

COSTUME REFERENCE LIBRARY

Pilot - AotC



Model **CP 5523**, Photo by **Mark B.**



Description: Pilot - AotC

Prefix: CP

Detachment: Clone Trooper Detachment

Context: Episode II: Attack of the Clones

Clone troopers are an army of identical, genetically-modified clones, created to serve in the Grand Army of the Republic. Cloned and raised on the water world of Kamino, the clone troopers are trained from birth to serve as efficient military forces. They possess unwavering loyalty to the Galactic Republic and its leader, Supreme Chancellor Palpatine.

The 501st approval requirements are listed in black.

In the page below, items listed in blue are recommended features that will improve the quality of the costume. Items listed in red are intended to further enhance the finished costume.

For 501st membership only the requirements in black need to be met.

This Visual Guide has been reviewed by the detachment staff and the LMO team and is certified for use as a minimum approval guideline for GMLs. GMLs are free to approve this costume type.

- Any uncertainties or questionable aspects of the submitted costume should be brought to the appropriate DL/GML peer review section of the legion forum.

Required Costume Components

The following costume components are present and appear as described below.



Helmet

For 501st approval:

- Episode 2 style Clone Pilot Helmet.
- Forehead and Mohawk are painted yellow.
- A rust red, republic cog on each side of the helmet dome.
- Mirrored chrome or black eye lens.
- Helmet frown is charcoal grey in color.
 - ◆ Wire or plastic mesh is utilized inside the helmet to cover the open pieces of the frown.
- (2) Primer Grey vents.
 - ◆ One on each side of helmet cheeks.
- Rear over hang has two hose connection points.
- Primer grey inside the recesses on the back of dome.
- Ear hole details are painted black.

For level two certification (if applicable):

- **Helmet has the appearance of a neck ring.**

For level three certification (if applicable):

- **Helmet has an enclosed complete neck ring that seals the helmet to the neck.**



Neck Seal

For 501st approval:

- Neck seal is black in color with vertical ribbing or being smooth in appearance.
- No logos or labels are visible.
 - ◆ If the seal is not incorporated as part of the undersuit, a balaclava or other similar covering is acceptable.

Under Suit

For 501st approval:

- Black non-textured material, either one-piece or two-piece construction with no visible zippers or logos.



Shoulder Armor
For 501st approval:

- Armor is painted matte or satin white.
- Shoulders are tear drop in shape with all rounded edges.

For level two certification (if applicable):

- Shoulders are not symmetrical.
 - ◆ The armor slightly curves back at the bottom of the shoulder.



Upper Arm Armor
For 501st approval:

- Armor is painted matte or satin white.
- There is a dimple on the lower area of the back of the arm.
- The outside of the bicep has a hard line edge at the front that turns in.
- The inside of the upper arm is rounded.
- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.



Elbow Armor
For 501st approval:

- Realistic style elbow armor.
- Armor is painted matte or satin white.
- Elbow straps have a raised detail line at the top and bottom of the strap.
- Armor has two parallel dashed detail slots on each outside edge of elbow at the strap connection.
- Elbows are mirror images of each other with a notched area on the outside of the elbow above the detail marks.
- Armor is weathered with shades of grey.



Forearm Armor For 501st approval:

- Armor is painted matte or satin white.
- Both left and right forearms are mirror images of each other.
- Right forearm has a compad with 8 small buttons, 1 Large main button, and 1 slightly smaller rectangular button.
- Forearm tops have a flattened triangular area with a ridge that comes to a point at the top of the forearm.

For level two certification (if applicable):

- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.
- Compad has detail antenna on its left.
- Instead of a hard edge the top of the forearm has a bone ridge.



Hand Plates For 501st approval:

- Realistic style hand plates.
- Armor is painted matte or satin white
- Hand plates have a top curving ridge that come to a point over the index or middle finger just past the main knuckle of the hand.
- Armor is weathered with shades of grey.



Gloves For 501st approval:

- Black over the wrist gloves made of leather, nylon, or other low pile fabrics.
- Gloves cover any exposed skin.
- Gloves do not show any labels or logos when the armor is worn.



Chest Armor For 501st approval:

- Armor is painted matte or satin white.
- Two detail slots on right breast.
- Chest and back armor match together at the sides with no open gap.
 - ◆ A seam line is present.
- Shoulder straps are slotted into the detail ridges of the top connection points.

Pilot Chest Box For 501st approval:

- Box is painted matte or satin white.



- Left side of the box has a display image.
- Under the display there are two larger rectangular buttons and some smaller details.
- Right side of the box has a circle with an X inside it.
- Under the circle are two wires.
- The bottom of the Chest Box has a O2 canister attached via a looping strap in the middle of the chest box.

For level two certification (if applicable):

- Image display is illuminated from behind.



Back Armor

For 501st approval:

- Armor is painted matte or satin white.
- Rear center plate has detailed area that contains 4 circles.
 - ◆ Under the circles, at the left side of the back, there are two parallel lines
 - ◆ On the the right of the back there is a squared detail.
- Back and Chest armor match together at the sides with no open gap
- A seam line is present.
- Shoulder straps are slotted into the detail ridges of the top connection points.

For level two certification (if applicable):

- Highly detailed resin insert replaces softer details.



Abdomen Armor

For 501st approval:

- Armor is painted matte or satin white.
- (2) inset lines divide the abdomen armor into segments.
- Four 1/4" diameter holes per side on inset lines.
 - ◆ Eight holes total.
- Abdomen armor wraps around the wearers body and is sealed at the sides or back.
- Abdomen armor is completely contained under the chest and back armor.

For level two certification (if applicable):

- Armor is seamless at the sides and closed in the back.
 - ◆ A detail plate covers the seam line and hides all work.



Codpiece and Posterior Armor

For 501st approval:

- Armor is painted matte or satin white.
- Codpiece and Posterior armor connect at the hips.

For level two certification (if applicable):

- Hips are connected via a snap with the correct detailed shape of the armor at the connection point.

Belt

For 501st approval:



- Realistic style belt, boxes, and detonator.
- Belt, boxes and detonator are painted matte or satin white.
- Belt front, between front boxes, has three vertical rectangle indents which are spaced apart by two protruding rectangle areas.
 - ◆ The rest of the belt is flat surfaced with raised edging on top and bottom that run along the rest of the belt.
- Eight Belt Boxes are attached to Belt, with four on each side.
 - ◆ The two largest Boxes are in front with angled top surface that is higher toward the center.
 - ◆ The smallest boxes are located behind the front boxes, about 1/8 inch apart and have an angled end on top.
 - ◆ The medium sized matching boxes, with flat top cover, are about 1/8 inch from smallest boxes.
 - ◆ Left rear box is spaced closer to detonator and has two square buttons in the top left corner, and two dashed indented detail marks on bottom right.
- Right rear box is spaced closer to detonator and has a bar with two small cylinders centered, and two dashed indented detail marks on bottom left.
- A detonator is centered and attached to back of Belt.
 - ◆ Detonator tube is about 2 1/4 inch diameter with wider detailed end caps.
 - ◆ Seven horizontally aligned square buttons are on left side of tube, facing backwards.
- Armor is weathered with shades of grey.

For level two certification (if applicable):

- Boxes are notched on back and fit flush to belt.

For level three certification (if applicable):

- Back of belt, between rear boxes, has horizontal ribbing.
- Detonator connects to back of belt without any visible clips and is firmly secured in horizontal position.



Thigh Armor
For 501st approval:

- Armor is painted matte or satin white.
- Front of thigh armor has a flat triangular area near the knee.
- From the top of the triangle a ridge line travels up the front of the thigh to the top edge.
- Rear of the thigh has an indentation.
- Armor is seamless.
 - ◆ No visible traces of how the armor was assembled are shown.

For level two certification (if applicable):

- Outside of lower edge comes to a point.
- Inner lower edge is rounded.



Knee Armor
For 501st approval:

- Armor is painted matte or satin white.
- Knees wrap around the front of the leg.
- From top center a vertical raised detail line is present.
- Knees are strapped to the leg via a white strap with a raised center area that wraps around the leg and connects on both sides of the

Knee.

For level two certification (if applicable):

- Center strap is primer gray.
- Connection between the knee and the strapping has a detail clip.



Lower Leg Armor
For 501st approval:

- Armor is painted matte or satin white.
- Lower Legs are mirror images of each other.
- The front of the armor has a triangular detail at the top of the leg and a hard ridge line down the front of the shin.
- Back of lower legs have an indentation just under the calf that extends down to the ankle.
- Calf can have an access area on the inside of the leg.
 - ◆ The outside of the calf is closed.

For level two certification (if applicable):

- Calves are seamless and have a trap door access through the indent in the rear of the lower leg.
- Outside of the lower leg has a pointed tip at the top.
- Inside of the lower leg is rounded at the top.



Boots
For 501st approval:

- White, ankle high or tall enough to cover the ankle and eliminate any black undersuit visible at the ankle.
- Boots are lace-less.
- The boots have armor detail to include a natural seam at the toe and a strap that goes over the top of the foot with two protruding disks at each side of the strap.
- There are no markings or labels from the shoe makers.
- Boot soles are flat.
- Boot soles are colored primer grey.

Optional Accessories

Items below are optional costume accessories. These items are not required for approval, but if present appear as described below.



DC-15S Blaster
For 501st approval:

Manufactured by BlasTech Industries the DC-15S is smaller in scale than the DC-15A blaster rifle. Although it has a shorter range than that of the "A" model, it is easier to handle with a higher rate of fire. It features a folding stock for braced firing.

- Realistic Clone Style DC-15S Blaster.
- Blaster may be scratch built out of plastic, wood, metal or cast in resin.

- Blaster has realistic Episode II or Episode III details:
 - ◆ Wire frame sight.
 - ◆ Folding stock.
 - ◆ (12) radiator fins evenly spaced along the length of barrel.
 - ◆ Igniter detail knobs.
 - ◆ Charge magazine clip on right side.
- Total length is approximately 26" (66 cm).
- Because of the scale, the Hasbro version is incorrect.

For level two certification (if applicable):

- Charge magazine detail on clip is metal to gun metal grey in color.
- Detail bolts and screws are metal to gun metal grey in color.
- Igniter knobs have some copper coloring.
- Blaster is weathered.

For level three certification (if applicable):

- Functioning Blue LED is installed in barrel.



DC-15A Blaster Rifle

For 501st approval:

Manufactured by BlasTech Industries, the DC-15A is a tibanna gas, cartridge powered weapon. Hyper-ionized blue plasma bolts are more than capable of penetrating armored units. Exceptionally effective against both droids and contemporary targets.

- Realistic Clone Style DC-15A Blaster Rifle.
- Blaster rifle is scratch built out of plastic, wood, metal or cast in resin.
- Blaster has realistic Episode II or Episode III details:
 - ◆ Flip up sight in down position.
 - ◆ (10) radiator fins evenly spaced along the length of barrel.
 - ◆ Power setting adjuster detail lever.
 - ◆ Sniper Scope attached under rifle in storage position.
 - ◆ Charge magazine clip on left side.
 - ◆ Igniter detail knobs.
- Total length is approximately 55 inches (139.7 cm).
- Because of the scale, the Hasbro version is not allowed.

For level two certification (if applicable):

- Charge magazine detail on clip is metal to gun metal grey in color.
- Detail bolts and screws are metal to gun metal grey in color.
- Igniter has some copper coloring.
- Power setting adjuster detail lever is metal or gun metal grey.
- Sniper scope is metal or gun metal grey.
- Blaster is weathered.

For level three certification (if applicable):

- Functioning Blue LED is installed in barrel.

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- [This CRL is available as a PDF at www.501st.com/databank/Costuming:CP_ClonePilot](http://www.501st.com/databank/Costuming:CP_ClonePilot)

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