

	Materials List							
		Required	unit	Desc	Cost	Supplier	Total	Grand Total
Epoxy	5 min epoxy	1	qt	System 3 quick Cure	\$52.80	ACS	\$52.80	\$15,216.18
	epoxy	15	gal	Aeropoxy	\$149.95	ACS	\$2,249.25	
Foam	Urethane	3	sheet	1" x 24 x 48	\$22.50	ACS	\$67.50	
	Urethane	4	sheet	2" x 24 x 48	\$43.50	ACS	\$174.00	
	Styrofoam	5	blocks	8" x 16 x 42	\$98.75	ACS	\$493.75	
	Styrofoam	10	blocks	8" x 16 x 67	\$154.95	ACS	\$1,549.50	
	Divinicell (pvc)		sheet	H-250		Diab	\$0.00	
	Divinicell (pvc)	1	sheet	H-100 1" x 6 x 10	\$11.65	ACS	\$11.65	
	Divinicell (pvc)	2	sheet	H-100 1/4x 42.1 x 42.	\$79.50	ACS	\$159.00	
	Divinicell (pvc)	8	sheet	H-45 3/8 x 32 x 48	\$41.75	ACS	\$334.00	
	Divinicell (pvc)	5	sheet	H-45 3/4 x 32 x 48	\$68.75	ACS	\$343.75	
FG	Divinicell (pvc)		sheet	H-45		ACS	\$0.00	
	Uni Tape	120	yds	Part# 01-06800	\$2.95	ACS	\$354.00	
	Uni Cloth	150	yds	Part# 01-00641	\$9.65	ACS	\$1,447.50	
	Bid Cloth	90	yds	Part# 01-00642	\$8.80	ACS	\$792.00	
Filler	Flocked Cotton	2	lbs	Part# 01-14800	\$4.45	ACS	\$8.90	
	Micro Baloons	2	lbs	Part# 01-14600	\$9.25	ACS	\$18.50	
wood	spruce	9	ft	02-341	\$2.50	ACS	\$22.50	
	spruce	5	ft	02-14800	\$1.62	ACS	\$8.10	
	spruce	2	ft	02-18200	\$2.05	ACS	\$4.10	
	spruce	9	ft	02-18201	\$2.05	ACS	\$18.45	
	spruce	12	ft	02-11	\$4.00	ACS	\$48.00	
	Plywood	1	sheet	02-24730	\$71.75	ACS	\$71.75	
Aluminum	90° angle	2	ft	03-48500	\$5.40	ACS	\$10.80	
	90° angle	5	ft	03-47300	\$4.95	ACS	\$24.75	
	90° angle	0.5	ft	03-47600	\$7.50	ACS	\$3.75	
	Rect Bar	5	ft	03-42900	\$6.50	ACS	\$32.50	
	Rect Bar	2.5	ft	03-43700	\$8.50	ACS	\$21.25	
Sheet Metal	Stainless Steel	1	Sheet	03-31200-3	\$59.95	ACS	\$59.95	
	2024T3	1	Sheet	03-27710	\$146.95	ACS	\$146.95	
	6061-0	1	Sheet	03-30410	\$176.75	ACS	\$176.75	
	2024T3	1	Sheet	03-27960	\$13.50	ACS	\$13.50	
	2024T3	1	Sheet	03-28060	\$17.50	ACS	\$17.50	
	6061 T6	1	Sheet	03-29960	\$14.50	ACS	\$14.50	
	2024T3	1	Sheet	03-00036	\$6.85	ACS	\$6.85	
Metal Tubing/Rod	6061T6	12	ft	03-37200	\$4.35	ACS	\$52.20	

	6061T6	1 ft	03-36600	\$2.74	ACS	\$2.74	
	6061T6	18 ft	03-36300	\$3.40	ACS	\$61.20	
	2024T3	12 ft	03-32500	\$5.60	ACS	\$67.20	
	1100-0	26 ft	03-40600	\$30.40	ACS	\$790.40	
	1100-0	14 ft	03-40400	\$18.80	ACS	\$263.20	
	4130 N	3 ft	03-03700	\$4.80	ACS	\$14.40	
	Cold Rolled	12 ft	03-20500	\$1.36	ACS	\$16.32	
	Steel Piano Wire	ft			ACS	\$0.00	
Airframe Bolts 3/16	AN3-4A	2 ea	AN3-4A	\$0.13	ACS	\$0.26	
	AN3-5A	14 ea	AN3-5A	\$0.11	ACS	\$1.54	
	AN3-6A	18 ea	AN3-6A	\$0.12	ACS	\$2.16	
	AN3-7A	25 ea	AN3-7A	\$0.16	ACS	\$4.00	
	AN3-10A	5 ea	AN3-10A	\$0.18	ACS	\$0.90	
	AM3-11	16 ea	AM3-11	\$0.21	ACS	\$3.36	
	AN3-12A	1 ea	AN3-12A	\$0.19	ACS	\$0.19	
	AN3-13A	6 ea	AN3-13A	\$0.19	ACS	\$1.14	
	AN3-15A	2 ea	AN3-15A	\$0.28	ACS	\$0.56	
	AN3-16A	2 ea	AN3-16A	\$0.27	ACS	\$0.54	
	AN3-20A	2 ea	AN3-20A	\$0.31	ACS	\$0.62	
	AN3-6	1 ea	AN3-6	\$0.87	ACS	\$0.87	
	AN3-7	1 ea	AN3-7	\$0.71	ACS	\$0.71	
Airframe bolts 1/4	AN4-5A	9 ea	AN4-5A	\$0.22	ACS	\$1.98	
	AN4-7A	6 ea	AN4-7A	\$0.21	ACS	\$1.26	
	AN4-10A	7 ea	AN4-10A	\$0.23	ACS	\$1.61	
	AN4-11A	2 ea	AN4-11A	\$0.28	ACS	\$0.56	
	AN4-13A	2 ea	AN4-13A	\$0.28	ACS	\$0.56	
	AN4-15A	9 ea	AN4-15A	\$0.43	ACS	\$3.87	
	AN4-16A	26 ea	AN4-16A	\$0.40	ACS	\$10.40	
	AN4-17A	3 ea	AN4-17A	\$0.42	ACS	\$1.26	
	AN4-22A	8 ea	AN4-22A	\$0.61	ACS	\$4.88	
	AN4-24A	1 ea	AN4-24A	\$0.72	ACS	\$0.72	
	AN4-26A	1 ea	AN4-26A	\$0.58	ACS	\$0.58	
	AN4-41A	2 ea	AN4-41A	\$1.25	ACS	\$2.50	
	AN4-20	2 ea	AN4-20	\$0.86	ACS	\$1.72	
Airframe bolts 5/16	AN5-41A	1 ea	AN5-41A	\$1.68	ACS	\$1.68	
	AN6-80A	1 5 pk	25CM70	\$13.25	Grainger	\$13.25	
Machine Screws CS	AN509-10R7	9 ea	MS24694-S49	\$0.14	ACS	\$1.26	
	AN509-10R8	2 ea	MS24694-S50	\$0.14	ACS	\$0.28	

	AN509-10R10	14 ea	MS24694-S52	\$0.12	ACS	\$1.68
	AN509-10R14	12 ea	MS24694-S56	\$0.16	ACS	\$1.92
	AN509-10R28	4 ea	MS24694-S70	\$0.41	ACS	\$1.64
	AN509-10R30	8 EA	MS24694-S72	\$0.44	ACS	\$3.52
	AN509-416R14	2 ea	MS24694-S101	\$0.29	ACS	\$0.58
	AN509-416R18	2 ea	MS24694-S105	\$0.29	ACS	\$0.58
	AN509-8R8	10 ea	MS24694-S5	\$0.11	ACS	\$1.10
Button-head Screws	AN526-832-14	2 ea	AN526-832R14	\$0.09	ACS	\$0.18
	AN525-10R8	26 ea	AN525-10R8	\$0.16	ACS	\$4.16
	AN525-10R10	19 ea	AN525-10R10	\$0.16	ACS	\$3.04
	AN525-10R12	8 ea	AN525-10R12	\$0.15	ACS	\$1.20
	AN525-10R16	1 ea	AN525-10R16	\$0.19	ACS	\$0.19
	AN52510R24	1 ea	AN525-10R24	\$0.29	ACS	\$0.29
	AN525-416R16	6 ea	AN525-416R16	\$0.63	ACS	\$3.78
Nuts	MS21042-3	169 ea	MS21042-3	\$0.22	ACS	\$37.18
	MS21042-4	70 ea	MS21042-4	\$0.30	ACS	\$21.00
	AN310-3	2 ea	AN310-3	\$0.73	ACS	\$1.46
	AN310-4	2 ea	AN310-4	\$0.94	ACS	\$1.88
	AN316-4	2 ea	AN316-4	\$0.36	ACS	\$0.72
	AN316-6	2 ea	AN316-6	\$0.53	ACS	\$1.06
	AN364-832	2 ea	AN364-832a	\$0.12	ACS	\$0.24
	AN365-524	1 ea	AN363-524	\$0.69	ACS	\$0.69
	AN363-624	2 ea	AN363-624	\$1.69	ACS	\$3.38
	AN363-820	6 ea	AN363-820	\$1.50	ACS	\$9.00
Washers	AN960-10L	200 ea	AN960-10L	\$0.03	ACS	\$6.00
	AN960-10	150 ea	AN960-10	\$0.03	ACS	\$4.50
	AN960-416L	150 ea	AN960-416L	\$0.02	ACS	\$3.00
	AN960-416	8 ea	AN960-416	\$0.04	ACS	\$0.32
	AN960-616	4 ea	AN960 -616	\$0.04	ACS	\$0.16
	AN960-816L	10 ea	AN960-816L	\$0.05	ACS	\$0.50
	AN960-816	12 ea	AN960-816	\$0.07	ACS	\$0.84
	AN960-1016	2 ea	AN960-1016	\$0.14	ACS	\$0.28
	AN970-3	28 ea	AN970-3	\$0.08	ACS	\$2.24
	AN970-4	5 ea	AN970-4	\$0.10	ACS	\$0.50
	AN970-5	2 ea	AN970-5	\$0.17	ACS	\$0.34
Nut plates	K1000-3	22 ea	K1000-3	\$0.46	ACS	\$10.12
	K1000-4	9 ea	K1000-4	\$0.93	ACS	\$8.37

	K1000-08	10 ea	K1000-08	\$0.46	ACS	\$4.60
Cotter pins	AN380-2-2	4 ea	MS24665-132	\$0.03	ACS	\$0.12
	AN380-2-3	4 ea	MS24665-132	\$0.03	ACS	\$0.12
Rivets 1/8 pop	Cherry MSP 43	100 ea	MSP-43	\$0.27	ACS	\$27.00
	Cherry MSC 43	100 ea	BSC-43	\$0.07	ACS	\$7.00
Rivets solid	AN426AD3-3	0.13 lbs	AN426AD-3-3	\$48.85	ACS	\$6.35
	AN426AD3-4	0.13 lbs	AN426AD-3-4	\$45.50	ACS	\$5.92
	AN470AD3-7	0.13 lbs	AN426AD-3-4	\$43.85	ACS	\$5.70
	AN470AD4-5	0.13 lbs	AN470AD-4-5	\$27.90	ACS	\$3.63
	AN470AD4-10	0.13 lbs	AN470AD-4-10	\$19.70	ACS	\$2.56
Cable and Cable Hardware	1/16 7x7 ss cable	50 ft	AN470AD-4-10	\$0.97	ACS	\$48.50
	3/32 7x19 ss cable	50 ft	05-11447	\$1.56	ACS	\$78.00
	AN100-3 thimble	30 ea	AN100-3	\$0.19	ACS	\$5.70
	18-1-c sleeve	20 ea	05-03288	\$0.09	ACS	\$1.80
	18-2-G sleeve	15 ea	05-03289	\$0.14	ACS	\$2.10
Plumbing & Conduit	Brass Elbow	4 ea	269-NO6XQ4	\$4.35	ACS	\$17.40
	Poly Tee	1 ea	0710-153	\$1.10	ACS	\$1.10
	Poly Adaptor	2 ea	0700-153	\$1.10	ACS	\$2.20
	Tygon Tue 3/8od x 1/4	4 ft	05-00944	\$2.30	ACS	\$9.20
	Nylaflow Tube 3/16od x .25w	60 ft	05-00110	\$0.52	ACS	\$31.20
Wheels/Brakes/Tires	Cleveland 500x5 wheels/brakes	1 set	199-102	\$1,767.00	ACS	\$1,767.00
	Tires Goodyear 3.4x5 6 ply Ind. rib	2 ea	06-07100	\$104.00	ACS	\$208.00
	Tubes for 3.4 x 5 tires	2 ea	06-05000	\$99.00	ACS	\$198.00
	Gerdes 049 Master Cyl.	2 ea	06-01214	\$489.00	ACS	\$978.00
Misc.	Clevis Pin AN393-9	4 ea	04-03152	\$0.48	ACS	\$1.92
	Clevis Pin AN393-19	3 ea	AN393-19	\$0.73	ACS	\$2.19
	Safety Pin AN416-1	7 ea	AN416-1	\$0.27	ACS	\$1.89
	Rodend HEIM HM-3	10 ea	HM-3M	\$29.80	ACS	\$298.00
	Rodend HEIM HM-4	2 ea	HM-4M	\$35.90	ACS	\$71.80
	Rodend HEIM F34-14	2 ea	F34-14M	\$42.95	ACS	\$85.90
	Rodend FAFNIR RE4M6	2 ea	HM-6M	\$37.75	ACS	\$75.50
	Pulley AN210-2A	2 ea	MS24566-1B	\$25.50	ACS	\$51.00
	Universal MS20271-B10	3 ea	MS20271-B1Q	\$103.85	ACS	\$311.55
	Bearing Boston FB-1013-8 bronze	1 ea	05-02106	\$2.50	ACS	\$2.50
	Latch Hartwell H-5000-2 flush	1 ea	05-11830	\$117.65	ACS	\$117.65
	Arrow Stock FG 5/16 x .28 w	3 ft			ACS	\$0.00
	Insulation Fiber Frax 970-F .04 24x30	30 ft	05-02678	\$9.50	ACS	\$285.00

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