Adjustable Rigging Wires – The Easy Way

Alan Yendle

My quest for a simpler method to make rigging wires adjustable with a minimum of effort continues.
At this time, I think this is the simplest way to do it.

These are the tools you will need:
• A left-handed 4-40 tap I found these on E-bay.
• A method to silver solder or braze.
• Dremel and cut-off wheel if using steel strip rigging.

These are the commercially available parts you will need for EACH rigging
wire or strip.
• One Dubro 4-40 threaded rod end #302.
• One 4-40 slotted head screw
• One Dubro 4-40 solder rod end # 303.
• One 4-40 Left hand threaded rod. (Mc Master & Carr).
• One 4-40 hex nut.
• Cutting fluid.

** If using twisted wire, One Dubro 4-40 threaded coupler #336 will be needed.

Method
The right hand threaded end of the wire consists of one each of the 4-40 rod end and the 4-40 slotted head screw. The wire is silver soldered or brazed into the slot in the head of the screw. A 4-40 nut is used to lock it in place. A nylock nut could also be used instead of the hex nut.

**If using twisted wire, the wire is soldered/brazed into the coupler which is then screwed into the Rod end

For the left hand threaded end, a Dubro 4-40 solder rod end is threaded with a left hand 4-40 tap. Then the other end of the wire is soldered/brazed into a slot cut into the left hand threaded 4-40 rod which is then screwed into the left hand threaded rod end.

This should give you at least 5/8ths of adjustment on each wire which should be more than enough.