

COTTON CANDY CAROUSEL
by Susan Byrd

MARKING AND CUTTING (emptying hole is at bottom of egg)

1. Using an egg marker, divide the egg into fourths lengthwise.
2. Find the waist of the egg (fattest part of the center) and mark a dot here.
3. Measure 1 1/4" above and below this dot and mark around the egg at these points. (FIG.1)
4. Make posts out of the lengthwise lines between the horizontal lines by widening them to 1/2". (FIG. 2)
5. Using the patterns in (FIG.3) complete the design on the egg. You may need to adjust the width of the patterns to fit your egg.
6. The pattern in (FIG.4) should go on the egg above each post.
7. Mark a 5/8" circle in the center top of the egg.
8. Cut on all lines. Clean the membrane from the inside of the egg.

PAINTING

1. Lightly sand the outside of the egg.
2. Paint inside and outside with Duncan's "Chiffon Pink", applying enough coats for good coverage.
3. Test light bulbs. Position the bulbs behind the fleur-de-lis and tape the wires to the inside of the egg, passing the ends through the hole in the bottom of the egg. (Use a thin strip of paper tape - pink "hair tape" is ideal.) (FIG.5) Press the tape firmly in place.
4. Paint over the tape to make it match the inside of the egg.
5. Cut all 1255 findings in half. Bend four of them so their openings will fit over the light bulbs. Glue them in place, pointed end down.
 - . If the porcelain base isn't already pink, paint it.
7. Paint the music box and both sides of the two pieces of cardboard.
8. On the inside of the egg, apply two coats of Duncan's "Candy Pink".
9. Apply a light sprinkling of pearl flakes to the inside of the egg and to the two parts of the base. Be sure the sprinkling is LIGHT or the pink color will not show through properly!
- 10 Give the carousel animals a base coat of Duncan's "Ivory" paint (enough coats for good coverage).
11. Paint the harnesses and trappings bright colors, staying away from red. (Hot pink is alright.) Complete the decorating of the animals as desired, adding gold trim, jewels, etc.
12. Spray (or brush) a coat of matte acrylic sealer over all painted surfaces. On the base and outside of the egg, apply coats of finish of your choice until surfaces are smooth. A final coat of matte spray will protect it.
13. Coat cut edges of drops in the top of egg with gold.
14. Inside the egg, apply two layers of dazzle cloth to the drop-shaped openings in the top, trimming edges close to openings. (One layer of dazzle cloth is too transparent, where one layer of most other fabrics would be alright.)

THE MOTOR

1. Rough up the top surface and the bottom edge of the music box turntable (helps glue stick better). (A plastic turntable (disc) is used here, but any rigid circle will do as long as it is the right size.)

The motor should be attached to the disk so that when it is placed in the egg, the gear that turns the carousel is in the exact center of the egg. Since the turning gear is on one end of the motor, the motor will have to be attached to the disc in such a manner that the other end of it will overlap the edge of the disc a little. (The thickness of the disc will still allow it

to fit into the egg properly.) (FIG.6)

3. Attach the light wires together in pairs so you will know which wires go to which lights (tape around the ends is fine).
4. Add extra wire if needed to the motor, so the wires will reach through the bottom of the egg for a distance of about 6".
5. Epoxy the motor to the disc, being sure the center of the gear that will turn the carousel is positioned over the exact center. One way to do this is to remove the gear and pass the point of a drape stick through the hole where it was and, down to the disc. With the drape stick straight up and down, centering should be perfect.
6. Once glued, carefully position the motor assembly in the egg, with the wires from the motor through the bottom hole of the egg (all wires will be between the disc and the egg)
7. Epoxy in place, again being sure the turning gear is centered. (Disc will be resting on the wires. Paper towel mixed with the epoxy will help strengthen the bond.)

CAROUSEL ASSEMBLY

1. Cut the two pieces of cardboard into circles approximately 3 5/8" (adjust size to suit your egg). The bottom circle will rest on the plastic part of the gear. Its edges should clear the inside of the egg by about 1/2". The top circle will be about even with the points of the top openings in the egg, and should also clear the inside of the egg by 1/2". So cut your circles accordingly.
2. Cut holes in the centers of the cardboards, one large enough for the large tubing to fit through and the other (the floor) large enough for the rod of the turning gear to fit through. Holes should be snug fits.
3. Make four smaller holes in each cardboard as shown in (FIG.7) for the carousel animal poles. Poles should fit snugly into holes, and holes in top and bottom pieces should match.
4. When all holes are made, cover one side of each cardboard with dazzle cloth. (Go easy with the glue - it soaks through easily!)
5. Cut out the holes through the cloth.
6. Glue the gear to the under-side of the floor with the rod of the gear coming up through the floor.
7. Glue a row of pink satin cord at the edges of ceiling and floor. Glue a row of 0039 braid around each edge so that the solid part in the center of the braid is glued to the edges of the cardboard and satin cord. (FIG.8)
8. Glue findings 1020 under the holes in the floor to support the bottoms of the animal's poles. (Bend the tips of the findings out so they can be glued better.)
9. Taking the 1422 findings, ream two of them so that the large tubing fits snugly into them. Ream the third for a loose fit.
10. Place the floor in the egg, settling the gear into its hole in the motor assembly. (You won't be able to see what you are doing so just feel your way!) Run the motor to make sure the floor turns freely.
11. With floor in place, place the two snug-fitting findings on the floor, one on top of the other, the bottom one with the wide end down and the top one with the wide end up. Put the ceiling in next (you may have to tip the floor to one side to do this). Then place the loose-fitting finding on top of the ceiling, wide end up. (FIG.9) (As work progresses, test the carousel occasionally with the motor, to be sure floor and ceiling turn freely.
12. Now that you have all these things piled up in the egg, pass the large tubing through the hole in the top of the egg and through the holes in all the assembled pieces until it rests on the floor. Glue it solidly in place with epoxy and paper towel, gluing the bottom 1422 finding in place against the floor at the same time. (This will conceal glue around base of tubing.)
13. Leaving the other pieces loose on the tubing, epoxy the music box into the top of the egg, centering the key through the top hole. Be sure it is well centered!

14. When dry, raise the top finding along the tubing until it is against the music box. The top edge of the tubing should still be inside the finding, and be loose enough to turn. If the tubing isn't inside the finding, cut a circle of cardboard to place between the music box and the finding to lower it.

(fig.10)

15. When all fits properly, glue the finding to the music box. DON'T glue the tubing to the finding or the carousel won't turn!

16. Raise the ceiling to the proper height, matching the holes with those in the floor, and glue the ceiling to the tubing. Be sure the ceiling is level!

17. Raise the remaining finding along the tubing and glue it against the ceiling.

18. Attach Miraflex squares to the center pole. A piece 22 squares wide with 1/2 of the last row cut off should be right for going around the tubing. Height will depend on your individual egg, so measure it for this.

19. Glue a row of 0038 braid around the two 1422 findings after the miraflex is on. This will hide any gaps.

20. Epoxy the small tubings (poles) through the carousel animals, so that when in place the animal's feet will be about 1/4" from the floor at the closest. Don't forget to allow for the length of tubing that goes through the floor.

21. When poles are glued to the animals, glue each animal in place, adding a 2699 finding at each end of the pole to conceal where it goes through the floor and ceiling. The inside of the egg is now complete.

22. Coat all cut edges with gold paint (gold pen works well).

THE BASE AND WIRING

1. Epoxy the two parts of the base together. Put a row of satin cord in the groove of the lower part of the base, followed by a row of 0038 braid.

2. Glue a row of rhinestone chain around the base where the two parts are joined, followed by a row of pink beads and then a row of 2595 braid.

3. Spaced evenly around the upper part of the base put four sets findings and jewels as shown in photo and (FIG.11).

4. Epoxy the egg to the base, passing the wires through the bottom. Align the four groups of findings and jewels with the four posts of the egg.

5. Glue a row of rhinestone chain where egg and base are joined, followed by a row of beads and a row of 2595 cord.

6. Under the base, take one wire from each light and one wire from the motor and twist them together. Twist the remaining wires together. Test these with a battery - everything should work!

7. One of these groups of wires should go be attached to one end of the battery holder, the other to one pole of the switch (add extra wire if more length is needed).

8. Once these are attached to the switch and battery holder, attach switch and holder to the base. Switch should have a nut to hold it in place. Epoxy the battery holder.

9. Use an extra length of wire to connect the free end of the switch to the free end of the holder. Test it to make sure all is hooked up right.

FINISHING THE OUTSIDE

1. Glue music box key snugly into finding 1407 using epoxy.

2. Glue short lengths of rhinestone chain in grooves of finding, each topped by one 5ss flat back stone to hide the end of the chain. Glue a 12ss flat back stone in the center top of the finding.

3. Over the top hole in the egg glue a 1422 finding with a 1202 finding on top of it.

4. Around the 1422 finding, glue a row of rhinestone chain followed by beads and a row of 2595 braid.

5. Edge all drops cuts and the scrolls in each opening with rhinestone chain. (FIG.12 & photo)

6. Edge rhinestone chain with beads followed by 2595 cord.

7. Edge sides of posts with 2595 cord, placing one set stone at each end of

cord. Just below points of drops glue a large opal. Below this a set stone followed by a medium opal, another set stone, a small opal and finally a small flat back stone. (FIG.13)

8. Glue a medium opal in each of the drops on the fabric.

9. In the open spaces between the sets of drops, glue halves of finding 1255, gluing a set in each finding and a small flat back stone just below the tip. (FIG. 14)

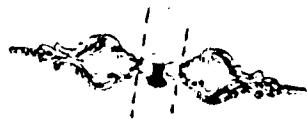
10. At the base of each pole glue a group of findings and jewels as shown in fig 13

11. Slightly curve four of the 1255 findings and glue them to the tips of the fleur-de-lis with the tips of the findings pointing upward. (They will overlap the edges of the egg.) (FIG.15)

12. Below the fleur-de-lis and in line with the findings below the posts, glue four more 1255 findings. Glue set-stones in all the findings. Below the findings on the body of the egg, glue small flat back stones. (FIG.15)

13. Sign and date the egg.

1255 FINDING
CUT ALL IN HALF
REMOVING CENTERS



1407

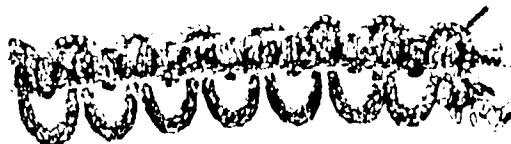
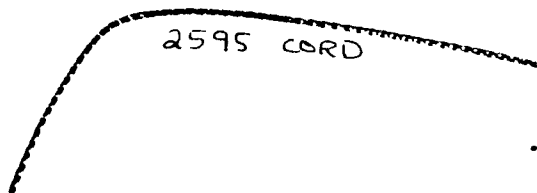


FOR MUSIC BOX KEY

1422



2595 CORD



0039
BRAID



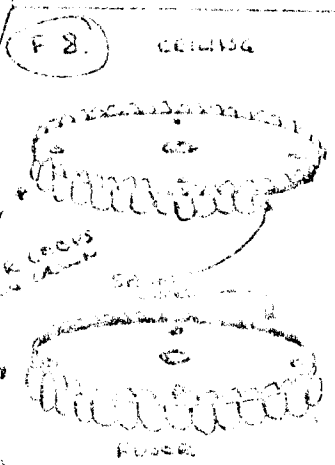
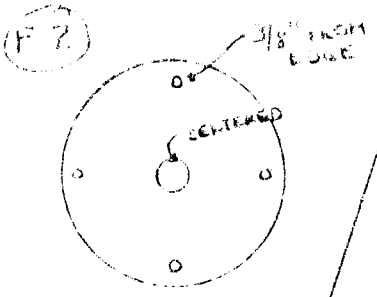
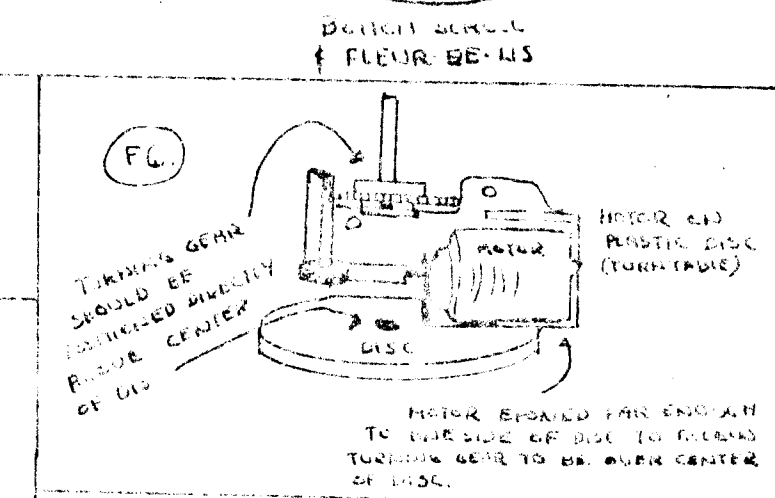
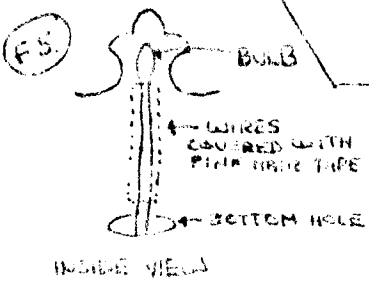
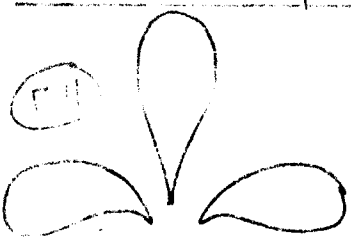
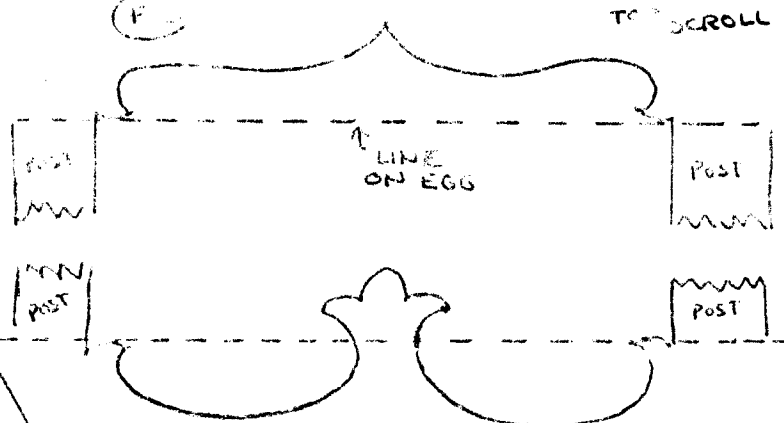
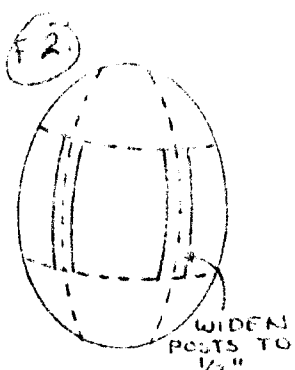
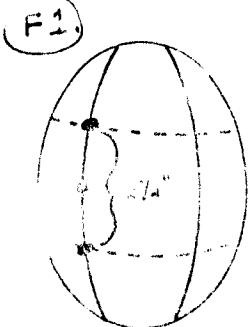
1202



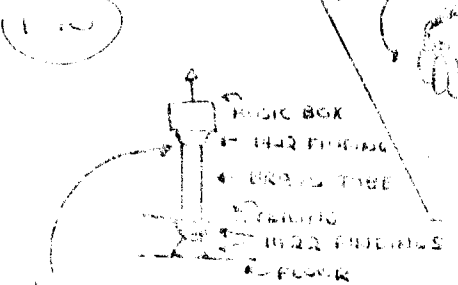
2699



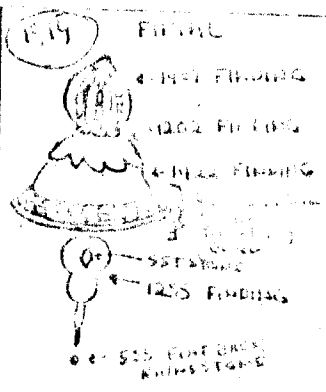
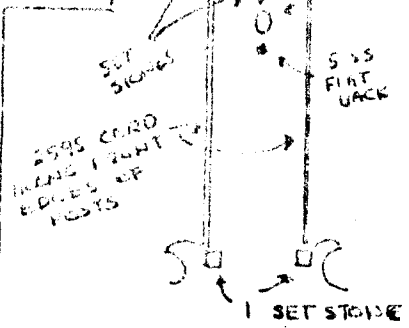
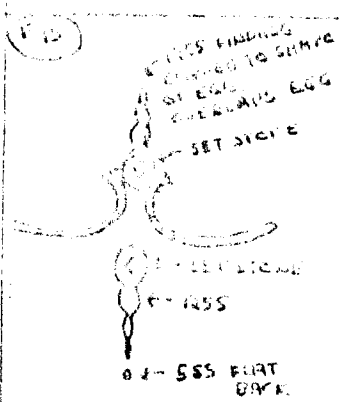
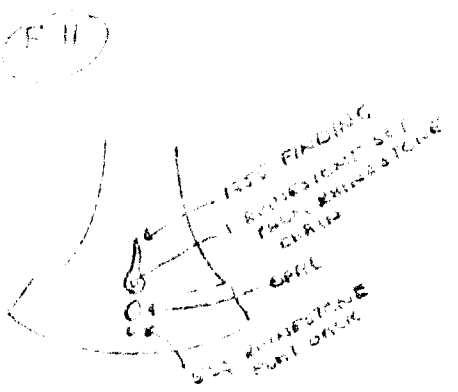
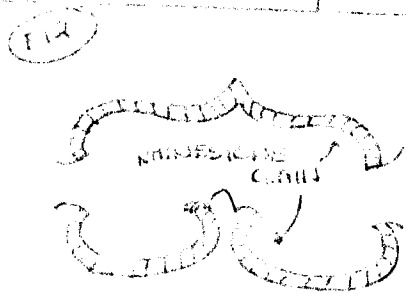
0038
BRAID



- F9.** SEQUENCE FOR PUTTING CAROUSEL ASSEMBLY IN EGG.
- 1) → [Diagram of a trapezoid] ← 1/4\"/>
 - 2) → [Diagram of a horizontal line] ← CEILING
 - 3) → [Diagram of a trapezoid] ← 1/4\"/>
 - 4) → [Diagram of a trapezoid] ← 1/4\"/>
 - 5) → [Diagram of a horizontal line] ← FLOOR
- ← GEAR CLAD TO FLOOR



DIAPHRAGM SHOULD FIT TIGHTLY INTO 1/4\"/>



COTTON CANDY CAROUSEL - SUPPLY LIST

- 1 ostrich egg 17 1/2" around lengthwise.
- 2 porcelain bases, one each #s 046-08-0008 and 046-08-0005 in pink.
- 1 set porcelain carousel animals (no part number).

CAROUSEL:

- 1 motor assembly (no part number - specify for carousel).
 - 1 plastic music box turntable #124-04-0134.
 - 2 5x5" pieces of cardboard (framing cardboard is excellent).
 - 1 Brass tube diameter 9/16", length 3 1/8".
 - 4 Brass tubes, diameter 1/8", length 3 3/8".
 - 4 Findings #047-02-1020.
 - 1 Package pink Miraflex, small squares #004-14-1098.
 - 8 Findings #055-02-2699.
 - 2 Findings #047-02-1422.
 - 1 yd. Braid #145-05-0039.
 - 3 yd. " #200-05-2595.
 - 2 yd. Pink satin cord #200-05-2007.
 - 1 switch (if not with motor) #205-04-0014.
 - 1 AA battery holder (if not with motor) #205-04-0019.
 - 1 ft. extra wire #205-04-0008.
- 4x12" piece Dazzle Cloth, pink (or fabric of choice).
- 1 Mini music box "Small World". 155-04-0117.
 - 8 ft. rhinestone chain, rose, size 18pp. 165-06-0018.
 - 4 Micro-mini light bulbs #205-04-0001.
 - 1 oz. pearl flakes. 075-10-0020.
- 1 PKg. pink inside color beads (or other beads) #1005-11-2000.
- Imitation fire opals 4 large #176--006-1410, 20 medium #176-06-4068, 8 small #176-006-4046.
- 14 Findings #220-02-1255.
 - 12 5ss rose rhinestones 176-06-1105.
 - 1 yd. Braid #145-05-0033.
 - 1 AA 1.5volt battery.

FINIAL:

- 1 Finding #075-02-1407.
- 1 " 075-02-1202.
- 1 " 047-02-1422.
- 6 5ss rose rhinestones #176-06-1105.
- 1 20ss rose rhinestone #176-02-1120.

EXTRAS:

PORCELAIN PAINTS

- IVORY
- CHERRY PINK
- CANDY PINK
- BRIGHT GREEN
- ~~THE~~ NAVY (LIGHTENED)
- YELLOW

INSTRUCTIONS & PHOTOS

10000 10000 10000