

# Blast Off!

A Free Project Sheet  
NOT FOR RESALE

By Silas M. Studio

Quilt 1

Quilt Design by Heidi Pridemore



Skill Level: Advanced Beginner

facebook



Finished Quilt Size: 53" x 73"  
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Toll Free: 800-294-9495  
fax: 212-679-4578  
www.blankquilting.net

Please check our website for pattern updates before starting this project.



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Quilt 1

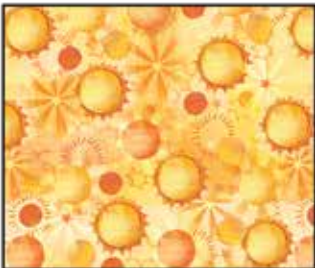
## Fabrics in the Blast Off! Collection



Astronauts, Planets and Rockets  
Navy – 2789-77



Stars  
Navy – 2790-77



Suns  
Yellow – 2791-44



Rockets  
Sky Blue – 2792-75



Sky with Clouds  
Sky Blue – 2793-75



Night Sky with Planets and Stars  
Navy – 2794-77



Astronauts  
Navy – 2795-77



Planets  
Navy – 2796-77



Book Panel - 36 inches  
Navy – 2797P-77



Solar System Panel - 24 inches  
Navy – 2798P-77

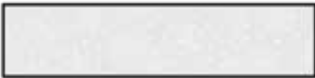
## Select Fabrics from the Starlet Collection



Kelly  
6383-Kelly



Turquoise  
6383-Turquoise



White  
6383-White



Yellow  
6383-Yellow

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## Quilt 1

## Page 1

### Materials

1 panel	Solar System Panel-24 inches - Navy (A)	2798P-77
1 ¼ yards	Suns - Yellow (B)	2791-44*
¾ yard	Rockets - Sky Blue (C)	2792-75
¾ yard	Sky with Clouds - Sky Blue (D)	2793-75
¼ yard	Starlet - Kelly (E)	6383-Kelly
¼ yard	Starlet - Turquoise (F)	6383-Turquoise
¾ yard	Stars - Navy (G)	2790-77
¼ yard	Starlet - Yellow (H)	6383-Yellow
½ yard	Planets - Navy (I)	2796-77
1 ¾ yards	Astronauts, Planets and Rockets - Navy (J)	2789-77
3 ½ yards	Astronauts - Navy (Backing)	2795-77

\*Includes binding

Batting: 61" x 81"

(Recommended: Air Lite® Colour Me 100% Cotton)

### Cutting Instructions

*Please note: All strips are cut across the width of fabric (WOF) from selvage to selvage edge unless otherwise noted.*

#### From the Solar System Panel-24 inches - Navy (A):

- Fussy cut (1) 22 ½" x 42 ½" rectangle, centered on the panel

#### From the Suns - Yellow (B), cut:

- (2) 2 ½" x 42 ½" WOF strips, piece as needed.
- (2) 2 ½" x 26 ½" WOF strips.
- (3) 1 ½" x WOF strips. Sew the strips together end to end with diagonal seams and cut (2) 1 ½" x 59 ½" strips.
- (2) 1 ½" x 41 ½" WOF strips.
- (7) 2 ½" x WOF strips for the binding.

#### From the Rockets - Sky Blue (C), cut:

- (2) 5 ½" x WOF strips. Sub-cut (8) 5 ½" squares.

#### From the Sky with Clouds - Sky Blue (D), cut:

- (2) 5 ½" x WOF strips. Sub-cut (8) 5 ½" squares.

#### From the Starlet - Kelly (E), cut:

- (1) 3 ⅜" x WOF strip. Sub-cut (8) 3 ⅜" squares.

#### From the Starlet - Turquoise (F), cut:

- (1) 3 ⅜" x WOF strip. Sub-cut (8) 3 ⅜" squares.

#### From the Stars - Navy (G), cut:

- (3) 3 ⅜" x WOF strips. Sub-cut (32) 3 ⅜" squares.

#### From the Starlet - Yellow (H), cut:

- (2) 3 ⅜" x WOF strips. Sub-cut (16) 3 ⅜" squares.

#### From the Planets - Navy (I), cut:

- (3) 2 ½" x WOF strips. Sew the strips together end to end with diagonal seams and cut (2) 2 ½" x 55 ½" strips.
- (2) 2 ½" x 39 ½" WOF strips.

#### From the Astronauts, Planets and Rockets - Navy (J), cut:

- (4) 6 ½" x WOF strips. Sew the strips together end to end with diagonal seams and cut (2) 6 ½" x 61 ½" strips.
- (3) 6 ½" x WOF strips. Sew the strips together end to end with diagonal seams and cut (2) 6 ½" x 53 ½" strips.

#### From the Astronauts - Navy (Backing), cut:

- (2) 61" x WOF strips for the backing. Sew the strips together and trim to make the 61" x 81" back.

### Block Assembly

*Note: The arrows in figures represent the fabric print direction. Pay attention to the fabric and unit orientations when assembling the various components. Use a ¼" seam allowance with right sides together (RST) unless otherwise noted.*

- Sew (1) 2 ½" x 42 ½" Fabric B strip to each side of the 22 ½" x 42 ½" Fabric A rectangle. Sew (1) 2 ½" x 26 ½" Fabric B strip to the top and to the bottom of the Fabric A rectangle to make the Center Block (Fig. 1). **Trim the block to measure 25 ½" x 45 ½".**

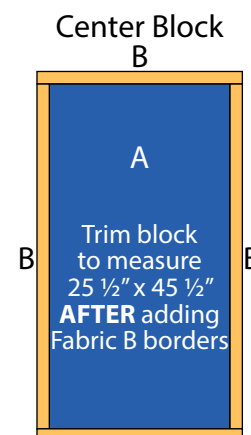


Fig. 1 B

- Place (1) 3 ⅜" Fabric E square on top of (1) 3 ⅜" Fabric G square, right sides together. Draw a line across the diagonal of the top square (Fig. 2). Sew ¼" away from each side of the drawn diagonal line (Fig. 2). Cut the (2) squares apart on the drawn diagonal line (Fig. 3) to make (2) half-square triangles. Trim the half-square triangles to measure 3" square to make (2) Unit 1 squares (Fig. 4). Repeat to make (16) Unit 1 squares total.



Fig. 2

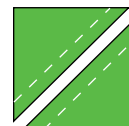


Fig. 3

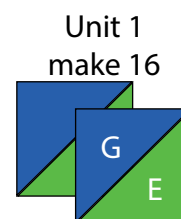


Fig. 4

3. Repeat Step 2 and refer to Figures 5-6 for fabric identification and location to make (32) Unit 2 squares and (16) Unit 3 squares.



Fig. 5



Fig. 6

4. Sew (1) Unit 1 square to the left side of (1) Unit 2 square to make the top row. Sew (1) Unit 2 square to the left side of (1) Unit 3 square to make the bottom row. Sew together the (2) rows lengthwise to make (1) 5 1/2" Block One square (Fig. 7). Repeat to make (16) Block One squares total.

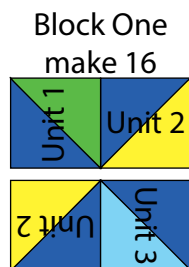


Fig. 7

5. Sew together (1) 5 1/2" Fabric D square, (1) Block One square, (1) 5 1/2" Fabric C square, (1) Block One square, (1) 5 1/2" Fabric D square, (1) Block One square, (1) 5 1/2" Fabric C square, (1) Block One square and (1) 5 1/2" Fabric D square, in that order from top to bottom, to make the Left Side Border (Fig. 8).

Left Side Border      Right Side Border



Fig. 8



Fig. 9

6. Repeat Step 5 and refer to Figures 9-11 for component identification, placement and orientation to make the Right Side Border, Top Border and Bottom Border.

Top Border



Fig. 10

Bottom Border



Fig. 11

### Quilt Top Assembly

*(Follow the Quilt Layout while assembling the quilt top.)*

7. Sew the Left Side Border and Right Side Border to the left and to the right sides of the Center Block.

8. Sew the Top Border and Bottom Border to the top and to the bottom of the Center Block.

9. Sew (1) 2 1/2" x 55 1/2" Fabric I strip to each side of the Center Block. Sew (1) 2 1/2" x 39 1/2" Fabric I strip to the top and to the bottom of the Center Block.

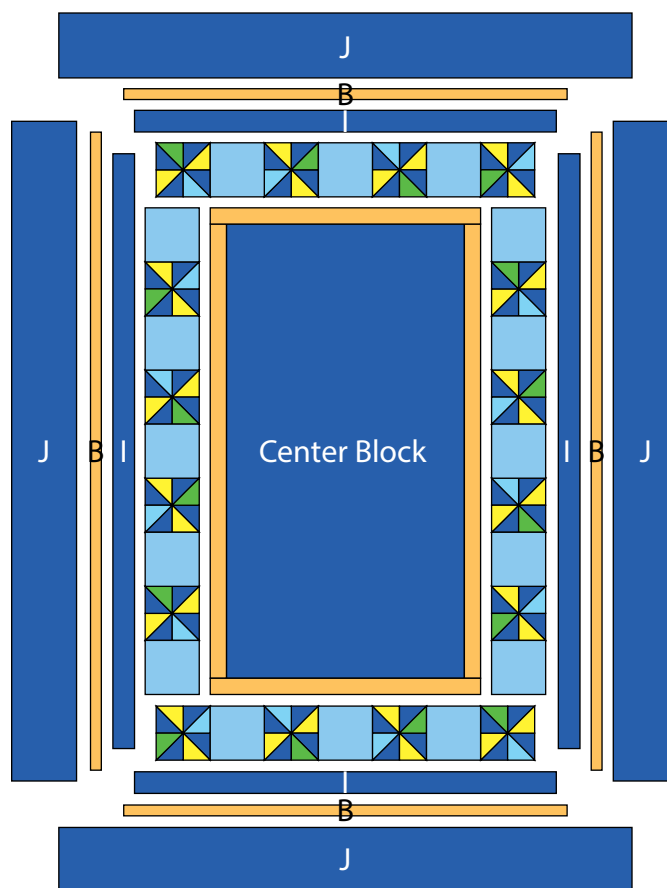
10. Sew (1) 1 1/2" x 59 1/2" Fabric B strip to each side of the Center Block. Sew (1) 1 1/2" x 41 1/2" Fabric B strip to the top and to the bottom of the Center Block.

11. Sew (1) 6 1/2" x 61 1/2" Fabric J strip to each side of the Center Block. Sew (1) 6 1/2" x 53 1/2" Fabric J strip to the top and to the bottom of the Center Block to make the quilt top.

12. Layer and quilt as desired.

13. Sew the (7) 2 1/2" x WOF Fabric B strips together, end to end with 45-degree seams, to make the binding. Fold this long strip in half lengthwise with wrong sides together and press.

14. Bind as desired.



Quilt Layout

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