

STRATOSPHERE

by Jinny Beyer



51" x 51"

Featuring fabrics from The Jinny Beyer Palette



STRATOSPHERE

Designed by Jinny Beyer

Finished Quilt: 51" x 51"

Directions by Shannon Murray

Please read all pattern instructions carefully before you begin.

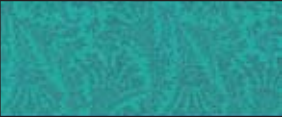

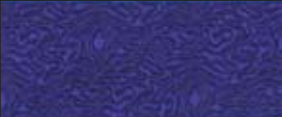
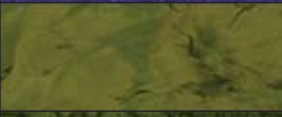




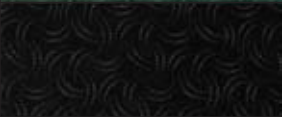
All seams are ¼".

Skill Level: Intermediate

An original design by Jinny Beyer, Stratosphere is a shaded star design. The dark background emphasizes the blues and greens of the quilt. The partial stars in the corners enhance the overall design of the quilt. Construction of the quilt top will focus on several quilting techniques - strip piecing, template cutting, foundation piecing, joining an 8-pointed star and set in seams.

Fabric Requirements

There are 8 fabrics in this quilt. The first six fabrics are broken down into two color hues. Fabrics 1, 2 and 3 are the blue fabrics. Fabrics 4, 5 and 6 are the green fabrics. The blue and green groups both have light, medium and dark values – fabrics 1 and 4 are the lightest, fabrics 2 and 5 are medium fabrics and fabrics 3 and 6 are the darkest within their groups. Fabric 7 is the background fabric and fabric 8 is the border.

Fabric Order Group – Value	Fabric Number Palette #9 Number	Fabric Swatch	Cutting Directions	Yardage
1 Blue – Light	2767-03		Cut 5 strips 1¾" the width of the fabric (approximately 42").	¾ Yard
2 Blue – Medium	5746-08		Cut 4 strips lengthwise 2" wide x 49½" (1¾ yd) Long Cut 5 strips lengthwise 1¾" wide x 42" long	1¾ Yard
3 Blue – Dark	9511-16		Cut 6 strips 1¾" the width of the fabric (approximately 42").	½ Yard
4 Green – Light	4795-20		Cut 8 strips 1¾" the width of the fabric (approximately 42").	½ Yard
5 Green – Medium	6740-02		Cut 8 strips 1¾" the width of the fabric (approximately 42").	½ Yard
6 Green – Dark	4795-22		Cut 8 strips 1¾" the width of the fabric (approximately 42").	½ Yard
7 Background	9410-14		Cut 1 Square: 16¼" Cut 4 each from Template B and B(r).	¾ Yard
8 Border	6783-01 (Manor House fabric)		Outer Border: Cut 4 strips lengthwise 5¼" wide x 72" long. Inner Border: Cut 4 strips lengthwise 2½" wide x 48" long.	2 Yards
9 Binding	9410-14		Cut 6 strips 2¼" wide.	½ Yard
Backing	Any Coordinating Fabric			3½ Yards

Piecing the Diamond Blocks

1. Following Figures 1 & 2, make two different strip sets.



Figure 1 - Group 1 Strip Set. Make 4

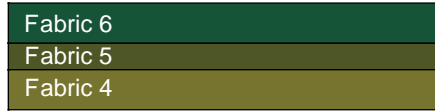


Figure 2 - Group 2 Strip Set. Make 8

- Using see-through Template plastic, make one Template A. Carefully mark the seam lines for proper alignment and cutting.
- Use four strip sets from Group 1 and Group 2. Follow the cutting diagram in **Figure 3**. From two strip sets for each group, cut 8 Template A's. With the remaining two strip sets for each group, cut 8 Template A(r)'s. For the half diamonds cut from Strip Set 1, label those HD1 and HD1(r) accordingly. For the Half Diamonds cut from Strip Set 2, label those HD2 and HD2(r) accordingly.

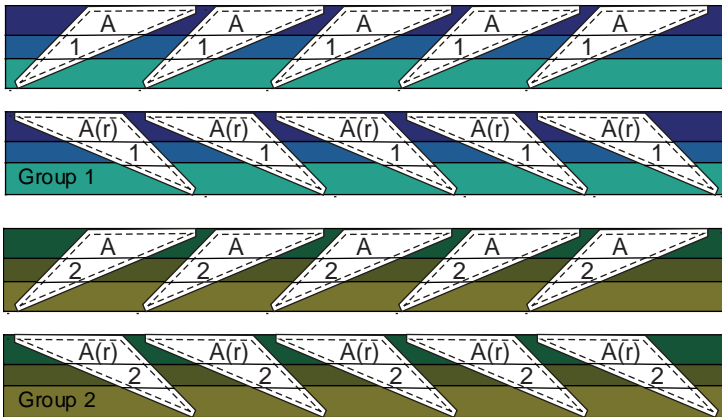


Figure 3 - Group 1 & 2 Strip Sets. Cut 8 of A and 8 of A(r) for both Strip Sets.

- Using the remaining four strip sets from Group 2, follow the cutting layout in **Figure 4**. Cut 8 of Template A and 8 of Template A(r) as done in Step 3 above. Label HD2 and HD2(r) accordingly. Carefully space the Template to allow for cutting of 8 Template A's and 8 Template A(r)'s cut from the opposite side of the strip set, having the lighter green fabric as the predominant fabric in the large portion of the template. Label HD3 and HD3(r) accordingly.

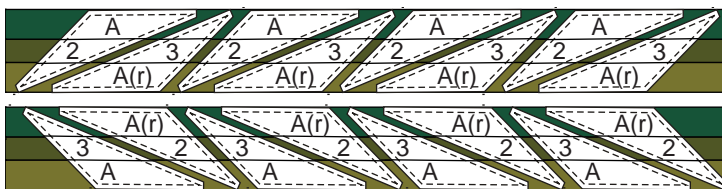
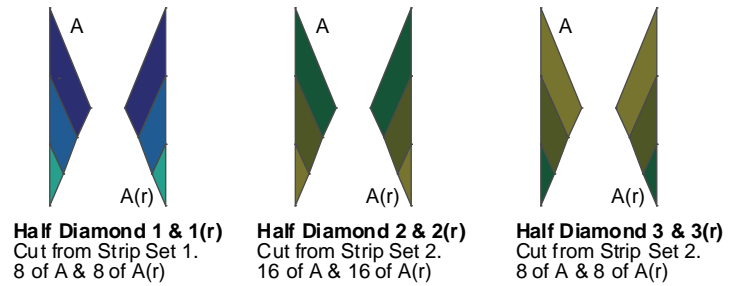


Figure 4 - Group 2: cut 8 additional Template A and Template A(r) pieces. From the opposite side of the Fabric Strips, cut 8 of Template A and A(r) pieces.

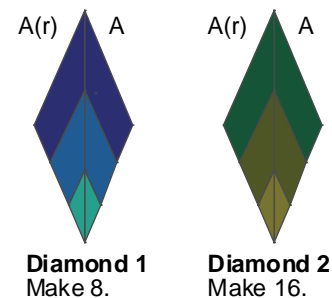
- Organize the Half Diamonds. **Figure 5** has a summary of the half diamonds required.

Figure 5 - Summary of Half Diamond cuts from Template A and Template A(r).

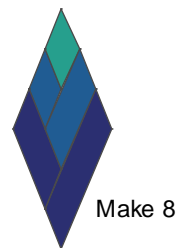


- Using all of the Half Diamonds 1 and 2, complete full Diamonds. See Figure 6 for illustration. Label accordingly as D1 and D2.

Figure 6 - Diamonds 1 and 2



- Make 8 copies of Foundation #1. **Figure 7** - Diamond 4. Make 8 Diamond 4 Units using the leftover fabric strips from Fabrics 1, 2 and 3. Follow the italic print on the foundation as a guide for which pieces to add first through last. See **Figure 7** for an illustration.



- Using the HD3 and HD3(r) units, and the background fabric cut from Template B and B(r), piece together 4 square units. Follow the illustrations in **Figure 8** for clarification. Label the 8 completed squares SC1.

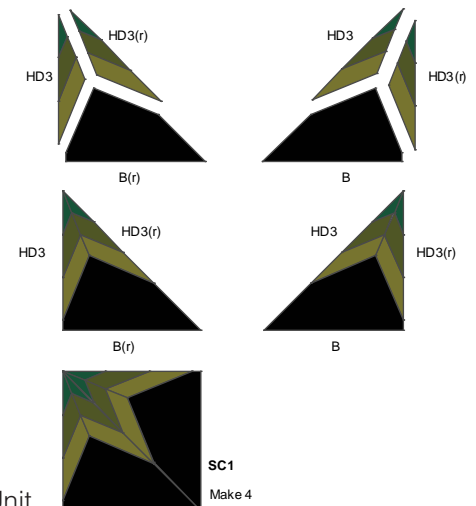
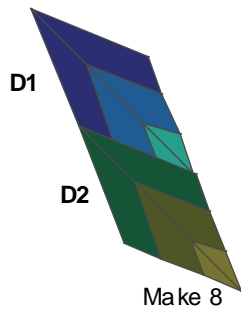


Figure 8 - Square Unit

Piecing the Quilt Top

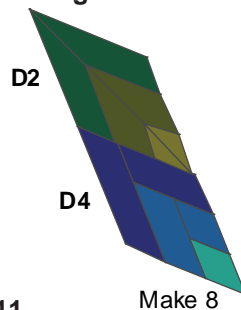
1. Sew together a Diamond 1 unit and a Diamond 2 unit. See **Figure 9** for an illustration. Make 8. Label Unit 1.

Figure 9



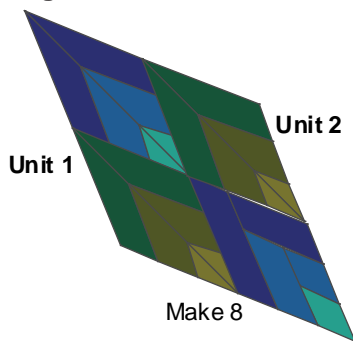
2. Sew together a Diamond 2 unit and a Diamond 4 unit. See **Figure 10** for an illustration. Make 8. Label Unit 2.

Figure 10



3. Sew together a Unit 1 to a Unit 2. See **Figure 11** for an illustration. Make 8.

Figure 11



4. Divide the 16¼" square of background fabric twice by cutting through the square from corner to corner. Follow **Figure 12** for the cutting directions. These four triangles will be used to set the star with the background fabric. Label the four units ST1.

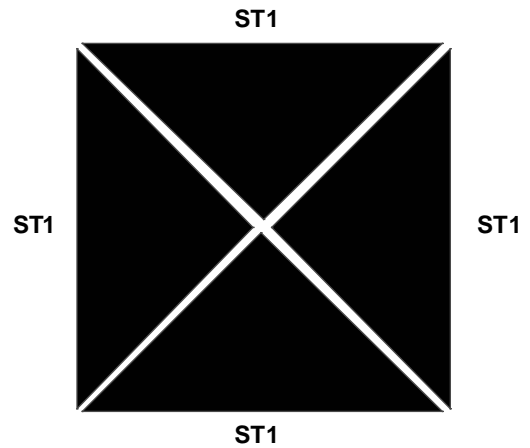
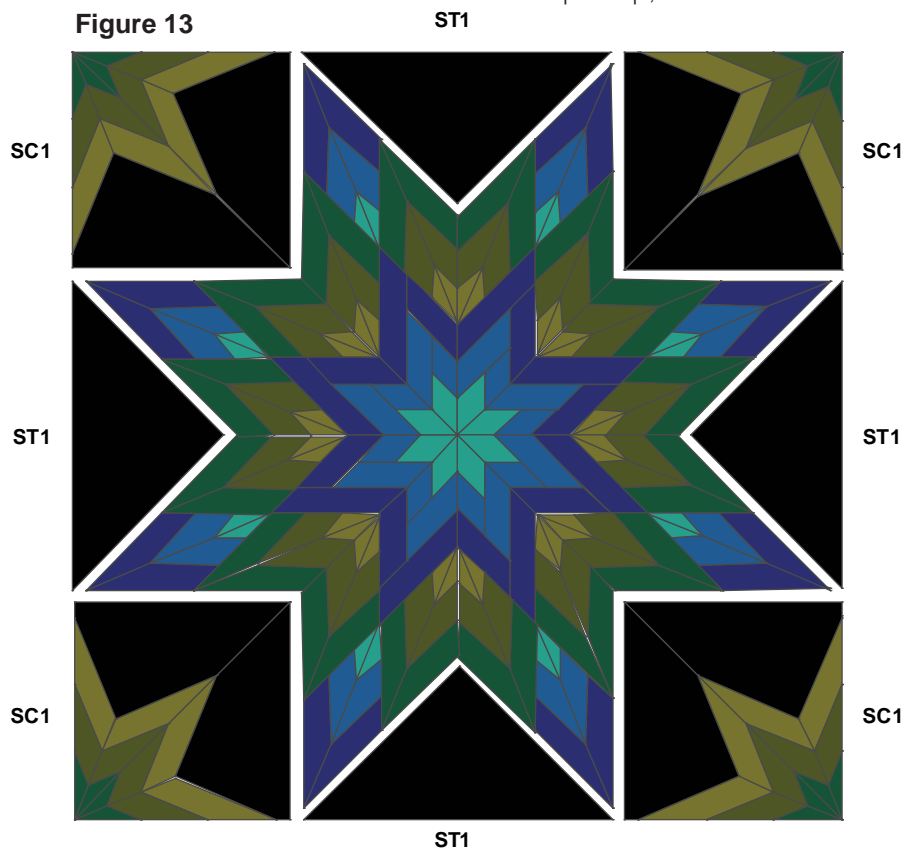


Figure 12

5. See **Figure 13** for a layout in completing the quilt top. Sew together the 8 large diamond units to form the star pattern in the quilt, making sure that Diamond 4 is the center point for all eight large diamond units. NOTE: To get the center of the star to lie flat, do not sew through the seam allowances at the star's center.
6. Add the SC1 squares to all four of the corners, making sure to have the background fabric on the interior, touching the star and the HD3's on the exterior, abutting the border.
7. Insert the ST1's in all of the unfinished areas to complete the quilt top, minus the borders.

Figure 13



Jinny's Method for Framing a Square Quilt with a Border Print

1. Place one narrow (inner) border strip across the middle of the quilt, centering a mirror-imaged motif from the narrow border at the exact center of the quilt. Use a right-angle, 45° triangle to mark the miter along one end of the strip, positioning triangle at the edge of the quilt as indicated in **Figure #18** (see arrow). Cutting where the arrow indicates, at the exact edge of the quilt top, allows for the seam allowance. Mark, then cut the miter.
2. Carefully pick up the mitered edge of the border strip and bring it over to the other end of the border strip at the opposite side of the quilt, making sure that the design matches. Upon centering a motif from the border print in the middle of the quilt, the designs should match at the edges.
3. Using the first mitered strip as a pattern, place it on the remaining three narrow border strips, matching the design exactly. Cut three more identical strips.
4. Sew the inner borders to the edges of the quilt. Begin by pinning the midpoint (precisely at a mirror image) of one of the border pieces to the middle of one of the edges of the quilt. Next, pin the corners. Then find the midpoint of each half and pin. Continue finding midpoints and pinning. Finally, ease in any fullness, pinning carefully all along the edges. Sew all four inner border strips to the quilt, stopping short of the ¼" seam allowance where the miters will meet. Sew the miters into a Y-seam last.
5. Repeat steps 1 through 4 for the middle and outer borders.
6. Finish the quilt by layering the backing, batting, and quilt top; baste.
7. Quilt, bind and finish as desired.

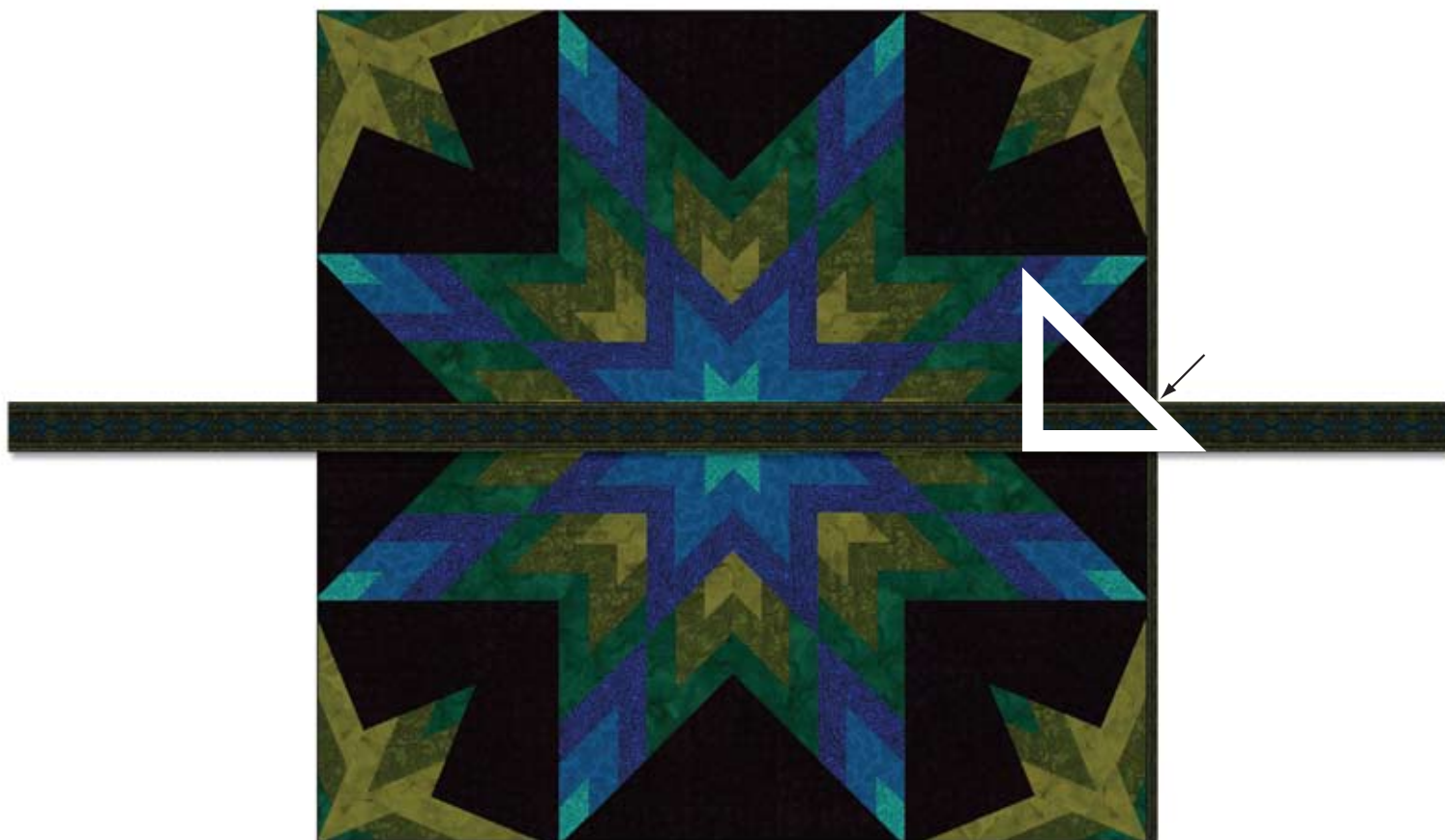
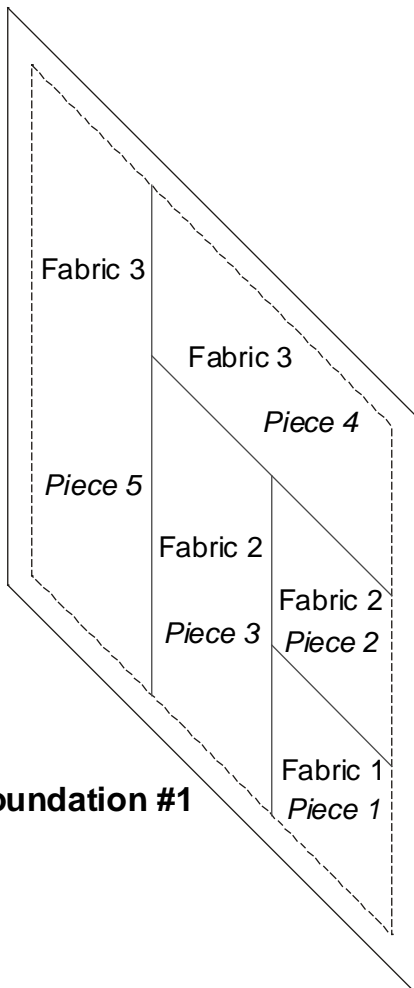
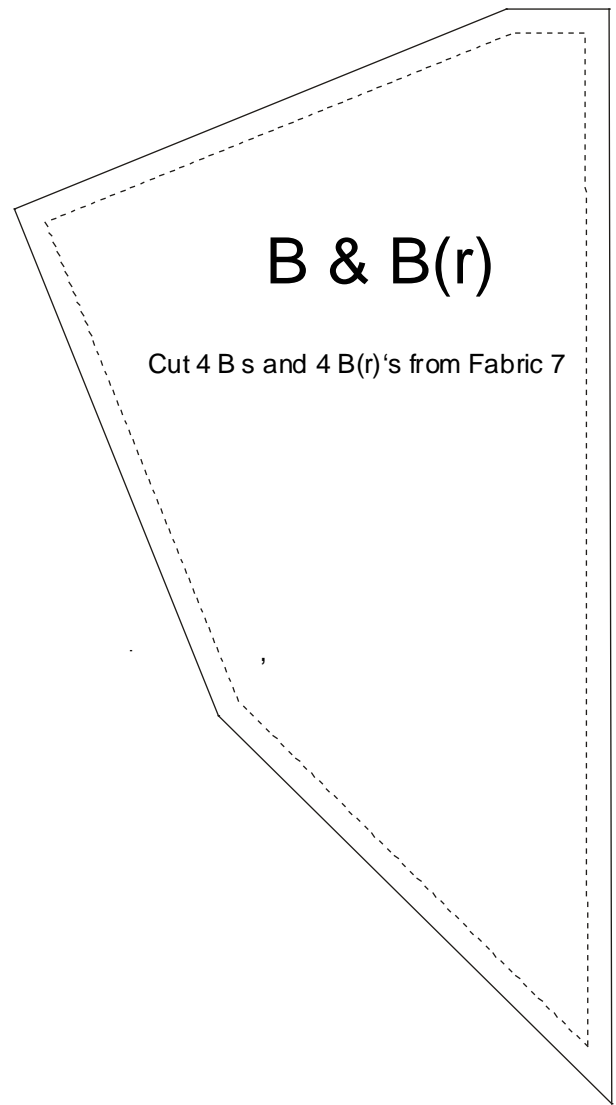
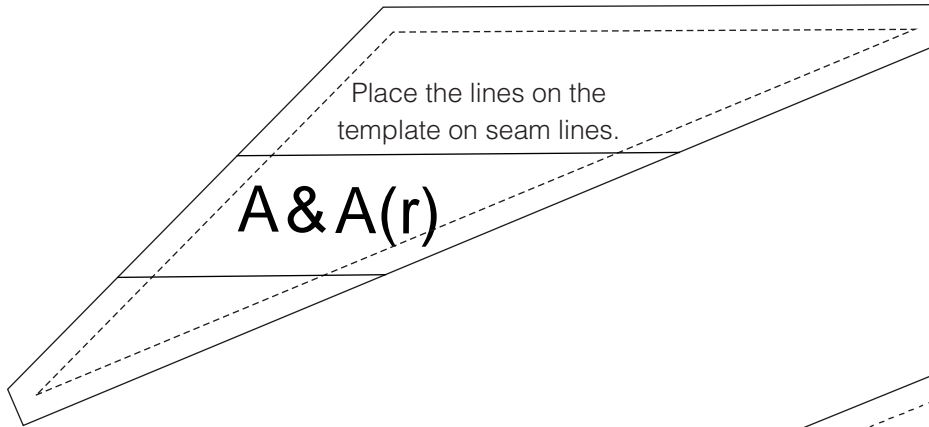


Figure 14

Templates

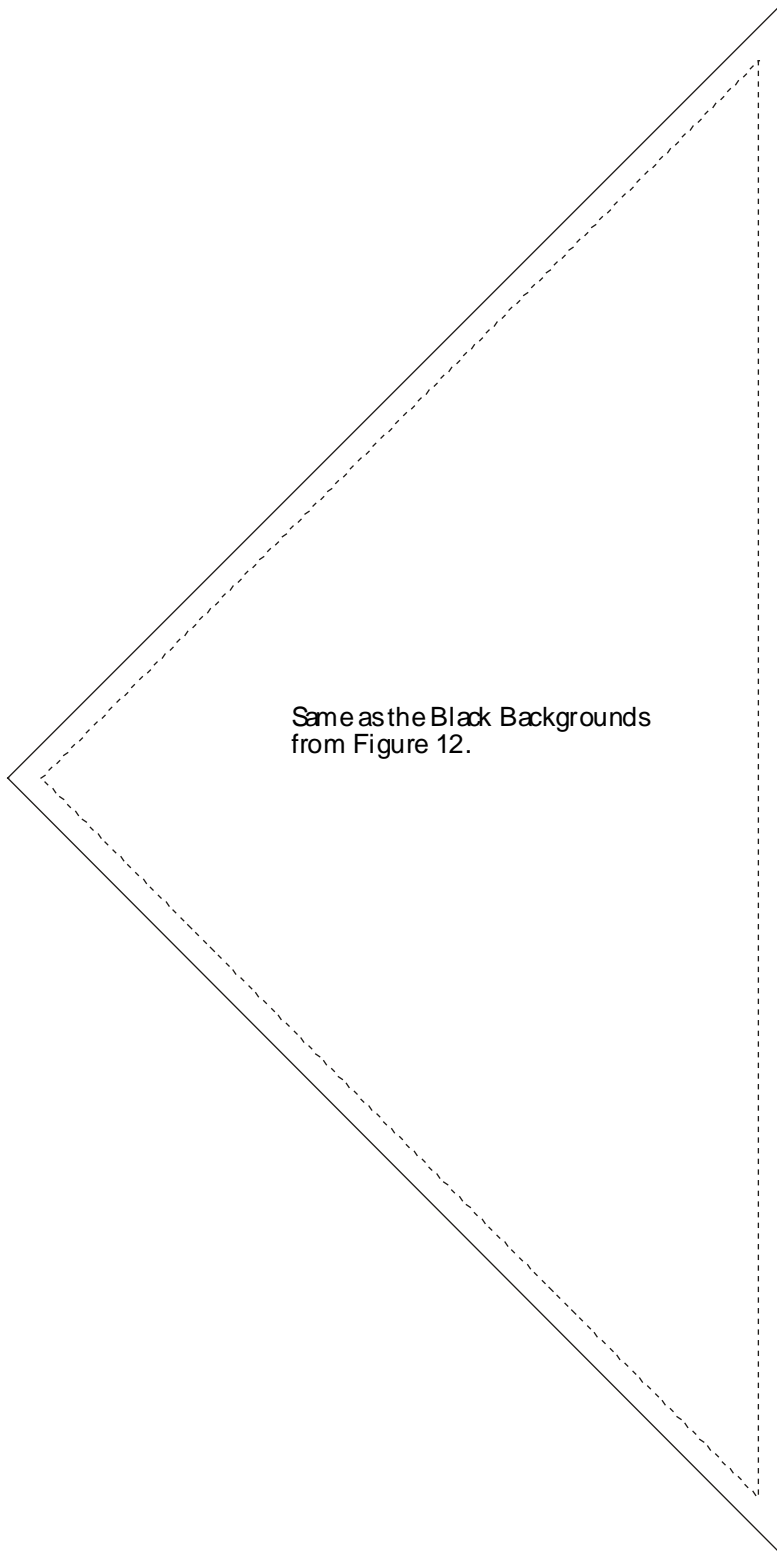
(NOT shown to scale, enlarge 200% when printing)



Use this 3" scale to insure the accuracy of your printout.

Templates

(NOT shown to scale, enlarge 200% when printing)



Use this 3" scale to insure the accuracy of your printout.