

75432 V-19 Torrent Starfighter

Adapted by Carrie Blazina and tested by Jolene Nemeth.

Team up with hero character General Obi-Wan Kenobi against Asajj Ventress, and swoosh into Star Wars: The Clone Wars™ action with the LEGO® V-19 Torrent Starfighter building toy for kids.

A gift idea for boys, girls and any fans aged 9 and up, the starfighter features two stud shooters and adjustable wings for flight and landing modes. The tail can also be used as a handle for “flying.”

The buildable vehicle playset features 3 LEGO Star Wars minifigures, including Asajj Ventress with two red lightsabers with special curved hilts and General Obi-Wan Kenobi with a blue lightsaber for action-packed duels. The set also includes a Clone Pilot.

Unlimited ways to play — This set features a cool ship and Star Wars: The Clone Wars characters to play out memorable scenes and create new stories.

The set includes 567 pieces and the ship measures over 6 in. (15 cm) high, 8 in. (20 cm) long and 5.5 in. (14 cm) wide.

The front of the box includes the LEGO and Star Wars logos. The centerpiece of the scene is the V-19 Torrent Starfighter, a brick-red and white ship with two wings and a tail. The scene features the ship in action, shooting projectiles and dodging an explosion and laser blasts in space. The three minifigures in the set are visible — Obi-Wan Kenobi holding his blue lightsaber, a Clone Pilot holding a blaster, and Asajj Ventress holding her two red lightsabers. The top of the box has a 1-to-1-sized comparison image of the Clone Pilot. The left side of the box has a detail shot of the ship's cockpit and part of its wings.

The back of the box shows Obi-Wan Kenobi and Asajj Ventress minifigures having a lightsaber duel in a ship hanger; Asajj Ventress is using the lightsaber in her left hand to strike at Obi-Wan, who is raising his lightsaber with his right hand to block the blow. The Clone Pilot is running toward the two and firing his blaster at them. The ship is shown in the hanger in landing mode, with its wings folded up and its cockpit open. There is also a diagram showing how to fold the wings down for landing mode or lower the tail of the ship for flight mode.

The box contains five bags, a sticker sheet and an instruction booklet. Bag 1 includes the Obi-Wan minifigure and the pieces to build the core of the ship and part of its engines. In Bag 2, you'll continue building the ship and covering its frame. Bag 3 contains the Clone Pilot minifigure and the pieces to continue building the ship, including its tail. Bag 4 includes the pieces for one wing of the ship. In Bag 5, you'll build the Asajj Ventress minifigure and finish building the ship.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. Before you start building, here are some terms we will be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back.
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified).

- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- “Anti-stud” is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece.
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Technic brick - a brick which contains one or more holes which accept technic pins.

Lift-arms - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, ells and triangles.

Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at [<https://www.lego.com/en-us/service/building-instructions/75432>]. Low-vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags or small containers. Have a sighted friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted into groups according to the building steps in the set. Doing this in advance makes locating the pieces easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers or meaningful names. The parts will be collected into a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1, 2 and 3, and put them in one container. Note that where there are multiple colors of the same brick in a step, the colors will be split into two groups to make telling the difference easier for the builder!

Bag 1: Building Obi-Wan, the core of the ship and part of its engines.

Group 1: Steps 1-13, building Obi-Wan and part of the frame of the ship.

Group 2: Steps 14-34, building more of the frame.

Group 3: Steps 35-42, building more of the frame and the engines.

You will have a few leftover pieces: one silver lightsaber hilt, one white 1x1 plate, one blue 1x1 rounded plate and one black technic pin with short friction ridges.

Bag 2: Building more of the ship; covering its frame.

Group 4: Steps 43-71, building more of the ship.

Group 5: Steps 72-89, building more of the ship and covering its frame. You will need the sticker sheet in step 85.

Group 6: Steps 90-100, building more of the ship.

You will have a few leftover pieces: one light gray 1x1 round plate, one black round 1x1 tile, one dark red 1x1 slope tile, one dark gray ½ technic pin, one olive green 1x1 quarter round tile, one white 6L bar with stop ring, and one light gray technic bush.

Bag 3: Building the Clone Pilot; building more of the ship, including its tail.

Group 7: Steps 101-111, building the Clone Pilot and more of the ship and starting the tail.

Group 8: Steps 112-114, building more of the tail.

Group 9: Step 115, building more of the tail.

Group 10: Steps 116-120, building more of the tail.

Group 11: Steps 121-122, building more of the tail.

Group 12: Steps 123-128, building more of the tail.

Group 13: Steps 129-145, finishing and attaching the tail.

You will have a few leftover pieces: a black small blaster, a transparent light blue 1x1 rounded plate, a white 1x1 quarter round tile and a black saucer.

Bag 4: Building a wing of the ship.

Group 14: Steps 146-156, building a wing.

Group 15: Most of step 157, building more of the wing. Note: Step 157.2 contains two pieces of the same type but different colors, so we recommend finishing it in group 16 so that the pieces are separated. In other words, the dark red triangle should be in group 15 and the white triangle should be in group 16.

Group 16: Finishing step 157 through part of step 165, continuing to build the wing. Note: Step 165 contains two pieces of the same type but different colors, so we recommend starting step 165 in group 16 so that the pieces are separated. In other words, the dark red 1x2 plate with side studs hanging down should be in group 16 and the white 1x2 plate with side studs hanging down should be in group 17.

Group 17: Finishing step 165 through step 171, continuing to build the wing.

Group 18: Steps 172-184, finishing and attaching the wing.

You will have a few leftover pieces: a black 6L bar with stop ring, a black 1x1 round plate, a light gray technic ½ pin and a dark gray projectile launcher trigger.

Bag 5: Building Asajj Ventress; finish building the ship.

Group 19: Steps 185-195, building Asajj Ventress and an engine and starting the other wing.

Group 20: Most of step 196, building more of the wing. Note: Step 196.2 contains two pieces of the same type but different colors, so we recommend finishing it in group 21 so that the pieces are separated. In other words, the dark red triangle should be in group 20 and the white triangle should be in group 21.

Group 21: Finishing step 196-most of 204, building more of the wing. Note: Step 204 contains two pieces of the same type but different colors, so we recommend finishing it in group 22 so that the pieces are separated. In other words, the dark red 1x2 plate with side studs hanging down should be in group 21 and the white 1x2 plate with side studs hanging down should be in group 22.

Group 22: Finishing step 204-210, building more of the wing.

Group 23: Steps 211-225, finishing and attaching the wing.

You will have a few leftover pieces: five transparent bright green 1x1 round tiles, a black 6L bar with stop ring, a light gray curved lightsaber hilt with ridges,

The building instructions start with an ad for the LEGO Builder app as well as a diagram of multiple ways to use the included brick separator. First, the brick separator's two studs attach to the underside of a plate to detach it from under a brick. Next, the separator's axle pushes a bar through a brick to remove the bar. Then, the underside of the separator's studs attach to the top of a plate to detach it from a brick. Finally, the angled edge of the separator removes a tile from a plate.

Let's build!

Bag 1, groups 1-3: Building Obi-Wan, the core of the ship and part of its engines.

Group 1: Building Obi-Wan and part of the frame of the ship.

First, build Obi-Wan and his lightsaber. Ask a friend to make sure Obi-Wan's face is facing the way you prefer (he has two expressions — smiling or frowning). Attach a dark orange hairpiece with short combed-sideways hair to a dual-sided light nougat head with dark orange eyebrows, beard and sideburns, with a smiling face on one side and a frown on the other. Attach the head to a torso with a tan Jedi robe, a white collar, a Jedi logo on the left shoulder and a reddish brown belt, then attach the torso to a dual-molded pair of white legs with tan Jedi robe ends and black knee pads. Place a silver lightsaber hilt vertically upright in front of you, with the larger side facing up. Attach a transparent light blue 4L bar to the top of the lightsaber hilt. Attach Obi-Wan's lightsaber to his right hand by the hilt so he can use it.

Start Building

Step 1

Start building the frame of the ship. Locate one 1x4 black technic brick with three pinholes and one 8L dark gray technic axle with a stop ring. Place the brick horizontally in front of you. Hold the axle vertically, with the stop ring facing back. Insert the 8L axle with stop into the rightmost back-facing hole of the ppp and push it all the way through to the front.

Step 2

Attach the back-facing axle hole of a white 1x2 brick with axle hole to the ppp. Push it all the way onto the axle and hold the back-facing stop as you do so the axle stays in place.

Step 3

Place a light gray 1x2 slope tile vertically on the rightmost column so it slopes to the right.

Step 4

Attach a light gray ball joint with axle hole to the front-facing axle and push it all the way back so it touches the 1x2 brick.

Step 5

Get one light gray 1x6 technic brick with five holes. Place the brick horizontally in front of you. Attach the rightmost back-facing axle hole of the technic brick to the front-facing axle and push it back as far as it will go.

Step 6

Locate one dark gray 4x8 plate. Place the plate vertically in front of you. Place the four leftmost columns of the current build horizontally on top of the front four rows of the ppp so two rows overhang to the right.

Step 7

Horizontally place the four right columns of a light gray 1x12 brick with 11 pinholes on the 2nd row from the front so it overhangs eight columns to the left.

Step 8

Let's make a part. Place a black 1x4 brick with three pinholes vertically in front of you. Insert a dark gray 8L axle with stop into the back right-facing hole and push it all the way to the left.

Then, attach a white 1x2 brick with axle hole to the left-facing axle and push it all the way to the right. Place a light gray 1x2 slope tile horizontally on the back row so it slopes to the back. Now, attach a light gray technic ball joint with axle hole to the left-facing axle and push it all the way through so it touches the 1x2 brick.

Next, place a light gray 1x6 brick with five pinholes vertically in front of you. Insert the axle of the part into the backmost right-facing hole of the 1x6 brick and push it as far as it will go so the brick touches the ball joint. Next, place a dark gray 4x8 plate horizontally in front of you. Now, the front four rows of the part should be placed on the back four rows of the plate so it overhangs two rows to the back. Then, rotate the part 90 degrees counterclockwise so the axle faces front.

Then bring back the main build, making sure the 1x12 brick overhangs to the left. Place your part's second row from the front under the four rightmost columns of the 1x12 brick so it mirrors the part on the right side.

Step 9

Insert a blue 3L pin with stop ring into the fifth front-facing pinhole from the left so 1L and the stop ring are exposed to the front. Place another symmetrically to the right. Then, insert a black 2L pin into the front-facing hole to the left of the ppp. Place another symmetrically to the left.

Step 10

Insert a black 3L technic pin with stop bush into the second front-facing pinhole from the left so the bush faces the front. Then, insert another into the pinhole to the right of the ppp so its bush also faces the front. Now repeat both placements symmetrically to the right.

Step 11

Rotate the build 180 degrees. Find six light gray 1x2 log bricks. Starting with the left side of the build: Place the first one horizontally on the third row from the back, on the third and fourth columns from the left. Place another horizontally to the right of the ppp. Then vertically place another in front of the left column of the ppp. Repeat all 3 placements symmetrically on the right side of the build.

Step 12

Make a sub-build; it will be the same as steps 1-5. Place a black 1x4 technic brick with three pinholes horizontally in front of you. Hold a dark gray 8L axle with stop vertically, with the stop ring facing back. Insert it into the rightmost back-facing hole of the ppp and push it all the way through to the front.

Then, attach the back-facing axle hole of a white 1x2 brick with axle hole to the ppp. Push it all the way onto the axle and hold the back-facing stop as you do so the axle stays in place.

Next, place a light gray 1x2 slope tile vertically on the rightmost column so it slopes to the right.

Attach a light gray ball joint with axle hole to the front-facing axle and push it all the way back so it touches the 1x2 brick.

Then place a light gray 1x6 technic brick with five pinholes horizontally in front of you and insert the front-facing axle of your part into the rightmost back-facing hole.

Now, attach the four leftmost columns of your part to the four front rows of the right 4x8 plate on the main build so it overhangs two columns to the right and the axle faces the front.

Step 13

Make a sub-build; it will be the same as step 8. Place a black 1x4 brick with three pinholes vertically in front of you. Holding a dark gray 8L axle with stop horizontally with the stop facing right, insert it into the back right-facing hole and push it all the way to the left.

Then, attach a white 1x2 brick with axle hole to the left-facing axle and push it all the way to the right.

Place a light gray 1x2 slope tile horizontally on the back row so it slopes to the back.

Now, attach a light gray technic ball joint with axle hole to the left facing axle and push it all the way through so it touches the 1x2 brick.

Next, place a light gray 1x6 brick with 5 pinholes horizontally in front of you. Insert the axle of the part into the leftmost back-facing hole of the 1x6 brick and push it as far as it will go so the brick touches the ball joint.

Rotate the part 90 degrees counterclockwise so the axle faces the front. Now, attach the four rightmost columns of your part to the front four rows of the left 4x8 plate so the axle faces the front and it overhangs two columns to the left.

Group 2: Building more of the frame.

Step 14

Place a yellow 1x2 technic brick with axle hole horizontally on the 3rd and 4th columns from the left of the 3rd row from the front on the left side of the build. Then, place another symmetrically to the right.

Step 15

Place a gray 1x12 technic brick with 11 pinholes horizontally on the second row from the front so it is centered horizontally. It should sit in front of the two ppp.

Step 16

Insert a blue 3L technic pin with stop into the 4th front-facing pinhole from the left so the stop is in the front and 1L protrudes to the front. Repeat symmetrically to the right.

Step 17

Insert a brown 3L axle with end stop into the front-facing hole to the right of the ppp so the stop faces the front. Repeat symmetrically to the left.

Step 18

Let's make a part. Place a white 2x10 plate horizontally in front of you. Then horizontally place a black 1x6 plate on the back row so it is centered horizontally.

Step 19

Place a tan 1x2 plate horizontally on the 3rd and 4th columns from the left of the back row. Then place a light gray 1x2 rounded plate with hollow studs horizontally to the right of the ppp. Lastly, place another tan 1x2 plate horizontally to the right of the ppp.

Step 20

Place a dark red 2x3 plate horizontally on the three leftmost columns of the front row so it overhangs one row to the front. Repeat symmetrically to the right.

Step 21

Place the back row of a white 1x4 inverted curved slope brick vertically to the left of the ppp so it overhangs three rows and slopes to the front. Repeat symmetrically to the left.

Step 22

Place a dark red 1x6 plate horizontally on the 4th row from the front so it is centered horizontally.

Step 23

Place a white 1x4 plate horizontally in front of the ppp so it is centered horizontally. Then horizontally place a dark red 2x3 left wedge plate on the front row of the three leftmost columns so the angled side is in the front right, the right angle is in the back right, and it overhangs one row to the front. Repeat symmetrically to the right with a dark red 2x3 right wedge plate.

Step 24

Place a black 1x2 plate with 1x2 technic brick with pinhole on the two leftmost columns of the back two rows so the hole faces the back. Place another in the same orientation to the right.

Step 25

Place a white 1x4 brick horizontally on the back row so it is centered horizontally. Then, place a blue 1x1 round plate to the left and right of the ppp.

Step 26

Horizontally place a dark red 2x3 left wedge plate on the front row of studs of the three leftmost columns so the angled side is in the front right, the right angle is in the back right, and its front angled row rests on the previously placed left wedge plate; do not stack the plates. Repeat this placement symmetrically to the right with a dark red 2x3 right wedge plate.

Step 27

Make two stacks of two white 1x4 plates. Place the back two rows of the first one vertically to the left of the ppp so there is no overhang. Then, repeat symmetrically to the left.

Step 28

Vertically place a dark red 2x3 slope brick between the two ppp so it slopes to the front.

Step 29

Flip the build upside down and rotate it 180 degrees so the 1x4 inverted curved slope bricks face the front. Then, place a dark red 2x2 inverted curved slope tile on the front two rows in between the two 1x4 inverted slopes so it slopes to the front and down.

Step 30

Flip the build right side up so the 1x4 inverted curved slope bricks face the front. Bring back the main build so it is horizontal and the 2 blue pins face the front. Now attach the two back-facing pinholes of the sub-build to the two front-facing pins of the main build.

Step 31

Vertically place a light gray 2x4 curved slope brick on the 2nd and 3rd columns from the left so it is centered vertically and it slopes to the right. Repeat symmetrically to the right.

Step 32

Make four identical parts. Place a white 1x2 curved slope tile horizontally in front of you so it slopes to the left. Then place a white 1x1 plate under the right column of the ppp. Now you should have four identical parts.

Place one part horizontally on the back left corner of the build so it slopes to the left. Then, repeat the placement symmetrically to the right. Finally, repeat both of the previous placements symmetrically to the front.

Step 33

Vertically place a white 1x2 slope tile on the back two rows of the 3rd column from the left so it slopes to the right. Its back row should sit to the right of a 1x2 curved slope tile. Then, repeat this placement symmetrically to the right. Now, repeat both of the previous placements symmetrically to the front.

Step 34

Flip the build upside down keeping the previous orientation. Now, vertically place an olive green 1x2 brick on the 6th column from the left of the back two rows. Repeat symmetrically to the right. Then place the left column of a black 2x4 plate vertically in front of the ppp. Repeat symmetrically to the left.

Group 3: Building more of the frame and the engines.

Step 35

Place a light gray 1x2 rounded plate with hollow studs vertically to the left of the ppp so it is centered vertically to it. Repeat symmetrically to the right. Now, place a light gray 2x2 inverted curved slope tile to the right of the ppp so it slopes to the right. Repeat this placement symmetrically to the left.

Step 36

Horizontally place the middle two columns of a white 1x4 inverted curved slope brick behind the ppp so it slopes to the left. Repeat symmetrically to the front. Then repeat both placements symmetrically to the right.

Step 37

Horizontally place a light gray 1x2 plate with pinhole underneath on the 2nd row from the back on the 3rd and 4th columns from the left so the pinhole is on the left. It should sit behind the two right columns of the 1x4 inverted curved slope brick. Repeat symmetrically to the front. Then, repeat both placements symmetrically to the right.

Step 38

Vertically place the left column of a white 3x6 trapezoid plate on the 4th column from the left on the 2nd through 7th rows from the back so the short side faces the right. Its left column should sit on the right column of the two 1x2 plates with pinholes underneath. Repeat this placement symmetrically to the right.

Step 39

Place a white 1x4 plate vertically on the 6th column from the left on the 3rd through 6th rows from the back so it sits in front of the olive green vertical 1x2 brick. Then, vertically place a white 1x3 inverted slope in front of the ppp so it slopes to the front. Repeat both placements symmetrically to the right.

Step 40

Place an olive green 1x3 plate vertically on the back three rows of the 6th column from the left. Then, place a white 1x4 plate vertically in front of the ppp. Now, repeat both placements symmetrically to the right.

Step 41

Flip your build over maintaining the current orientation. Attach a white technic wheel to each of the front-facing axles and push them all the way back.

Step 42

Let's make two identical parts. Place a white 3x3x2 half cone brick in front of you. Then place a dark gray 2x2 round tile with a hole on top of the ppp. Now that you have two identical parts, attach the central anti-stud of one upright to each of the front-facing axles so the 2x2 round tile faces the front. Push each part as far back as it will go.

Bag 2: Building more of the ship; covering its frame.
Group 4: Building more of the ship.

Step 43

Let's make a sub-build. Place a black 2x2 brick in front of you. Then, place a black 1x2 plate with 2x2 upright side studs horizontally on the back row so the side studs face the back.

Step 44

Horizontally place a light gray 1x4 plate on the front row so it is centered horizontally.

Step 45

Horizontally place a light gray 1x2 jumper plate on the front row of the ppp so it is centered horizontally. Then place another horizontally behind the ppp.

Step 46

Vertically place a black 1x2 plate with a pinhole underneath on the leftmost column of the front row so the pinhole overhangs to the back. Repeat symmetrically to the right.

Step 47

Place a black 1x2 plate with clip vertically in front of you so the clip faces the front. Then place another on top of the ppp so the clip also faces the front. Vertically place this part on the studs of the 1x2 jumper plates in the center of the build so the clips face the front. The clips' hands will face left and right.

Step 48

Let's make two identical parts. Place a black 1x2 plate with rail horizontally in front of you so the rail faces the front. Place another horizontally on top of the ppp so the rail also faces the front. Now you should have two identical parts. Vertically place the first stack on the leftmost column so the rail faces the right. Then, place the second stack symmetrically to the right.

Step 49

Horizontally place a light gray 1x2 jumper plate on the front row so it is centered horizontally. Repeat symmetrically to the back. Then, place a light gray 1x2 plate with stud and upright pinhole vertically on the leftmost column so the pinhole is in the back. Repeat symmetrically to the right.

Step 50

Place a tan 1x2 plate horizontally on the back row so it is centered horizontally. Then, place a light gray 1x4 plate horizontally in front of the ppp.

Step 51

Place a tan 2x2 corner tile on the two left columns and front row of the sub-build so it looks like a braille letter J, or with the horizontal arm in the first row and the vertical arm in the second column. Then, repeat symmetrically to the right.

Step 52

Insert a black 2L technic pin into the bottom left-facing pinhole. Repeat symmetrically to the right. Then, insert the shorter side of a blue 3L pin into the top left-facing pinhole so 2L protrudes to the left. Repeat symmetrically to the right.

Step 53

Finish the sub-build: Attach a white 1x3 technic brick with three holes vertically upright to the two left-facing pins so the studs face the back. Repeat symmetrically to the right.

Step 54

Bring back the main build so the half cone bricks face the front. Flip the sub-build so the clips face down and the 2x2 brick is in the back. Place it into the gap in the center of the main build so the 2x2 brick is between the two log bricks at the back.

Step 55

Rotate the main build 180 degrees. Place a light gray 1x4 plate horizontally in front of you. Then horizontally place the front row of a black 1x2 plate with 1x2 brick with pinhole on the two left columns of the ppp so the brick overhangs to the back and the hole faces the back. Repeat symmetrically to the right.

Then, attach the two back-facing pinholes to the two front-facing pins which sit in front of the part we placed in the center gap of the main build. Your part should be centered horizontally on the front face of the build.

Step 56

Place a black 2x3 plate vertically on the second through fourth rows from the front so it is centered horizontally.

Step 57

Place a light gray 1x1 plate with 1x2 upright side studs on the leftmost column of the front row so the side studs face the front. Repeat symmetrically to the right.

Step 58

Vertically place the front row of a tan 1x8 plate on the ppp. Then, repeat symmetrically to the left.

Step 59

Place a black 1x2 brick with clip horizontally on the front row so it sits between the two ppp and the clip faces the front.

Step 60

Keeping the same orientation, flip the build upside down. Then, horizontally place a dark gray 2x4 plate on the second row from the front so it is centered horizontally.

Step 61

Start a sub-build. Place a white 9L lift-arm with four holes on one side and five on the other horizontally in front of you, with the side with four holes facing up. Insert the shorter end of a blue 3L technic pin with stop into the 2nd front-facing hole from the left so 2L protrudes to the front.

Step 62

Attach the rightmost back-facing bottom hole of a white 3x5 L shaped lift-arm to the front-facing pin so the shorter side is horizontal and on the bottom left and the right column is vertical and upright above the horizontal lift arm.

Step 63

Let's make two identical parts. Horizontally place a light gray 3L pin connector with two pins in front of you so the pinhole faces up. Then, insert a dark gray ½ pin with stud into the top facing pinhole. Now you should have two identical parts. Insert the first part into the 4th front-facing pinhole from the left so the stud faces the right. Then insert the other into the front-facing hole to the right of the ppp so the stud faces the same way.

Step 64

Attach a white 9L lift-arm with four holes on one side and five on the other horizontally to the front-facing pins so the side with four holes faces up and there is no overhang.

Step 65

Insert the long end of a white 6L bar with stop ring into the right-facing hollow stud and push it all the way in so it goes into the stud to the left of it and stops at the stop ring.

Step 66

Place a black 3L axle and pin connector with two pinholes and one axle hole vertically in front of you so the axle hole is in the back and faces left to right. Then insert a light gray 7L axle into the right-facing axle hole so it stops at the left end of the connector. Then, attach a light gray technic bush to the right-facing axle and push it all the way to the left so it touches the connector. Don't let the axle get pushed any further to the left.

Now, rotate your sub-build 90 degrees clockwise so the axle faces the front and the connector is facing the left. Push the axle of your part into the leftmost front-facing hole of the previous part so it goes all the way through and protrudes to the front. Then, push a light gray technic bush onto the front-facing axle and push it backward until it rests against the 9L lift-arm.

Step 67

Attach the front-facing axle hole of another black 3L axle and pin connector with two pinholes and an axle hole to the front-facing axle so the pinholes are on the left.

Step 68

Get one light gray technic axle and pin connector with a perpendicular split, a center pinhole and four axle holes as well as two black 2L technic notched axles and one dark gray technic $\frac{1}{2}$ pin.

Place the axle and pin connector in front of you with the two arms that have axle holes facing right. Holding the technic $\frac{1}{2}$ pin horizontally with the stop ring on the right side, insert the $\frac{1}{2}$ pin into the right facing pinhole so it goes all the way in. Insert one notched axle through the front left axle hole, pushing it only to the first stop ridge (not all the way in). Insert another to the right of it, pushing it as far as the ppp.

Rotate your part 90 degrees counterclockwise on the vertical axis so the axles are in front and sit in an upright column and the side with the $\frac{1}{2}$ pin is on the left. Attach the part to the two bottom holes of the vertical lift-arm and push the axles all the way through so they attach to the other arms of the connector.

Step 69

Insert a white 4L bar into the top-facing hollow stud and push it down as far as it will go.

Step 70

Make a symmetrical copy of the part from step 68. Find one light gray technic axle and pin connector with a perpendicular split, a center pinhole and four axle holes as well as two black 2L technic notched axles and one dark gray technic $\frac{1}{2}$ pin.

Place the axle and pin connector in front of you with the two arms that have axle holes facing left. Holding the technic $\frac{1}{2}$ pin horizontally with the stop ring on the left side, insert it into the left-facing pinhole and push it as far as it will go. Insert one notched axle through the front left axle hole, pushing it only to the first stop ridge (not all the way in). Insert a second axle to the right of the ppp in the same manner.

Rotate your part counterclockwise 90 degrees on the vertical axis so the pin with stud is on the left and facing down. Then, attach it to the top-facing 4L bar and push the axles through the two top front-facing holes so they attach to the other side of the connector.

Step 71

Bring back your main build so it is upside down and the half cone bricks face the back. Rotate the sub-build so the 9L lift-arms are vertical and upright and the 3L axle and pin connectors are facing vertically downward. The last connector we placed should be facing the front.

Attach the bottom back-facing pinholes of the 3L axle and pin connectors to the two front-facing pins on either side of the front-facing side studs and clip. Then flip the top-facing part of the sub-build down toward the front so it attaches to the front-facing clip.

Group 5: Building more of the ship and covering its frame.

Step 72

Flip the build right side up keeping the same orientation. Vertically place the front row of a white 1x8 plate on the second row from the front of the sixth column from the left. Then, repeat this placement symmetrically to the right. Now, place the left column of a black 2x2 bracket with upright 2x2 side studs in front of the ppp so the 2x2 studs are on top and the side with the pinhole overhangs and faces to the front. Now, repeat this placement symmetrically to the left.

Step 73

Rotate the build 180 degrees. Place a light gray 1x1 round plate on the fourth row from the back of the seventh column from the left counting the entire build. Repeat symmetrically to the right. Then place another on the back row of the same column. Now, place the last one symmetrically to the left.

Place a light gray 1x4 plate horizontally on the third row from the back so it is centered horizontally. The left and right columns should sit behind the front two 1x1 round plates we just placed.

Lastly, place a light gray 1x6 plate behind the ppp so it is centered horizontally to the ppp.

Step 74

Vertically place the back row of a black 2x3 plate on the third and fourth columns from the left on the back row, not counting the entire build. Repeat symmetrically to the right. Then, place a dark red 1x1 slope tile in front of the right column of the ppp so it slopes to the front. Now, repeat this placement symmetrically to the left.

Step 75

Vertically place a dark red 1x2 slope tile in front of the ppp so it slopes to the left. Then place another symmetrically to the left. Now horizontally place a dark red 1x2 tile with upright handle on the fourth row from the back so it slopes to the front. It should sit between the two 1x1 slope tiles.

Step 76

Let's make two identical parts. Place a tan 1x3 plate horizontally in front of you. Then horizontally place a white 1x2 tile on the two rightmost columns. Now you should have two identical parts. Holding the first one vertically so the 1x2 tile is in the back, place it in front of the left 1x2 slope tile from the previous step. Place the second part symmetrically to the right.

Step 77

Horizontally place a white 2x3 curved slope tile so it slopes to the left on the fifth and sixth rows from the front of the fourth, fifth, and sixth columns from the left counting the entire build. Place three more horizontally behind the ppp so they slope the same way. The front row of the last one should sit to the left of a 1x1 slope tile. Then, repeat all four placements symmetrically to the right.

Step 78

Start a sub-build — the navigational computer display. Place a black 1x2 brick with two side studs on one side horizontally in front of you so the side studs face the back. Then, place a white 1x1 plate with upright side stud on the left column of the ppp so the side stud faces the left. Now, repeat the last placement symmetrically to the right.

Step 79

Horizontally place a white 1x2 plate with 2x2 side studs hanging down on the two ppp so the side studs face the front.

Step 80

Place a white 1x2 plate with two clips horizontally upright on the top row of front-facing side studs so the clips face up. Then, place a tan 1x2 plate horizontally upright below the ppp.

Step 81

Place a white 2x2 tile with upright 1x2 plate upright on the front-facing side studs so the studs of the plate face up.

Step 82

Place the back row of a 2x2 curved slope brick with rounded edge on the top-facing studs so the rounded side slopes and overhangs to the front.

Step 83

Place an olive green 1x1 quarter round tile on the left stud of the ppp so the curved side faces the front left. Repeat symmetrically to the right.

Step 84

Rotate the sub-build 180 degrees. Place a light gray 2x2 round tile upright on the front-facing side studs so it is centered.

Step 85

Find the sticker sheet and ask a friend to help you find the right sticker and orient it correctly. Detach sticker 2. Attach it upright on the round tile from the last step so that the yellow rectangular notch on the navigational computer is facing down.

Step 86

Rotate the sub-build 180 degrees. Place it on the fourth through sixth rows from the front so it is centered horizontally. The overhang should attach to the 2x3 slope brick in the front center of the build.

Step 87

Place the two back rows of a white 1x6 slope tile vertically to the left of the two front rows of the ppp; it should slope to the front and there is no overhang. Repeat symmetrically to the right. Then place a dark red 1x1 slope tile on the second column from the left on the third row from the front (counting the entire build) so it slopes to the front. Repeat symmetrically to the right.

Step 88

Place an olive green 1x3x2 half arch brick horizontally in front of you so the arch faces the right. Then, place a black 1x1 round tile on the rightmost stud of the ppp. Now, place an olive green 1x2 inverted slope brick vertically on the leftmost column so it slopes and overhangs to the front.

Rotate the main build 180 degrees so the half cone bricks face the back. Rotate the part so the anti-stud faces the front and is in the top left corner with the slope to the right of it. Attach your part to the right front-facing 2x2 anti-studs so the bottom row of the left column hangs down.

Step 89

Make a symmetrical copy of the combined piece from the previous step. Place an olive green 1x3x2 half arch brick horizontally in front of you so the arch faces the right. Then, place a black 1x1 round tile on the rightmost stud of the ppp. Now, vertically place an olive green 1x2 inverted slope brick on the leftmost column so it slopes and overhangs to the back.

Rotate the sub-build so the anti-stud faces the front and it is in the top right corner with the slope to the left. Place this part upright symmetrically to the left of the previous part.

Group 6: Building more of the ship.

Step 90

Let's make a part. Horizontally place a dark red 2x3 right wedge plate in front of you so the angled side faces the front right. Then horizontally place a dark red 1x2 plate on the two left columns of the ppp.

Next, place the leftmost column of the back row of a 3x3 wedge plate with cut corners to the right of the ppp so the angled side faces the front left. Then, horizontally place a dark red 1x2 plate under the front row of the ppp so one column is exposed to the right.

Now, vertically place a dark red 1x2 slope tile on the exposed column of the ppp so it slopes to the front and overhangs to the back. Lastly, horizontally place a dark red 1x6 tile on the back row so the rightmost column is behind the ppp.

Rotate your part so it is vertical and the slope tile is in the back right. Attach the slope tile of your part in this position to the second row from the front of the seventh column from the right so it is in front of the white 2x3 curved slope.

Step 91

Make a symmetrical copy of the part you just made. Horizontally place a dark red 2x3 left wedge plate in front of you so the angled side faces the front right. Then horizontally place a dark red 1x2 plate on the two right columns of the ppp.

Next, place the rightmost column of the back row of a 3x3 wedge plate with cut corners to the left of the ppp so the angled side faces the front right. Then, horizontally place a dark red 1x2 plate under the leftmost column of the back row of the ppp so one column is exposed to the left.

Now, vertically place a dark red 1x2 slope tile on the exposed column of the ppp so it slopes to the front and overhangs to the back. Lastly, horizontally place a dark red 1x6 tile on the back row so the rightmost column is behind the ppp.

Rotate your part so it is vertical and the slope tile is in the back left. Attach the slope tile of your part in this position to the second row from the front of the seventh column from the left so it is in front of the white 2x3 curved slope.

Step 92

Place two dark red 1x1 short half cylinder bricks, one to the right of the other, on the third row from the front of the eighth and ninth columns from the right so they slope to the front and back. They should sit in front of the 1x2 tile with upright handle. Then place a tan 1x1 rounded short brick with side stud to the left of the two ppp so its side stud faces the left. Repeat symmetrically to the right.

Step 93

Place the right column of a light gray 2x2 plate with 1x2 side stud in front of the ppp so its side studs face the right. Repeat symmetrically to the left.

Step 94

Place a dark gray 2x2 plate in front of you. Then place a black 2x2 brick on top. Place your part on the two ppp so it is centered horizontally on them.

Step 95

Vertically place a black 1x2 brick with two side studs to the left of the ppp so the side studs face the left. Repeat symmetrically to the right.

Step 96

Place a white 1x1 plate with 1x2 side studs hanging down on the front row of the ppp so the side studs face the front. Repeat symmetrically to the left. Then, place the left column of a white 2x2 corner plate behind the ppp so it looks like a braille letter D, with the right column to the right of the ppp. Lastly, place another symmetrically to the right.

Step 97

Place a white 1x4 slope brick vertically upright on the left column of front-facing side studs so it slopes down. Repeat symmetrically to the right.

Step 98

Place a black 1x2 slope tile vertically behind the left upright slope brick so it slopes to the left. Repeat this placement symmetrically to the right.

Step 99

Let's make two identical parts. Place a dark gray hinge base brick horizontally in front of you so the wall faces the back. Then attach the bar of a white 2x2 plate with hinge bar underneath to the hinge base until it clicks into place. The plate should overhang one row to the front. Now you should have two identical parts.

Place the first part vertically to the right of the left slope from the previous step so the plate overhangs the slope tile on the left. Tilt the plate down so it rests on the slope underneath. Repeat this placement symmetrically to the right.

Step 100

Find two white 3x3x2 cylinders. Place one on the left front-facing axle so the studs face the front. Push it back as far as it will go. Repeat symmetrically to the right.

Bag 3: Building the Clone Pilot; building more of the ship, including its tail.

Group 7: Building the Clone Pilot and more of the ship and starting the tail.

First, build the Clone Pilot. Attach a minifigure helmet with a black visor, light gray stripes, a red Galactic Republic logo and yellow markings to a nougat minifigure head with a stern expression. Make sure the two small triangular cutouts on the visor face front (or feel for the half-circle cutout on the back of the helmet and position that facing back). Then, attach the head to a torso with pilot armor, including a belt, life support system with dark gray tubes, and black hands; ask a friend to help you position the facial expression so it faces the front. Next, attach the torso to a pair of minifigure legs with black and light gray markings and knee pads. Put a black small blaster in his right hand.

Step 101

Rotate the build 90 degrees clockwise so the lift-arms face left. Horizontally place the right two rows of a white 2x4 right wedge plate on the right 2x2 hinge plate at the left front of the build so the narrow part of the wedge plate faces and overhangs two rows to the left. Then place a white 1x2 plate vertically upright on the right column of front-facing side studs under the ppp. Now, place a white 2x2 right wedge plate upright to the left of the ppp so the angled side faces left.

Step 102

Place a white 1x1 quarter round tile upright on the upper stud of the ppp so the round side faces up and left. Then place a white 1x2 curved sloped left wedge tile horizontally upright to the right of the ppp so it overhangs one column to the right and the angled side faces the top. Then attach the left two columns of a white 1x8 curved slope tile horizontally upright to the bottom row of right-facing side studs below the two ppp so it slopes to the right. The rightmost column of this part should attach to the right front-facing side stud, which is on the navigational computer, and slope to the right.

Step 103

Create a symmetrical build of the pieces from the last two steps on the other side. Rotate the build 180 degrees counterclockwise so the lift-arms face right. Horizontally place the left two rows of a white 2x4 right wedge plate on the right 2x2 hinge plate at the right of the build (facing the builder) so the narrow part of the wedge plate faces and overhangs two rows to the right. Then place a white 1x2 plate vertically upright on the front column of left-facing side studs under the ppp. Now, place a white 2x2 right wedge plate upright to the right of the ppp so the angled side faces the right.

Step 104

Place a white 1x1 quarter round tile upright on the upper stud of the ppp so the round side faces up and to the right. Then place a white 1x2 curved sloped right wedge tile horizontally upright to the left of the ppp so it slopes and overhangs to the left and the angled side faces up. Now place the right two columns of a white 1x8 curved sloped tile horizontally upright on the bottom row of side studs below the two ppp so it slopes and overhangs to the left. Its leftmost column should attach to the left front-facing side stud, which is on the navigational computer.

Step 105

Find a transparent yellow 6x4x2 round windscreen with a bar handle. Place it vertically upright with the hollow interior facing right. Attach the bar handle to the two clips to the left of the navigational computer. Fold the windscreen down to the right so it covers the cockpit.

Step 106

Start building the tail. Grab one white 6x10 plate and one white 1x2 plate. Place the 6x10 in front of you horizontally. Horizontally place a white 1x2 plate on the two rightmost columns of the back row.

Step 107

Place a white 2x6 plate vertically in front of the ppp so it overhangs one row to the front.

Step 108

Place four white 2x2 tiles with two studs one to the left of the other, on the back two rows to the left of the two ppp so the studs are in the front.

Step 109

Horizontally place the two right columns of a light gray 1x4 plate under the front right overhang so two columns are exposed to the left.

Step 110

Horizontally place a light gray 1x8 plate on the third row from the back on the eight leftmost columns. Then, place a white 2x4 plate vertically in front of the two right columns of the ppp.

Step 111

Horizontally place a white 2x10 plate to the left of the back two rows of the ppp so four columns overhang to the left. Then place a tan 1x6 plate horizontally on the front row so there is no overhang.

Group 8: Building more of the tail.

Step 112

Flip the build so it is upside down and horizontal with the 2x10 plate on the right. Vertically place a white 2x3 plate on the three front rows of the third and fourth columns from the left. Then, horizontally place a white 1x4 plate to the right of the back row of the ppp. Now, horizontally place a white 1x2 plate to the right of the ppp.

Step 113

Place four white 2x2 inverted tiles one to the right of the other, starting on the third and fourth columns from the left. They should sit behind the pieces we just placed.

Step 114

Place the back row of a white 3x6 left wedge plate horizontally on the six rightmost columns of the front row so it overhangs to the front and the angled side faces the front right.

Group 9: Building more of the tail.

Step 115

Flip the build right side up so the 2x10 plate overhangs to the left. Then, stack two dark red 3x6 left wedge plates so they are horizontal and the angled sides face the front left with the right angle facing the back right. Then, keeping the part in this orientation, place the back row of the stacked plates starting in the fifth column from the right, so everything but the back row overhangs to the front.

Group 10: Building more of the tail.

Step 116

Horizontally place a white 3x6 left wedge plate on the front two rows of the six leftmost columns (counting only the studs, not the entire build) so there is no overhang and the angled part faces the front left. Then place a white 2x2 tile with two studs to the right of the ppp so the studs are in the front.

Step 117

Place a white 2x3 tile vertically behind the ppp. Then vertically place three more, one to the left of the other, to the left of the ppp.

Step 118

Start to make a part. Place a white 2x4 plate vertically in front of you. Then place the front two rows of the left column of a 3x3 corner plate on the back two rows of the right column of the ppp so the right angle is in the front left and it overhangs two columns to the right and one row to the back.

Step 119

Horizontally place a dark red 1x6 plate in front of the ppp so it is centered horizontally on the 2x4.

Step 120

Vertically place a white 1x4 plate under the second column from the left so its second row from the front is under the ppp and one row of the part is exposed at the front.

Group 11: Building more of the tail.

Step 121

Place a dark red 3x3 corner plate on the left two columns of the second row from the back (counting only the studs, not the entire build) so the right angle is in the front left and it overhangs one column to the left.

Step 122

Vertically place a white 2x3 plate on the back row of studs between the corner plates so it overhangs one row to the back.

Group 12: Building more of the tail.

Step 123

Place the left column of the back row of a white 3x3 corner plate on the third row from the back and the second column from the left so the right angle is in the back left.

Step 124

Horizontally place a white 2x3 plate behind the ppp. Then place a dark red 1x4 tile on the leftmost column of the sub-build.

Step 125

Flip the part upside down and rotate it so the 2x2 overhang is in the back. Then place a white 1x1 plate on the back row of the rightmost column.

Step 126

Flip the part right side up so the 1x4 tile is on the leftmost column. Stack two dark red 2x4 left wedge plates so they are horizontal with their angled sides facing the front left. Place the three right columns of the stacked plates on the front row so one column overhangs to the left and the angled side is in the front right.

Step 127

Attach this sub-build to the tail: Attach the four right columns of the second and third rows of studs from the front underneath the left overhang of the tail build.

Step 128

Place a white 2x3 tile horizontally with its front row covering the right three columns of the dark red wedge plate on the part you just attached. Place another white 2x3 tile horizontally behind the ppp.

Group 13: Finishing and attaching the tail.

Step 129

Flip the build so it is upside down with the wedge tiles facing the back and the 1x4 tile on the left column.

Let's make a part. Place a white 2x2 inverted curved slope tile in front of you so it slopes to the front. Horizontally attach the two left columns of a light gray 1x4 plate to the back row of the ppp. Then place another white 2x2 inverted curved slope tile under the two right columns of the ppp so it slopes to the front.

Place your part vertically on the fifth and sixth columns from the left so it slopes to the left and is centered vertically with the part under it.

Step 130

Flip the build right side up so it is horizontal and the 1x4 tile is on the left column.

Make two identical parts. Place a dark gray 1x2 plate with 1x2 side studs hanging down horizontally in front of you so the side studs face the front. Horizontally place a dark gray 1x2 plate with 1x2 upright side studs on top of the ppp so the side studs face the front. Now you should have two identical parts.

Place the first part horizontally on the front row of the fifth and sixth columns from the left so the side studs face the front. Place the second symmetrically to the back.

Step 131

Vertically place a white 2x4 curved slope tile between the two ppp so it slopes to the left.

Step 132

Place a black 2x2 round jumper plate in front of you. Then, place a black saucer on top. Now, place a transparent light blue 1x1 round plate on top of the ppp. Place your part upright on the front-facing side studs.

Step 133

Place a black 2x2 round jumper plate in front of you. Then place a light gray 2x2 half cone with ridges on top. Place your part upright on the back-facing side studs.

Step 134

Place a white 2x2 slope brick on the back two rows of the two right columns so it slopes to the back.

Step 135

Place two white 1x1 technic bricks with axel hole one to the right of the other in front of the ppp so the holes face left and right.

Step 136

Place a white 1x2 brick horizontally in front of the two ppp.

Step 137

Let's make a part. Place a white 1x3 technic brick with three pinholes horizontally in front of you. Insert the short end of a blue 3L pin with stop ring into the right front-facing hole of the ppp. Repeat symmetrically to the left. Then horizontally attach another white 1x3 technic brick with three pinholes to the front-facing pins. Now, place your part vertically on the front three rows of the two right columns so the pins face the right.

Step 138

Vertically place a white 2x6 tile on the two rightmost columns.

Step 139

Flip the build upside down so it is horizontal and the wedge plates face the front. Place a white 2x2 inverted slope brick on the back left corner so it slopes to the back.

Step 140

Place two white 1x1 technic bricks with axle hole one to the right of the other in front of the ppp so the holes face left and right.

Step 141

Place a white 1x2 brick horizontally in front of the two ppp.

Step 142

Let's make a part. Place a white 1x3 technic brick with three pinholes horizontally in front of you. Insert the short end of a blue 3L pin with stop ring into the left front-facing pinhole. Repeat symmetrically to the right. Then, attach another white 1x3 technic brick with three pinholes horizontally to the front-facing pins. Place your part vertically in front of the ppp so the pins face the left.

Step 143

Place a white 2x2 inverted round tile with rounded bottom on the back two rows of the two left columns. Place another in front of the ppp.

Step 144

Flip the main build upside down so the cylinders are on the right. Detach the right facing lift-arms from the clip and lift them upright. Flip the tail 90 degrees from back to front so the 2x2 inverted round tiles with rounded bottoms face the front and are in the top left corner. Insert the left-facing pins into the two middle right-facing pinholes.

Step 145

Insert a tan 3L axle with stop into the front top left-facing hole and push it all the way in. Repeat symmetrically to the back.

Bag 4: Building a wing of the ship.

Group 14: Building a wing.

Step 146

Flip the build right side up, with the tail at the back and facing right and the half-cone bricks facing left. Clip the tail in so it is upright behind the cockpit. Place a dark gray 2x2 round plate with an axle hole in front of you and place a black 2x2 barrel on top of it. Attach the bottom-facing axle hole to the front right-facing axle.

Step 147

Place a transparent light blue 2x2 inverted round tile with rounded bottom in front of you. Then, place a black 2x2 round brick with axle hole on top of the ppp.

Next, place a dark gray 2x2 round plate with axle hole on top. Now, insert a light gray 5L axle through the top-facing axle hole and push it all the way down.

Then, place a black 2x2 round brick with axle hole on top of the build. Place a black 2x2 barrel on top of the ppp.

Lastly, attach a yellow 2L axle connector vertically upright to the top-facing axle.

Rotate your part so it is horizontal and the axle connector faces the left. Then attach it to the front right-facing axle so it is to the right of the previous build.

Step 148

Start building a wing. Place a white 6x12 left wedge plate horizontally in front of you so the angle is in the back right. Then horizontally place the front row of a white 2x3 left wedge plate on the right three columns of the third row from the front so the angled side aligns with the angle of the ppp.

Step 149

Vertically place a white 1x5 plate in front of the right column of the ppp so it overhangs three rows to the front.

Step 150

Horizontally place the rightmost column of a white 2x12 plate under the second and third rows from the front of the ppp so 11 columns are exposed to the left.

Step 151

Horizontally place the rightmost column of a white 1x5 plate under the front row of the rightmost column of the build so four columns are exposed to the left.

Step 152

Vertically place a white 1x5 plate on the front five rows of the second column from the right.

Step 153

Horizontally place the front row of a white 2x3 left wedge plate on the sixth row from the front of the seventh through ninth columns from the left so the angle is in the back right and aligns with the angle of the 6x12 wedge plate.

Then place the left column of a white 2x2 corner tile in front of the right stud of the ppp so it looks like a braille letter H, with its right angle in the bottom left.

Now, vertically place a white 2x4 tile in front of the ppp.

Step 154

Place the front row of a white 2x3 left wedge plate on the eighth row from the front of the fourth through sixth columns from the left, so the angle is in the back right and aligns with the angle of the plate beneath it. Then horizontally place a white 1x3 plate in front of the ppp.

Now, vertically place a white 1x4 tile with two studs on the fifth column from the right and on the third through sixth rows from the front.

Step 155

Place a white 4x4 tile with four studs on one edge in front of you with the studs facing right. Find your sticker sheet. Remove sticker 1 and place it vertically on the tile part of the plate. Ask a friend to help you ensure it is placed correctly.

Place the plate to the left of the ppp so the studs are on the right.

Step 156

Horizontally place a white 1x3 tile in front of the ppp. Then place the left column of a white 2x2 wedge plate with cut corners to the right of the ppp so the angled side faces the front left.

Group 15: Building more of the wing.

Step 157

Make a part. Place a white 6x8 plate vertically in front of you. Place a dark red 2x4 tile vertically on the two left columns of the ppp so it is centered vertically. Then place a dark red 2x2 tile to the right of the back two rows of the ppp. Next, place a dark red 2x2 triangle tile in front of the ppp so the right angle is in the back left.

Group 16: Continuing to build the wing.

Step 157

Place a white 2x2 triangle tile to the front right of the ppp so the right angle faces the front right and the angled side touches the ppp. Then, keeping the orientation the same, place the right three columns of the part on the three leftmost columns of the wing build.

Step 158

Vertically place a white 1x3 tile on the back three rows of the fifth column from the left. Then place a white 1x2 left wedge tile to the right of the back row of the ppp so the angle faces the back right.

Step 159

Flip the wing upside down so the angled side faces the back left. Place a dark gray 2x2 round plate with axle hole on the back two rows of the second and third columns from the right. Then place a light gray 1x1 short brick with hollow stud to the right of the back row of the ppp. Then, horizontally place a light gray 1x2 plate with pinhole underneath in front of the 2x2 round plate so the pinhole is on the left.

Step 160

Let's make a part. Place a white 1x3 technic brick with three pinholes horizontally in front of you. Then place the pin end of a black 3L pin axle into the rightmost front-facing pinhole so the axle faces the front.

Attach a black 1x1 technic brick with axle hole to the front-facing axle and push it all the way back.

Now, attach the axle hole of a dark gray 2x3 axle and pin connector with socket to the front-facing axle so the socket is on the right and its arms face the top and bottom.

Then attach the front row of your part horizontally to the three right columns of the fourth row from the back so the 1x3 brick is in the front and the socket faces the right.

Step 161

Let's make another part: it will be a mirror image of the previous part we made.

Place a white 1x3 technic brick with three pinholes horizontally in front of you. Then place the pin end of a black 3L pin axle into the leftmost front-facing pinhole so the axle faces the front.

Attach a black 1x1 technic brick with axle hole to the front-facing axle and push it all the way back.

Now, attach the axle hole of a dark gray 2x3 axle and pin connector with socket to the front-facing axle so the socket is on the left and its arms face the top and bottom.

Then rotate your part 180 degrees and attach the 1x3 brick horizontally to the three right columns of the fourth row from the front so the socket faces the right. It should sit in front of the previous part you made.

Step 162

Horizontally place a light gray 1x2 plate with a pinhole underneath in front of the left two columns of the ppp so the pinhole is on the left. Then insert a dark gray 4L axle with stop into the front-facing pinhole and push it all the way back.

Step 163

Place a light gray 1x1 short brick with hollow stud on the front right corner of the build. Then place the front row of a dark gray 2x2 round plate with axle hole to the left of the ppp.

Step 164

Place the back row of a white 3x3 corner plate on the second through fourth columns from the right of the back row so the right angle is in the back right. Repeat this placement symmetrically to the front.

Step 165

Place a dark red 1x2 plate with 1x2 upright side studs horizontally on the back right corner so the side studs face the back. Then, vertically place a tan 1x2 rounded plate with hollow studs in front of the left column of the ppp. Repeat the last placement symmetrically to the front.

Group 17: Continuing to build the wing.

Step 165

Horizontally place a white 1x2 plate with 1x2 upright side studs on the front right corner so the side studs face the front.

Step 166

Place the left column of a blue 2x2 corner plate on the fourth and fifth columns from the right on the second and third rows from the back so it looks like a braille letter F. Repeat symmetrically to the front. Then vertically place a tan 1x2 rounded plate with hollow studs between the left columns of the two ppp.

Step 167

Horizontally place a white 1x4 inverted curved slope brick on the second row from the back on the third through sixth columns from the right so it slopes to the left. Then place a light gray 2x2 inverted curved slope tile in front of the two middle columns of the ppp so it also slopes to the left. Repeat both placements symmetrically to the front.

Step 168

Vertically place a white 2x8 plate on the two right columns. Then place a light gray 1x6 plate vertically to the left of the ppp so it is centered vertically.

Step 169

Flip the wing over so it is horizontal and the angle is in the front left. Then horizontally place a dark red 2x4 plate with 1x4 side studs hanging down on the four right columns of the two front rows so the side studs face the front.

Step 170

Place a dark red 2x3 left wedge plate horizontally upright on the three left columns of front-facing side studs so the angled side faces down and to the left. Then place a dark red 1x2 ingot tile vertically upright to the right of the ppp.

Step 171

Place a white 2x3 tile horizontally in front of you. Detach sticker 3 from the sticker sheet and place it horizontally on the tile. Ask a friend for help orienting it if needed. Place the tile horizontally on the second and third row from the front on the sixth through eighth columns from the right so its right columns sit behind the 1x2 left wedge tile.

Group 18: Finishing and attaching the wing.

Step 172

Rotate the wing 180 degrees so the angled part is in the back right. Horizontally place a white 2x4 plate with 1x4 side studs hanging down on the front left corner so the side studs face the front.

Step 173

Place a white 2x3 right wedge plate horizontally upright on the three right columns of front-facing side studs so the angled side faces down and to the right. Then place a white 1x2 ingot tile vertically upright to the left of the ppp.

Step 174

Place a black 1x2 plate horizontally on the second row from the front on the third and fourth columns from the left. Then horizontally place the left two columns of a black 1x3 plate in front of the ppp.

Step 175

Place a dark gray 1x1 brick with side stud and bottom lip in front of you so the side stud faces the right. Then, place a black 1x1 round plate with hollow stud upright on the right-facing side stud. Place your part on the second row from the front on the second column from the right so the side stud faces the right.

Step 176

Horizontally place a black 1x2 plate to the left of the ppp. Then place two dark gray 1x1 bricks with side stud and bottom lip, one to the left of the other, to the left of the ppp so their side studs face the left.

Step 177

Let's make a part. Place a dark gray 1x2 plate with 1x4 side studs hanging down in front of you so the side studs face the front. Horizontally place two black 1x2 slope tiles, one to the right of the other, upright on the front-facing side studs so they slope upward.

Rotate the wing 90 degrees counter-clockwise so the sockets face the left. Vertically place your part on the third and fourth rows from the front of the second column from the right so the slope tiles are on the left.

Step 178

Make a stud shooter. Place a pearl dark gray 1x2 projectile launcher horizontally in front of you with the barrel of the shooter facing left. Hold a dark gray projectile launcher trigger horizontally with the round part facing down and the wider side on the right. Place the trigger in the top of the launcher, pushing it in until it clicks. Place this vertically on the front two rows of the rightmost column so the barrel overhangs to the front. Also, a little image in this step is demonstrating that you should not fire the stud shooter into someone's eye because they could be injured.

Step 179

Place a black 2x4 slope with a cutout vertically on the second through fifth rows of the two rightmost columns so it slopes to the right.

Step 180

Make a part. Hold a black candlestick horizontally in front of you so the bar faces the right. Attach the narrow end of a black 1x1 cone brick to the right-facing bar. Now, attach a black 1x1 round plate with hollow stud to the right-facing anti-stud of the ppp. Then, horizontally attach the short end of a black 6L bar with stop ring to the right-facing anti-stud of the ppp. Finally, insert the right end of the ppp into the hollow front-facing side stud on the top of the wing on the second column from the right and push it back as far as it will go.

Step 181

Flip the wing upside down, keeping the sockets on the left. Then, rotate it 90 degrees counter-clockwise so the sockets are in the front. Insert a black 2L axle into the left top-facing axle hole on the front-facing socket so 1L protrudes to the top. Repeat symmetrically to the right.

Step 182

Attach a dark gray bushing to the ppp. Repeat symmetrically to the left.

Step 183

Flip the wing right side up and rotate it so it is vertical with the sockets in the back and the 6L bar on the left.

Bring back the main build so the tail faces the right. Attach the two back-facing sockets to the two front-facing ball joints. Fold the wing so it is vertically upright at 12 o'clock.

Step 184

Finish the engine. Rotate the build 180 degrees so the tail is in the back. Make a part: Place a white technic round axle connector block with two pinholes and three axle holes in front of you. Place two light gray technic $\frac{1}{2}$ pins in the pinholes. Place a white 3x3 tile on top of the connector.

Attach this part to the axle of the right front-facing engine, pushing it through the connector's axle hole.

Bag 5: Building Asajj Ventress; finish building the ship.

Group 19: Building Asajj Ventress and an engine and starting the other wing.

First, build Asajj Ventress. Attach a white minifigure head with dark purple markings, dark red lips and a grin to a minifigure torso with a dark purple female dress top, light bluish gray wrappings, white arms and light bluish gray hands; ask a friend to help you position the facial expression so it faces the front. Attach the torso to a pair of minifigure legs with light bluish gray legs with a dark purple dress bottom and dark bluish gray wrappings. Make her lightsabers: Attach one transparent light red 4L bar to the opening of a light gray curved lightsaber hilt with ridges, then repeat to make a second lightsaber. Put a lightsaber in each hand. She's ready for a duel!

Step 185

Rotate the build 180 degrees so the tail is facing front. Place a dark gray 2x2 round plate with an axle hole in front of you and place a black 2x2 barrel on top of it. Attach the bottom-facing axle hole to the right front-facing axle.

Step 186

Make a part. Place a transparent light blue 2x2 inverted round tile with rounded bottom in front of you. Then, place a black 2x2 round brick with axle hole on top of the ppp. Next, place a dark gray 2x2 round plate with axle hole on top.

Now, insert a light gray 5L axle through the top facing axle hole and push it all the way down. Then, place a black 2x2 round brick with axle hole on top of the part. Place a black 2x2 barrel on top of the ppp. Lastly, attach a yellow 2L axle connector vertically upright to the top-facing axle.

Rotate your part so it is horizontal and the axle connector faces the right. Then attach it to the right front-facing axle so it is in front of the previous build.

Step 187

Build a symmetrical copy of the previous wing build. Place a white 6x12 right wedge plate horizontally in front of you so the angle is in the back left. Then horizontally place the front row of a white 2x3 right wedge plate on the three left columns of the third row from the front so the angled side aligns with the angle of the ppp.

Step 188

Vertically place a white 1x5 plate in front of the left column of the ppp so it overhangs three rows to the front.

Step 189

Horizontally place the leftmost column of a white 2x12 plate under the second and third rows from the front of the ppp so 11 columns are exposed to the right.

Step 190

Horizontally place the leftmost column of a white 1x5 plate under the front row of the leftmost column of the build so four columns are exposed to the right.

Step 191

Vertically place a white 1x5 plate on the front five rows of the second column from the left.

Step 192

Horizontally place the front row of a white 2x3 right wedge plate on the seventh row from the front of the seventh through ninth columns from the right so the angle is in the back left and aligns with the angle of the 6x12 wedge plate.

Then place the right column of a white 2x2 corner tile in front of the left stud of the ppp so the right angle is in the bottom right, so it looks like a braille letter J.

Now, vertically place a white 2x4 tile in front of the ppp.

Step 193

Place the front row of a white 2x3 right wedge plate on the seventh row from the front of the fourth through sixth columns from the right (counting only studs, not the entire part) so the angle is in the back left and aligns with the angle of the plate beneath it. Then horizontally place a white 1x3 plate in front of the ppp.

Step 194

Vertically place a white 1x4 tile with two studs on the fifth column from the left on the third through sixth rows from the front (when counting the partial first row). Place a white 4x4 tile with four studs on one edge to the right of the ppp so the studs are on the left.

Step 195

Place the right column of a white 2x2 wedge plate with cut corners in front of the left column of the ppp so the angled side faces the front right. Then horizontally place a white 1x3 tile to the right of the back row of the ppp.

Group 20: Building more of the wing.

Step 196

Start a sub-build. Place a white 6x8 plate vertically in front of you. Place a dark red 2x4 tile vertically on the two right columns of the ppp so it is centered vertically. Then place a dark red 2x2 tile to the left of the back two rows of the ppp. Then place a dark red 2x2 triangle tile in front of the ppp so the right angle is in the back right.

Group 21: Building more of the wing.

Step 196

Place a white 2x2 triangle tile to the front left of the ppp so the right angle faces the front left and the angled side touches the ppp. Place the three left columns of the sub-build on the three right columns of the wing build.

Step 197

Vertically place a white 1x3 tile on the back three rows of the fifth column from the right. Then place a white 1x2 right wedge tile to the left of the back row of the ppp so the angle faces the back left.

Step 198

Flip the wing upside down so the angled side faces the back right. Place a dark gray 2x2 round plate with axle hole on the back two rows of the second and third columns from the left. Then, place a light gray 1x1 short brick with hollow stud to the left of the back row of the ppp. Then, horizontally place a light gray 1x2 plate with pinhole underneath in front of the 2x2 round plate so the pinhole is on the right.

Step 199

Let's make a part. Place a white 1x3 technic brick with three pinholes horizontally in front of you. Then place the pin end of a black 3L pin axle into the leftmost front-facing pinhole.

Attach a black 1x1 technic brick with axle hole to the front-facing axle and push it all the way back. Now, attach the axle hole of a dark gray 2x3 axle and pin connector with socket to the front-facing axle so the socket is on the left and its arms face the top and bottom.

Then flip your part over and attach the front row horizontally to the three left columns of the fourth row from the back so the socket faces the left.

Step 200

Let's make another part; it will be a mirror image of the previous part we made. Place a white 1x3 technic brick with three pinholes horizontally in front of you.

Then place the pin end of a black 3L pin axle into the rightmost front-facing pinhole. Attach a black 1x1 technic brick with axle hole to the front-facing axle and push it all the way back. Now, attach the axle hole of a dark gray 2x3 axle and pin connector with socket to the front-facing axle so the socket is on the right and its arms face the top and bottom.

Then flip over your part and attach its back row horizontally to the three left columns of the fourth row from the front so the socket faces the left. It should sit in front of the previous part you made.

Step 201

Horizontally place a light gray 1x2 plate with a pinhole underneath in front of the two right columns of the ppp so the pinhole is on the right. Then insert a dark gray 4L axle with stop into the front-facing pinhole and push it all the way back.

Step 202

Place a light gray 1x1 short brick with hollow stud in the front left corner of the build. Then place the front row of a dark gray 2x2 round plate with axle hole to the right of the ppp.

Step 203

Place the back row of a white 3x3 corner plate on the second column from the left of the back row so the right angle is in the back left. Repeat this placement symmetrically to the front.

Step 204

Place a dark red 1x2 plate with 1x2 upright side studs horizontally on the back left corner so the side studs face the back. Then, vertically place a tan 1x2 rounded plate with hollow studs in front of the right column of the ppp. Repeat the last placement symmetrically to the front.

Group 22: Building more of the wing.

Step 204

Horizontally place a white 1x2 plate with 1x2 upright side studs on the front left corner so the side studs face the front.

Step 205

Place the right column of a blue 2x2 corner plate on the fourth column from the left on the second and third rows from the back so it looks like a braille letter D. Repeat symmetrically to the front. Then vertically place a tan 1x2 rounded plate with hollow studs between the right columns of the two ppp.

Step 206

Horizontally place a white 1x4 inverted curved slope brick on the second row from the back on the third through sixth columns from the left so it slopes to the right. Then place a light gray 2x2 inverted curved slope tile in front of the two middle columns of the ppp so it also slopes to the right. Repeat both placements symmetrically to the front.

Step 207

Vertically place a white 2x8 plate on the two left columns. Then place a light gray 1x6 plate vertically to the right of the ppp so it is centered vertically.

Step 208

Flip the wing over so it is horizontal and the angle is in the front right. Then horizontally place a dark red 2x4 plate with 1x4 side studs hanging down on the four left columns of the two front rows so the side studs face the front.

Step 209

Place a dark red 2x3 right wedge plate horizontally upright on the three right columns of front-facing side studs so the angled side faces down and to the right. Then place a dark red 1x2 ingot tile vertically upright to the left of the ppp.

Step 210

Place a white 2x3 tile horizontally in front of you. Detach sticker 3 from the sticker sheet and place it horizontally on the tile. Ask a friend for help orienting it if needed. Place the tile horizontally on the second row from the front on the sixth through eighth columns from the left.

Group 23: Finishing and attaching the wing.

Step 211

Rotate the wing 180 degrees so the angle is in the back left. Horizontally place a white 2x4 plate with 1x4 side studs hanging down on the front right corner so the side studs face the front.

Step 212

Place a white 2x3 left wedge plate horizontally upright on the three left columns of front-facing side studs so the angled side faces down and to the left. Then place a white 1x2 ingot tile vertically upright to the right of the ppp.

Step 213

Rotate the wing 90 degrees counterclockwise so the sockets face the back. Place a black 1x2 plate horizontally on the second row from the front on the third and fourth columns from the right. Then horizontally place the right two columns of a black 1x3 plate in front of the ppp.

Step 214

Place a dark gray 1x1 brick with side stud and bottom lip in front of you so the side stud faces the left. Then, place a black 1x1 round plate with hollow stud upright on the left-facing side stud. Place your part on the second row from the front on the second column from the left so the side stud faces the left.

Step 215

Horizontally place a black 1x2 plate to the right of the ppp. Then place two dark gray 1x1 bricks with side stud and bottom lip, one to the right of the other, to the right of the ppp so their side studs face the right.

Step 216

Let's make a part. Place a dark gray 1x2 plate with 1x4 side studs hanging down in front of you so the side studs face the front. Horizontally place two black 1x2 slope tiles, one to the right of the other, upright on the front-facing side studs so they slope upward.

Rotate the wing 90 degrees clockwise so the sockets face the right. Vertically place your part on the third and fourth rows from the front of the second column from the left so the slope tiles are on the right.

Step 217

Make a stud shooter. Place a pearl dark gray 1x2 projectile launcher horizontally in front of you with the barrel of the shooter facing right. Hold a dark gray projectile launcher trigger horizontally with the round part facing down and the wider side on the left. Place the trigger in the top of the launcher, pushing it in until it clicks. Place this vertically on the front two rows of the leftmost column so the barrel overhangs to the front. Also, a little image in this step is demonstrating that you should not fire the stud shooter into someone's eye because they could be injured.

Step 218

Place a black 2x4 slope with a cutout vertically on the second through fifth rows of the two leftmost columns so it slopes to the left.

Step 219

Hold a black candlestick horizontally in front of you so the bar faces the left. Attach the narrow end of a black 1x1 cone brick to the left-facing bar. Now, attach a black 1x1 round plate with hollow stud to the left-facing anti-stud of the ppp.

Then, horizontally attach the short end of a black 6L bar with stop ring to the left-facing anti-stud of the ppp. Finally, insert the left end of the ppp into the hollow front-facing side stud on the top of the wing on the second column from the left and push it back as far as it will go.

Step 220

Flip the wing over so the sockets are on the left. Then, rotate it 90 degrees clockwise so the sockets are in the front. Insert a black 2L axle into the left top-facing axle hole on the front-facing socket so 1L protrudes to the top. Repeat symmetrically to the right.

Step 221

Attach a dark gray bushing to the ppp. Repeat symmetrically to the left.

Step 222

Flip the wing right side up and rotate it so it is vertical with the sockets in the back and the 6L bar on the right. Bring back the main build so the tail faces the left.

Attach the two back-facing sockets to the two front-facing ball joints. Fold the wing so it is vertically upright at 12 o'clock.

Step 223

Finish the engine. Place a white technic round axle connector block with two pinholes and three axle holes in front of you and place two light gray technic ½ pins in the pinholes. Place a white 3x3 tile on top of it. Rotate the build 90 degrees clockwise so the tail is in the back. Attach the part to the axle of the left half-cone brick, pushing it through the connector's axle hole.

Step 224

Detach sticker 4 from your sticker sheet and place it on the left engine's 3x3 tile, then detach the other copy of sticker 4 and place it on the right engine's 3x3 tile. Ask a friend for help orienting them if needed.

Step 225

Load the stud shooters. Place a transparent bright green 1x1 round tile in the left stud shooter and another in the right stud shooter. To fire them, press the trigger down. LEGO is also reminding you that you should not fire the stud shooter into someone's eye because they could be hurt.

Congratulations, you finished the ship! You have several options for adjusting the wings; the wings can fold down at a 45-degree angle for flying mode. The tail can also unclip and fold down to go in the other clip, creating a handle for holding or "swooshing" the ship.

The last two pages of the instruction book have ads for additional Star Wars sets: Jango Fett's Starship, a 327th Star Corps Clone Troopers™ Battle Pack, a Battle Droid™ with STAP, a Republic Juggernaut, a brick-built K-2SO™ Security Droid, a Battle of Felucia Separatist MTT™, this set, The Force Burner Snowspeeder™ and a brick-built Wicket the Ewok™.

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our [Builders page](#). It's easy and we will do all the work! Just contact us at info@bricksfortheblind.org and together we will make it happen!

We hope you enjoyed building your LEGO set! Bricks for the Blind are able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>. Bricks for the Blind is a registered tax exempt 501(c)(3) corporation.

Please sign up for our [newsletter](#) and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!