

Type 22 Frigate (Batch 3) H.M.S. Cumberland 1/350 Scale

HMS Cumberland was laid down at Yarrow Ship Builders on the Clyde 12th October 1984. Launched 21st June 1986 and Commissioned into service 10th June 1989. She was based at RNB Devonport and assigned to the 8th Frigate Squadron.

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stopped and boarded a Go Fast off the coast of Nicaragua, and seized another 2 tons of Cocaine.

In 2008 HMS Cumberland was refitted and assigned to anti piracy duties off the Horn of Africa, Red Sea and Persian Gulf and also took turns with other NAOT ships to act as guard ship for ships entering the Gulf.

During her last deployment which started in 2010, HMS Cumberland provided escort to the French Carrier FNS Charles de Gaul whilst in the Persian Gulf on patrol. On her return to UK she was diverted to take part in the operation to evacuate British and foreign nationals from Libya. She entered the port of Benghazi on 24th February 2011 and rescued a total of 454 people, transfering them to safety in Malta. Cumberland then took up duties assisting the Royal Navy task group of the coast of Libya. Once her task had been completed she made her final return to Devonport for decommissioning on the 23 June 2011. Finally being sold for scrap in November 2013.

Specifications

Length 486.75ft (148.1m) Beam 48.5ft (14.8m) Displacement 5,300 tonnes Speed 18kts Cruise 30 kts Max Complement 250 Officers and Men Propulsion 2 x Rolls Royce Marine Spey boost gas turbines 2 x Rolls Royce Tyne RM1C cruise gas turbines

Armament

1 x 4.5" Mk8 Gun Mounting 2 x Quad Harpoon Missile Launchers 2 x 6 GWS 25 Sea Wolf SAM Launchers 2 x 30mm Oerlikon DS30 Guns 1 x Goalkeeper CIWS Mounting 2 x Triple Anti Submarine Torpedo Tubes 2 x Lynx Mk8 Helicopters (1 in Peacetime)





General Precautions

When assembling a Resin / Photoetched metal kit, certain precautions must first be taken.

1. Resin dust can be harmful if inhaled. It is recommended that you wear a suitable dust mask when drilling or sanding resin parts.

2. Cyano adhesives (super glues) are generally used to assemble this type of kit. Care must be taken when using this type of adhesive as it will bond in seconds. Follow the advice on the container.

3.Wash resin parts in a solution of warm soapy water before assembly. This will remove any residual mold release agents and ensure a good key for 4. Soak photoetch parts in a suitable solvent, such as white spirit, to degrease the surfaces prior to painting.







Fore Mast Assembly







Main Deck Railings and Life Raft Location











Starboard Boat Location and Funnel Fittings

Fit the Wire Antenna Spreader, etched part 65, centrally to the top of the funnel, forward of the large exhaust uptakes. This mounts the wire antennas leading up to the Fore Mast yardarms. This was replaced in later years by the Bowman Antenna, etched part 76. 65 76



Fit the boat davit assemblies to the starboard side of the funnel housing as shown above, with the feet up to the edge of the main deck. The railing section should pass inboard of the davit legs. Fit the Cheverton Motor Boat, resin part 19, to the davit falls by drilling a 0.4mm hole right through the boat at the locations shown above, then feeding the falls through the holes. Bend the falls back vertical, taking the boat into the davits, and secure into place at the bottom.

Late Fit RHIB Platforms



These parts have been provided in the kit so that a final fit of the Type 22 Batch 3 can be modelled. The platforms on each side of the funnel were added to carry the larger Pacific 24 RHIBs after the removal of the Cheverton on the starboard side. A third RHIB could also be carried aft between the main mast and hangar using the crane already in place there.

Fold the support legs on the RHIB Platform, etched part 35, down to 90°. Bend the small angled fillets on each side of the supports, inwards to the deck edge angles. Shape and fit the railings, etched parts 6, to the outer edges

of the deck

of the deck. Fit the RHIB Davit crane, metal part 29 centrally to the deck of the platform, then fit the boat cradles, etched parts 101 to the fore and aft sides of the davit base. Fit the RHIB into place on the cradles as shown. Make two of these and fit in place so that the inboard edge of the platform locates against the funnel side and the feet of the supports fit other themselves and the supports fit along the main deck edges.



Data Link Radome Mast

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Assemble two RHIB as shown above, then fold the cradles, etched parts 101, in half so that they are double thickness with the relief detail outermost. Fit the RHIBs into the cradles then fit to the main deck between the main mast and the hangar One other is placed on the port side just aft of the STWS

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Other Instructions

- 1. Etched parts 112 are stock lengths of Anchor chain that can be used to fit on the focsle from the two Anchor Hawse Pipe holes, aft around the Capstans and forward to the shrouded deck ports that go down the cable lockers. There is also sufficient Anchor Chain to allow for a ship to be portrayed in a diorama, sitting at anchor with the chain running from the Hawse Pipe hole to the surface of the waterscape.
- Stock lengths of Vertical Ladder, etched parts 114, have been supplied for fitting to masts and outside vertical surfaces. See the Colour Guide for some locations. Inclined Ladders, etched parts 75, are fitted into place from the forward superstructure deck down to the main deck at the 30mm gun mounting positions. The single Inclined Ladder, etched part 72 is located at the aft hull step on the starboard side of the hangar.
- 3. Railing Section, etched part 26, is shaped and fitted to the small platform on the port side of the hangar forward at the RHIB Crane position.
- 4. Etched parts 79, are the door faces of the ammunition cabinets, three on each side of the bridge superstructure, forward of the Harpoon launchers. These may be fitted to the fronts of the cabinets after removing any moulded details.
- 5. Two 20mm GAMBO Oerlikon mountings etched parts 58, have been supplied to replace the 30mm gun mountings if required. Also the DLF Decoy Pods, metal parts 32, can be fitted in this location for an even later fit.
- 6. Please read through these instruction thoroughly before commencing any assembly work, as there may be relevant sections further along that may require attention before completing and earlier procedure.
- 7. Prepare your model before assembly by washing all resin parts in warm soapy water and left to dry completely. There may be some resin or metal "Flash" on the edges of some that must be cleaned of, usually with a quick brush of with fine wet or dry paper. Any mould pouring lugs and ejector pin stubs must be removed from mating faces before assembly commences to ensure a snug fit.
- 8. The decals provided in this kit are of the water slide type. Please do not try and peel them off the backing paper, as they will not. Cut out each decal and soak in luke warm water until it releases from the backing paper. The decal can then be slid into position on the model, carefully adjust the position as necessary with an artists brush. The decals are best applied to a glossy surface as this will prevent any silvering where air is trapped under the decal applied to a mat surface. Varnish the areas where the decals are to be applied with gloss varnish and allow to dry thoroughly before applying the decals. Humbrol Gloss Coat is ideal for the job as it is clear and doesn't go yellow with time. The entire areas may then be sprayed over with Matt Coat once the decals have set into position.

