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29-Jan-2012	Micro-D weights	Robert Maynard Rhyu	
Measured on Torsion Balance Co. laboratory balance, accurate to 0.01 gram.			
Excludes adhesives (hot glue, CA, etc.)			
		grams	ounces
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PROVIDED			

wing, blue core Depron, LH		3.03	0.107
wing, blue core Depron, RH		2.95	0.104
pod, blue core Depron		0.69	0.024
1/32" elevator (complete) stab, control surface, horn, hinge tape approx 4" x 3/4"		0.795	0.028
1/32" rudder (complete) stab, control surface, horn, hinge tape approx 3-7/8" x 3/4"		0.50	0.018
pylon, horizontal stab, 5/8" x 1/4" x 1/16"		0.08	0.003
boom, 0.12" x 18.03"		3.31	0.117
control rod, long 0.04" x 18.94"		0.63	0.022
control rod, short 0.04" x 17.09"		0.58	0.020
guide tube, alloy, two (2) total		0.08	0.003
control wire, steel, four (4) total		0.09	0.003
heat shrink tubing, four (4) total		0.09	0.003
battery, LiPo, 1S 0.14 mAH		3.56	0.126
double-sided tape, 3M approx. 3/4" x 1" (rcvr)		0.25	0.009
SUBTOTAL		16.50	0.583
USER SUPPLIED			

strapping tape, 3/4" x 21" (spans wing)		1.38	0.049
strapping tape, 3/4" x 6" (wing joint reinforce.)		0.40	0.014
strapping tape, 3/4" x 1-1/2" (pod to boom joint)		0.10	0.004
strapping tape, 3/4" x 1-1/2" (battery retention)		0.10	0.004
Spektrum AR6400 receiver (published spec)		3.96	0.140
TOTALS		22.44	0.793

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UPDATED

1/16" horizontal stab (elevator)	0.53	0.019
control surface	0.38	0.013
hinge tape, 1/2" x 4"	0.06	0.002
control horn	0.015	0.0005
1/16" vertical stab (rudder)	0.75	0.027
control surface	0.39	0.014
hinge tape, 1/2" x 4"	0.06	0.002
control horn	0.015	0.0005
new pylon, (1/4" x 1/2" x 5/8" balsa, sanded to old pylon dimensions)	0.07	0.002
UPDATED TOTAL	23.34	0.825
removed 1/32" stabs and old pylon, added 1/16" stabs and new pylon.		
DIFFERENCE	0.90	0.032
	+4 %	+4 %