

Thunderbird II

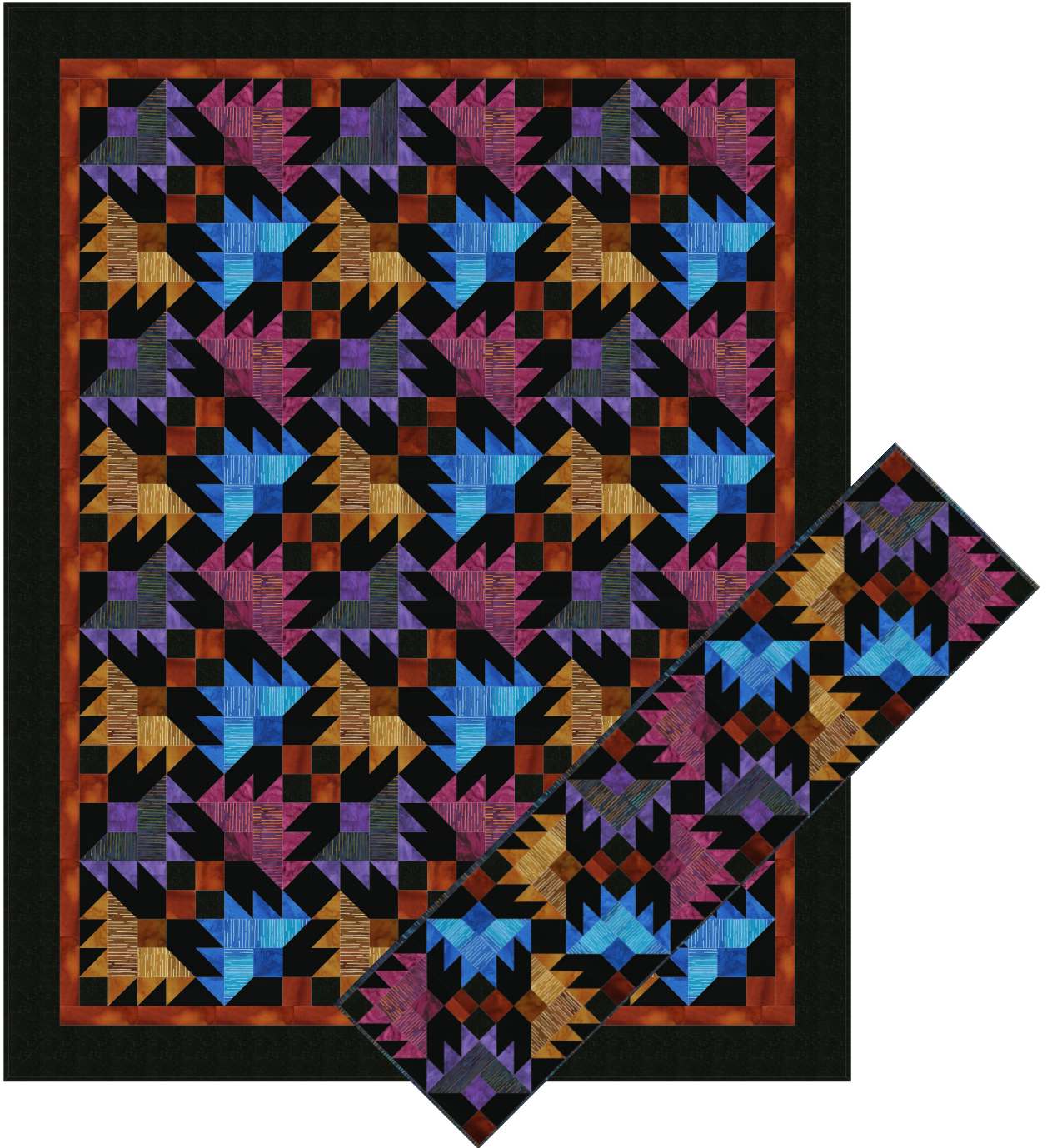
Designed by Christine Stainbrook of Project House 360

Featuring *Bit by Bit*

SIZE: QUILT 65" x 83"; RUNNER 18" x 72"

CONFIDENT
BEGINNER
SKILL

FREE BATIK
PROJECT



THIS IS A DIGITAL REPRESENTATION OF THE QUILT TOP, FABRIC MAY VARY.

PLEASE NOTE: BEFORE MAKING YOUR PROJECT, CHECK FOR ANY PATTERN UPDATES AT WINDHAMFABRICS.COM'S FREE PROJECTS SECTION.



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PROJECT DISCLAIMER: Every effort has been made to ensure that all projects are error free. All the information is presented in good faith, however, no warranty can be given nor results guaranteed. Therefore, we assume no responsibility nor damages that may occur when referring to this pattern. When errors are brought to our attention, we make every effort to correct and post a revision as soon as possible. We suggest you check windhamfabrics.com for pattern updates and to test the pattern prior to making the project. Test templates first, before cutting all the pieces. Free projects are not for resale.

Quilt

WOF = WIDTH OF FABRIC

KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
A		100Q-1922	1	(4) 2¾" X WOF. Subcut: (48) 2¾" squares (7) 2" x WOF.
B		100Q-1045	2½	(7) 5⅜" x WOF. Subcut: (96) 2¾" x 5⅜" rectangles (12) 3⅛" x WOF. Subcut: (144) 3⅛" squares
C		100Q-1676	2⅜	(4) 2¾" x WOF. Subcut: (48) 2¾" squares (9) 4½" x WOF. (8) 2½" x WOF for binding
D		100Q-1529	½	(3) 3⅛" x WOF. Subcut: (36) 3⅛" squares
E		100Q-1482	½	(3) 3⅛" x WOF. Subcut: (36) 3⅛" squares
F		710Q-2	⅝	(2) 2¾" x WOF. Subcut: (12) 2¾" x 5⅜" rectangles (3) 2¾" x WOF. Subcut: (12) 2¾" x 7⅝" rectangles
G		100Q-1483	⅛	(1) 2¾" x WOF. Subcut: (12) 2¾" squares
H		100Q-1530	⅛	(1) 2¾" x WOF. Subcut: (12) 2¾" squares
I		710Q-1	⅝	(2) 2¾" x WOF. Subcut: (12) 2¾" x 5⅜" rectangles (3) 2¾" x WOF. Subcut: (12) 2¾" x 7⅝" rectangles
J		100Q-2052	½	(3) 3⅛" x WOF. Subcut: (36) 3⅛" squares
K		100Q-1545	½	(3) 3⅛" x WOF. Subcut: (36) 3⅛" squares
L		100Q-1727	⅛	(1) 2¾" x WOF. Subcut: (12) 2¾" squares
M		710Q-3	⅝	(2) 2¾" x WOF. Subcut: (12) 2¾" x 5⅜" rectangles (3) 2¾" x WOF. Subcut: (12) 2¾" x 7⅝" rectangles
N		710Q-4	⅝	(2) 2¾" x WOF. Subcut: (12) 2¾" x 5⅜" rectangles (3) 2¾" x WOF. Subcut: (12) 2¾" x 7⅝" rectangles
O		100Q-1546	⅛	(1) 2¾" x WOF. Subcut: (12) 2¾" squares
Backing (#710Q-2)			5¼	Batting: 73" x 91"



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1/4" Seam Allowance Check

Even if you use a 1/4" foot, your seam allowance may not be accurate!

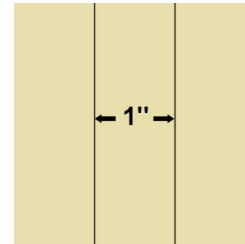
To check if your seam is accurate, cut three 1 1/2" x 3" pieces from scrap fabric.

Sew the pieces together along the 3" side, using what you believe is a 1/4" seam.

Press away from the center piece.

Measure.

The center piece should be exactly 1" wide.



If, when you measure, the center is less than 1", your seam allowance is too large.

If it's more than 1", your seam allowance is too small.

Refer to your machine owner's manual for instructions on changing your needle position.

Repeat the test until your center strip measures exactly 1".

Blocks:

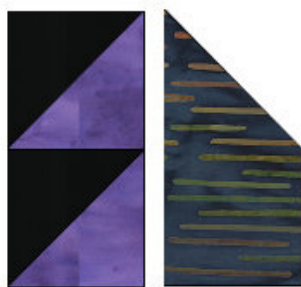
Make 12

1. Use three fabric D and three fabric B 3 1/8" squares to make six half-square triangle (HST) units. Square to 2 3/4".
2. Cut a 45° angle from one fabric B 2 3/4" x 5 3/8" rectangle and add one fabric A 2 3/4" square as shown.
3. Cut a 45° angle from one fabric F 2 3/4" x 5 3/8" rectangle and add two HST units as shown.
4. Cut a 45° angle from one fabric F 2 3/4" x 7 5/8" rectangle and add one fabric C 2 3/4" square and four HST units as shown.

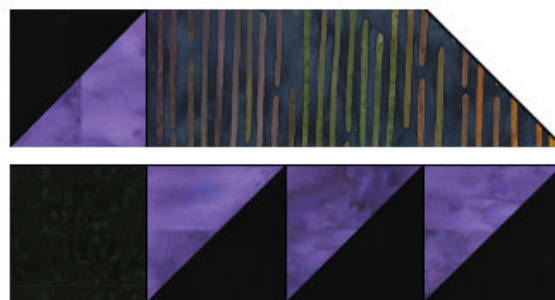
Step 2



Step 3



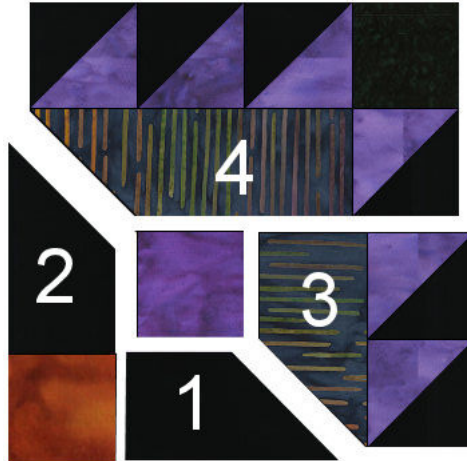
Step 4





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5. Cut one fabric B $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle as shown and combine with the units from steps 2-4 and one fabric H $2\frac{3}{4}$ " square using inset seams where necessary (parts are in numerical sewing order, then use inset seams to complete the unit). Square unit to $9\frac{1}{2}$ ".



6. Repeat step 1 using three fabric B and three fabric E $3\frac{1}{8}$ " squares.

7. Repeat steps 2-5, replacing the purple and striped fabrics with one fabric I $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric I $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric G $2\frac{3}{4}$ " square, noting the angles of the cuts.



8. Repeat step 1 using three fabric B and three fabric K $3\frac{1}{8}$ " squares.

9. Repeat steps 2-5, replacing the purple and striped fabric with one fabric E $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric E $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric O $2\frac{3}{4}$ " square, noting the angles of the cuts.



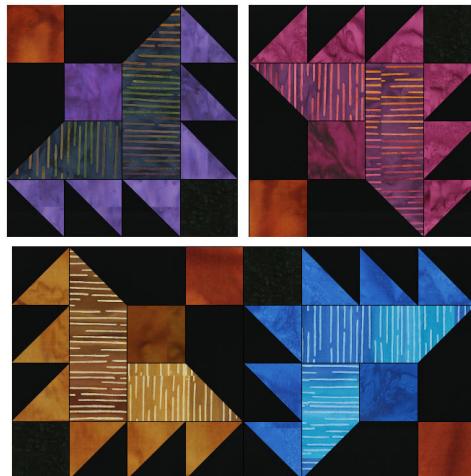


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10. Repeat step 1 using three fabric B and three fabric J $3\frac{1}{8}$ " squares.
11. Repeat steps 2-5, replacing the purple and striped fabric with one fabric N $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric N $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric L $2\frac{3}{4}$ " square.



12. Stitch the units together as shown to complete the block. Square to $18\frac{1}{2}$ ". Make twelve blocks.



Assembly:

13. Refer to the assembly diagram on page 5 to stitch the blocks together.
14. Stitch four fabric A 2" x WOF strips together in pairs, end-to-end. Cut into two 2" x $72\frac{1}{2}$ " strips and add to the left and right sides of the quilt.
15. Stitch three fabric A 2" x WOF strips together end-to-end. Cut into two 2" x $57\frac{1}{2}$ " strips and add to the top and bottom of the quilt.
16. Stitch five fabric C $4\frac{1}{2}$ " x WOF strips together end-to-end. Cut into two $4\frac{1}{2}$ " x 87" strips. Add to the quilt, preparing to miter corners.
17. Stitch four fabric C $4\frac{1}{2}$ " x WOF strips together in pairs, end-to-end. Cut into two $4\frac{1}{2}$ " x 69" strips. Add to quilt, mitering corners.

Finishing:

18. Layer, baste and quilt as desired.
19. Bind with eight fabric C $2\frac{1}{2}$ " x WOF strips.



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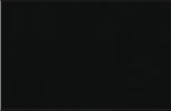




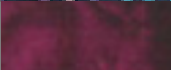
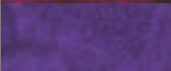


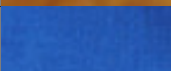
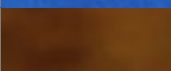


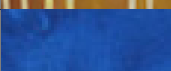
Assembly Diagram





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Runner

KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
A		100Q-1922	$\frac{3}{8}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (16) $2\frac{3}{4}$ " squares
B		100Q-1045	$1\frac{1}{8}$	(4) $3\frac{1}{8}$ " x WOF. Subcut: (48) $3\frac{1}{8}$ " squares (3) $5\frac{3}{8}$ " x WOF. Subcut: (32) $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangles
C		100Q-1676	$\frac{3}{8}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (16) $2\frac{3}{4}$ " squares
D		100Q-1529	$\frac{1}{4}$	(1) $3\frac{1}{8}$ " x WOF. Subcut: (12) $3\frac{1}{8}$ " squares
E		100Q-1502	$\frac{1}{4}$	(1) $3\frac{1}{8}$ " x WOF. Subcut: (12) $3\frac{1}{8}$ " squares
F		710Q-2	$\frac{3}{4}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (4) $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangles (4) $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangles (5) $2\frac{1}{2}$ " x WOF for binding
G		100Q-1504	$\frac{1}{8}$	(4) $2\frac{3}{4}$ " squares
H		100Q-1530	$\frac{1}{8}$	(4) $2\frac{3}{4}$ " squares
I		710Q-1	$\frac{3}{8}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (4) $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangles (4) $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangles
J		100Q-2052	$\frac{1}{4}$	(1) $3\frac{1}{8}$ " x WOF. Subcut: (12) $3\frac{1}{8}$ " squares
K		100Q-1545	$\frac{1}{4}$	(1) $3\frac{1}{8}$ " x WOF. Subcut: (12) $3\frac{1}{8}$ " squares
L		100Q-1727	$\frac{1}{8}$	(4) $2\frac{3}{4}$ " squares
M		710Q-3	$\frac{3}{8}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (4) $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangles (4) $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangles
N		710Q-4	$\frac{3}{8}$	(2) $2\frac{3}{4}$ " x WOF. Subcut: (4) $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangles (4) $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangles
O		100Q-1546	$\frac{1}{8}$	(4) $2\frac{3}{4}$ " squares
Backing (#710Q-2)			$1\frac{1}{2}$	Batting: 26" x 80"



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Blocks:

Make 4

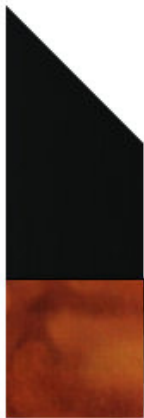
20. Use three fabric D and three fabric B $3\frac{1}{8}$ " squares to make six half-square triangle (HST) units. Square to $2\frac{3}{4}$ ".

21. Cut a 45° angle from one fabric B $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle and add one fabric A $2\frac{3}{4}$ " square as shown.

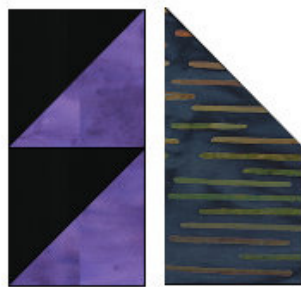
22. Cut a 45° angle from one fabric F $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle and add two HST units as shown.

23. Cut a 45° angle from one fabric F $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and add one fabric C $2\frac{3}{4}$ " square and four HST units as shown.

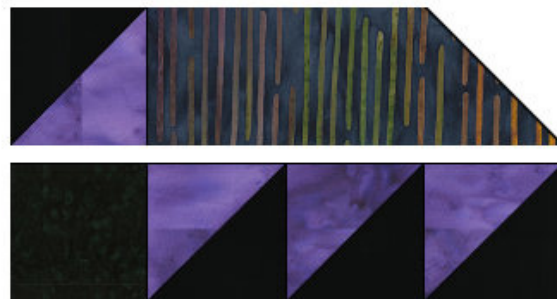
Step 21



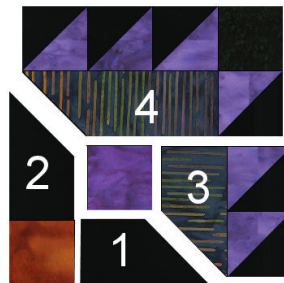
Step 22



Step 23

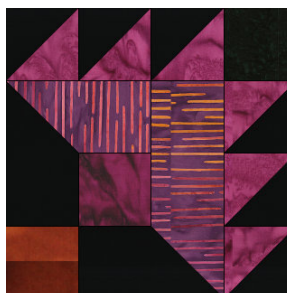


24. Cut one fabric B $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle as shown and combine with the units from steps 21-23 and one fabric H $2\frac{3}{4}$ " square using inset seams where necessary (parts are listed in numerical sewing order, then complete unit with inset seams). Square unit to $9\frac{1}{2}$ ".



25. Repeat step 20 using three fabric B and three fabric E $3\frac{1}{8}$ " squares.

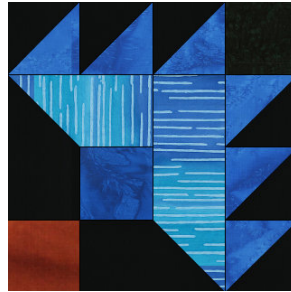
26. Repeat steps 21-24, replacing the purple and striped fabrics with one fabric I $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric I $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric G $2\frac{3}{4}$ " square, noting the angles of the cuts.





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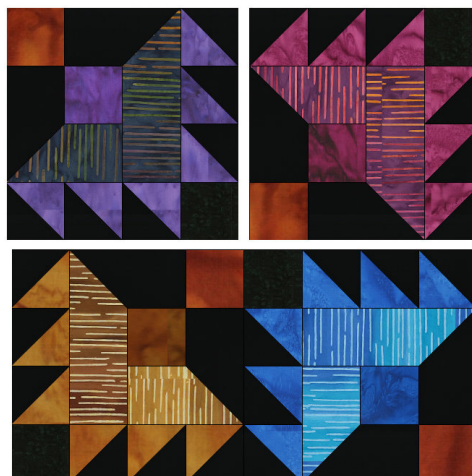
27. Repeat step 20 using three fabric B and three fabric K $3\frac{1}{8}$ " squares.
28. Repeat steps 21-24, replacing the purple and striped fabric with one fabric E $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric E $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric O $2\frac{3}{4}$ " square, noting the angles of the cuts.



29. Repeat step 20 using three fabric B and three fabric J $3\frac{1}{8}$ " squares.
30. Repeat steps 21-24, replacing the purple and striped fabric with one fabric N $2\frac{3}{4}$ " x $5\frac{3}{8}$ " rectangle, one fabric N $2\frac{3}{4}$ " x $7\frac{5}{8}$ " rectangle and one fabric L $2\frac{3}{4}$ " square.



31. Stitch the units together as shown to complete the block. Square to $18\frac{1}{2}$ ". Make four blocks.





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Assembly:

32. Use the assembly diagram below to stitch the blocks together.

Finishing:

33. Layer, baste and quilt as desired.

34. Bind with five fabric F 2½" x WOF strips.

Assembly Diagram

