

aurora Sunshine Quilt



finished size = 10" x 14"

Supplies

- Benartex fabrics:
 - Apple Butter—tropic tangerine (red), 3" x 44", 4" x 8"
 - Fossil Fern—orange juice, 3" x 88"
 - Fossil Fern—golden glow, 3" x 66", 1½" x 60"
- 1 Superior Rainbows thread oranges
- 1 YLI Candlelight red
- 1 Oliver Twist Two of a Kind (red/orange/yellow)
- Isacord thread yellow
- Monofilament thread, clear
- 1 packet Bead Gravy beads
- 12" of 5/8" variegated wire edge ribbon
(Or yellow Oliver Twist Two of a Kind cords/yarns only)
- Water-soluble fabric marking pen
- 1 spool Mettler neutral thread for construction and bobbin
- Paper-piecing sunrise pattern, enlarged to 10" x 14"
Note: Using a lightweight 11" x 17" piece of regular paper allows the lines on the right side to be seen from the wrong side, a very important detail in paper piecing.
- Warm N Natural™ batting—12" x 16"
- Backing fabric—12" x 16"
- Straight Pins
- OESD Poly Mesh stabilizer
- OESD Tear Away Stabilizer—2" x 12"
- Steam-a-Seam 2—4" x 8"
- Temporary spray adhesive
- Size 90 Jeans needle
- Size 80 Organ embroidery needle
- Size 80 Universal sewing needle
- Hand beading needle
- Nymo beading thread
- Buttonhole cutter and block
- Reverse Sewing Foot #1/1C
- Automatic Buttonhole Foot #3A
- Open Embroidery Foot #20/20C
- Clear Applique Foot #23
- Walking Foot #50 with quilting sole
- Binder Attachment #84 (26-30mm)
- Binder Foot #94
- **aurora** 440QE only: BERNINA®
Stitch Regulator (BSR)

Preparation

Enlarge the patterns on page 4 to 200%; trace or photocopy onto lightweight paper.

Flying Geese Sun Rays (7 & 11)

Piece “flying geese” sunrays on paper patterns using orange and yellow fabric, beginning at 0 (narrow ends) and ending at 21 (wide ends). Foundations are longer than needed; excess will be trimmed after all rays are assembled.



Embroidered Sun Rays (5 & 13)



Hoop Poly Mesh stabilizer in hoop; spray with temporary adhesive.

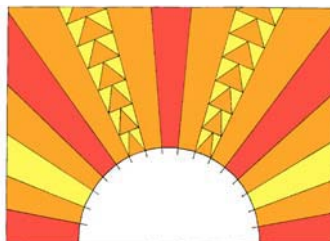
Select **Swirl** embroidery motif from the Editor Lite software; change width to 40mm. *Note:*

If using other software, select a similar design.

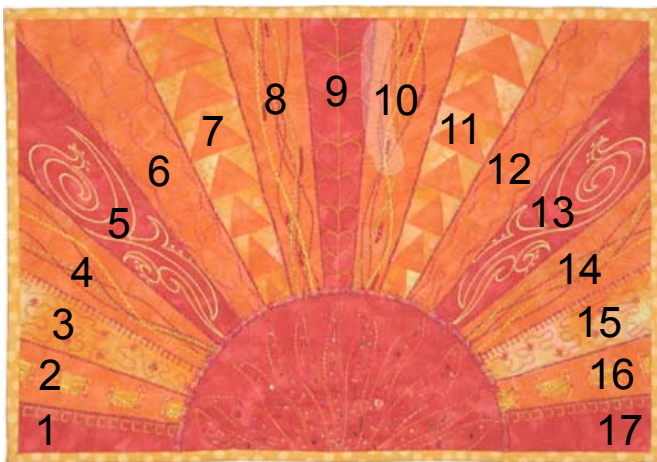
Insert size 80 Organ needle; thread with yellow Isacord. Place red fabric strip in hoop and embroider motif. Repeat for second embroidered ray, mirror-imaging motif vertically.

Paper-Pieced Sky

Foundation piece all sunrays to pattern, incorporating flying geese and embroidered sun rays. Trim to size of paper foundation (10" x 14").



Lightly spray wrong side with 505 temporary adhesive. Center pieced sunrays on batting.

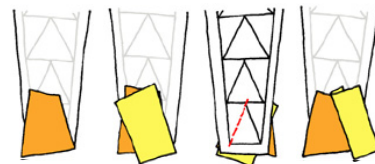


Paper Piecing

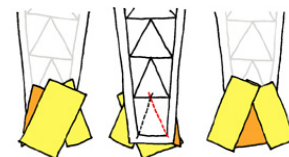
From Wrong Side: Place a piece of orange fabric right side up over area 1. Place yellow fabric piece right side down on orange fabric.

From Right Side: Stitch along the line between areas 1 & 2.

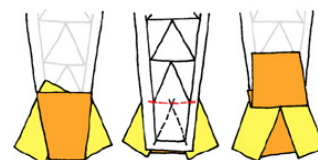
From Wrong Side: Flip yellow fabric to right side.



Repeat, covering area 3, stitching on the line between areas 2 and 3.



Repeat, covering area 4, stitching on the line between areas 3 and 4.

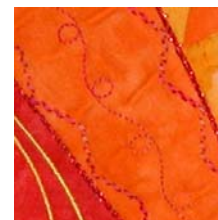


Continue in this manner to complete both flying geese foundations. Do not remove paper until flying geese units have been stitched to 10" x 14" foundation with the other sun rays.

Embellished Sun Rays (6 & 12)

Insert a size 90 Jeans needle into machine and thread with Oliver Twist; attach Walking Foot #50 to machine.

Sides: Select stitch 154; adjust SW to 3.1mm. Sew two pattern repeats along the edge of one orange ray, beginning on inside, narrow edge; stop, but do not remove from machine.



Change stitch width to 4.3mm; sew two pattern repeats. Change stitch width to 5.4mm; finish sewing row. Repeat process for adjacent side, mirror-imaging stitch. Repeat for second ray.

Centers:

- Touch Memory.
- Select stitch #169.
- Touch Memory Enter.
- Select stitch #169.
- Touch Mirror Image Vertical.
- Touch Memory Enter.

Sew down center of ray.

Stippled Sun Rays (3 & 15) & Heart Sun Ray (9)

Sew buttonhole stitch #45 (SW and SL of 4mm) along upper edge of rays 3 & 15.



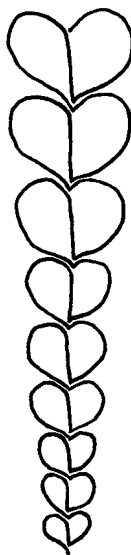
Note: Instructions below are for aurora 440QE; if using another machine, use regular freemotion stitching techniques instead of BSR.

Install clear sole on BERNINA® Stitch Regulator; attach BSR to machine. Use the BSR to stipple quilt rays 3 & 15 using freemotion stitching techniques; the BSR controls the length of each stitch, assisting in the creation of even free-motion stitching.



Freemotion quilt continuous line hearts through center of ray 9, beginning at narrow end and enlarging each heart as ray increases in

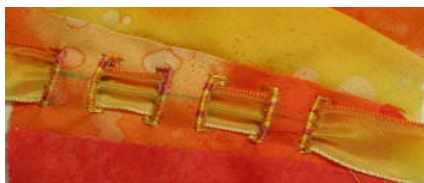
width. *Note: Enlarge illustration 200% to use as template.*



Attach Open Embroidery foot #20/20C to machine. Select stitch #155; change width to 3mm. Sew mini stars on top of stippling in desired locations.

Buttonhole Embellished Sun Rays (2 & 16)

Attach Automatic Buttonhole Foot #3A to machine. Thread needle with Superior Rainbow #840. Place tear away stabilizer beneath both



rays. Sew six $\frac{5}{8}$ " buttonholes spaced $\frac{1}{2}$ " apart on each ray. Remove stabilizer when buttonholes are

complete. Cut buttonholes open with buttonhole cutter and block. Weave $\frac{5}{8}$ " ribbon through buttonholes.

"C" Embellished Sun Rays (1 & 17)

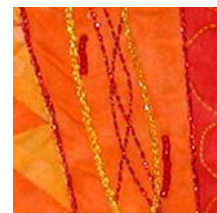
Attach Reverse Sewing Foot #1/1C to machine. Thread needle with yellow Isacord embroidery thread. Touch the Alphabet button. Touch right



arrow twice to select the letter **C**. Sew on ray 1, from wide end toward narrow end. Select Vertical Mirror Image. Sew letters on ray 17 from wide end towards narrow end. Adjust balance to -1 if necessary.

Couched Sun Rays (4 & 14, 8 & 10)

Attach Clear Applique Foot #23 to machine. Thread needle with clear monofilament thread. Select zigzag stitch #2; adjust stitch width to 2.0mm and stitch length to 1.5mm. Couch yarns from Oliver Twist "Two of A Kind" onto rays as shown in photo on page 1.



Couch red YLI Candlelight over seams of all sun rays, except over blanket stitched seams.

Finishing

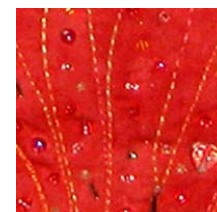
Transfer enlarged sun pattern to one paper side of Steam-A-Seam 2. Remove paper from opposite side and adhere to back of red rectangle. Cut along drawn lines, then remove remaining paper. Position on quilt and fuse in place according to manufacturer's instructions.

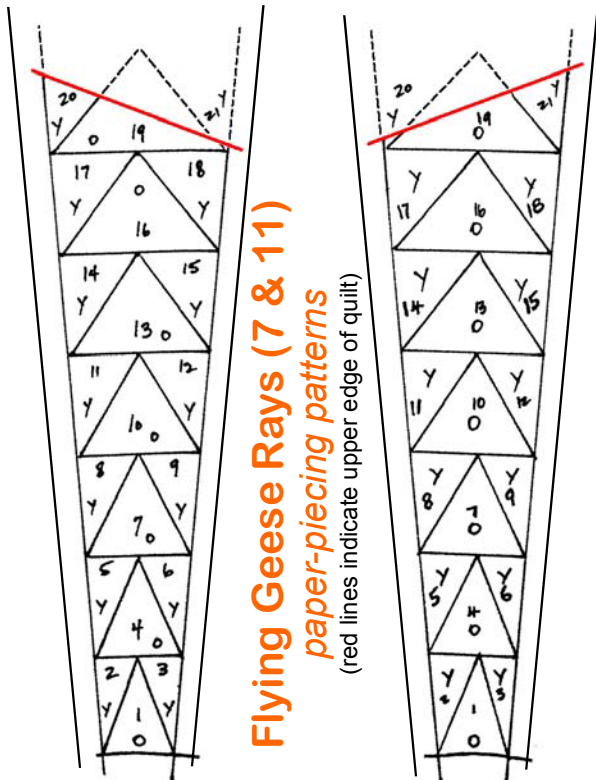
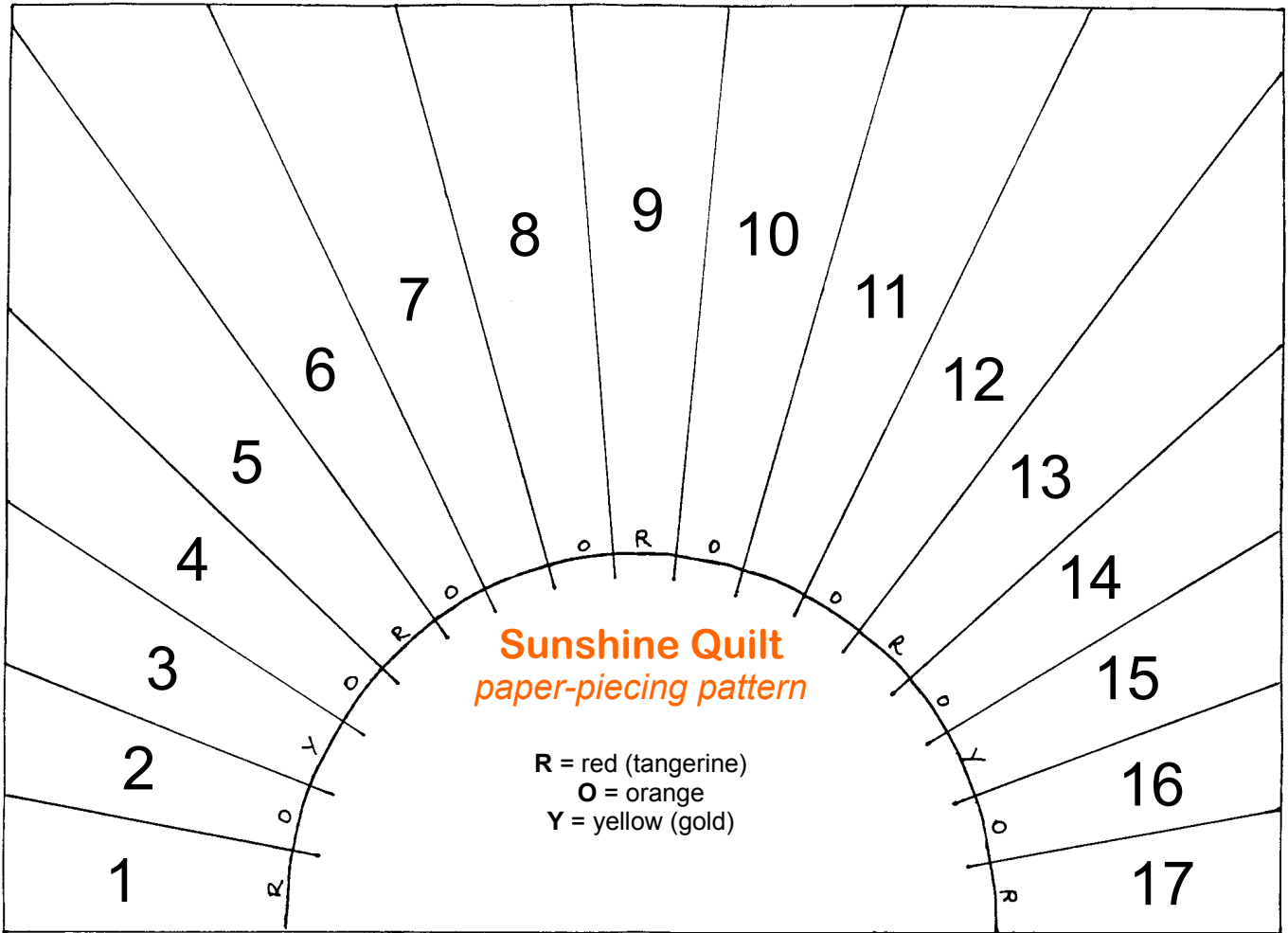
Attach Open Embroidery Foot #20/20C to machine. Thread needle with Oliver Twist thread. Select stitch #105. Sew around outer edge of sun having the irregular edges of the stitch facing the rays.

Attach BERNINA® Stitch Regulator to machine. Using freemotion stitching techniques, as for stippling and hearts, quilt continuous line flames into sun as shown on pattern. Remove all paper from back of rectangle. Place backing fabric behind quilt. Using rotary cutter, mat, and ruler, trim piece to measure 10" x 14".

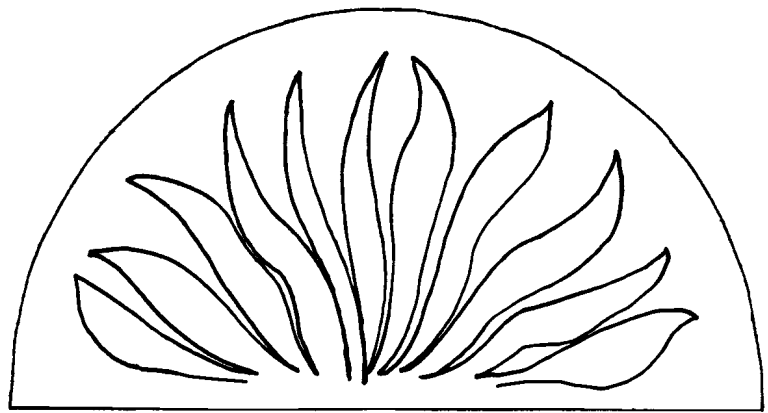
Thread machine with yellow Isacord in needle and bobbin. Attach Binder Attachment #84 and Foot #94 to machine. Bind edges of quilt with yellow fabric, mitering corners.

Use beading needle and Nymo thread to bead the sun, mini stars and center orange rays as shown in photo on page 1.





Enlarge all pattern pieces 200%,
then print or trace onto
lightweight paper.



Sun
appliqué & flame pattern