

ADAPTABLE CONSERVATION BOOK SUPPORT (ACBS): Supplies list

#	Part description	Supplier	Item #	Price (each)	Quant	Web Address
1 ¹	American Easel Flat Maple Panel w/ Keyhole, 11" x 14"	Dick Blick	07049-1114	\$13.19	1 or 2 ²	https://www.dickblick.com/products/american-easel-maple-panels/
2 ¹	Hardboard panel, 11" x 14"	Dick Blick	14945-1005	\$3.40 (\$1.70 each)	2	https://www.dickblick.com/products/hardboard-panels/
3	Lever-lock position hinges - Nickel-Plated Aluminum, 1-7/8" x 1-3/16" Door Leaf	McMaster-Carr	1604A43	\$32.02 (\$16.06 each)	2	https://www.mcmaster.com/1604A43/
4	T-Slotted Framing - Single Corner 2-Slot Rail, Silver, 1" High x 1" Wide, Solid	McMaster-Carr	47065T846	\$5.04 (\$0.36/inch)	14"	https://www.mcmaster.com/47065T846/
5 ³	Plastic-Head Thumb Screws, Two-Arm, 1/4 "-20 Thread, 3/8" Long	McMaster-Carr	91185A915	\$8.00 (10-pack)	2	https://www.mcmaster.com/91185A915/
6	End-Feed Nut with Flanged-Button Head, 1/4"-20 Thread Size	McMaster-Carr	47065T142	\$4.60 (2 x 4-pack)	8	https://www.mcmaster.com/47065T142/
7	Black-Oxide Alloy Steel Hex Drive Flat Head Screw M6 x 1 mm Thread, 20 mm Long	McMaster-Carr	91294A240	\$5.92 (50-pack)	4	https://www.mcmaster.com/91294A240/
8	End-Feed Single Nut, M6 Thread	McMaster-Carr	5537T67	\$4.32 (10-pack)	4	https://www.mcmaster.com/5537T67/
9 ³	18-8 Stainless Steel Washer for 1/4" Screw Size	McMaster-Carr	92141A029	\$3.47 (100-pack)	2	https://www.mcmaster.com/92141A029/
10	Slotted Flat Head Screws for Wood Zinc-Plated Steel, Number 12 Size, 3/4" Long	McMaster-Carr	90006A294	\$6.66 (100-pack)	4	https://www.mcmaster.com/90006A294/
11 ³	T Slot Stainless L Bracket #3462	Enviro-Safe	3462	\$13.50 (\$6.75 each)	2	https://www.es-refrigerants.com/products/w/id/288/t/t-slot-stainless-l-bracket-3462/details.asp
12 ⁴	.080" x 48" White Solid Fiberglass Rod .098" x 48" White Solid Fiberglass Rod .125" x 48" White Solid Fiberglass	Goodwinds Composites	FSW080048 FSW098048 FSW125048	\$6.75 (~\$2.25 each)	1 of each ⁴	https://goodwinds.com/carbon-fiberglass/fiberglass/solid-fiberglass.html

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13	Vinyl End Cap .080 Vinyl End Cap .093 Vinyl End Cap .109	Goodwinds Composites	VEC080 VEC093L VEC109	\$2.28 (\$0.19 each)	4 of each	https://goodwinds.com/catalog/connectors/vinyl-end-caps.html
14³	Coroplast - 4mm					
TOTAL to build 1: \$109.37 TOTAL to build 2: \$190.15						

Required tools

Drill (hand-driven or electric)
 Drill bits (7/64, 15/64)
 Screw driver (flat-head)
 Allen wrench/hex key
 Box cutter (or other heavy-duty blade)

Covering materials (optional)

Corrugated board
 Foam (Volara, Cellu-Cushion, etc.)
 Tyvek tape
 Double-sided tape
 Blotter

Notes

1. The materials used for the upper and lower boards can be replaced if other materials are available. If materials of a different thickness are used, the size of the socket cap screws (parts #10/11) may need to change accordingly.
2. A single maple panel (part #2) works fine for the lower board. If a thicker, heavier lower board is desired, two maple panels can be adhered or attached via extra wood screws. A thicker lower board will allow for easier movement of the lever-lock hinges, and the added weight will help with stability.
3. If you are using the 3D-printed elements designed at the Auckland War Memorial Museum, these pieces will not be needed.
4. It is useful to have various weights of fiberglass rods for different tasks. The most versatile is probably the 0.098" weight.