

Lift Off Quilt designed by: **Andover Design Team**

Quilt Size: **44" x 65"** • Skill Level: **Confident Beginner**

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Lift Off

Featuring Makower UK's new collection: Orbit
Quilt designed by Andover Design Team

Finished Quilt: 44'' x 65''

Quilt Cutting Directions

Note: Read assembly directions before cutting.
Borders are cut to exact length required plus ¼" seam allowance. WOF designates the width of fabric from selvedge to selvedge (approximately 42" wide).

Fabric A Fussy cut (1) 22 ½" x 42 ½" rectangle centered on the panel.

Fabric B Cut (4) 3 ½" x WOF strips. Sub-cut (2) strips into (2) 3 ½" x 42 ½" strips, piece as needed. From the remaining (2) strips cut (2) 3 ½" x 26 ½" strips, (2) 3 ½" x 6 ½" strips and (2) 3 ½" squares.

Fabric C Cut (1) 3 ½" x WOF strip. Sub-cut the strip into (2) 3 ½" x 5 ½" strips and (2) 3" x 5 ½" strips.

Fabric D Cut (2) 3 ½" x 27 ½" WOF strips
Cut (2) 3" x 42 ½" WOF strips, piece as needed.

Fabric E Cut (1) 3" x WOF strip. Sub-cut the strip into (2) 3" x 5 ½" strips.

Fabric F Cut (1) 3" x WOF strip. Sub-cut the strip into (4) 3" x 5 ½" strips.

Fabric G Cut (4) 3 ½" x 26 ½" WOF strips.
Cut (4) 3 ½" x 42 ½" WOF strips, piece as needed.
Cut (1) 3 ½" x WOF strip. Sub-cut the strip into (2) 3 ½" squares and (2) 3 ½" x 6 ½" strips.
Cut (1) 3 ½" x WOF strip. Sub-cut the strip into (2) 3 ½" x 9 ½" strips.
Cut (1) 3" x WOF strip. Sub-cut the strip into (4) 3" squares, (2) 2 ⅞" squares and (4) 2 ½" squares.
Cut (1) 2 ½" x WOF strip. Sub-cut the strip into (4) 2 ½" x 8 ½" strips.
Cut (1) 1 ½" x WOF strip. Sub-cut the strip into (2) 1 ½" x 5 ½" strips.

Fabric Requirements

Quilt		Yardage	Fabric
Fabric A	**panel**	1 panel	254-1
Fabric B	**borders**	¾ yard	247-B
Fabric C	**blocks**	¼ yard	249-T
Fabric D	**borders**	⅝ yard	250-B
Fabric E	**blocks**	¼ yard	250-Y
Fabric F	**blocks**	¼ yard	251-M
Fabric G	**background**	1 ½ yards	252-Q
Fabric H	**blocks**	⅛ yard	253-O
Fabric I	**blocks**	¼ yard	253-R
Binding		½ yard	237-B
Backing	**(42")**	3 yards	Your Choice

Fabric H Cut (1) 2 ½" x WOF strip. Sub-cut the strip into (4) 2 ½" x 4 ½" strips.

Fabric I Cut (1) 2 ⅞" x WOF strip. Sub-cut the strip into (2) 2 ⅞" squares and (4) 2 ½" squares.

Binding Cut (6) 2 ½" x WOF strips.

Backing Cut (2) 52" x WOF strips. Sew the strips together and trim to make (1) 52" x 73" backing.

Making the Quilt

Note: Pay attention to the unit orientations when assembling the various components.

Block Assembly

1. Sew (1) 3" x 42 ½" Fabric D strip to each side of the 22 ½" x 42 ½" Fabric A rectangle. Sew (1) 3 ½" x 27 ½" Fabric D strip to the top and bottom of the Fabric A rectangle to make the Quilt Center (Diagram 1). **Trim the Quilt Center to measure 26 ½" x 47 ½".**

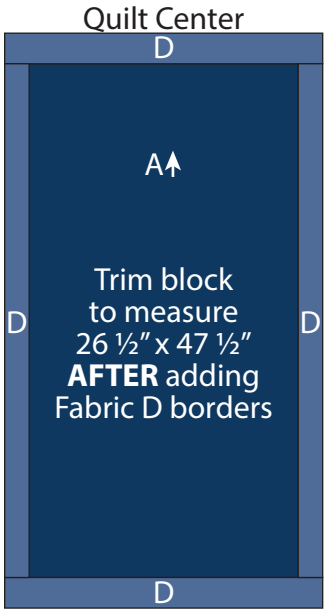
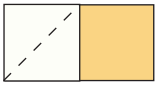
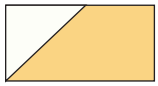


Diagram 1

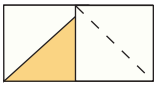
2. Place (1) 3" Fabric G square on the left side of (1) 3" x 5 ½" Fabric E strip, right sides together (Diagram 2). Sew across the diagonal of the square from the upper right corner to the lower left corner (Diagram 2). Flip open the triangle formed and press (Diagram 3). Trim away the excess fabric from behind the triangle, leaving a ¼" seam allowance.


Diagram 2


Diagram 3

3. Place another 3" Fabric G square on the right side of the 3" x 5 ½" Fabric E strip, right sides together (Diagram 4). Sew across the diagonal of the square from the upper left corner to the lower right corner (Diagram 4). Flip open the triangle formed and press. Trim away the excess fabric from behind the triangle, leaving a ¼" seam allowance to make (1) Unit 1 rectangle (Diagram. 5).

4. Repeat Steps 2-3 to make a second Unit 1 rectangle.


Diagram 4

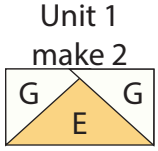


Diagram 5

5. Place (1) 2 ½" Fabric G square on the left side of (1) 2 ½" x 4 ½" Fabric H strip, right sides together. Sew across the diagonal of the square from the upper left corner to the lower right corner. Flip open the triangle formed and press. Trim away the excess fabric from behind the triangle, leaving a ¼" seam allowance.

6. Place (1) 2 ½" Fabric I square on the right side of the 2 ½" x 4 ½" Fabric H strip, right sides together. Sew across the diagonal of the square from the upper left corner to the lower right corner. Flip open the triangle formed and press. Trim away the excess fabric from behind the triangle, leaving a ¼" seam allowance to make (1) Unit 2 rectangle (Diagram.6).

7. Repeat Steps 5-6 to make a second Unit 2 rectangle.

8. Repeat Steps 5-6 and refer to Diagram 7 for fabric identification, placement and seam direction to make (2) 2 ½" x 4 ½" Unit 3 rectangles.

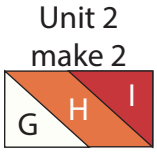


Diagram 6

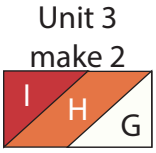


Diagram 7

9. Place (1) 2 ⅞" Fabric G square on top of (1) 2 ⅞" Fabric I square, right sides together. Draw a line across the diagonal of the top square (Diagram 8). Sew ¼" away from each side of the drawn diagonal line (Diagram. 8). Cut the (2) squares apart on the drawn diagonal line (Diagram 9) to make (2) half-square triangles. Trim the half-square triangles to measure 2 ½" square to make (2) Unit 4 squares (Diagram 10). Repeat to make an additional (2) Unit 4 squares.


Diagram 8


Diagram 9

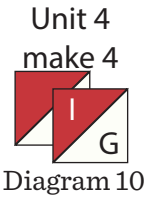


Diagram 10

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10. Sew together (1) 2 ½" x 8 ½" Fabric G strip, (1) Unit 2 strip and (1) Unit 4 square, in that order from top to bottom, to make the left column (Diagram 11).

11. Sew together (1) Unit 1 rectangle, (1) 3" x 5 ½" Fabric F strip, 3" x 5 ½" Fabric C strip, (1) 3" x 5 ½" Fabric F strip, (1) 3" x 5 ½" Fabric C strip and (1) 1 ½" x 5 ½" Fabric G strip, in that order from top to bottom, to make the center column (Diagram 11).

12. Sew together (1) 2 ½" x 8 ½" Fabric G strip, (1) Unit 3 strip and (1) Unit 4 square, in that order from top to bottom, to make the right column (Diagram 11).

13. Sew together the (3) pieced Columns from Steps 10-12 lengthwise to make (1) 9 ½" x 14 ½" Block One rectangle (Diagram 11).

14. Repeat Steps 10-13 to make a second Block One rectangle.

Block One
make 2

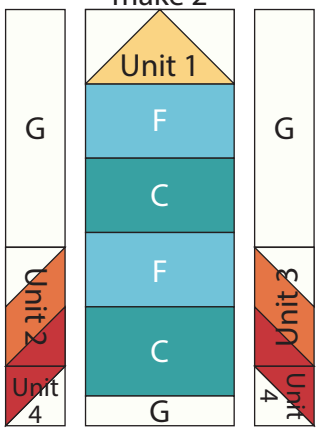


Diagram 11

15. Sew (1) 3 ½" x 42 ½" Fabric G strip to each side of (1) 3 ½" x 42 ½" Fabric B strip to make (1) 9 ½" x 42 ½" Side Border (Diagram 12). Repeat to make a second Side Border.

16. Sew (1) 3 ½" x 26 ½" Fabric G strip to the top and to the bottom of (1) 3 ½" x 26 ½" Fabric B strip to make (1) 9 ½" x 26 ½" Top Border (Diagram 13). Repeat to make the Bottom Border.

Side Border
make 2

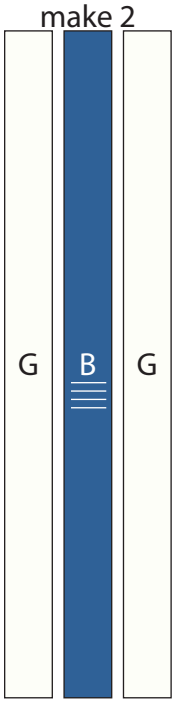


Diagram 12

Top/Bottom Border
make 2

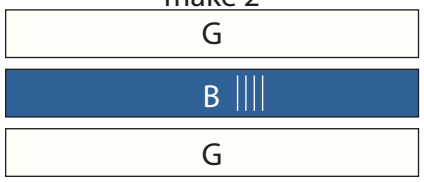


Diagram 13

17. Sew (1) 3 ½" Fabric B square to the left side of (1) 3 ½" Fabric G square. Sew (1) 3 ½" x 6 ½" Fabric B strip to the bottom of the newly sewn strip lengthwise to make (1) 6 ½" Unit 5 square (Diagram 14).

Unit 5
make 1

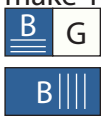


Diagram 14

18. Sew (1) 3 ½" Fabric G square to the left side of (1) 3 ½" Fabric B square. Sew (1) 3 ½" x 6 ½" Fabric B strip to the top of the newly sewn strip lengthwise to make (1) 6 ½" Unit 6 square (Diagram 15).

Unit 6
make 1

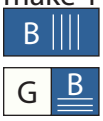


Diagram 15

19. Sew (1) 3 ½" x 6 ½" Fabric G strip to the left side of (1) Unit 5 square. Sew (1) 3 ½" x 9 ½" Fabric G strip to the bottom of the Unit 5 square to make (1) 9 ½" Block Two square (Diagram 16).

Block Two
make 1

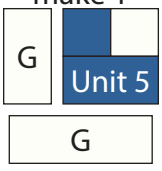


Diagram 16

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20. Sew (1) 3 ½" x 6 ½" Fabric G strip to the right side of (1) Unit 6 square. Sew (1) 3 ½" x 9 ½" Fabric G strip to the top of the Unit 6 square to make (1) 9 ½" Block Three square (Diagram 17).

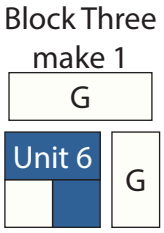


Diagram 17

Quilt Top Assembly
(Refer to the Quilt Layout when assembling the quilt top.)

21. Sew the Top Border and the Bottom Border to the top and to the bottom of the Quilt Center.

22. Sew (1) Block One rectangle, (1) Side Border and the Block Two square together in that order from top to bottom. Sew the newly sewn strip to the left side of the Quilt Center.

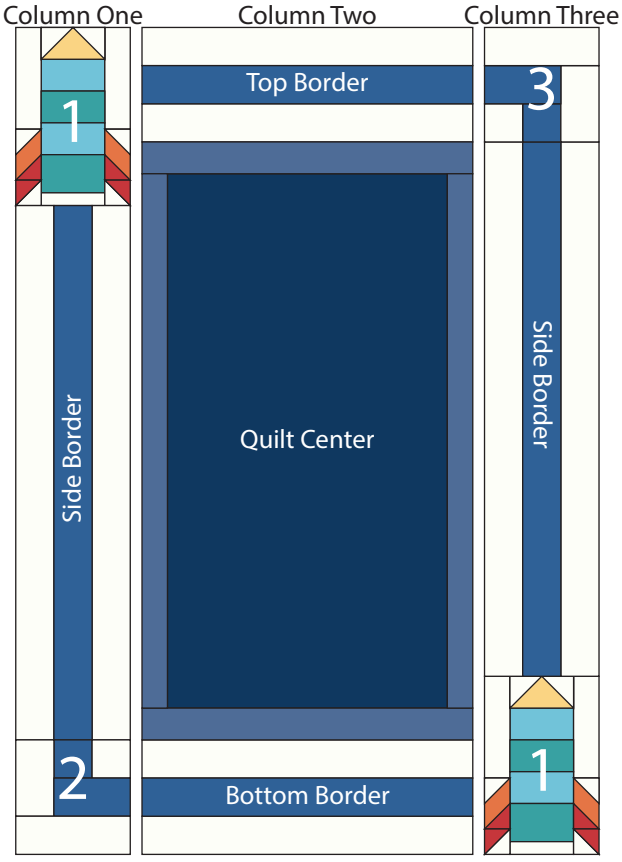
23. Sew the Block Three square, (1) Side Border and the Block One rectangle together in that order from top to bottom. Sew the newly sewn strip to the right side of the Quilt Center to make the Quilt Top.

Finishing the Quilt

24. Layer and quilt as desired.

25. Sew together the (6) binding strips end to end with 45-degree seams. Fold this long strip in half lengthwise with wrong sides together and press.

26. Bind as desired.



Quilt Layout

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Orbit

MAKOWER UK



237-B ½ yd
(binding)



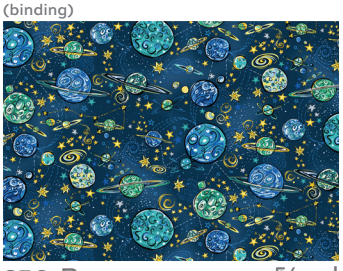
247-B ¾ yd



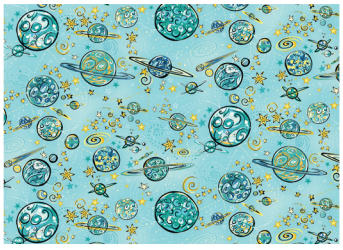
249-B



249-T ¼ yd



250-B ⅝ yd



250-T



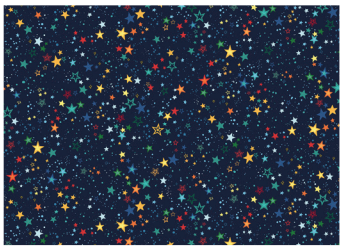
250-Y ¼ yd



251-B



251-M ¼ yd



252-B



254-1 1 panel



252-Q 1 ½ yds



253-G



253-O ⅛ yd



253-R ¼ yd

Your Choice 3 yds
(backing)

andover : makower uk

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