

## Instructions for cutting and piecing

## Quilt Panel and Border 1

1. Trim the quilt panel to 21.5 " wide by $35.5^{\prime \prime}$ long. Be sure panel is square and picture is centered.
2. Cut 4 strips of blue (3954-43) l.5" x WOF (width of fabric). Cut 2 strips 1.5 " $\times 35.5^{\prime \prime}$ for the sides of the panel. Cut 2 strips $1.5^{\prime \prime} \times 21.5^{\prime \prime}$ for the top and bottom of the panel.
3. Cut 4 squares of dark blue (3937-193) l.5" x l.5". Sew a square to both ends of the 1.5 ' $\times 21.5$ " strips. Press toward the blue strip.
4. Sew a $1.5^{\prime \prime}$ x $35.5^{\prime \prime}$ blue strip to both sides of the panel. Press toward the panel.
5. Sew a 1.5 " x $21.5^{\prime \prime}$ blue strip--with dark blue squares on each end- to the top and bottom of the panel, matching seams. Press toward the border. (Fig. l)

## Coping Border (Border 2) and Pieced Border (Border 3)



1. Border 2 is used to adjust the size of the quilt center to fit the pieced blocks in Border 3. You will trim Border 2 down after you make Border 3 and determine its measurements. (Fig. 2)
2. Cut 4 strips of dark blue (3937-193) 2" x WOF. Cut 2 strips $37.5^{\prime \prime}$ long and sew one to each side of the quilt panel. Cut the remaining two strips 26.5 " long and sew to the top and bottom of the quilt. Press away from the center.
3. Cut 3 strips of red stars (39101-24) 2-5/8" $x$ WOF. Sub-cut into 38 squares $2-5 / 8$ " x $2-5 / 8$ '.
4. Cut 3 strips of white tonal (3934-195) 2-5/8" x WOF. Sub-cut into 38 squares 2-5/8" x 2-5/8'.
5. Place a red square and a white square right sides together. Lightly draw a diagonal line (A) with a pencil from corner to corner. Mark another line (B) $1 / 4$ " from both sides of the diagonal line. Sew on the B lines. Cut on the A line. Press the two halves open to form a pair of half square triangles. Trim to 2-1/4" if necessary. Press the seam to the red side. Make 76 red and white half square triangles.

6. Sew 16 half square triangles together to form the top and bottom borders. Press seam toward the red triangle. (Fig. 3)

7. Sew 22 half square triangles together to form the side borders. Note that the half square triangles in the side borders are arranged in the opposite direction from the top and bottom borders. Press the seams to the red triangle.
8. Measure the side borders ( 22 HSTs ) and trim the top and bottom coping borders (equally) so the length of the quilt center equals this measurement.
9. Measure the top and bottom borders. ( 16 HSTs) Trim the side coping borders to equal the width of 14 of the 16 HSTs in the top border + 1/2" seam allowance. The remaining two HSTs are aligned with the side borders.
10. When all four coping borders are trimmed sew the HST borders to the sides of the quilt. Note that the left side border has the red side to the panel. The right side border has the white side to the panel. Press toward the coping border.

1l. Sew the top and bottom borders to the quilt center, matching seams and the ends. Note the top border has the white side toward the quilt center and the bottom border had the red side toward the quilt center. Press toward the coping border. (Fig 4)


## Alternating Squares, Border 4

1. Cut 24 squares of blue stripe (20161-49) $7.5^{\prime \prime} \times 7.5$ ".
2. Sew squares together in sets of 6, alternating each square $90^{\circ}$ from the previous one. Make four sets of 6 squares. (Fig 5)

3. Sew a border to one side of the quilt.
4. Sew a border to the other side of the quilt making sure the top square is going in the opposite direction from the top square on the other side.
5. Sew a border to the top and bottom of the quilt. Be sure the direction of the stripe is alternated in every block. Press seams toward this border. (Fig. 6)


No-Sew Circles ${ }^{\text {TM }}$ Border 5, and 1" Blue Border 6

1. Cut the No-Sew Circles ${ }^{\text {TM }}$ fabric into approximately $3.5^{\prime \prime}$ strips so that a half circle is centered in the strip and there is a $1 / 4$ " seam allowance above and below the circle. This will result in some waste because you can only use one half of each row of circles. (Fig. 7)
2. Cut the strip with the grain, parallel to the selvage edge. This will allow you to get a complete border strip in one piece. Cut 4 strips the complete length of the fabric yardage.
3. The top and bottom borders contain 7 half circles each, plus seam allowance, and should measure approximately 42.5 " x $3.5^{\prime \prime}$. If the length of the border is significantly shorter than 42.5" add a piece of Cream Star Print to each end of the strip of 7 half circles.

4. The side borders should contain 9 half circles plus seam allowance. Add a piece of Cream Star Print to each end of the strip of 9 half circles. Trim the side borders (centering the 9 half circles) to fit.
5. Cut FOUR 3-1/2" squares of cream star print (20160-12) for the corner blocks. These squares may need to be trimmed slightly to match the actual width of the no sew circle borders.
6. Sew a side border onto the quilt with the flag print toward the quilt center and the cream star print toward the outside.
7. Sew another side border to the opposite side in the same manner, with the flag print to the inside. Press the seam toward this border.

8. Sew a 3-1/2" cream star print square to each end of the top and bottom borders. Press seam away from the corner square. (Fig. 8)
9. Pin the top border to the quilt, matching seams and outer edges. Ease in any fullness along the length of the border. Be sure the side with the flag print is toward the quilt and the side with the cream star print is toward the outside. Sew border to quilt. Press seam toward this border.
10. Pin the bottom border to the quilt with the flag fabric toward the quilt top. Match seams and edges, easing in any fullness along the length of the bottom border. Sew border to quilt.
11. Press and starch the quilt top so it is flat and square.
12. Cut 6 strips of blue (3954-43) l.5" x WOF. Piece border strips for the sides and top of the quilt.

13. Measure the quilt length through the center of the quilt top and cut two side border strips to this measurement. Sew these strips to the quilt sides. Press seam toward this border.
14. Measure the quilt width through the center of the quilt top and cut a top and bottom border strip to this measurement. Sew these strips to the quilt top and bottom. Press seam toward the this border. (Fig. 9)

## Border 7 Version 1: Piano Keys with Mitered Corner

1. Cut 8 strips of striped Strip-R fabric 6.5" x WOF. Cut across the fabric grain so stripes are perpendicular to the cut edge. (Fig. 10)
2. Trim off selvage and join strips end to end in pairs.
3. Add the side borders, then the top and bottom borders. Match the stripes at the corners and miter the corner seam. (Fig. 11)
4. Trim the corner miter seams to $1 / 4$ " and press open. Press the border seams in which ever direction they prefer to go, so the border lays flat and there are no puckers at the corners.


Fig. 10


## Border 7 Version 2: Chevrons with Mitered Corners

1. With the Strip- $\mathrm{R}^{\mathrm{TM}}$ fabric folded in half lengthwise, lay it out flat on your cutting mat with the selvage edges aligned. Cut the fabric on the fold the length of the fabric.
2. Cut one layer at a time. With a long ruler, lay the $45^{\circ}$ angle line on one of the fabric stripes and the edge of the ruler at a $45^{\circ}$ angle to the stripe. Cut off the corner of the fabric as shown. (Fig. 12)
3. Cut the remaining fabric into at least twelve $3.5^{\prime \prime}$ strips on the $45^{\circ}$ angle line. (Fig 13)

4. Cut the second piece of fabric with the ruler oriented in the opposite di- Fig. 12 rection to produce left and right diagonal stripes. (Fig. 14)
5. Separate strips into two piles of left slices and right slices.
6. Sew slices end to end to make four long strips.
7. Place a left slice and a right slice right sides together, matching stripes. Pin seam to be sure stripes remain matched. (Fig 15)
8. Sew the seam, removing pins as you go. Press seam to either side. Assemble the remaining 3 borders in the same manner.
9. Arrange border strips around the quilt so the "arrow" or point of the chevron "circles" the quilt: down one side and up the other side. You will not need to match the fabric at the corners.
10. Pin borders to the sides, top and bottom of the quilt. Be sure you have at least of 7 " of overlap on each end to allow for the mitered corner.
11. Sew borders to each side, starting and stopping $1 / 4$ from the edge of the quilt.
12. Miter the corners as shown in the previous section. Press the seam open and press the border toward the previous border.

Fig. 15


## Border 8, Narrow blue border.

1. Cut 8 strips of blue (3954-43) 1.5 " $\times$ WOF (width of fabric).


Fig. 14
2. Piece strips together lengthwise in pairs, and trim two of the pairs to 1.5 " x $76.5^{\prime \prime}$ for the sides of the quilt. Sew to sides of quilt top. Press toward this border.
3. Piece remaining strips into pairs and trim to $1.5^{\prime \prime} \times 64.5^{\prime \prime}$ for the top and bottom borders. Sew to quilt top. Press toward this border.

## Finishing The Quilt

Layer the top, batting and backing and baste the layers together. Stitch in the ditch around each border. Do some fill stitching in the larger borders. You may wish to outline or echo stitch in the panel, or do an all over pantograph.

If you are taking your quilt to a machine quilter, do not layer the quilt. Your quilter will do this on her frame.

## Binding



1. Trim the batting and backing even with the edge of the quilt. Square up the quilt corners if necessary.
2. Cut 8 strips of blue (3954-43) $2-1 / 4$ " $x$ WOF.
3. Remove selvage edges and sew strips together end-to-end using a diagonal seam. Trim off excess fabric $1 / 4$ " beyond seam.
4. Press binding in half lengthwise, wrong sides together, and roll up pressed binding.
5. Pin binding to front of the quilt, raw edges even, leaving 12 " tail of binding unattached.
6. Sew binding to quilt mitering corners. Sew to within 12 " of the starting point. Back stitch.
7. Trim off excess binding leaving at least 4" of overlap.
8. Pin remaining binding to the quilt overlapping the loose ends. Mark the top end so there is exactly 2-1/4" of overlap (width of binding). Trim binding on the marked line using a straight edge.
9. Scrunch up the quilt so it is out of the way and open out the binding strips. Join ends of binding using a diagonal seam. Trim off the excess.
10. Fold the binding in half again and pin the remaining binding to the quilt. It should fit exactly in the area remaining. Stitch down remaining binding.
11. Press binding to the back of the quilt, mitering corners. Stitch down by hand using a blind hem stitch. Press.
12. Add a label with your name, date and location. Leave space for the name of the recipient and date presented if this is to be given as a Quilt of Valor.


65" x 79"<br>By Reeze L. Hanson<br>For Morning Glory Designs

## Fabric Requirements:

Stonehenge Old Glory, Stars \& Stripes IV, from Northcott


