

Modern Flight Pre-Work Mystery Quilt

Modern Flight was designed for a mystery class with Minnesota Quilters. Quilt may be completed with only six fabrics, making fabric selection a breeze. This handout should provide you with the information you need prior to class. If you have questions, feel free to drop me a note at onpointquilter@comcast.net

Size Options: Small 56" x 72"; Medium 72" x 88"; Large 104" x 104".

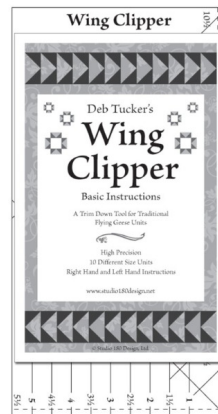
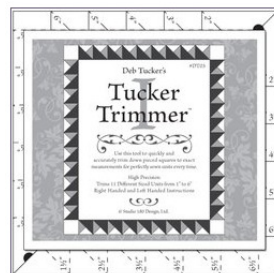
Fabric Requirements	Small	Medium	Large
Background	3/4 yd	1 1/8 yds	1 1/2 yds
Medium 1	1 yd	1 1/2 yds	2 3/4 yds
Dark 1	1 3/4 yds	2 1/2 yds	4 1/4 yds
Medium 2	1/2 yd	7/8 yd	1 1/2 yds
Dark 2 (including binding)	2 3/4 yds	3 3/4 yds	5 1/2 yds
Backing	3 1/4 yds	5 1/2 yds	9 1/2 yds

Recommended (optional) Tools and Rulers:

Tucker Trimmer 1™ from Studio 180 Design is used to easily trim down units that are made with triangles including half square triangle squares and quarter square triangle squares (hourglass units).

Wing Clipper 1™ from Studio 180 Design is used for cutting down oversized Flying Geese units.

Please let Kari know by May 31 if you would like to purchase either of these rulers from her. The Tucker Trimmer is \$17.50 and the Wing Clipper is \$19.50. MN Sales Tax will be added to any purchases. Her e-mail is onpointquilter@comcast.net.



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(763)566-6536

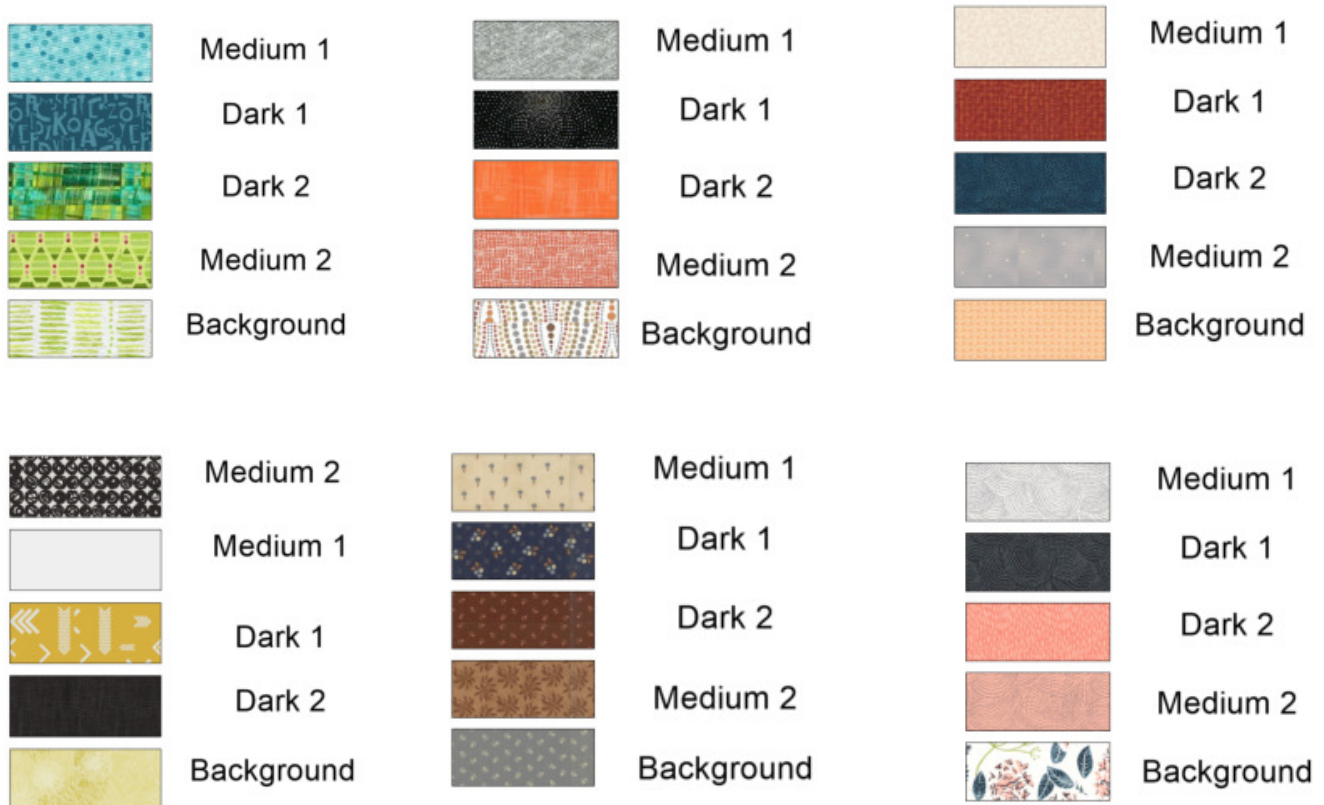
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If you do not wish to purchase the specialty rulers, alternate instructions are provided to do the suggested trim-downs. Please bring Invisigrip™ and a Sharpie fine line marker along with a 6 inch square up ruler to use for the trim downs.

Fabric Selection: I found it useful to use two complementary color families for the Medium and Dark fabrics. The background could be a light in either of these color families or could just be a neutral fabric. Or you could make Medium 1 the light and the Background a Medium value fabric. This pattern is really very versatile.

Here are some fabric choices that I thought worked well – but you certainly don't need to be limited to these ideas.



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Scrapping the Quilt: I personally liked using only five fabrics in this quilt. However, if you would like to scrap the quilt, I recommend:

- Within each of the five suggested “colors” of the quilt, select fabrics that are close in value. For example if you select Dark Blue to represent Dark 1, make sure all of the fabrics read as Dark Blue. Do not use Dark Blue for any of the other four “colors”.
- Use just one fabric for cutting Dark 2 pieces Q, U and V. Fabric required for those pieces are 1 3/4 yards for Small, 2 1/4 yards for Medium or 2 3/4 yards for Large.

Pre-Cutting Instructions:

I've included pre-cutting instructions as then you can get started with the clues as soon as you get to class. Please make sure to label each group of pieces as you cut them. I like to use the sticky address labels and sandwich baggies to keep everything organized.

Other Supplies:

Rotary cutting tools including mat, rotary cutter and 6 x 12 ruler (or something similar in size)

Sewing machine including foot pedal and cords

Thread

Basic sewing supplies (pins, seam ripper, scissors for clipping threads, extra needles)

Baggies

Address labels or sticky notes

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Cutting Charts - This chart assume 40" of usable fabric per strip.

Background

Piece	Strip Size	Sub-cut Size	Small		Medium		Large	
			# Strips	# Sub-cuts	# Strips	# Sub-cuts	# Strips	# Sub-cuts
A	3 1/2" x WOF	3 1/2"□	1	9	2	16	3	30
B	2 1/2" x WOF	2 1/2"□	3	34	4	62	8	120
C	2 1/2" x WOF	n/a	5	-	7	-	8	-

Medium 2

Piece	Strip Size	Sub-cut Size	Small		Medium		Large	
			# Strips	# Sub-cuts	# Strips	# Sub-cuts	# Strips	# Sub-cuts
D	3" x WOF	3"□	1	8	1	10	1	12
E	2" x WOF	2" x 6 1/2"	4	24	8	48	17	100
F	1 1/2" x WOF	1 1/2" x 20"	1	2	2	4	4	8
G	2 1/2" x WOF	2 1/2" x 20"	1	1	1	2	2	4

Dark 1

Piece	Strip Size	Sub-cut Size	Small		Medium		Large	
			# Strips	# Sub-cuts	# Strips	# Sub-cuts	# Strips	# Sub-cuts
H	1 1/2" x WOF	1 1/2" x 4 1/2"	4	32	5	40	6	48
I	1 1/2" x WOF	1 1/2" x 2 1/2"	2	32	3	40	3	48
J	12 1/2" x WOF	12 1/2" x 1 1/2"	2	34	3	62	5	120
K	1 1/2" x WOF	1 1/2" x 2 1/2"	2	24	3	48	7	100
L	1 1/2" x WOF	1 1/2" x 3 1/2"	3	24	5	48	10	100
M	1 1/2" x WOF	1 1/2" x 6 1/2"	2	12	4	24	9	50
N	1 1/2" x WOF	1 1/2" x 4 1/2"	2	12	3	24	7	50
O	4 1/2" x WOF	4 1/2"□	2	12	3	20	5	36

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Dark 2

Piece	Strip Size	Sub-cut Size	Small		Medium		Large	
			# Strips	# Sub-cuts	# Strips	# Sub-cuts	# Strips	# Sub-cuts
P	3 1/2" x WOF	3 1/2"□	2	18	3	32	6	60
Q	1 1/2" x WOF	n/a	10	-	14	-	16	-
R	3" x WOF	3"□	1	12	2	24	4	50
S	2 1/2" x WOF	2 1/2"□	2	24	3	48	7	100
T	4 1/2" x WOF	4 1/2"□	1	6	2	12	4	25
U	2 1/2" x WOF	n/a	5	-	7	-	9	-
V	4 1/2" x WOF	n/a	7	-	8	-	11	-
Binding	2 1/2" x WOF	n/a	7	-	9	-	11	-

Medium 1

Piece	Strip Size	Sub-cut Size	Small		Medium		Large	
			# Strips	# Sub-cuts	# Strips	# Sub-cuts	# Strips	# Sub-cuts
W	3" x WOF	3"□	1	8	1	10	1	12
X	3 1/2" x WOF	3 1/2"□	1	9	2	16	3	30
Y	2 1/2" x WOF	2 1/2" x 4 1/2"	3	17	4	31	8	60
Z	3" x WOF	3"□	1	12	2	24	4	50
AA	2 1/2" x WOF	2 1/2" x 20"	1	1	1	2	2	4
BB	1 1/2" x WOF	1 1/2" x 20"	1	2	2	4	4	8
CC	2 1/2" x WOF	2 1/2"□	2	24	3	48	7	100
DD	4 1/2" x WOF	4 1/2"□	1	6	2	12	4	25