

NASA F-15 RPRV (Remotely Piloted Research Vehicle)

1/72 scale resin model by Newman R&D™

History

Three 3/8th scale models of the F-15 were built to carry out hazardous stall and spin tests on the design. The first flight was on October 12, 1973. This model represents the aircraft at this point in time. One of the F-15 RPRV was restored and is currently (Jan. 2002) at Dryden FRC.

Acknowledgements

Peter Merlin of the Dryden FRC History Office helped with the research on this project.

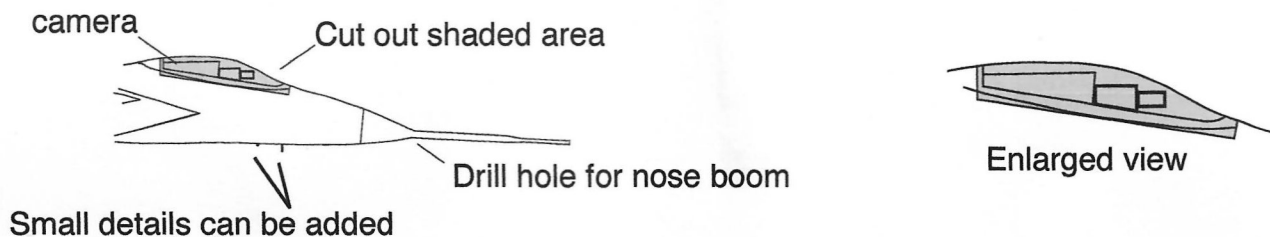
The kit was adapted from an F-15C in the HBM Models range produced by Ron Crawford. The HBM series is in constant 1/200 scale to match the military ID models in 1/200. You can check out the HBM web site (<http://www.luft46.com/hbm/hbm.html>) or contact Ron at (rlcraw@together.net). Of particular interest to the Edwards fans is a growing number of X-planes in the selection.

Instructions

Parts list: Airframe, camera, canopy, metal wire for nose probe (0.9 X 0.020 inches), and decals

General Instructions: Clean all resin parts in soap and water. Use cyanoacrylate or epoxy adhesives on resin.

The model can be built either with a painted on canopy (the easy way) or with the clear vacuformed canopy. To use the clear canopy, cut off the resin canopy as shown in the drawings. Glue the camera in this opening. Trim the vacuformed canopy to fit the opening and glue it in place.



Drill a hole in the tip of the nose and glue the boom in place.

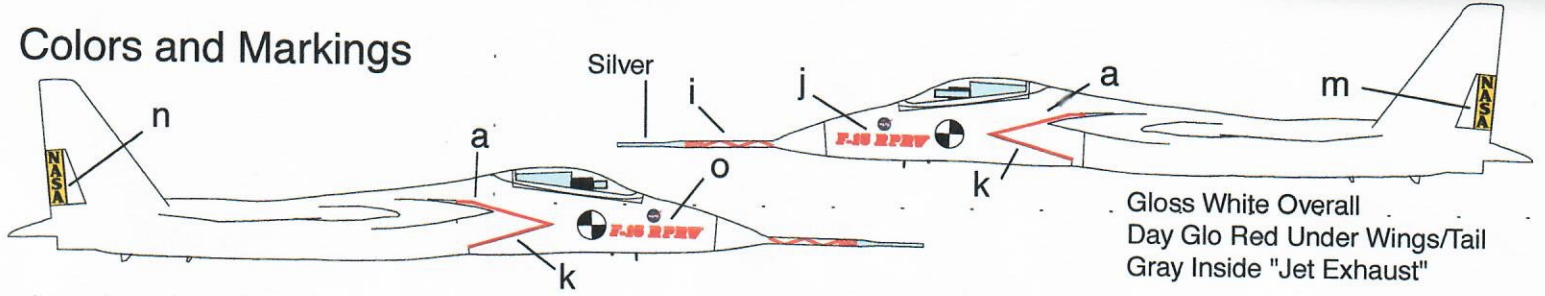
A hole was drilled into one of the exhausts to make it easier to remove the airframe from the mold. This hole should be filled in.

Paint and decal the model.

References

1. The following web site contains photos and movies of many of the aircraft which have flown at NASA Dryden: <http://www.dfrc.nasa.gov/gallery/index.html>
F-15 RPRV movie: <http://www.dfrc.nasa.gov/gallery/movie/F-15A-RPRV/HTML/EM-0011-01.html>
F-15 RPRV photos: <http://www.dfrc.nasa.gov/gallery/photo/F-15A-RPRV/index.html>

Colors and Markings



Gloss White Overall
Day Glo Red Under Wings/Tail
Gray Inside "Jet Exhaust"

