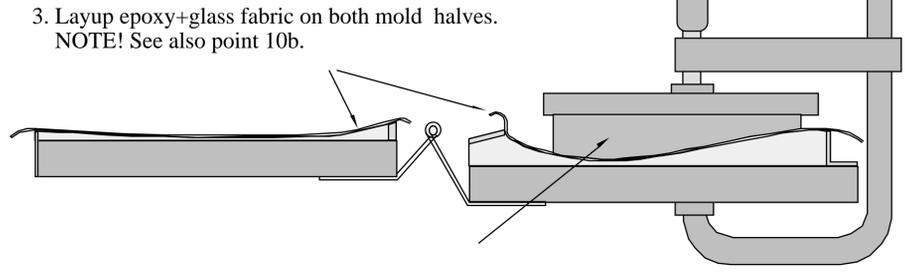
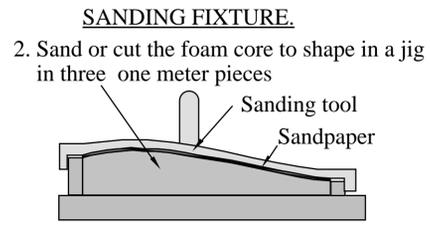
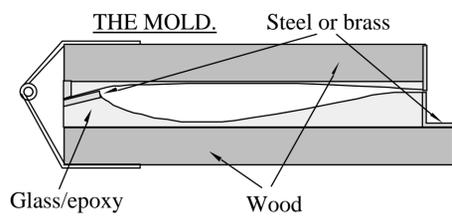
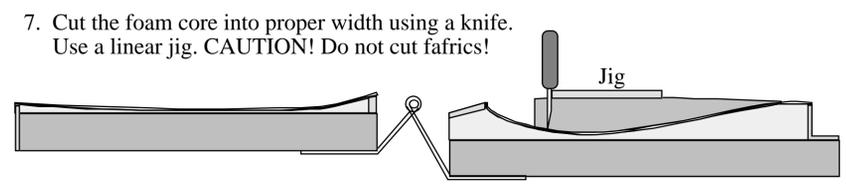
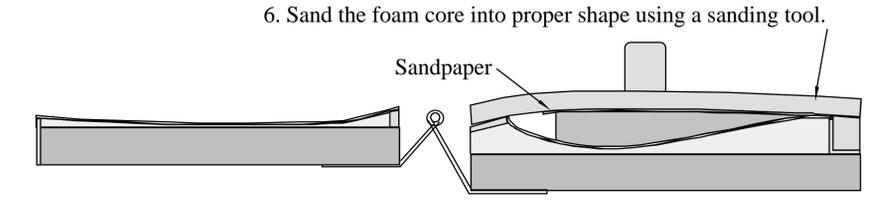


ROTOR BLADE PRODUCTION PROCESS.

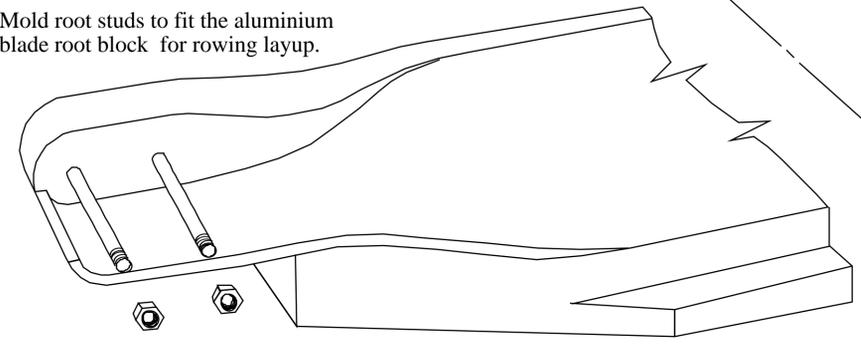
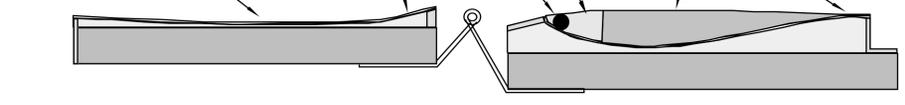


4. Press the foam on the wet fabric for bonding

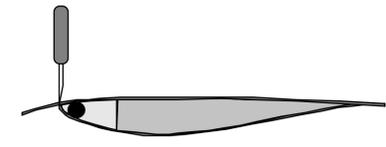
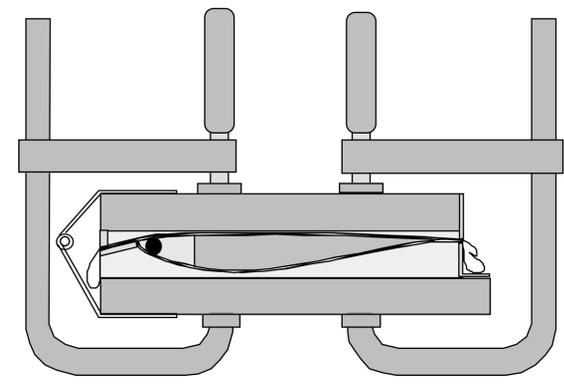
8. Layup the unidirectional rowing onto the leading and trailing edges of the blade.
9. Add the lead weights into the still wet epoxy/unidirectional laminate.
10. Add a layer of epoxy+micro balloons onto all surfaces.



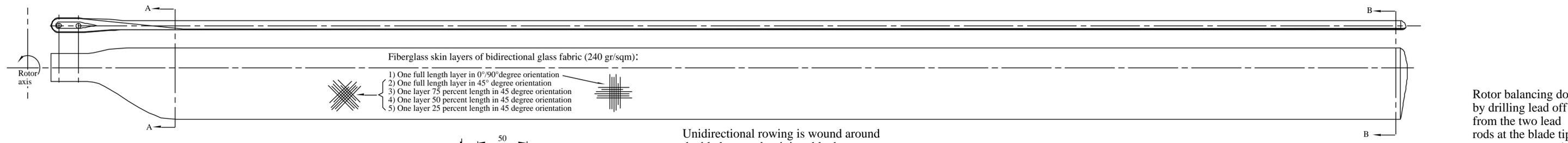
10b. Optional! You can layup the epoxy/fabric on this side at this point instead of point 3. It will result in a better bond.



11. Close and press the mold halves together. The excess epoxy will flow out.

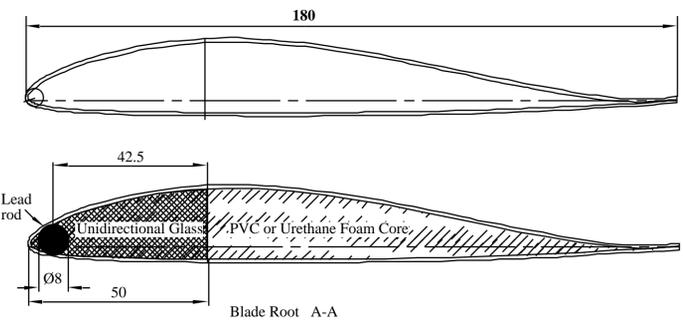


13. Postcure the finished rotor blade in a sturdy jig at an even temperature of 70 degrees Celcius (maximum).

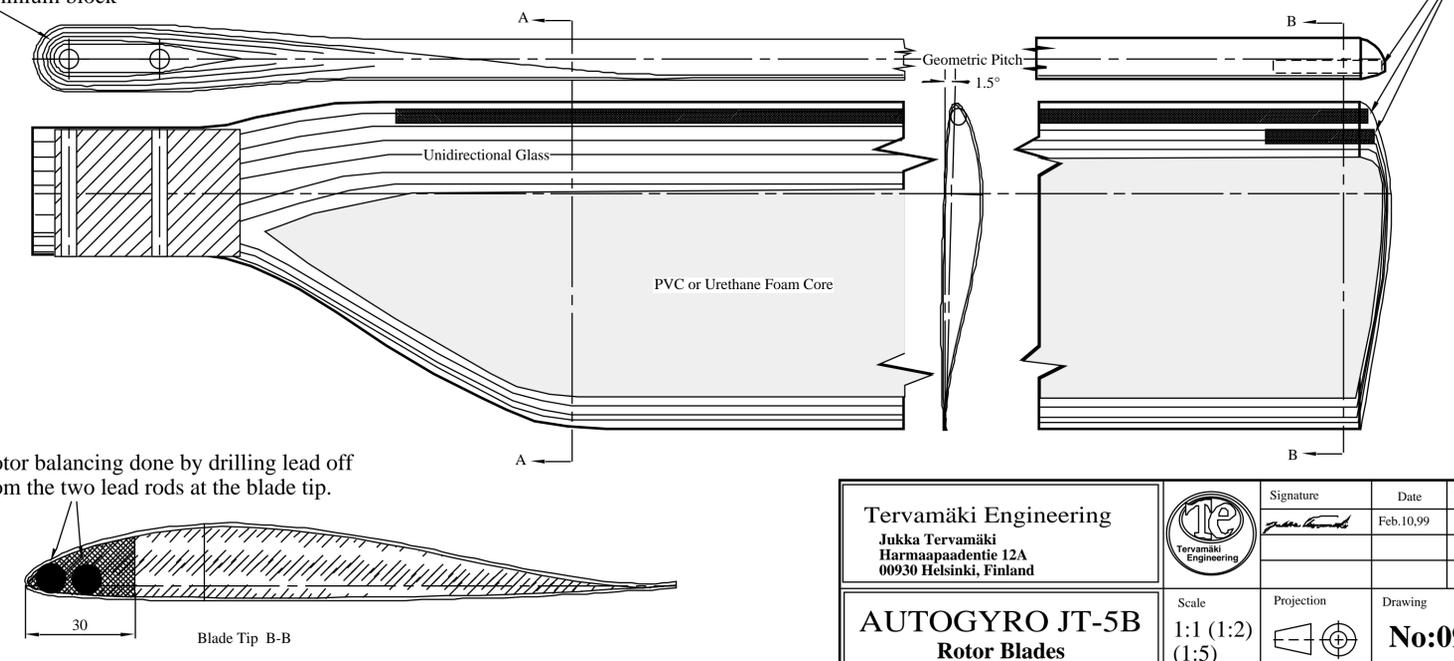


Upper Surface (percent)		Lower Surface (percent)	
x	y	x	y
.147	1.229	.853	-.819
.358	1.520	1.142	-.946
.804	2.006	1.696	-1.128
1.980	2.941	3.020	-1.415
4.424	4.312	5.576	-1.736
6.914	5.380	8.086	-1.920
9.427	6.263	10.573	-2.059
14.497	7.626	15.503	-2.242
19.607	8.605	20.393	-2.351
24.754	9.243	25.246	-2.417
29.969	9.533	30.031	-2.455
35.174	9.432	34.826	-2.490
40.292	9.030	39.708	-2.494
45.360	8.420	44.640	-2.476
50.390	7.666	49.610	-2.436
55.387	6.795	54.613	-2.377
60.358	5.846	59.642	-2.290
65.311	4.850	64.689	-2.178
70.250	3.838	69.750	-2.034
75.184	2.838	74.816	-1.860
80.118	1.895	79.882	-1.645
85.060	1.046	84.940	-1.384
90.016	.343	89.984	-1.051
94.995	-.119	95.005	-.629
100.00	0	100.00	0

NACA 8-H-12



Unidirectional rowing is wound around the blade root aluminium block



Tervamäki Engineering Jukka Tervamäki Harmaapaadentie 12A 00930 Helsinki, Finland		Signature	Date	Version
			Feb.10.99	02
AUTOGYRO JT-5B Rotor Blades	Scale 1:1 (1:2) (1:5)	Projection 	Drawing No:09	

