

- Aeroplane
- Scale Models International
- Fine Scale Modeler
- Windsock
- Flight International
- Aviation Week
- Interavia
- &c.
- Your own (share)
- Others'
- Frequently a good source
- Keep these till last to fill in what is missing from your other research.
- Walk around it - get a feel for it - photograph and measure it as req'd.

Files

Kits

Shows

Museums

RECORD:

Notes

Sketches

References

Understand Your Subject!

CHOICES:

Subject

- SPECIFIC! Have at least one adequate photo of your subject.
- Don't mix features, colors or markings of several subjects.

Paints/Mixes

(see earlier)

Markings

Kit

- One basic kit or

Scratch

Kitbash

Scratch Bash

Scratch Build

Detail Threshold

- Scale drives this - *the larger, the lower the v.v.*

JUDGEMENT:

Review

- Photos of models from your chosen kit in magazines

Test

- Kit reviews in magazines
- Rough assembly with tape
- Alignment
- Thickness of edges
- Sit
- Inner contours of canopy
- Details
- &c.

List

Decide

- Corrections, additions, deletions
- How to do them
- What you are going to
 - open
 - droop
 - displace
 - detail?
- Second kit for parts?

KEEP IT REAL!

It must look like it could actually work if it was in 1:1 scale!

EXECUTION:

Materials

- Kit(s)
- Paints/Mixes *colors again!*
- Decals
- Other:-
 - Plastics
 - Sheet
 - Strip
 - Rod
 - Tube
 - Shapes
 - Metals
 - Brass
 - Aluminum
 - Copper
 - Lead
 - Steel (most metals available in sheet, foil, strip, bar, rod, tube and shapes)

(Metal is excellent for small bits, struts, gun barrels, hidden spars to give strength to thin wings, LG legs, &c.)

- Woods
 - Hard
 - Oak
 - Walnut
 - Medium
 - Bass
 - Cedar
 - Soft
 - Balsa

(Hard and medium woods are good for hidden spars, internal body reinforcement, struts, propellers, &c.; balsa for forms & jigs)

- Epoxy Putties
- Fillers
- Tape
- Clay

Jigs

- To establish:
 - Alignment
 - Sit
 - Fit
- Use:
 - Grid paper
 - Angle blocks
 - Glass plate
 - Drafting triangles
 - Clay
 - Tape
 - Balsa

Seams

- Do I need to say anything?

Panel Lines

- Raised
- Recessed
- Scribing (Technique - neatness)

COCKPITS:

Truss Frame
Monocoque
Modern

- Side walls
- Floor or no
- Bulkheads (No see through!)
- Seats, belts, &c.
- Instrument/control panels
- Glare shield, open/closed
- Controls:
 - Stick
 - Rudder
 - Throttle
 - Prop
 - Mixture
 - Trim
 - Flaps
 - Landing gear
- Canopy:
 - Crank
 - Latches/hold opens
 - Hand holds
 - Mirrors

ENGINES:

FINE SCALE MODELER ^{Radials} September 1989 (See through?)

WHEELWELLS:

Box In - No see through!
Structure
Service Points
Details

FLAPWELLS:

Detail

- Inside of wing (No see through)
- Inside of flap
- Actuators

CONTROL SURFACES:

Detail

- Metal
- Fabric
- Control horns:
 - Rigging
 - Fairings
- Displaced?

RIGGING:

- Wire
- Stretched sprue
- Monofilament:
 - Leader
 - Invisible thread

LANDING GEAR:

Wire Wheels
Brakes

- Drums
- Spot discs
- Brake lines

Struts

- Strength
- Details:
 - Torque scissors
 - Compression jacks
 - NLG steering
- Retraction jacks

AFTERMARKET PARTS:

- Photo etched metal
- White metal
- Resin cast
- Plastic
- Vac form
- Other kits
- Model railroad details
- Model car details (PE wire wheels)
- Anything not covered above

SCRATCHBUILT PARTS:

KEEP IT NEAT, CLEAN, SIMPLE AND BELIEVABLE.

NEAT AND WELL DONE, IN GOOD ALIGNMENT, BEATS DETAIL EVERY TIME.

DO WHATEVER YOU DO TO PLEASE YOURSELF.

ENJOY /
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