


OUTER SPACE PANEL QUILT

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DESIGNS.



72 1/2" x 102 1/2"



 = Confident Beginner

11/01/2024

OUTER SPACE PANEL QUILT

FINISHED QUILT SIZE 72 ½" × 102 ½"

Please read all instructions before beginning this project.
Yardage calculated using a 42" usable width of fabric.

Pattern designed by The RBD Designers

GENERAL INSTRUCTIONS

Please check 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.



Always verify your panel size before beginning. If your panel measurements differ from those given in the pattern, trim to the desired size or use coping strips to alter the size of your panel. If coping strips are needed, add oversized, coordinating strips of fabric to the necessary edges of the panel, then trim to the size specified in the pattern.

WOF = Width of Fabric
RST = Right Sides Together
HST = Half Square Triangle

FABRIC REQUIREMENTS

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

- (1) P15487-PANEL NASA Spacesuit Panel
- (2) 10-15480-42 10" Stackers
- ¼ yard C15485-BLUE Spacesuit Patent
- 4 ½ yards C15483-COBALT Constellations
- ¾ yard C15485-RED Spacesuit Patent (binding)

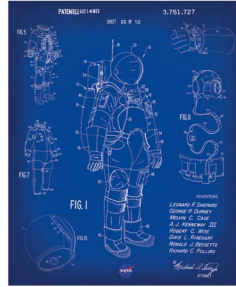
OTHER SUPPLIES

Basic Sewing Supplies
3 ½ yards WB200-PHANTOM Shades 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.

Before cutting, separate the fabrics in the stackers and match them by print.



NASA Spacesuit Panel

Fussy cut (1) panel 34 ½" × 40 ½", centered over the motif.*

**Note: If the panel motif reaches the edge of the cut, add coping strips first and then trim to the required size once the strips are added.*



10" Stackers

From each of (8) prints, cut:

- (2) 7" × 7" squares. Label as A.
- (1) 6 ½" × 6 ½" square. Label as B.

From remaining prints, cut (32) sets of matching:

- (2) 3 ½" × 3 ½" squares. Label as C.
- (1) 3" × 3" square. Label as D.



Blue Spacesuit Patent

Cut (4) 1 ½" × WOF strips.

- (2) 1 ½" × 40 ½" rectangles. Label as E.
- (2) 1 ½" × 36 ½" rectangles. Label as F.

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Cobalt Constellations

- Cut (3) 7" x WOF strips. Subcut:
- (16) 7" x 7" squares. Label as G.
 - (2) 6 1/2" x 6 1/2" squares. Label as H.
- Cut (5) 6 1/2" x WOF strips. Subcut:
- (30) 6 1/2" x 6 1/2" squares. Label as H.
- Cut (1) 6" x WOF strip. Subcut:
- (4) 6" x 8" rectangles. Label as I.
 - (1) 5" x 8" rectangle. Label as J.
- Cut (1) 5 1/2" x WOF strip. Subcut:
- (4) 5 1/2" x 8" rectangles. Label as K.
 - (1) 5" x 8" rectangle. Label as J.
- Cut (3) 5" x WOF strips. Subcut:
- (2) 5" x 18 1/2" rectangles. Label as L.
 - (10) 5" x 8" rectangles. Label as J.
- Cut (10) 3 1/2" x WOF strips. Subcut:
- (6) 3 1/2" x 12 1/2" rectangles. Label as M.
 - (8) 3 1/2" x 8" rectangles. Label as N.
 - (64) 3 1/2" x 3 1/2" squares. Label as O.
- Cut (10) 3" x WOF strips. Subcut:
- (128) 3" x 3" squares. Label as P.
- Cut (2) 2 3/4" x WOF strips. Subcut:
- (4) 2 3/4" x 18 1/2" rectangles. Label as Q.

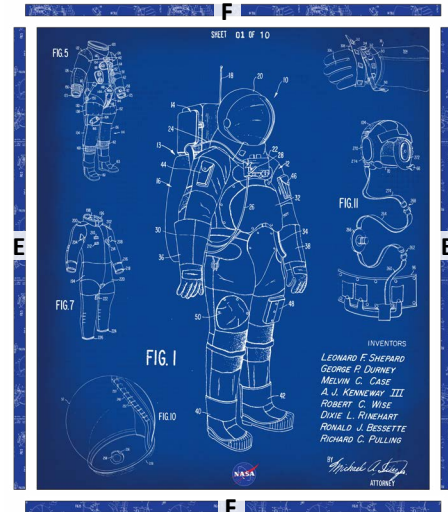


Red Spacesuit Patent

- Cut (9) 2 1/2" x WOF strips. Set aside for binding.

QUILT ASSEMBLY

1. Sew (1) **E**-rectangle to each side of the Panel. Next, sew (1) **F**-rectangle to the top and bottom to make the Quilt Center.



36 1/2" x 42 1/2"

2. Gather the required pieces and use the 2-at-a-time HST method to make the units shown below, referencing the diagram for quantity, proper placement, and orientation.

Make (32)



6 1/2" x 6 1/2"

Make (128)



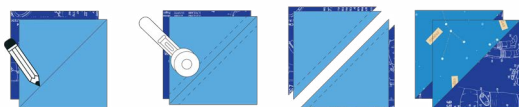
3" x 3"

SEWING TECHNIQUES

Sew all seams RST and with a 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 technique as this method is referenced throughout the pattern in its abbreviated form.

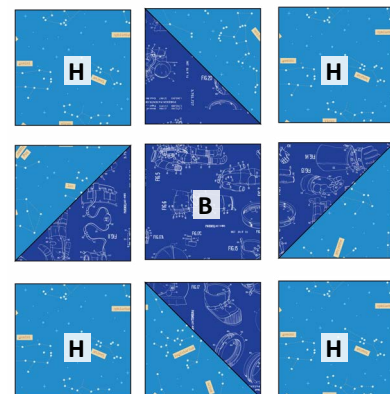
2-AT-A-TIME HALF SQUARE TRIANGLE METHOD (HST)

Place (2) squares RST. Draw a diagonal line on the wrong side of one square. Stitch 1/4" on each side of the drawn line. Cut on the drawn line to create (2) HSTs. Press toward the darker fabric. Trim HSTs to the indicated size.



3. Arrange (4) **H**-squares, (4) matching **A/G** HST units, and (1) matching **B**-square as shown below. Sew the pieces and units together into rows. Next, sew the rows together to make (1) Large Star Unit. Repeat to make (8) total units.

Make (8)



18 1/2" x 18 1/2"

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4. Arrange (4) **P**-squares, (4) matching C/O HST units, and (1) matching **D**-square as shown below. Sew the pieces and units together into rows. Next, sew the rows together to make (1) Small Star Unit. Repeat to make (32) total units.

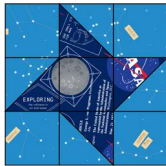
Make (32)



8" x 8"

5. Sew (1) Small Star Unit and (1) **J**-rectangle together as shown below to make (1) Star Unit. Repeat to make (12) total units.

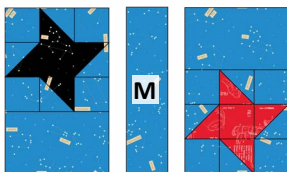
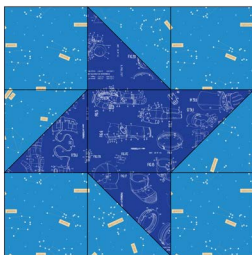
Make (12)



8" x 12 1/2"

6. Sew (2) Star Units and (1) **M**-rectangle together as shown below. Next, add (1) Large Star Unit to the top to make (1) Section 1 Unit. Repeat to make (2) total units.

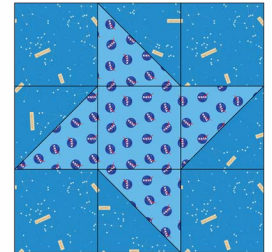
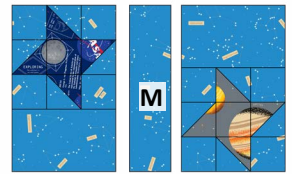
Make (2)



18 1/2" x 30 1/2"

7. Sew (2) Star Units and (1) **M**-rectangle together as shown, right. Next, add (1) Large Star Unit to the bottom to make (1) Section 2 Unit. Repeat to make (2) total units.

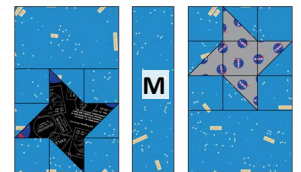
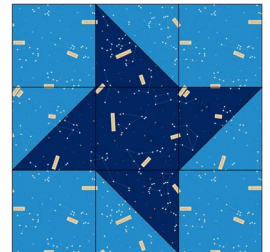
Make (2)



18 1/2" x 30 1/2"

8. Sew (2) Star Units and (1) **M**-rectangle together as shown, right. Next, add (1) Large Star Unit to the top to make (1) Section 3 Unit. Repeat to make (2) total units.

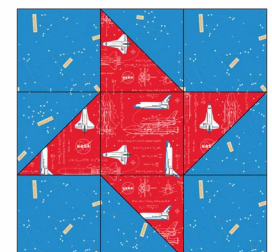
Make (2)



18 1/2" x 30 1/2"

9. Sew (2) Small Star Units and (1) **N**-rectangle together as shown, right. Next, add (1) Large Star Unit and (1) **L**-rectangle to the bottom to make (1) Section 4 Unit. Repeat to make (2) total units.

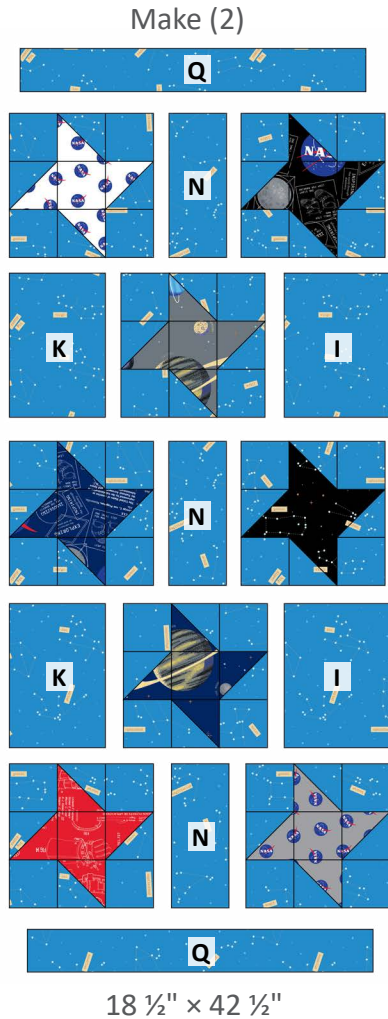
Make (2)



18 1/2" x 30 1/2"

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10. Arrange (2) **Q**-rectangles, (8) Small Star Units, (3) **N**-rectangles, (2) **K**-rectangles, and (2) **I**-rectangles as shown below. Sew the units and pieces into rows. Next, sew the rows together to make (1) Section 5 Unit. Repeat to make (2) total units.



11. Referring to the Quilt Layout Diagram on page 6, sew (2) Section 1 Units, (2) Section 2 Units, (2) Section 3 Units, (2) Section 4 Units, (2) Section 5 Units, and (1) Quilt Center together into rows. Next, sew the rows together to complete the quilt top, which should measure 72 ½" × 102 ½".

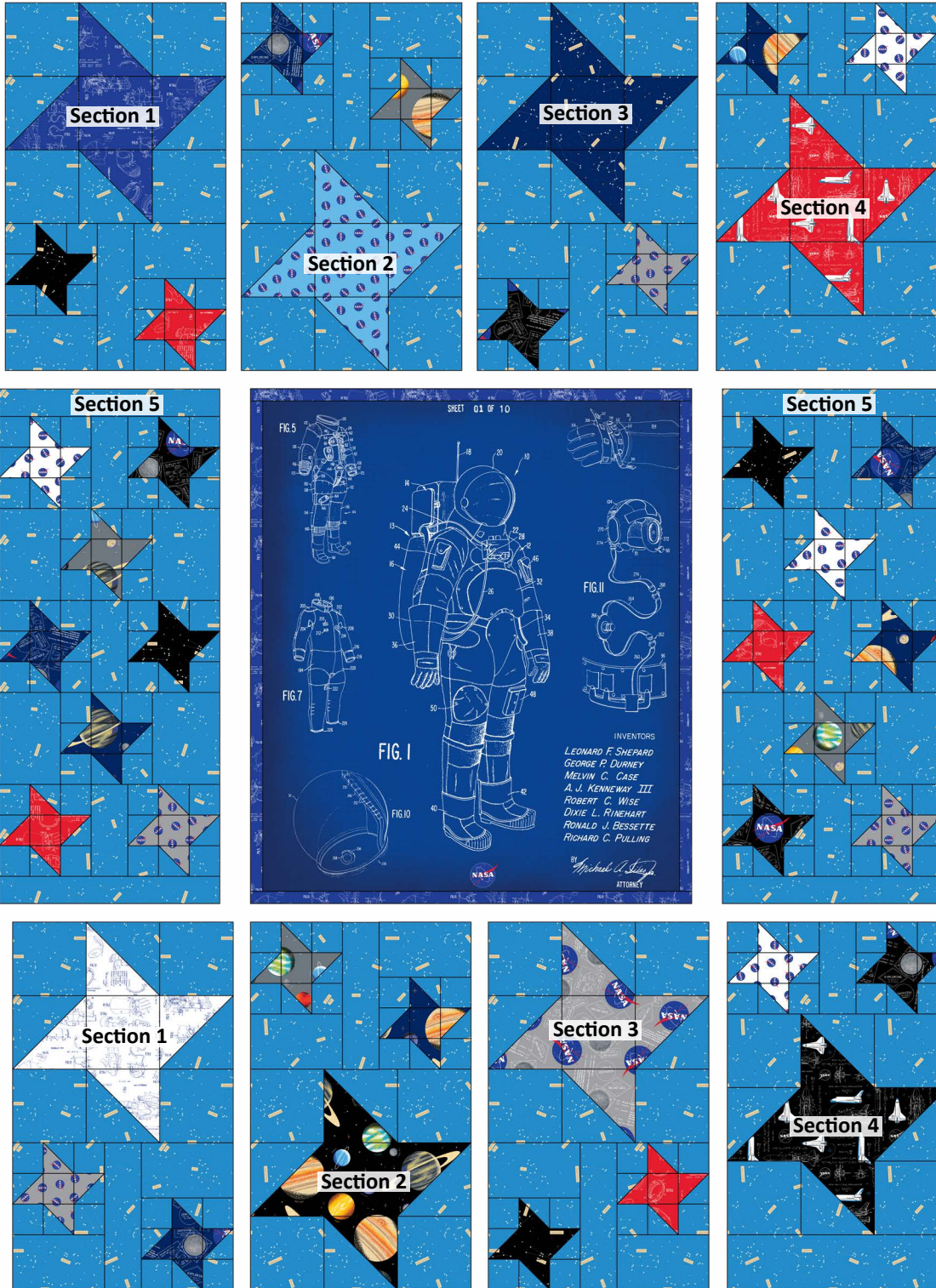
FINISHING INSTRUCTIONS

12. Finish the quilt by layering the quilt top, batting, and backing. Baste the quilt layers together and quilt as desired. Sew the Red Spacesuit Patent 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 [#outerspacebyanasafabric](#), [#outerspacepanelquilt](#), [#rileyblakedesigns](#), and [#iloverileyblake](#).

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QUILT LAYOUT DIAGRAM



72 1/2" x 102 1/2"