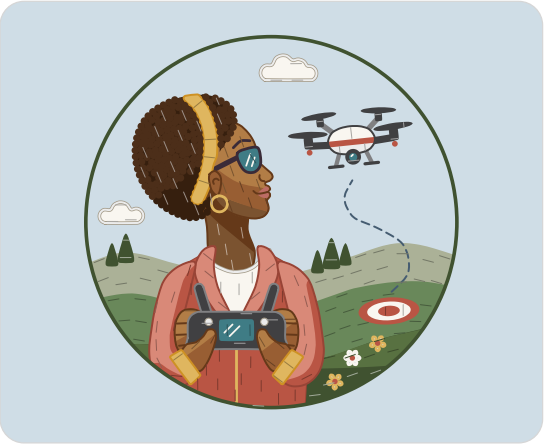
Drone pilot with controller and drone

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.8 × 4.8 in (12.2 × 12.2 cm).



Which color goes where: by number on page 2.
Fabric: pale blue cotton or linen.

Stitch in this order

Filled parts from the back of the picture forward, then lines, loops and knots.

1. **Long and short stitch**, 1 strand
   Clouds, far hill, middle hill, near hill, curls, neck, shirt, jacket, collar, hands, controller, face, ear
2. **Satin stitch**, 2 strands
   Trees, landing pad, antennas, controller screen, cuffs, lips, sunglasses, lenses, headband, drone arms, motors, rotors, landing legs, and 3 more
3. **Split stitch**, strands by part on page 2
   Clouds, neck, jacket seams, antennas, finger lines, controller, cuffs, face, smile, nose, headband, ear, drone edge
4. **Running stitch**, 3 strands
   Flight path
5. **Stem stitch**, strands by part on page 2
   Shirt, zipper, eyebrow, sunglasses, earring, round border, landing legs
6. **Straight stitch**, strands by part on page 2
   Screen lights, lens light, camera light
7. **Lazy daisy stitch**, 2 strands
   Meadow flowers

Floss

- **1 DMC 3865 Winter White**
  Shirt, clouds, landing pad, drone body and meadow flowers (lighter) and 3 more parts
- **2 DMC 762 Very Light Pearl Gray**
  Clouds, drone body and shirt (darker), control sticks
- **3 DMC 523 Light Fern Green** Far hill
- **4 DMC 986 Very Dark Forest Green**
  Near hill (darker), round border and trees
- **5 DMC 320 Medium Pistachio Green** Middle hill
- **6 DMC 987 Dark Forest Green** Near hill (lighter)
- **7 DMC 3830 Terra Cotta**
  Jacket and landing pad (darker), drone stripe, flower hearts and drone lights
- **8 DMC 930 Dark Antique Blue** Flight path
- **9 DMC 3820 Dark Straw**
  Headband and cuffs (lighter), zipper and earring, meadow flowers (darker)
- **10 DMC 938 Ultra Dark Coffee Brown** Curls (darker)
- **11 DMC 433 Medium Brown** Neck (lighter), face (dark)
- **12 DMC 801 Dark Coffee Brown**
  Neck and ear (darker), finger lines, smile and nose, face (darkest)
- **13 DMC 355 Dark Terra Cotta** Jacket seams
- **14 DMC 3778 Light Terra Cotta** Jacket (lighter), collar
- **15 DMC 3799 Very Dark Pewter Gray**
  Controller, antennas and drone arms (darker), rotors and motors and 3 more parts
- **16 DMC 414 Dark Steel Gray**
  Controller, antennas, drone arms and landing legs (lighter)
- **17 DMC 434 Light Brown** Hands (darker), face (light), ear (lighter)
- **18 DMC 435 Very Light Brown** Face (lightest), hands (lighter)
- **19 DMC 3809 Very Dark Turquoise**
  Controller screen and lenses, camera (lighter)
- **20 DMC 783 Medium Topaz** Headband and cuffs (darker)
- **21 DMC 3722 Medium Shell Pink** Lips
- **22 DMC 3371 Black Brown** Sunglasses and eyebrow
- **23 DMC 898 Very Dark Coffee Brown** Curls (lighter)

Stitches, continued

8. **French knot**, 2 strands, two wraps
   Flower hearts, control sticks, curls, drone lights

Three ways to transfer the pattern

1. **Fabric you can see through**
   Tape page 3 to a sunny window or lay it on a light box, tape the fabric over it and trace the lines with a sharp pencil or a water-soluble pen.
2. **Fabric you cannot see through**
   Lay dressmaker's carbon paper colored side down on the fabric with page 3 on top, tape the layers and trace the lines firmly with a ballpoint pen.
3. **Iron-on: the lines stay**
   Go over the lines of page 4, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron, as the pen's packet says.

Pages 3 and 4 are the pattern at actual size. Print them at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

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Drone pilot with controller and drone

6 inch hoop

How to read it

Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Inside a filled shape start with two or three tiny stitches, which the filling covers. Start a line with a small knot on the back. End each thread by running the needle under the backs of a few stitches.

Each small ring is one French knot. Each small loop is one lazy daisy: come up at its point. A dashed line is running stitch. A fine broken line inside a shape is where two shades meet: trace it, do not stitch it.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1	DMC 3865 Winter White	**9**	DMC 3820 Dark Straw	**17**	DMC 434 Light Brown
2	DMC 762 Very Light Pearl Gray	**10**	DMC 938 Ultra Dark Coffee Brown	**18**	DMC 435 Very Light Brown
3	DMC 523 Light Fern Green	**11**	DMC 433 Medium Brown	**19**	DMC 3809 Very Dark Turquoise
4	DMC 986 Very Dark Forest Green	**12**	DMC 801 Dark Coffee Brown	**20**	DMC 783 Medium Topaz
5	DMC 320 Medium Pistachio Green	**13**	DMC 355 Dark Terra Cotta	**21**	DMC 3722 Medium Shell Pink
6	DMC 987 Dark Forest Green	**14**	DMC 3778 Light Terra Cotta	**22**	DMC 3371 Black Brown
7	DMC 3830 Terra Cotta	**15**	DMC 3799 Very Dark Pewter Gray	**23**	DMC 898 Very Dark Coffee Brown
8	DMC 930 Dark Antique Blue	**16**	DMC 414 Dark Steel Gray		

How many strands

Split stitch. 2 strands: clouds, jacket seams, antennas, controller, cuffs, face, smile, nose, headband, drone edge; 1 or 2 strands: finger lines, ear; 1 strand: neck.
Stem stitch. 5 strands: round border; 4 strands: landing legs; 3 strands: zipper, eyebrow, sunglasses, earring; 2 strands: shirt.
Straight stitch. 2 strands: screen lights, lens light; 1 strand: camera light.

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Drone pilot with controller and drone

6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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Drone pilot with controller and drone

6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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