NEAR Shoemaker Spacecraft Model Instructions

A: DISH
- Cut out Dish.
- Bring A-1 and A-2 together. Glue or tape flap to back of Dish.

B: RING TO HOLD DISH
- Cut out Ring.
- Glue or tape flap B-1 behind B-2 to form a ring. This will hold the Dish onto the Solar Panel center.
- Tape or glue one set of 4 (folded out) tabs of ring to bottom of Dish, centering ring on the bottom side of Dish. The other set will go into the Solar Panel center.

C: SOLAR PANEL PART
- Cut out Solar Panel Part including the 4 rectangles at base of panels.
- Cut the 4 white slits in the center of the Solar Panel Part.
- Insert dish/ring tabs into the white line slits in the center square of the Solar Panel Part. Fold over, then glue or tape.

D: DOCKING RING
- Cut out Docking Ring.
- Glue or tape flap D-1 behind D-2 to form a ring.

E: NEAR BODY
- Cut out entire NEAR Body, center circle of E-1, and 4 white slits in the center of E-2.
- Score all interior black lines so they fold easily.
- Where E-2 and E-3 join, cut a slit on each side of the center panel (approx. 11/16”).
- Fold E-1 under E-2 and glue or tape.
- Fold every panel of E-3 and bring together E-3A to E-3B flap. Glue or tape this, to form an octagon.
- Fold over E-4 and insert flaps into E-3.
- Insert Docking Ring D flaps, into E-2.
- Fold over the E-1/E-2 + Docking Ring, and glue or tape flaps to inside of E-3. This will form the base of the NEAR Model.
- Glue or tape the Solar Panel Part to the top of E-4.
NEAR Shoemaker Spacecraft Model

Discovery Is NEAR: Clues to Our Origins
Near Earth Asteroid Rendezvous (NEAR) Mission

NEAR SHOEMAKER BODY

Tape this flap to inside

Cut this out, fold over to underside and glue

Fold all flaps down

Fold flaps down

Fold flaps down

Cut along white slits

Cut along white slits ONLY, then fold

Cut along white slits

Fold here

Fold

DOCKING RING

D-1

D-2