

Sky Hawk Rigging Instructions for UH-1Y and MH-60R

Parts

1. 12-Jaw Fitting
2. 1" Flat Snap Hook
3. 1.25" Ratchet
4. 1" D-ring
5. 1" Friction Adapter
6. Webbing

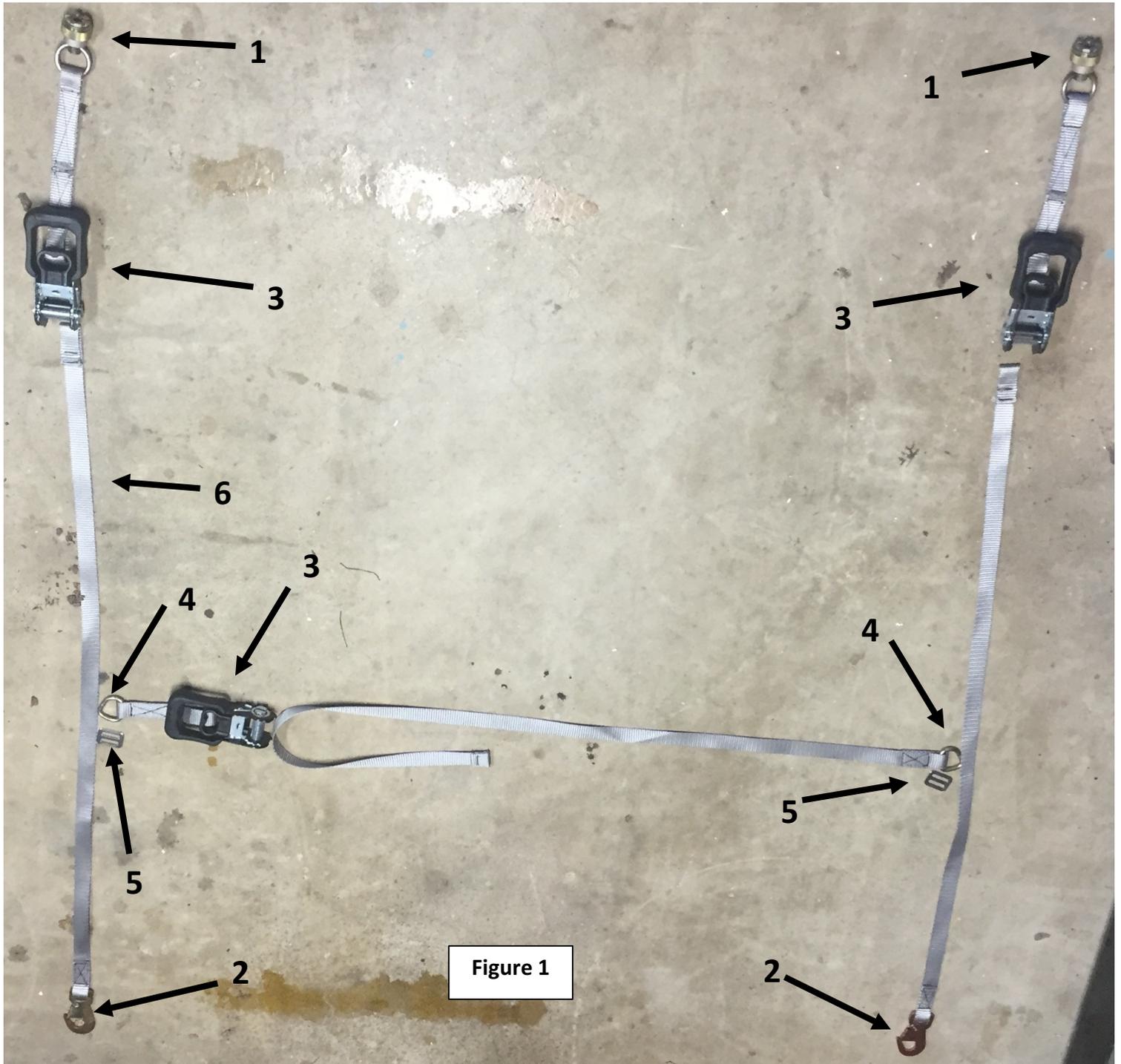


Figure 1

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Operation of the 12-Jaw Fitting

1. Depress the brass nipple and slide the brass ring towards the welded ring. This will retract the jaws and allow the aircraft stud into the female part of the connector.
2. Once the 12-Jaw Fitting is over the stud, slide the brass ring towards the jaws until the nipple pops out. Tug on the fitting to ensure that it is properly secured to the stud.

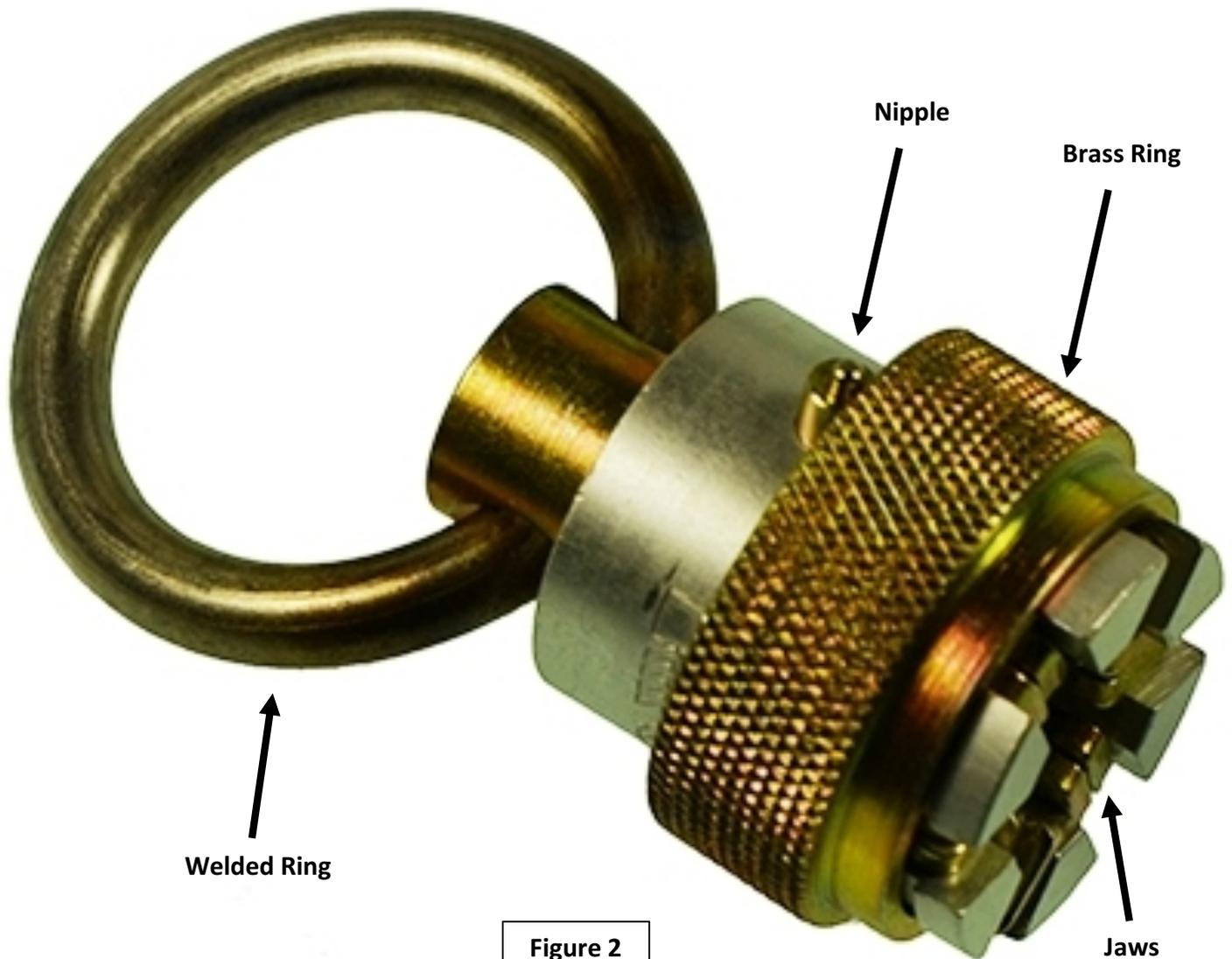
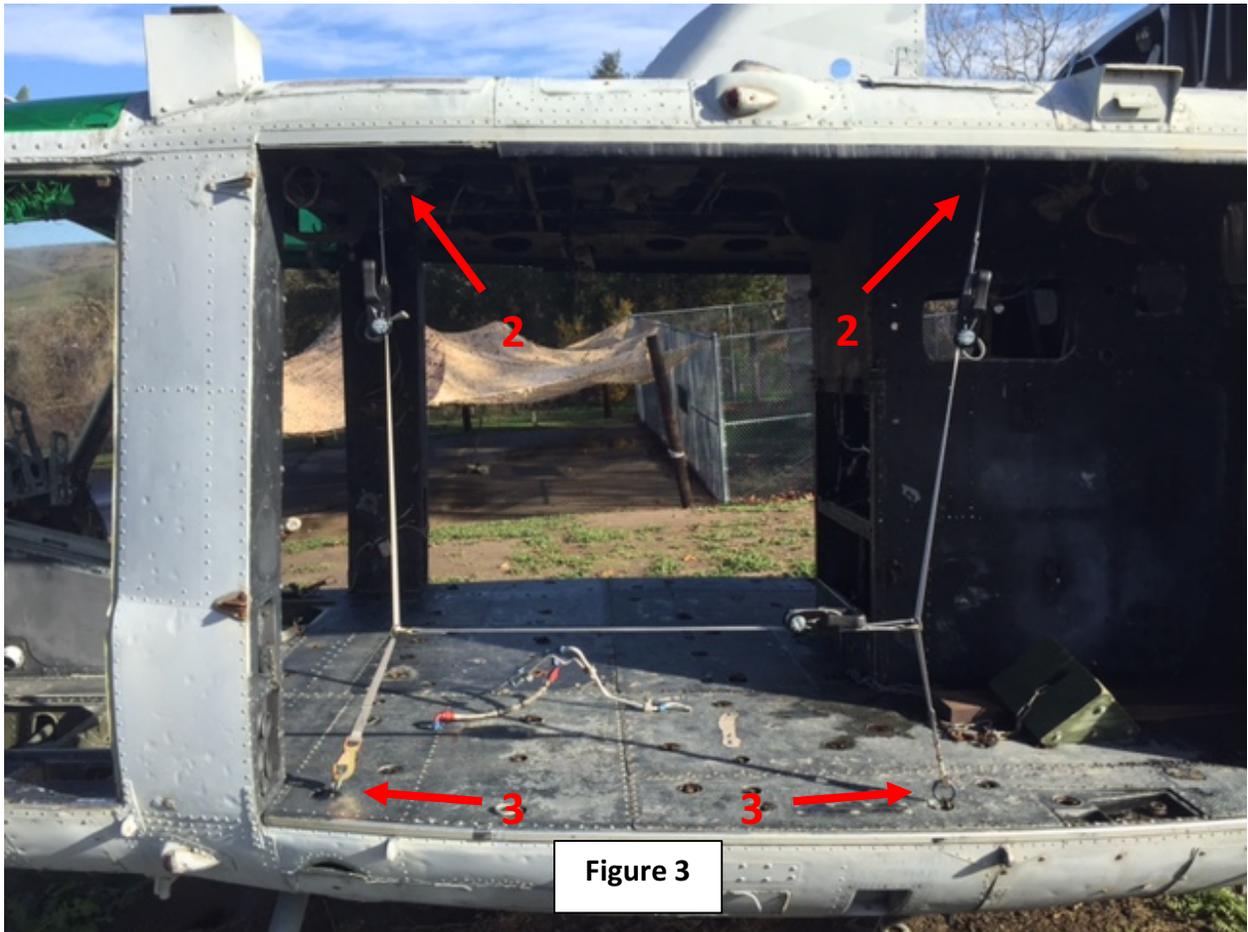


Figure 2

Sky Hawk Rigging Instructions for UH-1Y and MH-60R

UH-1Y Rigging Procedures

1. Lay out the rig in the cabin of the aircraft and orient it for the door which you will be shooting out of. The ratchet on the horizontal strap will be closest to the tail of the aircraft. The rig should generally look like Fig. 1. If you are setting this up after using it, ensure you loosen all of the ratchets and take out any twists.
2. Start by connecting the 12-Jaw Fittings to the studs on the ceiling of the UH-1Y. Ensure that you connect to the stud closest to the nose of the aircraft and the stud right before the door gunners area. (Fig. 3)



3. Next connect the flat snap hooks to the deck rings that are below the studs that you just connected to the 12-Jaw fitting to. At this time all components should still be loose.
4. Next adjust the height of the horizontal webbing. This can be done with one or two people. Start by pulling on the excess webbing on the vertical webbing to see where the horizontal webbing height is. Next slide the horizontal webbing up or down to fit the shooters preference. Conduct this on both sides to ensure that the horizontal webbing is level. If it is not, you can fix it in the next step.

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5. Take the excess webbing out of the vertical webbing closest to the nose of the aircraft by pulling it through the ratchet and ratchet it tight. **Caution: This rig uses polyester webbing which has a very low stretch. Unlike nylon it will get very tight very quickly. Do not over-tighten or you could possibly cause damage to the aircraft.**
6. Take the excess webbing out of the vertical webbing closest to the tail of the aircraft by pulling it through the ratchet and ratchet it until the webbing locks but is not completely tight. When you tighten the horizontal webbing in the next step it will pull the vertical webbing out of the way of the door gunner. If you do not have a door gunner during training you can just tighten it all the way.
7. Take all of the excess webbing out of the horizontal webbing and while pulling tight on the excess ratchet until tight. It is important to take up all the slack in this step because this ratchet will take up a lot more webbing because it is not pulling between two hard points like the vertical webbing.

The Sky Hawk is now set up and ready to use. The Sky Hawk can be put up in less than one minute with practice and if the height is already set up for a shooter.

Derigging

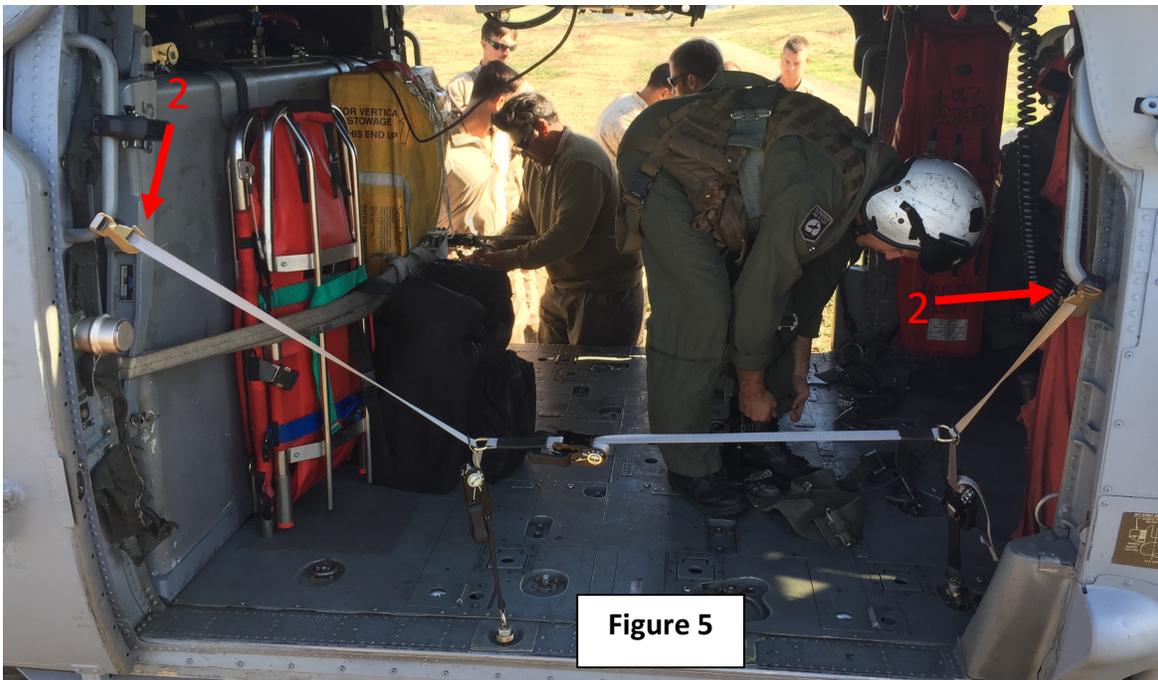
1. Release the tension in the ratchet by pulling on the release handle and fully opening ratchet on the vertical webbing closest to the nose of the aircraft. If you set up the rig to be pulled out of the way of the door gunner, this should be the only ratchet you have to release and you can proceed to undo all the connections and depart the aircraft. If you did not set the rig up in that configuration you will have to release the rear webbing as well and then proceed to undo all of the connections. You will not have to loosen the horizontal ratchet at this time, but will want to before you set up again.



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MH-60R Rigging Procedures

1. When rigging the MH-60R the Sky Hawk rig needs to be inverted so that the 12-Jaw Fittings are on the bottom and the flat snap hooks are now on the top of the rig. The horizontal webbing adjuster with the ratchet will need to be moved three quarters of the way towards the ratchets. The ratchet on the horizontal webbing will still go towards the tail of the aircraft.
2. Take the flat snap hook closest to the nose of the aircraft and wrap it around the handle as shown in figure 5 and then clip the flat hook onto the webbing. Do the same with the flat snap hook closest to the tail. The vertical webbing near the nose will have more slack than the rear webbing.



3. The 12-Jaw Fitting will attach to the stud closes to the edge and tail of the aircraft. The 12-Jaw fitting closest to the nose can attach to the stud by the front edge of the door or if you want the rig to move further out you can attach a carabiner to the welded ring and then attach the carabiner to the deck ring as shown in figure 6.

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4. Adjust the horizontal webbing a few inches higher than you want because as you tighten the vertical ratchets it will bring down the horizontal webbing.



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5. Tighten the vertical ratchets while ensuring that the horizontal strap stays level. Make adjustments as needed to the horizontal strap while tightening. This part may take a little time when first setting up.
6. Finally tighten the horizontal ratchet. This ratchet will be upside down.

Your Sky Hawk is now set up on the MH-60 and is ready for shooting. The set up for the MH-60 takes longer than set up on the UH-1Y because the original and primary platform is the UH-1Y, however it should still take less than 3 minutes when practiced. For a MH-60R specific rig inquire at www.hogsaddle.com/contact-us.

Derigging Procedures for the MH-60

1. Pull down on the release handle on the both vertical webbing ratchets and fully open the ratchet which will release tension and you can then undo all the other connections. This process should take no longer than 1 minute.

For any further question or support please visit www.dgtactical.com/contact.

