

DECALS

The correct location of the decals is shown in photos. To apply decal, first cut it apart with scissors. For a neat job, trim close to color outline. Work with one subject at a time. Dip the decal in water for a few moments until it slides easily on the paper backing. Slide the decal partly off the paper backing and place decal on the model in the correct location. Hold decal in position and slide paper backing out from underneath as shown.

The decal can be shifted slightly on the model into the correct position after lifting it and applying a little water around the edges with your fingers. After decal is in position press out trapped air bubbles and blot with soft cloth.

PAINTING

If you wish to paint your model, the following suggestions will be of help to you. Only enamel or paint for plastics should be used for painting. Use a small pointed brush to paint small parts. A brush about '4" to '½" wide should be used for the large areas. Allow time for paint to dry thoroughly before handling parts. Scrape paint away from areas which will be cemented because cement will not hold to paint.

BLUE—Upper portion of fuselage, wings and stabilizer. Do not paint. Paint framework on clear canopies to match color of blue plastic. LIGHT GRAY—Fuel tanks, wheel hubs, outside of strut covers and bomb bay doors, and bottom of fuselage, stabilizer and wing as shown in photos above.

APPLE GREEN—Inside of fuselage in rear cockpit area, gun deck, pilots seat compartment and bulkhead behind pilot, inside of landing strut covers and bomb bay doors.

SILVER—Landing struts, gun ring, propeller hub, rockets, and tip of pitot tube.

BROWN—Headrest on bulkhead behind pilot. YELLOW—Bomb and tips of propeller blades. DARK GRAY—Round housing on front of engine and tips of rockets.

DULL BLACK—Engine, exhaust pipes, guns on wing, and tailwheel.

PILOT AND GUNNER—Tan suits, flesh faces and hands, brown helmets, silver goggles with tan straps, yellow life jackets, light olive drab parachutes and straps and black shoes.

ARRESTOR HOOK-Red and white stripes.

OPERATING FEATURES

Your Monogram "Helldiver" has many operating features as shown in the photographs at the right. Follow the instructions and study the photos to learn the best way to work the moving parts. Remember that moving parts are delicate and should be operated carefully.

LANDING GEAR The landing struts are held in closed and extended positions by friction locks inside the wings. To extend landing strut, hook finger nail under end of strut cover and pull down and out until landing strut locks in full down position. To retract landing strut, push in and up on strut cover until landing strut locks in the up position.

WINGS To fold wing, first turn model upside down. Grasp tip panel between thumb and forefinger, placing thumb near lock tab. Now press down with thumb to release lock tab and fold wing. To bring wing back to flying position, swing it back into place until tab locks into hole in hinged wing.

BOMB BAY DOORS Bomb bay doors are held in the closed position by friction locks. Pins on inside of doors press against tabs on rear hinge plate. Always close the right door (one with pin on outside of door) first. Then close the left door. To open the doors, hold model with the left hand and place forefinger of right hand on pin at rear of right door. Now flip the doors open with an outward and upward movement of the forefinger.

BOMB To load bomb, turn model over and open bomb bay doors. Hold bomb as shown with open end of slots on sides of bomb pointing down. Fit bomb fin over flat bar at rear of bomb bay and fit slots on sides of bomb onto ends of bomb displacement gear. Close doors and bomb is fully loaded. To drop bomb, point nose of model down and flip doors open. As soon as doors are open the bomb will swing out on the displacement gear and fall away.

SLIDING CANOPIES The front and rear canopies travel in tracks on the sides of the fuselage. To operate, just slide the canopies to open or closed position.

ARRESTOR HOOK The arrestor hook swings on a pivot and is held by friction in up or down position. Merely swing it down for simulated carrier landings. While in flight the arrestor hook is carried up as far as it will go.





The Curtiss Helldiver is one of the U. S. Navy's famous aircraft of the World War II era. The prototype of this airplane, the XSB2C-1 was first flown in November, 1940 and the first production model was completed in June of 1942.

Helldivers got their baptism of fire on November 11, 1943, when a squadron of 24 attacked the big port of Rabaul in the South Pacific and inflicted heavy damage to the enemy fleet. Throughout the remainder of the war, the Helldivers made an outstanding showing and eventually replaced the slower, smaller SBD Dauntless as the Navy's standard carrier-based dive-bomber. The Marines and Army Air Forces flew this same design with the designation A-25. Many Helldivers were also built in Canada during World War II.

The SB2C-5 Helldiver, from which the Monogram model was developed, is a large, powerful airplane. Wingspan is 49 ft. 8 in. and length 36 ft. 8 in. Power is supplied by a 1900 h.p. Wright Cyclone air-cooled engine driving a four-bladed propeller. Loaded weight is over seven tons. Despite its great size and weight, the plane was capable of taking off and landing on a "baby flat-top".

Although designed to carry bombs, depth charges, mines and torpedoes, inside the fuselage, the Helldiver was also used for photographic and reconnaissance work.

Armament consists of two 20 millimeter cannons in the wings and two .30 caliber machine guns on a swivel mount in the rear cockpit.

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READ THIS BEFORE YOU BEGIN ASSEMBLY

The instructions for assembling your model must be followed closely in order to have it operate properly. Read each assembly step carefully and refer to the photos for the correct location of each part. Check the fit of each part before you cement it in place and compare your assembly with the one shown in

DO NOT DETACH THE PARTS FROM THE

Do not use too much cement to join parts together. All plastic cements contain solvents

If you wish to paint your model, refer to the

the photo. Assemble movable parts and cement them only in places indicated.

Each plastic piece is identified by a number appearing either on the inside of the part or on a tab near the part. In the assembly instructions the identification numbers of the parts will be preceded by the letters B, N and C to indicate whether the part is BLACK NAVY BLUE or CLEAR, For example: Seat compartment (B3) indicates that you look for a black part with the number 3. Left fuselage (N4) is a navy blue part with the number 4 and so on. This will make it easier for you to locate the parts during assembly of your

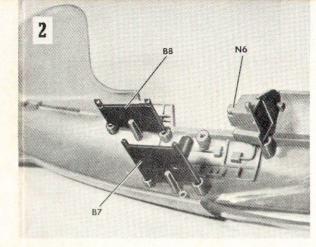
"TREES" UNTIL YOU ARE READY TO USE THEM. Trim away any excess bit of plastic with a sharp knife

Small amounts are sufficient to hold them that dissolve the plastic, forming a weld between two pieces. If too much cement is used it may soften and distort the plastic.

"Painting" instructions. It is best to paint many of the small parts before cementing them inside the fuselage and wings.

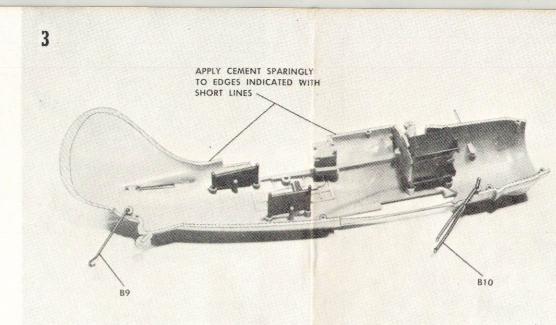
Apply cement to slot in N1 bulkhead. Fit tab on back of N2 pilot into slot in 1 Apply cement to slot in NI bulknead, I'll law on back of the place bulkhead and press into place. Cement this unit to rear of B3 seat compartment. Now cement pins on compartment into holes in N4 left fuselage as shown in photo.

Remove small tab from pointed end of N5 antenna. Fit pointed end of antenna through hole in fuselage from the inside and cement pin on other end into hole on inside of fuselage.



Cement N6 instrument panel into place as shown. Cement B7 floor into place with long post towards front. Now cement B8 gun deck into holes in fuselage with

Remove small tab from end of B9 arresting hook, Now fit pin on arresting hook and pin on B10 bomb displacement gear into holes in left fuselage as shown in photo. Do not cement these parts in place. Next apply cement sparingly to only those edges of left fuselage indicated in photo, then quickly-

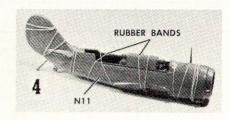


RIGHT LANDING LEFT LANDING

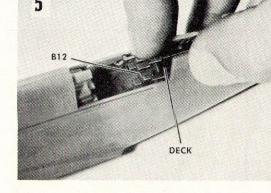
CEMENT

SHORT

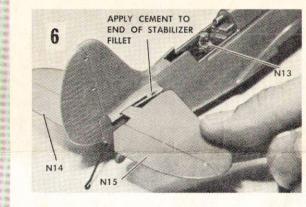
TO TWO



-attach N11 right fuselage making sure that pins on parts attached to other fuselage half fit into holes in right half. Press parts together tightly and wrap rubber bands around assembled fuselage as shown for a good cement joint.



Fit B12 machine gun unit into rear cockpit as follows: Hold unit with four small boxes on guns facing up. Place machine gun barrels onto deck inside cockpit and fit one pin on gun ring into hole on inside of cockpit. Now press on side of gun as shown in photo and snap other pin on gun ring into hole on other side of cockpit.

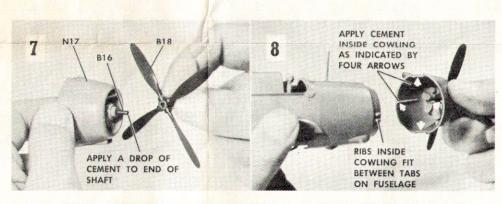


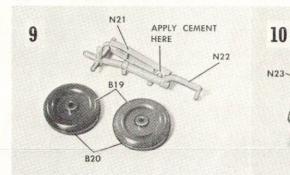
Cement N13 gunner onto pin inside rear cockpit so he faces towards the rear. Now apply cement to ends of stabilizer fillets on fuselage and attach N14 left stabilizer and N15 right stabilizer as shown.

Cement N31 left

Insert B16 propeller shaft through hole in N17 cowling from the back. Apply a small drop of cement to front end of shaft and press B18 propeller onto shaft as far as

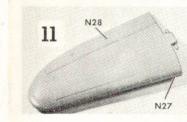
Apply cement to two ribs inside cowling and to top and bottom of cowling as shown in photo. Press cowling onto front of fuselage making sure two ribs inside cowling fit between tabs on





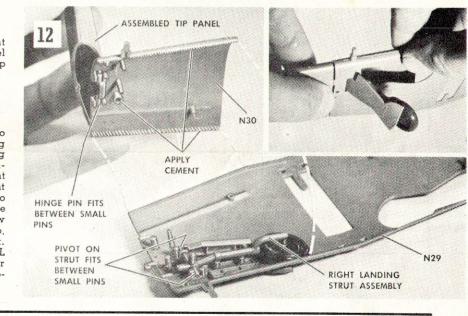
Cement B19 inside wheel halves to B20 outside wheel halves and set aside to dry. Next attack N21 right retracting plate to N22 right landing strut. Apply cement to only lower pin on strut when attaching plate. Assembled parts are shown in photo.

10 Slip a wheel onto axle of right landing strut (do not cement). Apply cement to ends of two short pins on strut and attach N23 right strut cover as shown. Now assemble left landing strut assembly. Cement part N24 to N25. Next slip wheel onto axle and cement N26 into place. Set the landing strut assemblies aside to dry.



Cement NZ/ right bottom tip panel to N28 right top tip

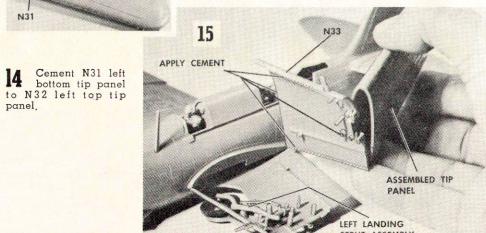
12 Place N29 center wing panel on table and fit (do not cement) right landing strut assembly into wing with pivot on strut fitting between small pins in wing as shown. Next fit (do not cement) hinge pin on assembled tip panel between small pins inside N30 right inner panel and fold wings as shown. Now apply cement to socket and two edges of N30 as indicated in photo and attach unit to center wing panel. Next, before cement dries, pull landing strut out of wing and allow it to hang loosely at a 45° angle as shown in small photo. Now press wings together tightly for a good cement joint.
DO NOT PUSH LANDING GEAR INTO WING UNTIL CEMENT HAS DRIED OVERNIGHT. This is important for proper operation of landing gear. Use the same procedure for cementing wing when you get to step 15.





Apply cement to one edge of wing as indicated in photo. Fit wing through opening in fuselage making sure bomb displacement gear is hanging down as shown in photo Now slide wing into place until edge of wing that has cement fits tightly against fuselage.

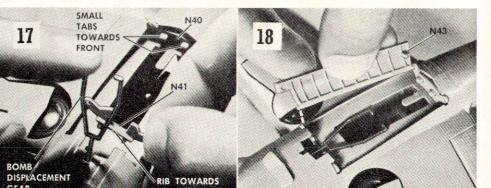
Fit left landing strut assembly into wing (do not cement). Next fit (do not cement) hinge pin on assembled tip panel between small pins inside N33 left inner panel and fold wing as shown. Apply cement to socket and three edges of N33 as indicated in photo and attach unit. Pull landing gear out of wing (as was done in step 12) and press wings together for a tight

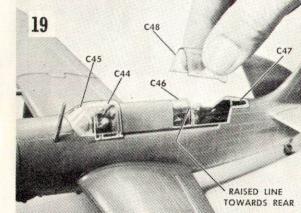


Cement N38 and N39 left tank halves together and cement pins on assembled tank into holes n bottom of left wing as shown. Next cement four B36 rockets and N37 pitot tube into place. Cement N34 and N35 right tank halves together. Cement the assembled tank and four B36 rockets into holes in right wing.

17 Cement N40 rear door plate into tuselage with small labs towards from a Next cement N41 front door plate into place. Swing bomb displacement gear out of Cement N40 rear door plate into fuselage with small tabs towards front as shown. fuselage as shown in order to fit front door plate into place. After plate has been attached allow bomb gear to fall back into opening.

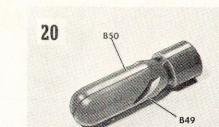
18 Fit (do not cement) pins on ends of N43 left bomb bay door and N42 right bomb bay door into holes in door plates as follows: Bend door between fingers as shown, insert rear pin on door first, then insert forward pin. Release door and it will remain in place.





Snap (do not cement) C44 front sliding canopy down into grooves 19 Snap (do not cement) C44 front stiding canopy down this given in sides of fuselage and slide it forward as far as it will go. Now apply cement to bottom of C45 windshield and attach it to fuselage. Cement C46 rear canopy into place with raised line near edge of canopy towards rear as shown. Cement C47 rear panel into place, then snap C48 rear sliding canopy into grooves.

20 Cement B49 and B50 bomb halves together to finish the assembly of your model. Method of loading bomb is explained in "Operating



TO COMPLETE YOUR MODEL APPLY ALL DECALS. REFER TO INSTRUCTIONS "DECALS" FOR BEST RESULTS.