

AVIATION WORKSHOP PUBLICATIONS LTD

Sheet No
MA-72185
MA-48185

MODEL ALLIANCE

DECALS

WORLD AIR POWER

UPDATE 3

20
ANNI DI
TORNAADO



High Quality
Limited Edition Decals
Covering nine different
types from seven countries

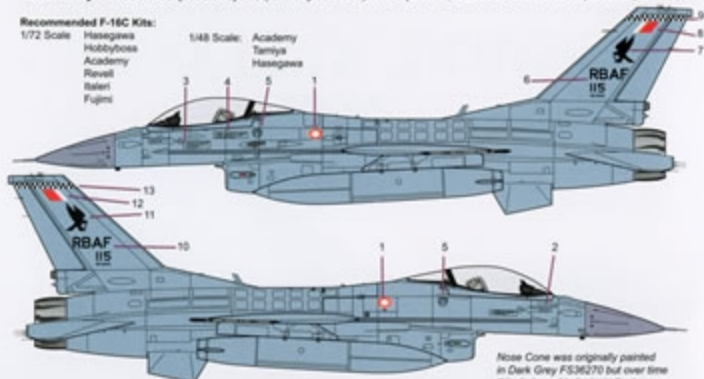
Recommended F-16C Kits:

1/72 Scale

Hasegawa
Hobbyboss
Academy
Revell
Italeri
Fuji

1/48 Scale:

Academy
Tamiya
Hasegawa



Nose Cone was originally painted in Dark Grey FS36270 but over time this darkened to look similar to FS36132

Neutral Grey

Nose Cone

FS.36270

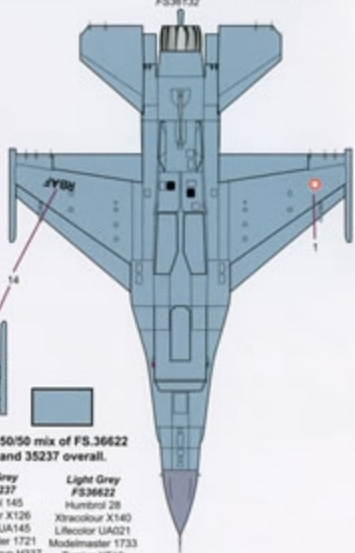
Humbrol 126

Xtracolor X133

Lifecolor UA028

Modelmaster 1725

Gunze Sangyo H306



50/50 mix of FS.36622 and 35237 overall.

Blue Grey

FS.35237

Humbrol 145

Xtracolor X126

Lifecolor UA145

Modelmaster 1721

Gunze Sangyo H337

Light Grey

FS36622

Humbrol 28

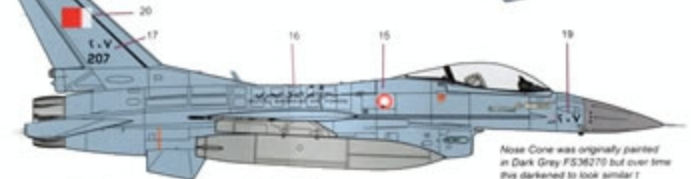
Xtracolor X140

Lifecolor UA021

Modelmaster 1733

Tamiya XF19

Gunze Sangyo H311



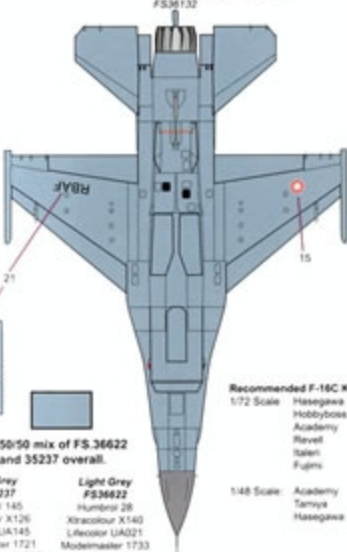
Nose Cone was originally painted in Dark Grey FS36270 but over time this darkened to look similar to FS36132

**Light Ghost Grey
Tanks and Pylons
FS 36375**

Humbrol 127
Xtracolor X136
Lifecolor UA026
Modelmaster 1728
Gunze Sangyo H308
White Ensign US-03

**Neutral Grey
Nose Cone
FS 36270**

Humbrol 126
Xtracolor X133
Lifecolor UA026
Modelmaster 1725
Gunze Sangyo H306



50/50 mix of FS 36622
and 35237 overall.

**Blue Grey
FS 35237**

Humbrol 145
Xtracolor X126
Lifecolor UA145
Modelmaster 1721
Gunze Sangyo H337

**Light Grey
FS 36622**

Humbrol 28
Xtracolor X140
Lifecolor UA021
Modelmaster 1733
Tamiya XF 19
Gunze Sangyo H311

Recommended F-16F Accessories:

1/72 Scale: AIRFrame CS-125 600n Gallon Fuel Tanks
AIRFrame CS-144 Littering III Pods

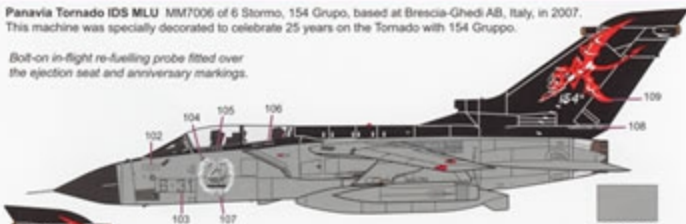
Recommended F-16C Kits:

1/72 Scale: Hasegawa
Hobbyboss
Academy
Revell
Italeri
Fujimi

1/48 Scale: Academy
Tamiya
Hasegawa

Panavia Tornado IDS MLU MM7006 of 6 Stormo, 154 Gruppo, based at Brescia-Ghedi AB, Italy, in 2007.
 This machine was specially decorated to celebrate 25 years on the Tornado with 154 Gruppo.

Boil-on in-flight re-fuelling probe fitted over the ejection seat and anniversary markings.



Lo-viz camouflage scheme of Matt Neutral Grey FS36280
 (Similar to BS381C:637 - Medium Sea Grey), Black radome. Dark Grey Wing slippers.

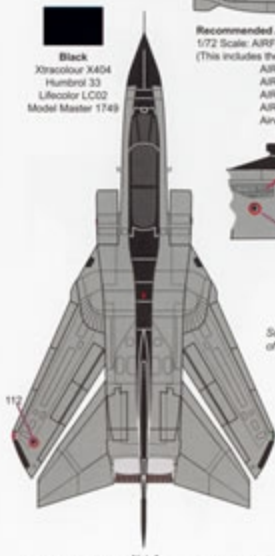
Neutral Grey
 FS36280
 (Nearest match FS36279)
 Humbrol 126
 Xtracolor X133
 Lifecolor UAO28
 Modelmaster 1725
 Tamiya XF20
 Gunze Sangyo H006
 White Ensign RN04



Black
 Xtracolor X404
 Humbrol 33
 Lifecolor LC02
 Model Master 1749

Recommended Accessories:

1/72 Scale: AIRframe CS-114 Tornado update
 (This includes the smaller fuel tanks)
 AIRframe CS-118 Paveway II Bombs
 AIRframe CS-143 Sniper designating Pod
 AIRframe CS-144 Litening III Pod
 ARES Cockpit set
 Airwaves Wing set with drooped flaps



Dark Grey
 Scrap view shows the position of the fuselage roundel, which is normally obscured by the wing pylons.

Scrap view shows the demarcation of the wing root glove.



Dark Grey

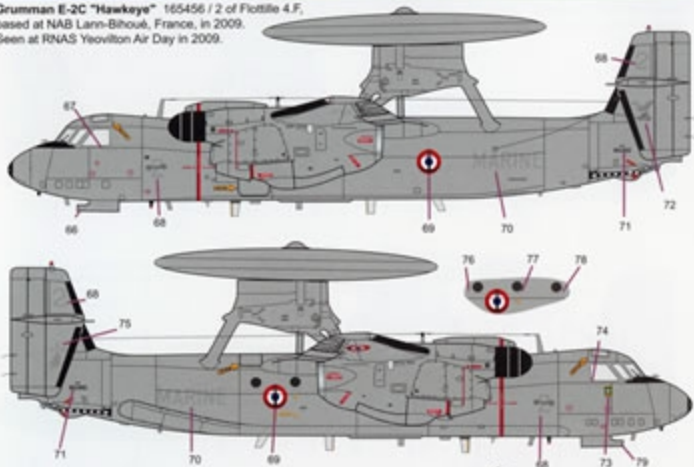
Recommended Kits:
 1/72 Scale: Revell Tornado ECR
 Hasegawa Tornado IDS
 Italeri Tornado ECR

1:48 Scale: Hobbyboss Tornado IDS
 Italeri Tornado IDS

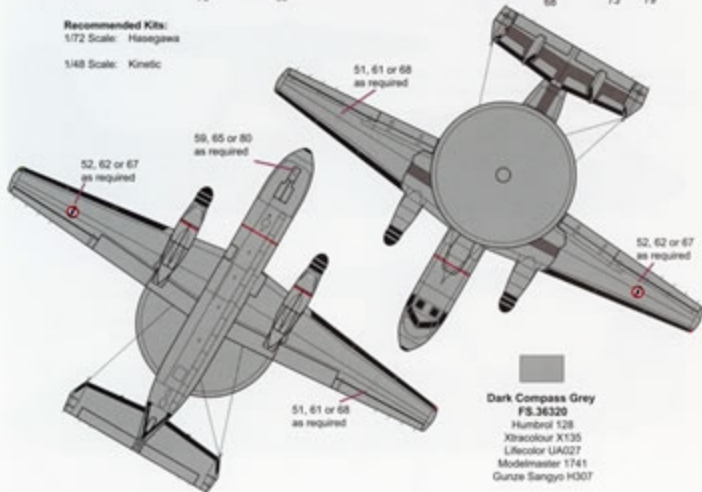
Notes*

We recommend that you use the superb Tauro Decals Italian Air Force, Tornado Stencil set.

Grumman E-2C "Hawkeye" 165456 / 2 of Flottille 4.F,
 based at NAB Lann-Bihoué, France, in 2009.
 Seen at RNAS Yeovilton Air Day in 2009.



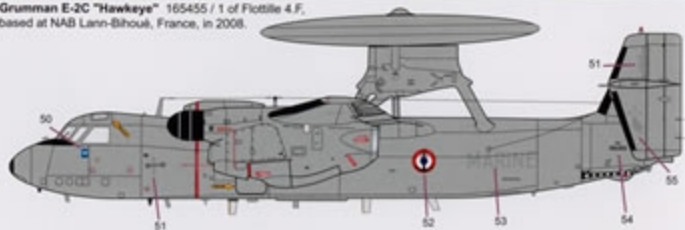
Recommended Kits:
 1/72 Scale: Hasegawa
 1/48 Scale: Kinetic



Dark Compass Grey
 FS.36320
 Humbrol 128
 Xtracolor X135
 Lifecolor UAG27
 Modelmaster 1741
 Gunze Sangyo H007

The numerals are applied in the same positions as above for both 165455 and 165417,
 including the nose-wheel door. The cockpits and numerals on both the upper and
 undersurfaces are toed outboard to 3 degrees.

Grumman E-2C "Hawkeye" 165455 / 1 of Flotille 4.F,
based at NAB Lann-Bihoué, France, in 2008.



Recommended Kits:
1/72 Scale: Hasegawa
1/48 Scale: Kinetic

Grumman E-2C "Hawkeye" 166417 / 3 of Flotille 4.F,
operating from the carrier "Charles de Gaulle" (R.91) in 2008.
No fin unit markings.



Dark Compass Grey
FS.36320
Humbrol 128
Xtracolor X135
Lifecolor UJA027
Modelmaster 1741
Gunze Sangyo H307



UAE F-16F Photos by JV Aviation



Tornado IDS '154' Gruppo via
Italian Air Force



F-16F Photo above via USAF Nellis AFB



German AF Eurofighter Photos by
Simov Svetlan

Eurofighter EF-2000 Typhoon T 30+17 / GT0008 of Jagdgeschwader 73 "Steinhoff", based at Laage, Germany, in 2008.

Use main aircraft stencils from Revell decal sheet in both scales

Bird emblem faces forwards.



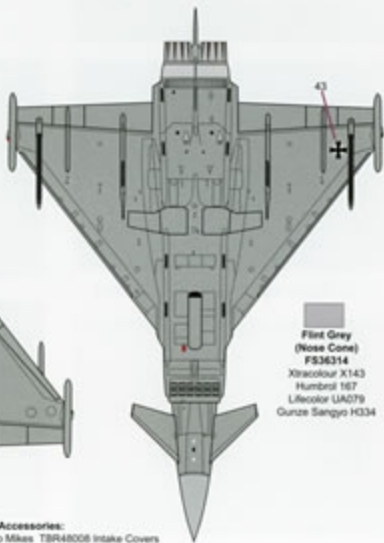
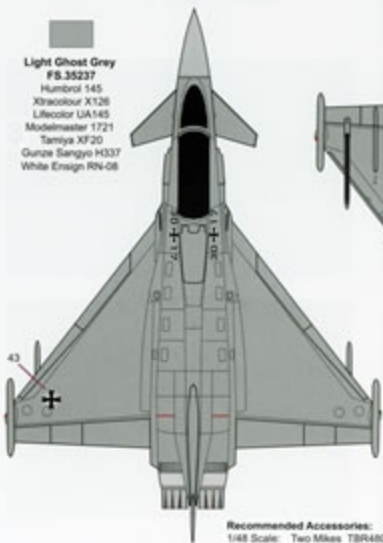
Recommended Typhoon Twin Seat Kits

1/72 Scale: Revell
Hobbyboss

1/48 Scale: Revell with Conversion set



Light Ghost Grey
FS.35237
Humbrol 145
Xtracolor X126
Lifecolor UA145
Modelmaster 1721
Tamiya XF20
Gunze Sangyo H337
White Ensign RN-08

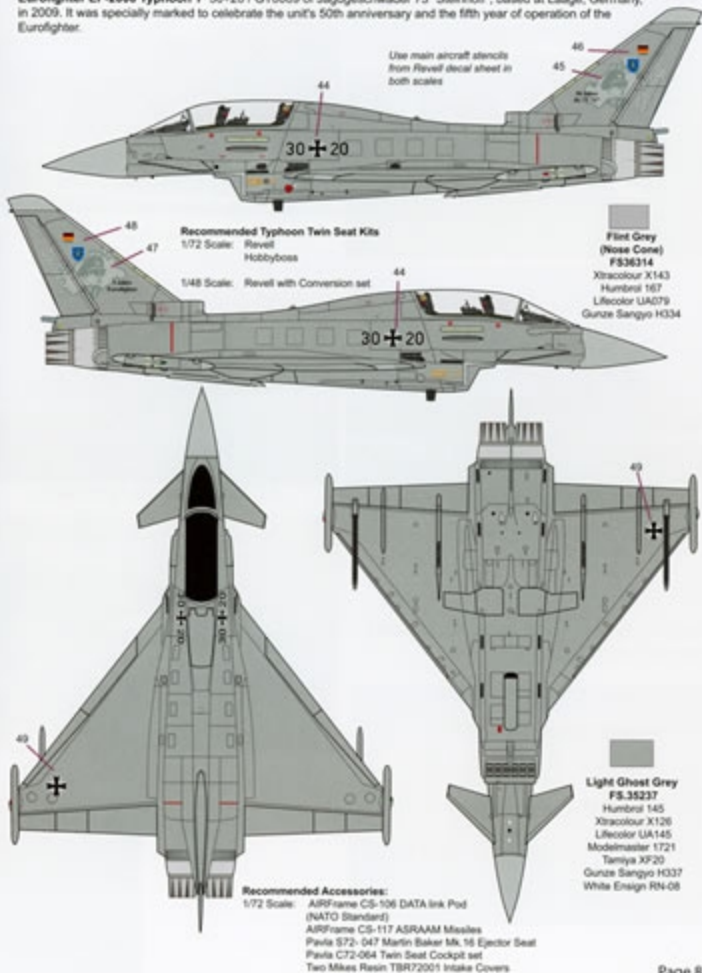


Flint Grey
(Nose Cone)
FS36314
Xtracolor X143
Humbrol 167
Lifecolor UA079
Gunze Sangyo H334

Recommended Accessories:

1/48 Scale: Two Mikes TBR48008 Intake Covers
Two Mikes TBR48009 APU Exhaust
Airwaves Martin Baker Mk.16 Ejector seat

Eurofighter EF-2000 Typhoon T 30+20 / GT0009 of Jagdgeschwader 73 "Steinhoff", based at Laage, Germany, in 2009. It was specially marked to celebrate the unit's 50th anniversary and the fifth year of operation of the Eurofighter.





VH-60 Photos via USMC/DoD



French Navy Hawkeye Photo right by Robin Powney



RAAF F/A-18 Photos by Phil Vabre

French Navy Hawkeye Photo below and below right via French Navy.



Eurofighter EF-2000 Typhoon S 30+33 / G50021 of Jagdgeschwader 74,
based at Neuburg, Germany, in 2008.



Recommended Accessories:

1/72 Scale: AIRFrame CS-106 DATA Ink Pod (NATO Standard)
AIRFrame CS-117 ASRAAM Missiles
Pavia S72-G47 Martin Baker Mk. 16 Ejector Seat
Pavia C72-071 Cockpit set
Two Mikos Resin TBR72001 Intake Covers

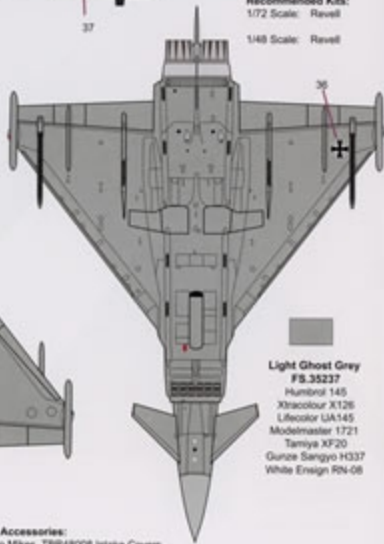
Flint Grey
(Nose Cone)
FS36314
Xtracolor X143
Humbrol 167
Lifecolor UA079
Gunze Sangyo H334



Recommended Kits:

1/72 Scale: Revell

1/48 Scale: Revell



Light Ghost Grey
FS.35237

Humbrol 145
Xtracolor X126
Lifecolor UA145
Modelmaster 1721
Tamiya XF20
Gunze Sangyo H337
White Ensign RN-08

Recommended Accessories:

1/48 Scale: Two Mikos TBR48008 Intake Covers
Two Mikos TBR48009 APU Exhaust
Airwaves Martin Baker Mk. 16 Ejector seat

Eurofighter EF-2000 Typhoon S 30+47 / GS0032 of Jagdgeschwader 73 "Steinhoff", based at Laage, Germany, in 2008.

Use main aircraft stencils from Revell decal sheet in both scales



Flint Grey
(Nose Cone)

FS36314

Xtracolour X143

Humbrol 167

Lifecolor UA079

Gunze Sangyo H334



Light Ghost Grey

FS-35237

Humbrol 145

Xtracolour X126

Lifecolor UA145

Modelmaster 1721

Tamiya XF20

Gunze Sangyo H337

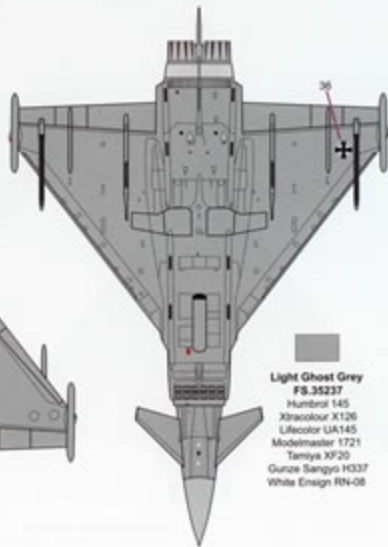
White Ensign RN-08



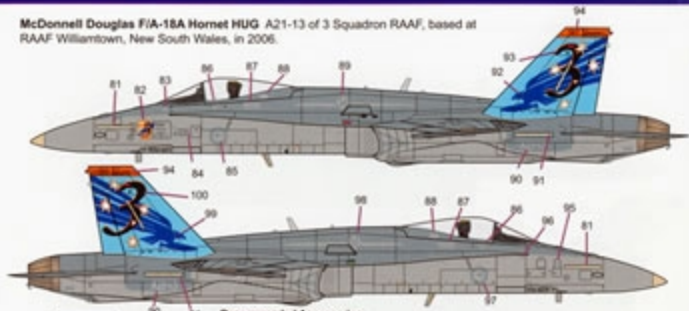
Recommended Kits:

1/72 Scale: Revell

1/48 Scale: Revell



McDonnell Douglas F/A-18A Hornet HUG A21-13 of 3 Squadron RAAF, based at RAAF Williamtown, New South Wales, in 2006.



Blue Grey
FS35237
Humbrol 145
Xtracolor X126
Lifecolor UA145
Modelmaster 1721
Gunze Sangyo H337



Blue
FS25466
(Near match)
Model Color 67
Andrea Color 20
Vallejo Model Color 961

Use non slip walk-way markings from kit decal sheet

Red navigation light

Green navigation light

Recommended Accessories:

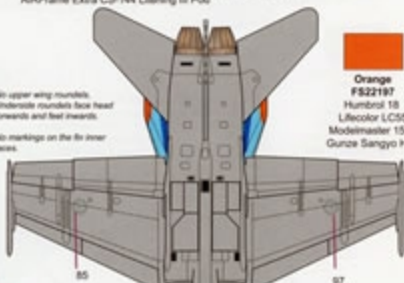
1/72 Scale AIRFrame Extra CS-106 DATA Link Pod
AIRFrame Extra CS-116 Paveway II Smart Bombs
AIRFrame Extra CS-117 AIM32 ASRAAM Missiles
AIRFrame Extra CS-129 Hornet extended refueling Probe
AIRFrame Extra CS-144 Llaning III Pod

No upper wing humples.
Underwing humples face head forwards and feet inwards.

No markings on the fin inner faces.



Orange
FS22197
Humbrol 18
Lifecolor LC55
Modelmaster 1527
Gunze Sangyo H14



85

97



Light Ghost Grey
FS36375
Humbrol 127
Xtracolor X136
Lifecolor UA226
Modelmaster 1726
Gunze Sangyo H308
White Ensign US-03



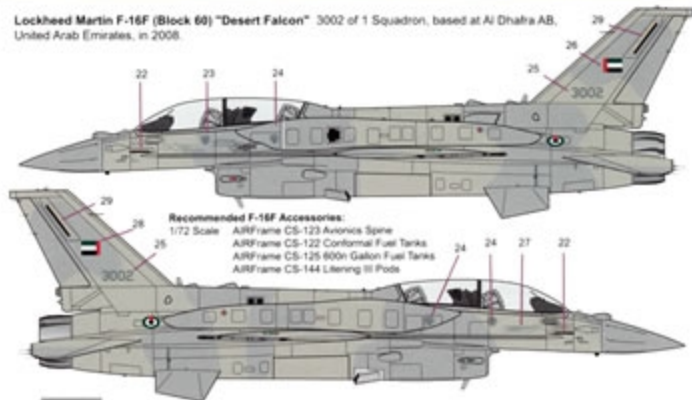
Radome Tan
FS33613
Humbrol 148
Xtracolor X107
Modelmaster 1709
Gunze Sangyo H318

Recommended Kits:

1/72 Scale Academy F/A-18A
Hasegawa F/A-18A
Fujimi F/A-18A
1/48 Scale Hasegawa F/A-18A
Hobbyboss F/A-18A

Note* Although the Australian Hornets are to the same standard as the F/A-18C, the only modification to the A model is the small modification to the nose strakes in front of the canopy.

Lockheed Martin F-16F (Block 60) "Desert Falcon" 3002 of 1 Squadron, based at Al Dhafra AB, United Arab Emirates, in 2008.



Recommended F-16F Accessories:

- 1/72 Scale AIRframe CS-123 Avionics Spine
- AIRframe CS-122 Conformal Fuel Tanks
- AIRframe CS-125 8000 Gallon Fuel Tanks
- AIRframe CS-144 Littering III Pods

**Light Ghost Grey
FS 36375**

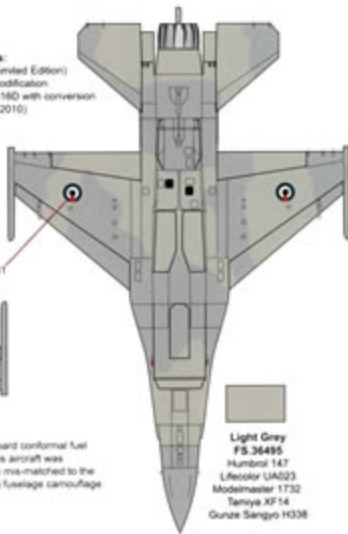
- Humbrol 127
- Xtracolor X136
- Lifecolor UAG26
- Modelmaster 1728
- Gunze Sangyo H308
- White Ensign US-03

Recommended F-16F Kits:

- 1/72 Scale: Hasegawa (Limited Edition)
Revell with Modification
Hasegawa F-16D with conversion
Kinetic (New 2010)
- 1/48 Scale: Hasegawa
Kinetic

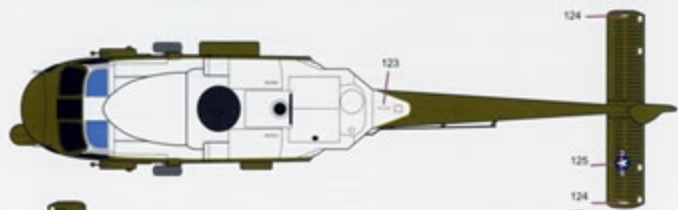


The starboard conformal fuel tank on this aircraft was apparently mis-matched to the underlying fuselage camouflage



- Light Grey
FS 36495**
- Humbrol 147
 - Lifecolor UAG23
 - Modelmaster 1732
 - Tamiya XF 14
 - Gunze Sangyo H338

Sikorski VH-60N Whitehawk 163266 of the Executive Flight Detachment of HMX-1, based at MCAF Quantico, Virginia, in 2008.



Juneau White

FS.17875

Humbrol 22
Xtracolor X141
Lifecolor LC01
Modelmaster 1745
Tamiya X2
Gunze Sangyo H1
White Ensign US-10

Presidential Olive Green

FS.14079

Humbrol 116
Xtracolor X110
Lifecolor UA052
Modelmaster 1710
Tamiya XF58

Recommended Blackhawk Kits:

1/72 Scale: Hasegawa UH-60 with Modification
Hobbyboss UH-60 with Modification

1/48 Scale: Italeri with Modification
Minicraft with Modification

Recommended Accessories:

1/72 Scale: AIRFrame CS-169 Conversion Set

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The On-Target Publications, Airframe Journal, Spot-Lights & Conflict
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Publications Ltd 2009



Decals Instructions:

These decals are a high quality product produced for Model Alliance Decals - UK by Cartograf Italy. The decals are very thin but very strong and flexible.

1. Before painting the model, clean with 'Model Wipes'. This cleans the grease and any dust from the surface.
2. We recommend that you wear 'Model Gloves' to handle the model whilst preparing it for painting.
3. For best results, spray the model with a Light Grey primer, any defects can then be made good.
4. For demarcation and camouflage lines, we recommend that you use Masking Film.
5. If you wish to use a decal fixing and finishing system, we recommend you use the Microscale System, do not use strong decal solvents such as Solvaset.
6. Once you are happy with the painting of the model, coat it in a clear gloss finish, this can either be over the entire model if the model is finished glossy or spot gloss finish in the area's that have a decal. A good surface finish are clear floor shine's such as Johnson wax - Klear. This is sold under different names around the world. Klear can be either brushed on or sprayed.
7. Cut each decal from the sheet as needed. Do not trim the clear varnish finish to close to the decal. Submerge the decal in warm water for about 10 seconds and remove to a flat surface and wait for the decal to release from the backing sheet. A small amount of washing up liquid in the warm water helps the decal release from the sheet.
8. These decals do not require a decal setting solution to lay flat or to conform to the model contours.
9. With a pair of tweezers to hold the backing sheet, slide the decal in position on the model using a small soft brush. Do not use an old painting brush as bits can get under the decal.
10. Carefully remove any excess water with a soft cloth or tissue once you are happy with the position of the decal. Should you make a mistake, dip a brush in the warm water and ease under the edge of the decal. The decal will then easily move to the correct position and again remove the excess water.
11. When the decals are completely dry, gently wipe off all excess decal adhesive.
12. Leave the model to dry completely, spray or paint over the decals with a further coat of Klear or gloss.
13. Should the decal silver for any reason, this is because small air bubbles are under the decal. If found, prick with a pin and apply a small drop of Micro Sol to the decal and allow to dry for up to 12 hours.
14. Finally, coat the model with the required finish, either gloss, semi gloss or matt.
15. Decals are best stored flat and in a cool, dry place and should not be stored in direct sunlight, hot or humid conditions.
16. Should you have any problems with these decals please contact us at the address below.



The Aviation Workshop

Wassmill Studio, Unit 13/14A, Home Farm,
Allington, Welling, Essex, SS12 8EP, UK
www.theaviationworkshop.co.uk

Email: info@theaviationworkshop.co.uk

