



**A DURABLE
MOLDED-FOAM
FIGHTER
FROM WW II**



VIDEO ONLINE

Go to
backyardflyer.com
to see this P-51D
Mustang in action!

ParkFlyers.com **MINI P-51D**

The Mini P-51D Mustang is a nice replica of the famous WW II fighter. This Mustang comes adorned with traditional fighter markings applied to the wing and fuselage and it is constructed of a rigid and highly durable foam material. The kit comes with all of the individual components sealed in plastic and secured within preformed molded Styrofoam packaging. The kit also includes a Styrofoam stand to display the model.



The fuselage comes complete with the tail surfaces secured in place and the elevator hinged with all linkages and control clevises installed. The radio gear and servos are also installed and connected to the elevator and ailerons. The brushless motor is installed within the fuselage along with the attached propeller and spinner, eliminating lengthy setup time. The kit also includes additional decals, an additional propeller and a small Philips screwdriver and wrench. This little beauty is ready for flight and can be set up at the field in a couple of minutes. Also included in this kit are a 3-cell, 450mAh LiPo battery pack and a LiPo charger.

UNIQUE FEATURES

The Parkflyers.com Mini P-51D incorporates molded compressed hinging for the elevator and aileron control surfaces done during the molding process. As a ready-to-fly aircraft, there is no need for any assembly or drilling of any kind, which makes this a great choice for spending less time building and more time getting to the field to fly. The Mini P-51D Mustang doesn't require or use any landing gear; all you have to do is make a nice moderate approach to the runway and slide it in for a belly landing on the grass.



Above: Field setup takes only a few moments. **Right:** The battery fits easily into the front of the cockpit section. The canopy is removable.

All of the aircraft's components are made of molded Polyethylene material, which is rugged and durable. This material is well suited to the rigorous handling of hand-launching as well as repeated grass landings. This tough little Mustang comes in the classic warbird color scheme with the brilliant yellow tail, and the authentic American markings are complete with panel lines and riveting impressions. The canopy has three small magnets to secure it to the fuselage for easy access to the battery compartment within the fuselage cockpit.

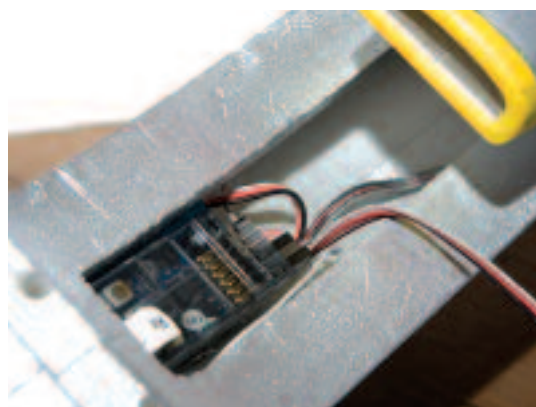
The plane also comes with a 3-cell 450mAh LiPo battery pack and a charger



with auto shutoff to ensure a safe and expedient charge. In about an hour, this bird is fully charged and ready to go! Right out of the box the fuselage comes equipped with a geared brushless motor, the classic red nosecone spinner made of flexible rubber, and propeller, all installed with the ESC attached and connected to the receiver pack. The radio gear is also installed within the fuselage and plugged into the receiver pack; all I had to do was plug the aileron servo into the receiver and secure the wing into place with a couple of nylon screws and charge the battery.

Parkflyers.com has done very well with the creation of their Mini P-51D Mustang, which has been carefully

The receiver comes already installed as does the rest of the airborne radio gear.

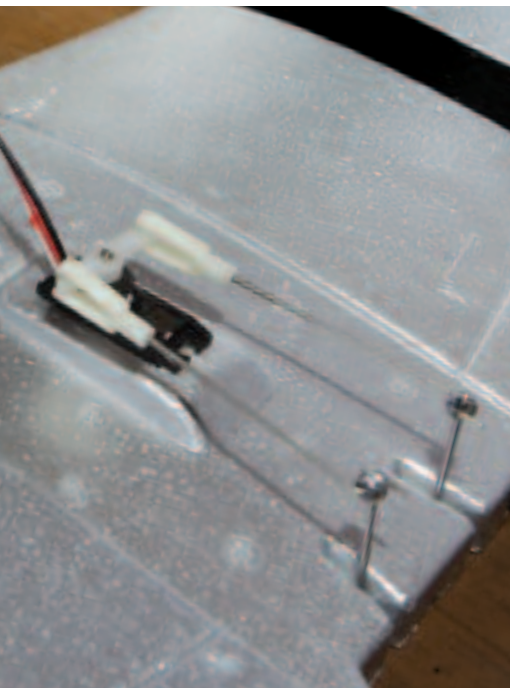


SPECIFICATIONS

- MODEL** Mini P-51D Mustang
- MANUFACTURER** Art-Tech
- DISTRIBUTOR** ParkFlyers.com
- TYPE** ready-to-fly foamie warbird
- SMALLEST FLYING AREA** soccer field
- WINGSPAN** 29.5 in.
- WING AREA** 174 sq. in.
- LENGTH** 24 in.
- WEIGHT** 12.16 oz.
- WING LOADING** 10.06 oz./sq. ft.
- FLIGHT DURATION** 4 to 5 min.
- PRICE** \$119.99

SCOREBOARD

- ⊕ Rugged molded construction
- ⊕ Ready to fly
- ⊕ Nice scale looks and display stand
- ⊕ Geared brushless motor



The Mustang's aileron servo and torque rod linkage comes installed.

GEAR USED

RADIO Art-Tech ParkFlyers R/C (included and installed)

MOTOR Geared 370 Brushless motor (installed)

BATTERY 3-cell 450mAh LiPo battery with charger (included)

PROP 10x4.7 (included)

thought out. When I started this project I found that within mere minutes it was finished. I did a control check of the radio equipment to ensure that I had elevator, aileron, and engine control all working properly and it was ready to take to the field for its initial flight!

CONCLUSION

In less than 10 minutes, I reviewed the instructions, had the plane completed and was ready to fly. I gave the battery a full charge and I was off to the field. By far this was the easiest little warbird yet! The simplicity is uncompromising. Whether you're an RC enthusiast or just interested in a display model, everyone will love this addition to their hanger. I've flown many park flyers and this is one of my all-time favorites. I love the look, it's easy to build and fun to fly! ☉

See the Source Guide for manufacturers' contact information.

IN THE AIR

CONTROL THROWS

AILERONS $\pm 1/4$ in.

ELEVATOR $\pm 3/8$ in.



This little Mustang is best suited for a soccer field or modest-size park. Takeoff is simple requiring only a toss upward with full power into the wind. I find that if you add a little bit of up-trim in the elevator it takes some of the hand-launching guesswork out of it, and this Mustang took off with authority. As it climbed out to altitude, I added a little trim adjustment to stabilize it for straight and level hands-off flight. Don't let the size fool you; it flies like a larger model and you should keep the speed up. Landing is the same as with most warbirds, so just make the approach at about $1/2$ throttle to the field, then bring the power back until you are just above the grass and chop the power before making a belly landing.

STABILITY Wind is a factor and it became increasingly difficult to fly at lower airspeeds. However, you can overcome this with its more than ample supply of power. At lower airspeeds the Mini Mustang has a tendency to tip stall, which is easily recovered by adding power.

TRACKING While making those low-level high-speed passes over the field, the plane tracks very well. During climb outs at an accelerated rate, rolls and Split-Ss, it doesn't require a lot of control input to stay on line and track through the maneuvers.

AEROBATICS General aerobatics can be executed nicely with the Mustang. This aircraft doesn't utilize rudder control, just elevator and aileron and this limits what you can do. Control is positive and loops and rolls don't pose any difficulties at all.

GLIDE & STALL PERFORMANCE When power is reduced, holding the nose up causes the plane to stall. This Mustang has a tendency to rock a bit to the left or right before entering a full stall, and recovery requires the application of power and elevator input while keeping the wings level with aileron. A power-off glide to the runway can be made with an ample amount of altitude to ensure a safe landing.

PILOT DEBRIEFING The Parkflyers.com Mini Mustang is a joy to fly. This is truly a plug-and-play, take-to-the-field project that you can have flying in just a few minutes. Like its larger scale counterpart, the Mini Mustang has all the same great looks and flight performance. This is a nice introductory plane with which to hone your WW II flying skills.