

STAR 45 BILL OF MATERIAL

12/12/01

Prepared by Bob Luther

The purpose of this B. of M. is to provide prospective skippers with an idea of the costs of parts that are associated with building a Star 45 R/C Sailboat. Prices shown are for informational purposes only and are subject to change.

NOTE

		Handyman Costs
1) Molded FG Hull -----	\$105.00	
2) Molded FG Deck -----	\$ 65.00	
3) Molded FG Fin -----	\$ 65.00*	-----\$20.00
4) FG Rudder w/S.S. Post-----	\$ 20.00*	-----\$ 5.00
5) Cast Lead Bulb -----	\$ 65.00*	-----\$20.00
6) Pekabe Single Block #515 (4 req'd)-	\$ 36.00	
7) " " " # 510 (1 req'd)	\$ 9.00	
8) " Twin Head Fairlead # 470 --	\$ 6.00	
9) Futaba Radio (Attack-SR) -----	\$ 60.00	
10) HiTec Sailwinch #HS-725BB -----	\$ 60.00	
11) Batteries for Radio (8-AA) -----	\$ 24.00	
12) " " Rec'r. (5-AA-Pack) --	\$ 18.00	
13) Complete Mast & Spar Assembly -	\$185.00*	----- \$40.00
14) Deck Hardware Set (4 pcs.) -----	\$ 45.00*	----- \$10.00
15) Radio Board -----	\$ 40.00*	----- \$ 7.00
16) Deans Connectors (3 Sets) -----	\$ 5.00	
17) Steering Arm (For Rudder) -----	\$ 2.00	
18) Push Rod (For Rudder) -----	\$ 1.00	
19) Toggle Switch -----	\$ 2.00	
20) Sails (Main & Jib) -----	\$115.00*	-----\$30.00
21) 1/8 Dia Brass Tubes (2) -----	\$ 3.00	
Total ---	\$ 911.00	\$535.00

(*) These items could be made by a handyman at lower cost.

NOTE: Support equipment that is needed consists of a cradle to rest and transport the boat in, a second set of batteries, a battery charger capable of charging (5) & (8) pack 1600 mAh batteries, a volt meter and misc. tools.

The following pages provide an expanded description of many of these items and a list of suppliers.

Star 45 Bill of Material (Cont'd.)

The following provides expanded descriptions of many of the items and suppliers. Prices shown are for information only and are subject to change.

Skid-Do Ind

Dayton Ohio

Paul Galloway

937-833-5677 (Skid-do@erinet.com)

(www.skid-do.com/special4.htm)

Fiberglass Hull w/ choice of custom colors. -----	\$105.00
(Includes mounted rudder block.)	
Fiberglass Deck w/choice of custom colors. -----	\$ 65.00
(Includes material for a hatch.)	
Fiberglass Fin (Color matched to hull.) -----	\$ 65.00
(Includes mounting to hull.)	
Fiberglass Rudder w/S.S. post. -----	\$ 20.00
(Ready to install.)	
Lead Bulb (Ready to install) -----	\$ 65.00

Total ----- ~~\$320.00~~
300.00

GRP Miniature Marine

Jim Mayne

Hayward Ca.

510-471-3028 (jhmayne@pacbell.net)

PEKABE PARTS

Single Block (Pulley) #515 - (4) Req'd. -----	\$ 36.00
(Used for both ends of traveler, spring tension on traveler and main sheet.)	
Single Block (Pulley) #510 - (1) Req'd. -----	\$ 9.00
(This is the traveling pulley inside the hull.)	
Twin Head Fairlead #470 - (1) Req'd. -----	\$ 6.00
(One of this item has two fairleads which are used on top of the deck to guide the main and jib sheets. The brass guide tubes terminate in these items.)	

Total----\$ 51.00

Star 45 Bill of Material (Cont'd.)

Tower Hobbies Catalog

1-800-637-4989 (www.towerhobby.com)

Futaba Radio (Attack-SR) – Tower Cat.#FUTK07 ----- \$ 60.00

(This is a low cost 2 channel radio that

has proven to be very serviceable. It requires (8) AA individual batteries. It has servo reversing and does not have travel adjustment. Travel is controlled by adding a mechanical stop to the control lever.

It comes with two servos, one of which can be used for the rudder.

HiTec Sail Winch #HS-725BB – Tower Cat.#HRCM1073 -\$ 60.00

(This is a spool type ball bearing winch that operates the traveling pulley to control both sails.)

Total --- \$ 120.00

Mr. NiCd's Batteries America

608-831-3443 (ehyost@chorus.net)

For Radio – (8) Aa – HR-3UU Batteries ----- \$ 24.00

(Nickle-Metal Hydride individual batteries.

-- not a pack—1600mAh @\$3.00 ea.)

For Receiver & Servo Functions ----- \$ 18.00

(5 AA –HR AUU made into a flat pack with the lead coming out one end.

--- 1650 mAh @ \$3.50 ea.)

(NOTE: The above represents one complete set.

It is advisable to have a spare set when sailing.)

Total -- \$ 42.00

