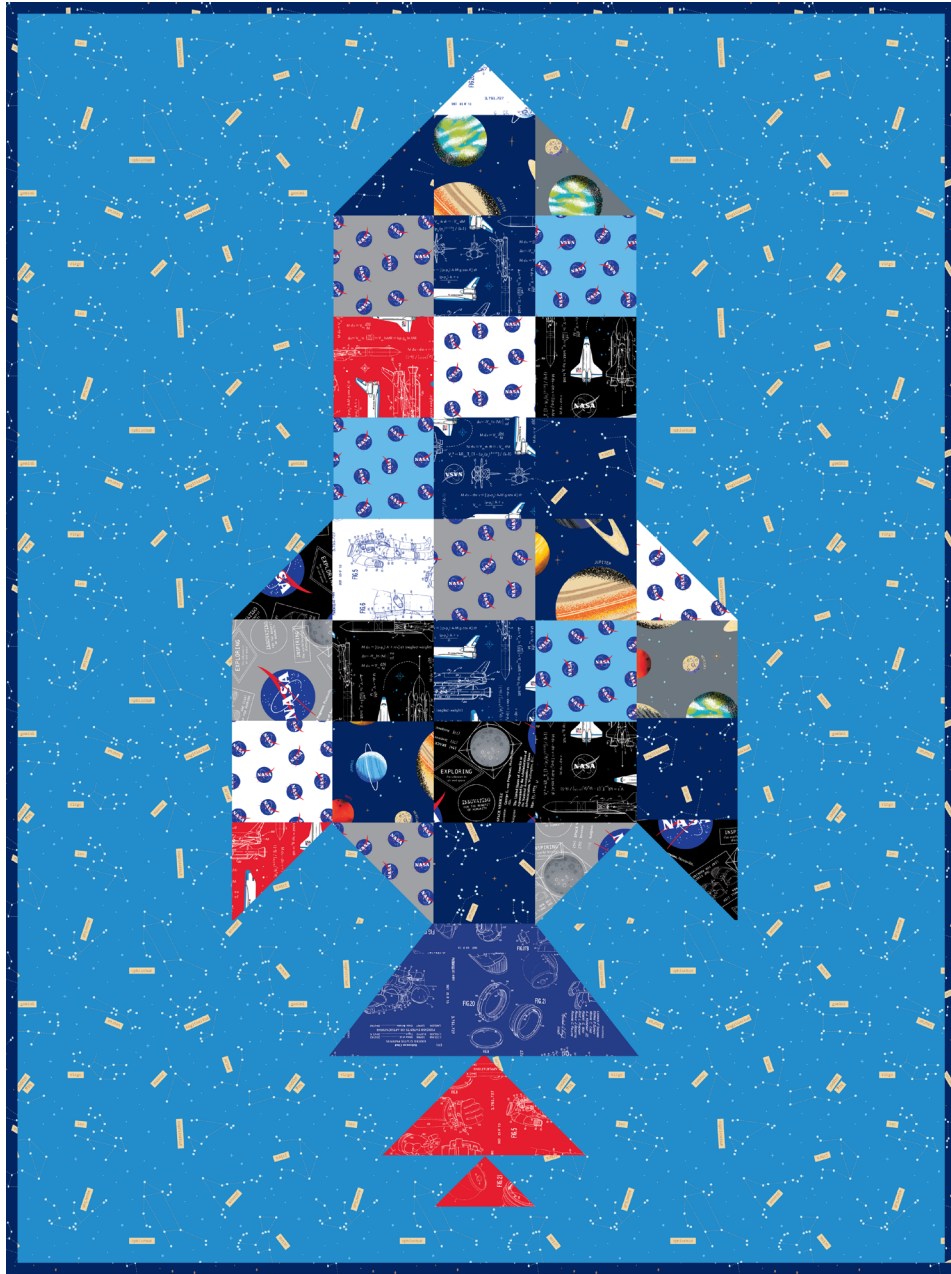


# ROCKET QUILT

Riley Blake  
DESIGNS



42" x 56"



= Confident Beginner

11/01/2024

# ROCKET QUILT

## FINISHED QUILT SIZE 42" × 56"

Please read all instructions before beginning the project. Yardage is calculated using a 42" usable width of fabric. Pattern designed by The RBD Designers.

## GENERAL INSTRUCTIONS

Please check [www.rileyblakedesigns.com/pattern-updates](http://www.rileyblakedesigns.com/pattern-updates) or scan the QR Code for any revisions before starting this project. This pattern requires a basic knowledge of quilting techniques and terminology. The quilt and block diagrams portrayed are virtual images. The layout and look of your project may differ when using actual fabric. It is not recommended to prewash fabric before cutting and assembling.



WOF = Width of Fabric  
RST = Right Sides Together  
SNF = Stitch and Flip  
HST = Half Square Triangle

## FABRIC REQUIREMENTS

All fabrics are from the Outer Space by NASA collection unless stated otherwise.

(1) 10-15480-42 10" Stacker  
Fat Quarter C15485-BLUE Spacesuit Patent  
1 ¾ Yards C15483-COBALT Constellations  
½ Yard C15483-NAVY Constellations (Binding)

## OTHER SUPPLIES

Basic Sewing Supplies  
1 ¾ Yards WB200-OVERCAST Shade Wide Back backing  
Batting

## CUTTING INSTRUCTIONS

When cutting fabrics, use a straight edge ruler and rotary cutter. Measurements include ¼" seam allowance. Label, allocate, and organize all cuts as noted.



### 10" Stacker

From (1) 10" square, cut:  
(2) 5" × 5" squares. Label as A.  
(2) 2 ¾" × 2 ¾" squares. Label as B.  
From remaining 10" squares, cut:  
(30) 5" × 5" squares. Label as C.



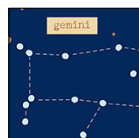
### Blue Spacesuit Patent

Cut (1) 6 ¼" × 14" rectangle. Label as D.  
Cut (3) 5" × 5" squares. Label as C.



### Cobalt Constellations

Cut (1) 14 ½" × WOF strip. Subcut:  
(2) 14 ½" × 15 ½" rectangles. Label as E.  
Cut remainder of strip into (2) 5" strips; subcut:  
(2) 5" × 7 ¼" rectangles. Label as F.  
Cut (2) 10" × WOF strips. Subcut:  
(2) 10" × 36 ½" rectangles. Label as G.  
Cut (4) 5" × WOF strips. Subcut:  
(2) 5" × 19" rectangles. Label as H.  
(2) 5" × 18 ½" rectangles. Label as I.  
(2) 5" × 6 ¼" rectangles. Label as J.  
(10) 5" × 5" squares. Label as K.  
Cut (1) 3" × WOF strip. Subcut:  
(1) 3" × 14" rectangle. Label as L.  
(2) 2 ¾" × 5" rectangles. Label as M.  
(2) 2 ¾" × 2 ¾" squares. Label as N.



### Navy Constellations

Cut (6) 2 ½" × WOF strips for binding.

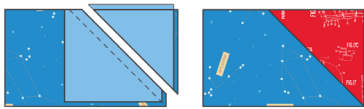
# ROCKET QUILT

## SEWING TECHNIQUES

Sew all seams RST and with a  $\frac{1}{4}$ " seam allowance unless stated otherwise. Refer to the quilt layout diagram for placement of the prints. Press seams as desired unless stated otherwise. Dimensions listed in steps are unfinished sizes. Please refer to the following general sewing techniques as these methods are referenced throughout the pattern in their abbreviated form.

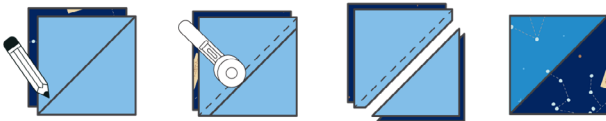
### STITCH AND FLIP METHOD (SNF)

Place (2) pieces RST, matching raw edges in the corner to be replaced. Draw a diagonal line on the wrong side of the smaller piece across the corner. Stitch on the drawn line. Trim the seam allowance above the sewn line to  $\frac{1}{4}$ ". Flip the small piece away from the bottom piece and press, replacing the corner. The size of the larger, original piece does not change.

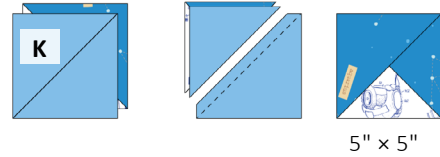


### 1-AT-A-TIME HALF SQUARE TRIANGLE METHOD (HST)

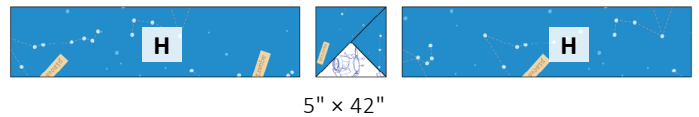
Place (2) squares RST. Draw a diagonal line on the wrong side of one square. Stitch on the drawn line. Trim the seam allowance above the sewn line to  $\frac{1}{4}$ ". The size of the square does not change.



2. Use the SNF method to add (1) **K**-square to the top left corner of (1) HST unit as shown below to make (1) Nose Cone Unit. (Pay attention to the orientation of the HST.)

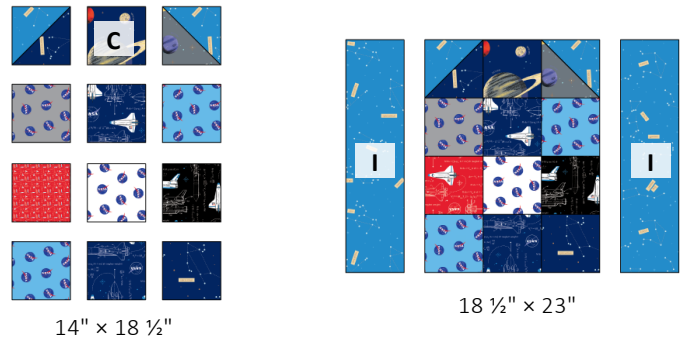


3. Sew (2) **H**-rectangles and (1) Nose Cone Unit together as shown below to make (1) Nose Cone Row.

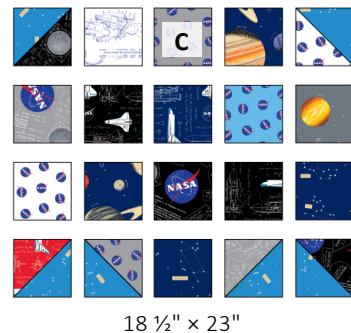


4. Sew (2) HST units and (10) **C**-squares together in rows as shown below. Next, sew the rows together to make (1) unit.

5. Sew (1) **I**-rectangle to each side of the Step 4 unit to make (1) Section 1.



6. Sew (6) HST units and (14) **C**-squares together in rows as shown below. Next, sew the rows together to make (1) Section 2. (Pay attention to the orientation of the HSTs.)



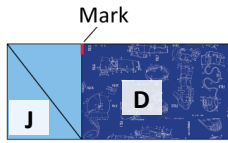
## QUILT ASSEMBLY

1. Gather the required pieces and use the 1-at-a-time HST method to make the unit shown below, referencing the diagram for quantity, proper placement, and orientation.

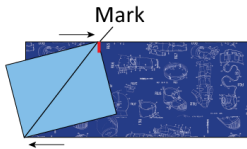


# ROCKET QUILT

7. Draw a diagonal line on the wrong side of (1) **J**-rectangle from the top left to the bottom right. With RST, place the marked **J**-rectangle on (1) **D**-rectangle, aligning the top, bottom, and left side edges. Mark the **D**-rectangle next to the top right corner of the **J**-rectangle as shown below.



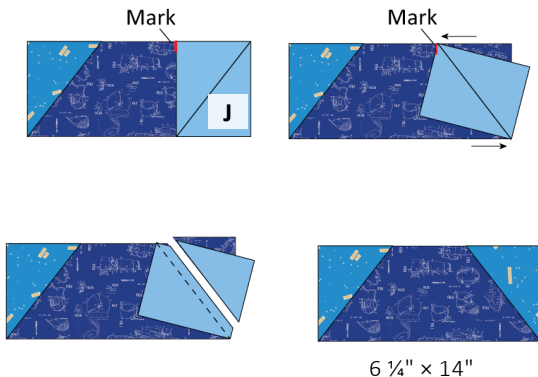
8. Position the top left corner of the marked **J**-rectangle with the marked line on the **D**-rectangle and the bottom right corner of the marked **J**-rectangle with the bottom left corner of the **D**-rectangle as shown below.



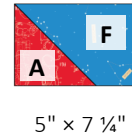
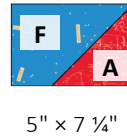
9. Stitch on the diagonal line. Trim the seam allowance on the left of the sewn line to 1/4".



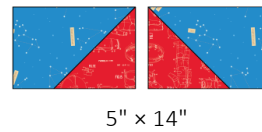
10. Repeat steps 7-9 on the right side of the same **D**-rectangle, reversing the placement of the **J**-rectangle. Draw a diagonal line on the wrong side of (1) **J**-rectangle from the bottom left to the top right. Place a mark on the **D**-rectangle on the top left corner of the **J**-rectangle. Position the **J**-rectangle as shown below, then stitch, trim, and press as before to make (1) Large Rocket Exhaust Unit.



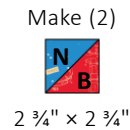
11. Use the SNF method to make the units shown below, referencing the diagram for proper placement and orientation.



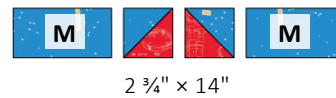
12. Sew (2) Step 11 SNF units together as shown below to make (1) Medium Rocket Exhaust Unit.



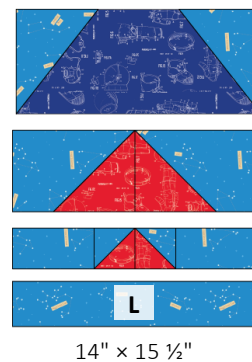
13. Use the 1-at-a-time HST method to make the unit shown below, referencing the diagram for quantity, proper placement, and orientation.



14. Sew (2) **M**-rectangles and (2) Step 13 HST units together as shown below to make (1) Small Rocket Exhaust Unit.

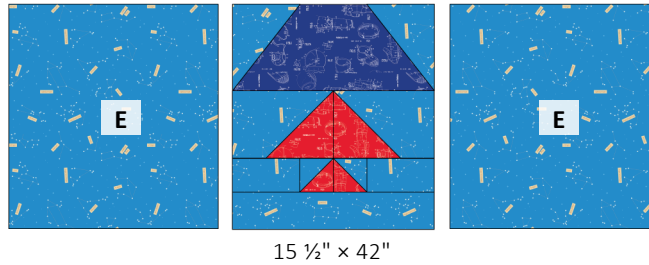


15. Sew (1) Large, (1) Medium, (1) Small Rocket Exhaust Unit, and (1) **L**-rectangle together as shown below to make (1) Rocket Exhaust Unit.



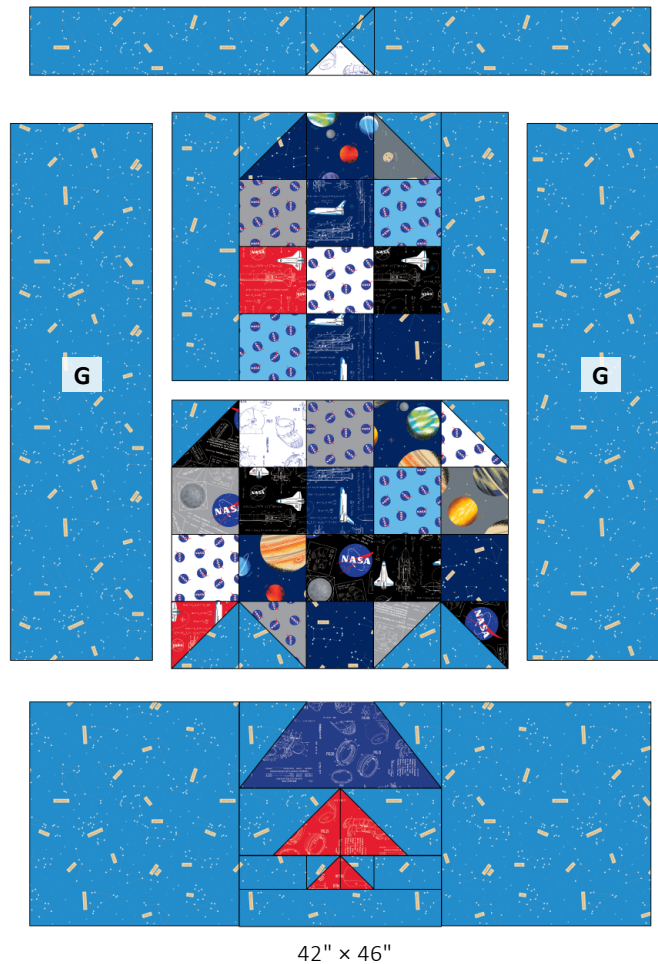
# ROCKET QUILT

16. Sew (1) **E**-rectangle to each side of (1) Rocket Exhaust Unit to make (1) Tail Section.



17. Sew Section 1 and Section 2 together. Next, add (1) **G**-rectangle to each side. Sew (1) Nose Cone Row to the top and (1) Tail Section Unit to the bottom to complete the quilt top, which should measure 42" x 46".

## QUILT LAYOUT DIAGRAM



## FINISHING INSTRUCTIONS

18. Finish the quilt by layering the quilt top, batting, and backing. Baste the quilt layers together and quilt as desired. Sew the Navy Constellations binding strips together end-to-end. Then bind the trimmed, finished quilt using your favorite binding method.

Enjoy and share your quilt using the hashtags [#outerspacebynasafabric](#), [#rocketquilt](#), [#rileyblakedesigns](#), and [#iloverileyblake](#).