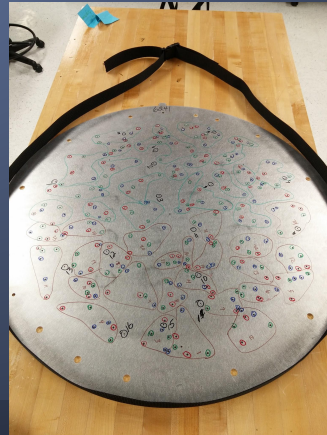


# SDSS Plate Carrier Sling

Instruction Guide by Neil Stilin

# Making the Main Strap (1/2)

- First, cut about 3.5-4 yards of 1 ½ inch wide nylon webbing; this piece will form the main strip, which will end up with an adjustable buckle attached.
- With the plate lying on a surface, partially wrap the main strip around the plate with extra space at the top for holding the sling.
- Slide the two ends of the webbing through the buckle, overlapping the webbing as much as you desire to control the height.



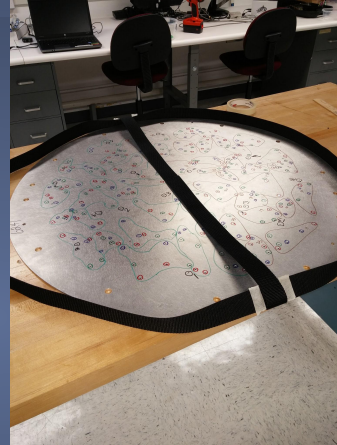
# Making the Main Strap (2/2)

- For the non-adjustable buckle half (the one with only a single opening), simply fold the webbing over (onto itself) and use hot glue to hold it together. Hot glue has been tested with the sling and has proven strong enough for our use.
- For the adjustable buckle half (two openings with teeth), feed the webbing through the appropriate direction. To make the buckle extra secure, you can first fold the webbing onto itself (making sure to leave enough length) so that it is double-layered through the buckle. Finally, you may want to fold the very end of the strap back to make a stopping tab for the buckle.



# Making the Secondary Strap

- For the secondary strap, cut 70 inches of webbing. This includes 5 inches for overlap in order to secure the webbing.
- With the plate lying on a surface with the main strap wrapped around it, slide the secondary strap under the plate and bring the ends over. Slide the strap so it is as close to the center of the plate as possible, then use masking tape to mark on the primary strap where to glue.
- First overlap the ends 5 inches and glue them together. Then slide the secondary strap onto/around the primary strap, and glue at the designated locations.





# Making the Support Straps (Two)

- For the two support straps, cut 29 inches of webbing each. This includes a couple inches of overlap where the straps attach to the sling.
- With the plate lying on a surface with the sling wrapped around it, lay the support straps on top so they form an upside-down V with the point in the center of the secondary strap. Try to make sure they split the bottom half of the sling into three equal sections.
- Finally, glue each support strap first to the main strap, then glue the ends to the secondary strap. Your plate carrier sling is now complete!

