

# *Modelgeeks Podcast Present: Painting and Weathering Aircraft*



## Agenda:

- Weathering: Step by Step Process
- Modern Jets and Props
- A Few Sea Stories..
- Wrap up



F/A-18A, VFA-97, 1999 LT Gabe "Rage" Pincelli



# Step 1: Surface Prep

- Need a nice smooth surface
- Not always necessary to prime
- Recessed vs Raised Panel Lines
- Least amount of paint on the surface





## Step 2: Foundational Weathering Layer (Pre-Shade)

- Underneath colors for weathering
- Tamiya Acrylic Flat Black (XF-1)
  - 60% Thinner
  - 40% Paint
- Use other colors
  - Brown, Green, Red, Orange, Blue
- Use References to shade appropriate areas
  - Heavier under engine areas and crevices





## Step 2: Foundational Weathering Layer



Mr Surfacer 1000 Mahogany, Tamiya Black Brown Mix, Tamiya Light Gray and Yellow



## Step 2: Foundational Weathering Layer



Mr Surfacer 1000 Mahogany, Tamiya Black Brown Mix, Tamiya Light Gray

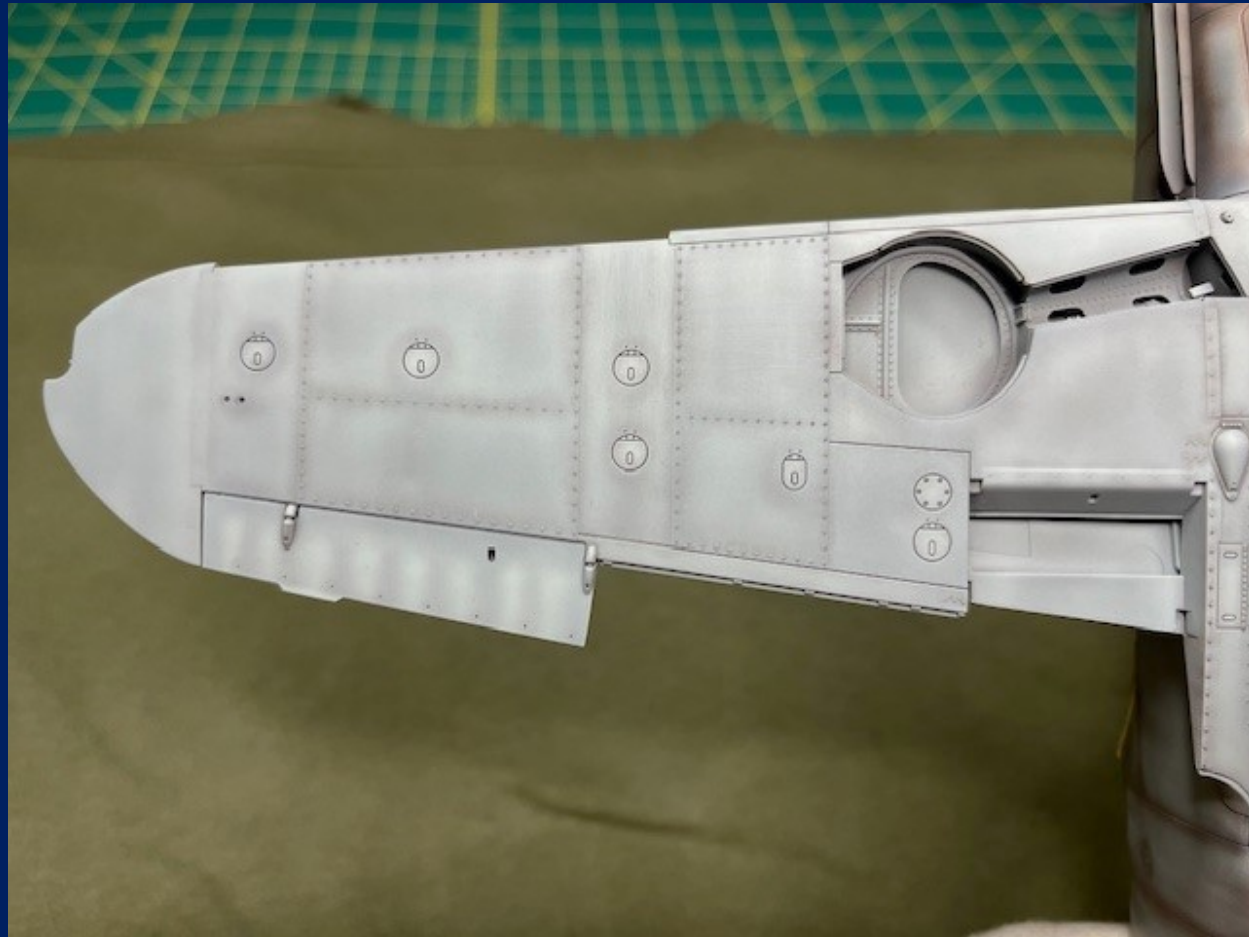
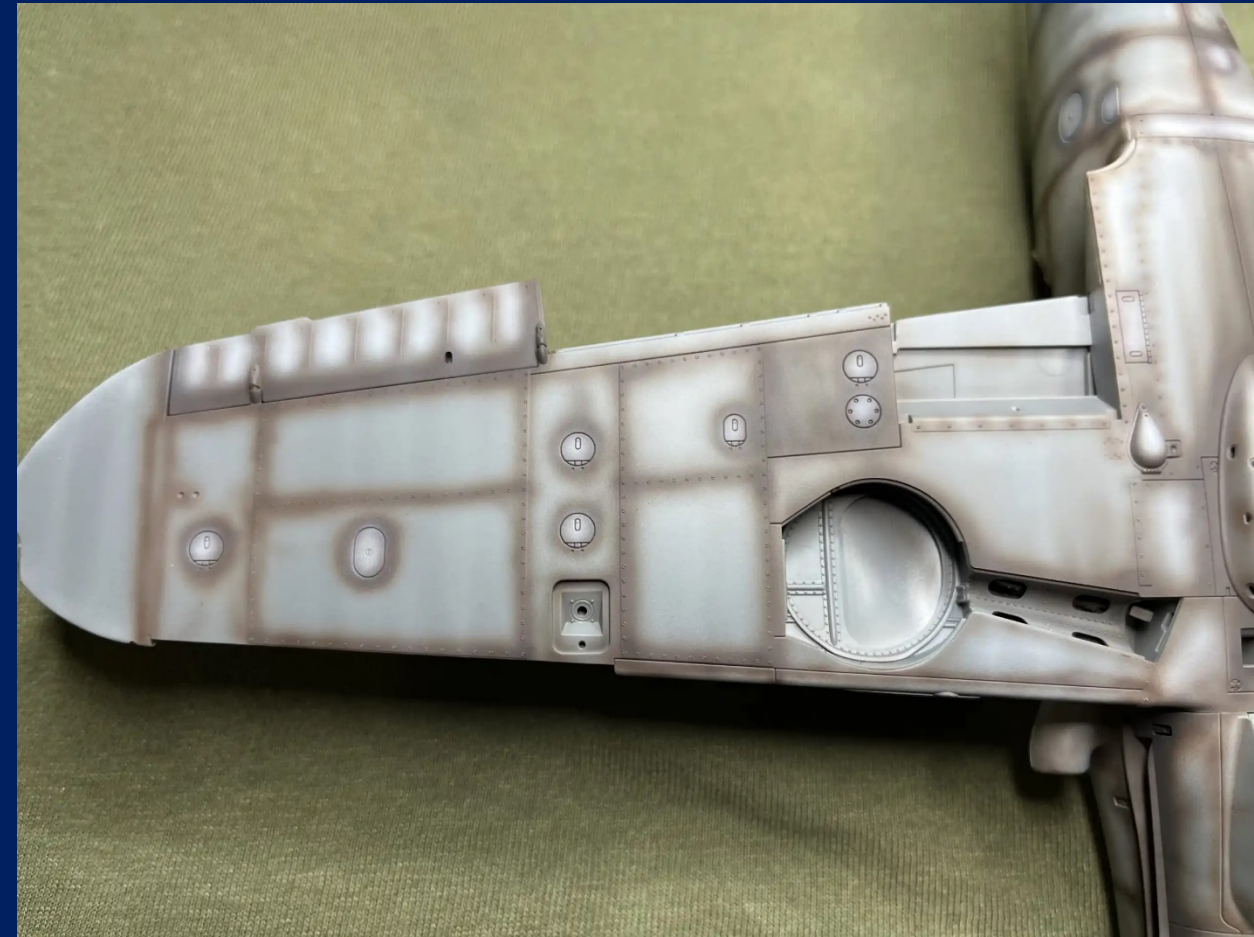
## Step 3: Base Color

- 70-80% Thinner
- 20-30% Paint
- 12-15 PSI
- Take your time, don't rush
- Matte paint vs semi-gloss
- Idea is to build up layers to give depth to the finish





## Step 3: Base Color



Foundational layer of Mr. Surfacer 1000 Mahogany, followed by a thin base coat Gunze Aqueous H-417 (RLM 76)



## Step 3: Base Color (Initial Camo Layer)

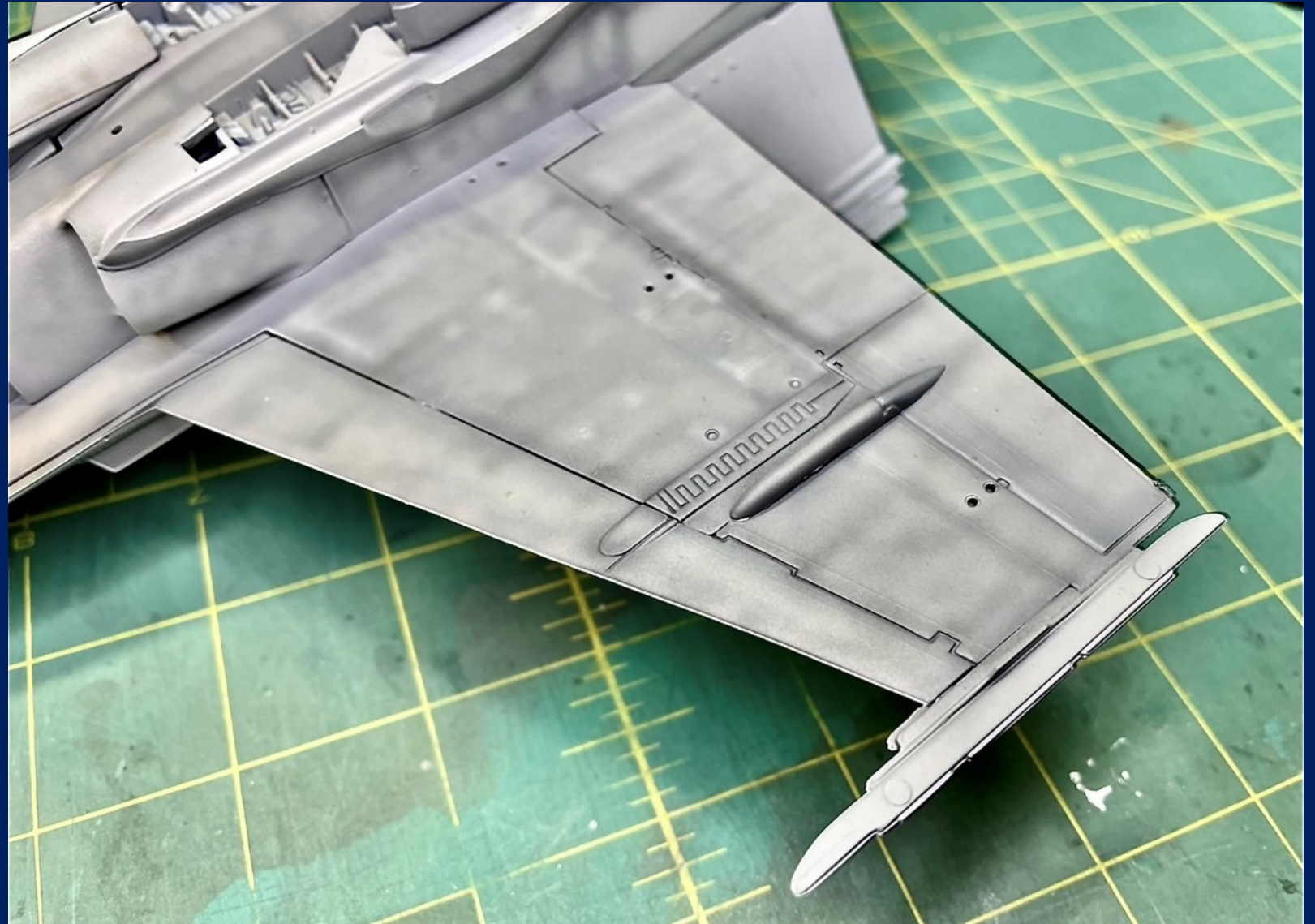


Base layer: Gunze Aqueous Middle Stone (H-71) and Dark Earth (H-72). Custom Mixed Tamiya Azure Blue 9



# Step 4: Post Shade (Lowlight and Highlight)

- 70% Thinner
- 30% Paint
- 12-15 PSI
- Lowlight (Darker Color) First
- Highlight (Lighter Color) Second
  - Base color with a drop of White
  - Pick out a few panels
- Colors can be various shades
- Reference pics





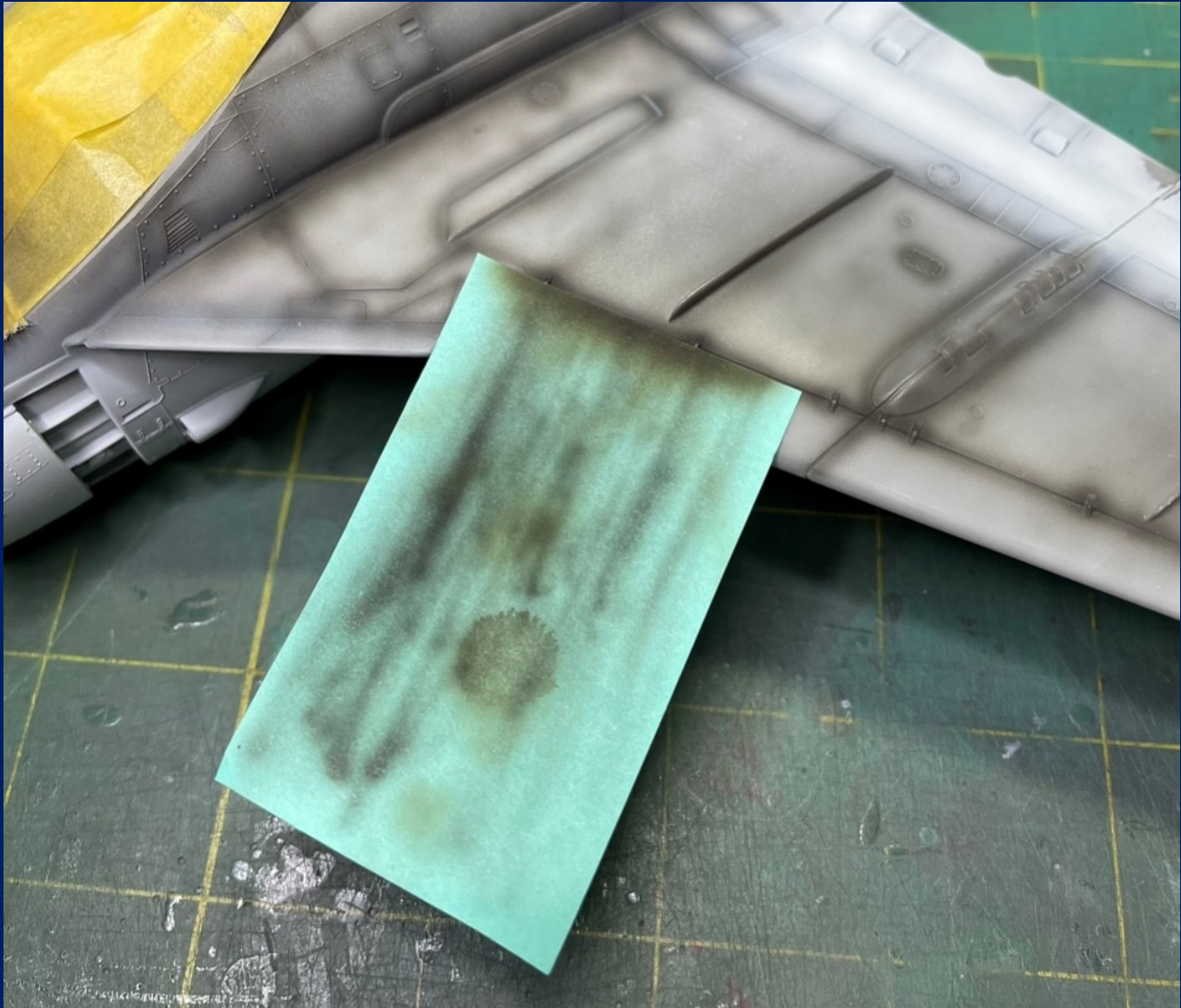
## Step 4: Post Shading



Post shading with darker and lighter shades of the base color, followed by Tamiya Black/Brown mix

## Step 5: Post-It Note (Streaking)

- 70% Thinner
- 30% Paint
- 12-15 PSI
- Use a dark color; black, dark gray, or dark brown
- Streak aft in a quick motion





# Step 6: Panel Line Wash

- Use Dissimilar Products
  - Enamel Wash on Acrylic Paint
- My favorite is Tamiya Enamel Panel Line Accent Color (Black or Black/Brown)
- Remove with Odorless Thinner and a Q-Tip
- Use Ronseal Lighter Fluid for stubborn areas
- Wash before decals



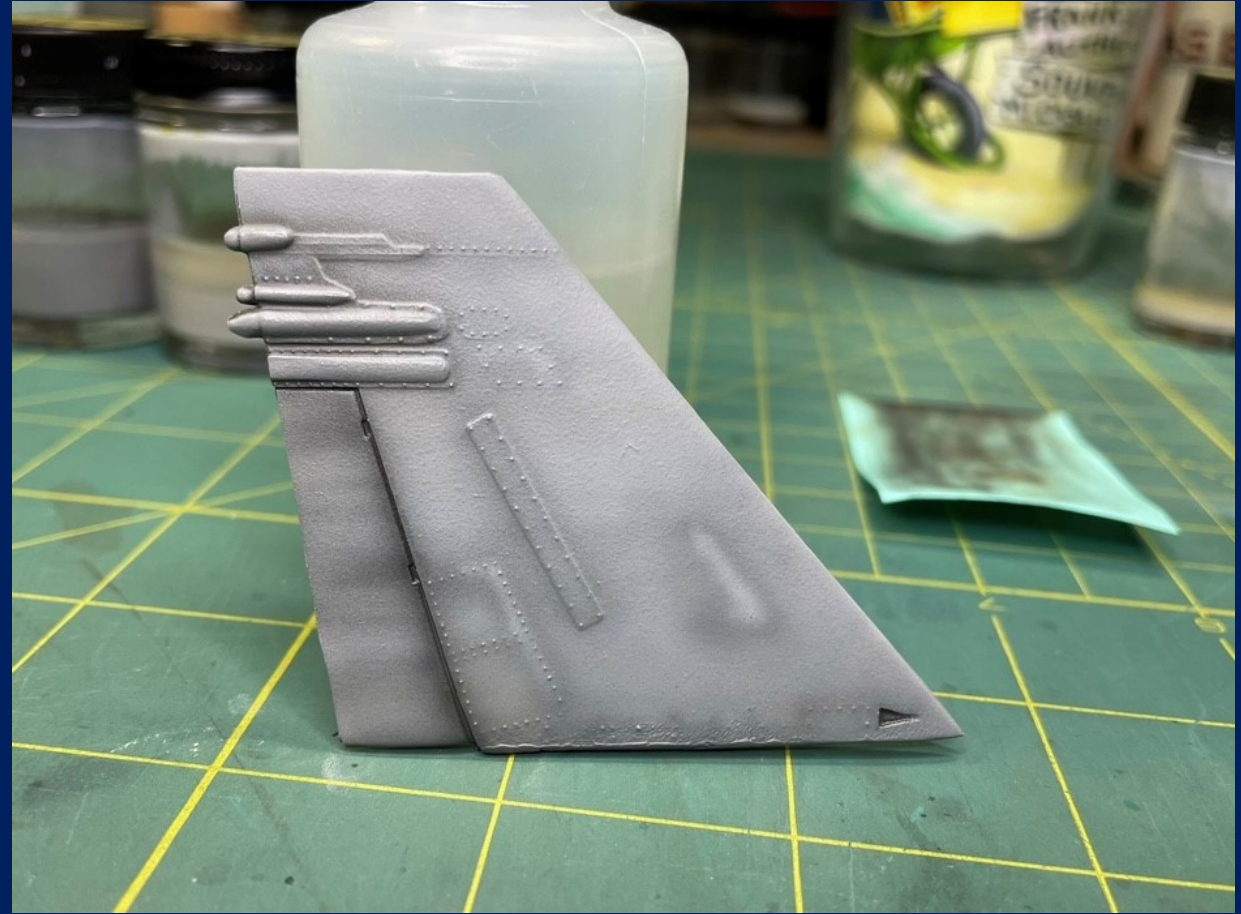
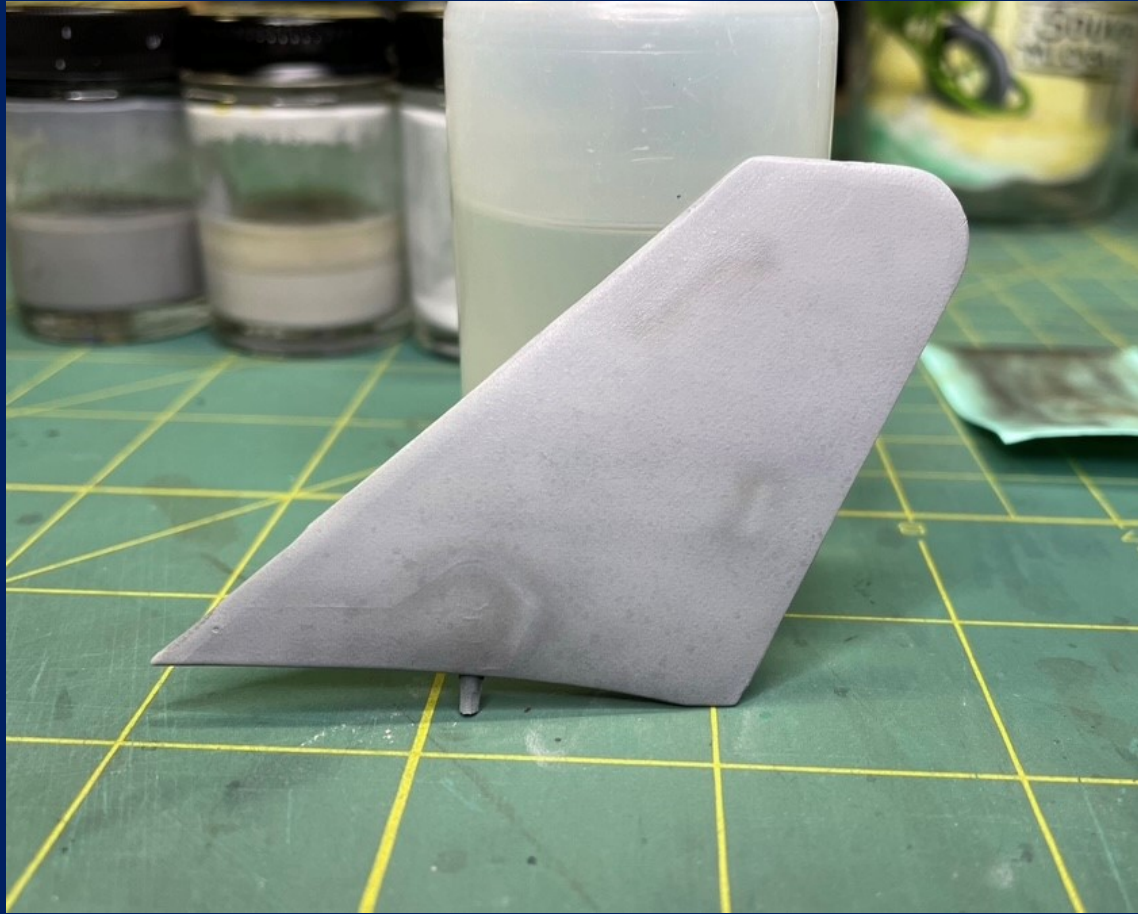


## Step 7: Individual Panel Highlight





## Step 8: Weathering Effects (Speckling, Washes, etc..)





# Step 9: Final Weathering Effects (Tamiya Black/Brown Mix)

- 80% Thinner
- 20% Paint
- 12-15 PSI
- Use a dark color; black, dark gray, or dark brown
- Concentrate on crevices, wing roots, engine areas





# Step 9: Final Weathering Effects (Chipping)

- Prisma Color Pencils
- Fine chips; go slow
- Use a variety of colors; not just silver
- Concentrate on wear areas; wing roots, leading edges, access hatches, etc..





# Finished TPS Camo, Revell 1/48 A-6E





# Finished Model: Hasegawa 1/32 Spitfire Mk.Vc





# Finished Model: Kotare 1/32 Bf-109K-4







**Questions??**