



729206

## Ju-88H-3 Mistel 4/H-4 Fuhrungsmachine

At the same time that Germany was frantically working to develop new and revolutionary aircraft designs, older designs were also being modified to get as much additional "stretch" as possible with a minimum amount of redesign and retooling. The most outstanding example of this process was undoubtedly the Ju-88 series.

Beginning with the G-10 series, the 88 went through several fuselage stretches where additional fuselage sections containing fuel tanks were added. The "ultimate stretches" of the Ju-88 design were the H-3/H-4. In the H-3/H-4, the Ju-88 went from its original length of 47ft. 1.3in (14.36m) to a whopping 67ft 7 3/4 in (20.62m) (dimensions from Green, Warplanes of the Third Reich, believed to be too short). The larger tailplanes of the G-series were added in for additional directional stability and an additional support strut and wheel, designed to fall away after takeoff, was added to the underside to compen-

sate for the extra fuel weight. The H-3/H-4 was powered by two 1,776 hp (2,240 hp with methanol injection) Jumo 213A-12 engines.

Designed for long-range operations against Allied convoys in the Atlantic, there are no known photos of either the H-3 or the H-4, although anecdotal reports exist of their construction and use apparently exist. This is not surprising given the circumstances of the war. For instance, the H-1/H-2 both reportedly saw service with the Fliegerfuhrer Atlantik, but there are no known photos of the H-2, and less than a half-dozen of the H-1. As was typical at the end of the war, the H-3 and H-4 are reported to have been converted into Mistel aircraft. Your AMtech kit provides the parts needed to build either an H-3 Mistel with the shaped-charge warhead, or the H-4 Fuhrungsmachine.

Next from AMtech, the Ju-88G-10 series.

This paint guide is provided to complete this kit as shown throughout the instructions.

RLM02

RLM66

RLM70

RLM76

RLM81

RLM82

RLM83

Aluminum

Red

Black

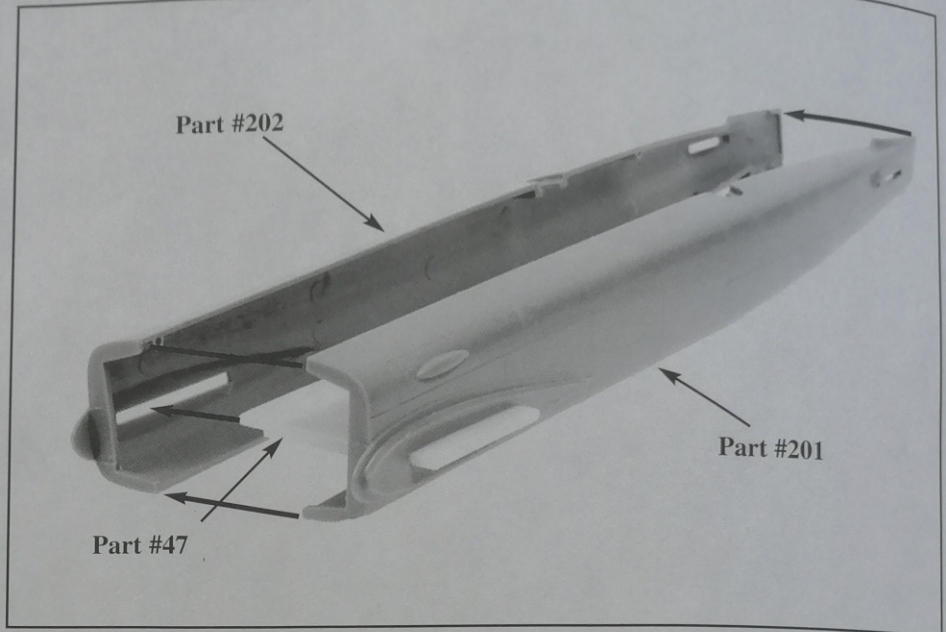
Burnt Metal

Steel

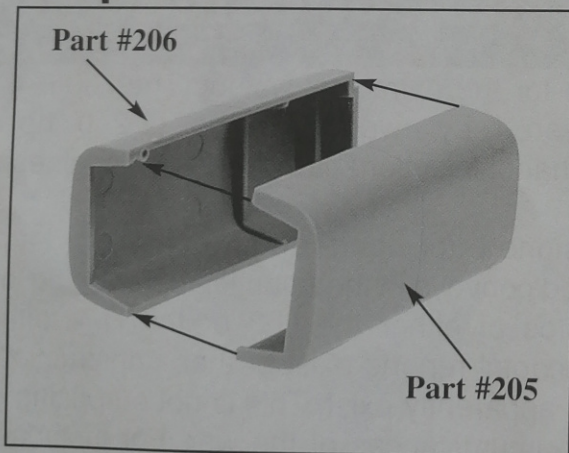
Rubber

Flat Black

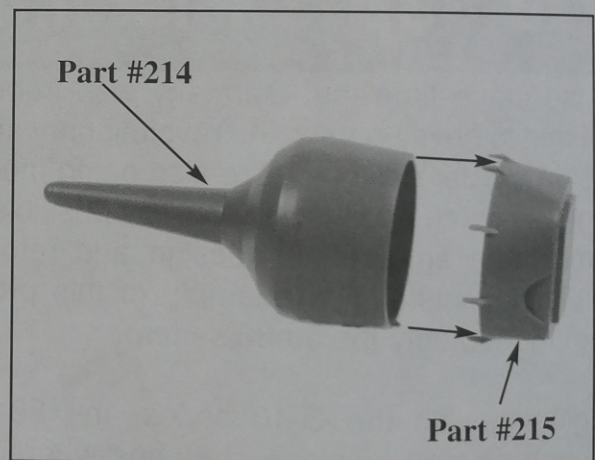
## Step 1. Rear fuselage



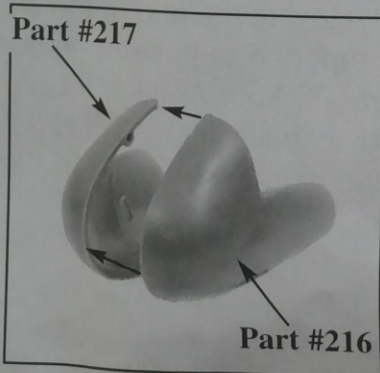
## Step 2. Fuel Tank



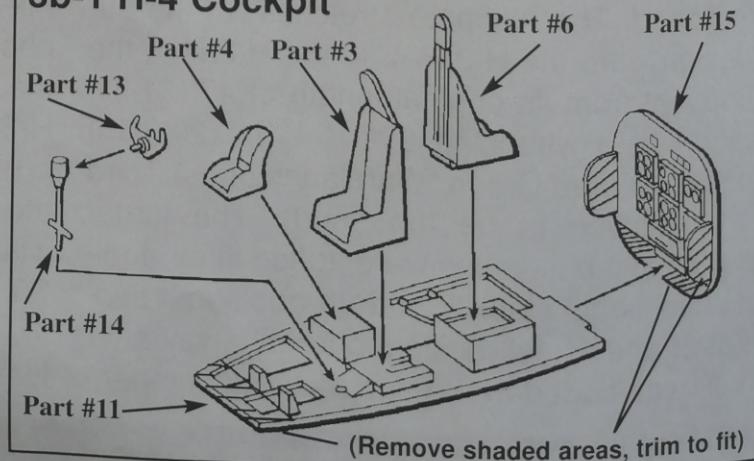
## Step 3a. H-3 Warhead ?



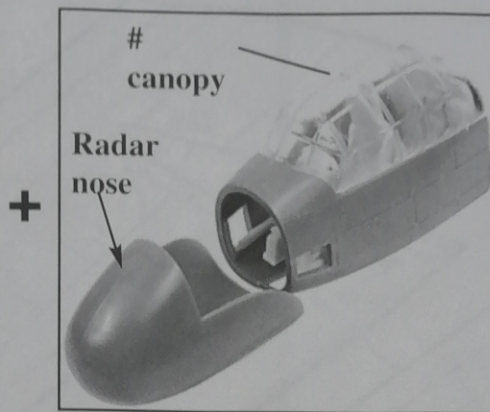
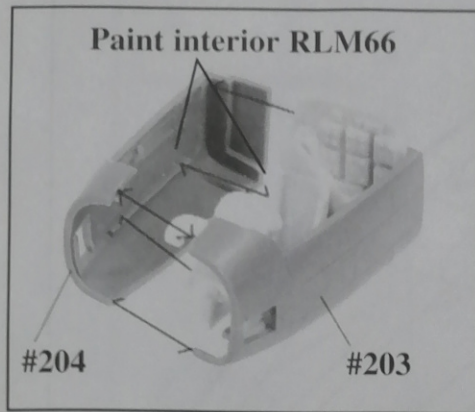
## 3b. H-4 Radar ?



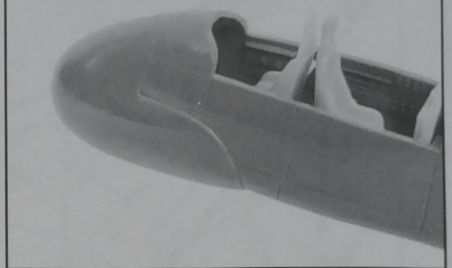
## 3b-1 H-4 Cockpit



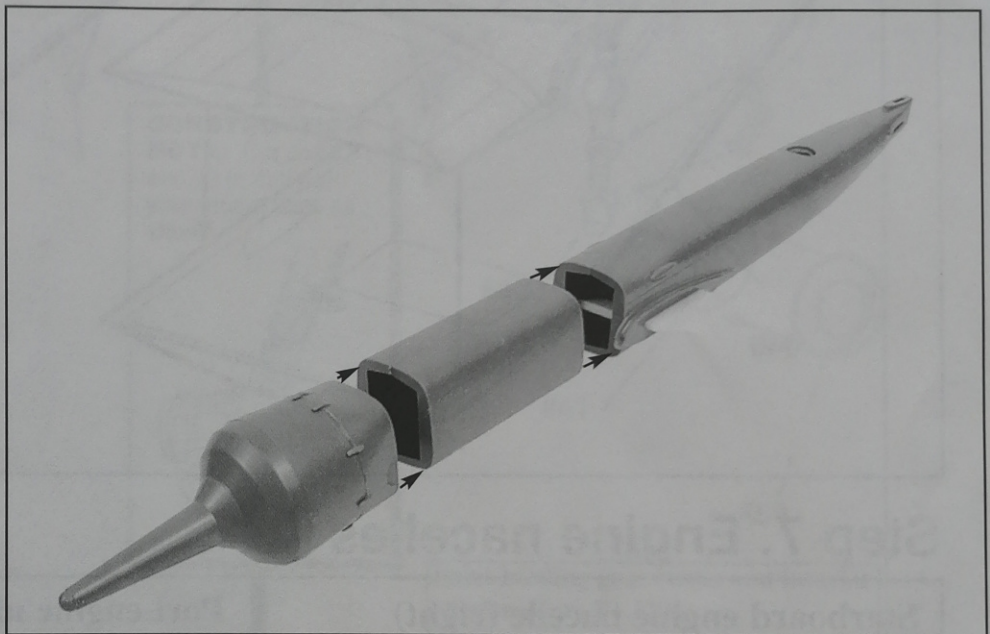
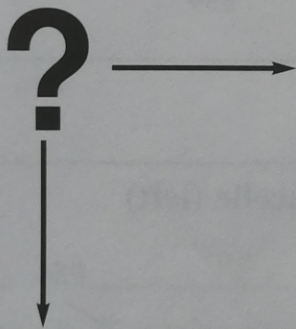
## Step 4. H-4 Cockpit and radar nose assembly



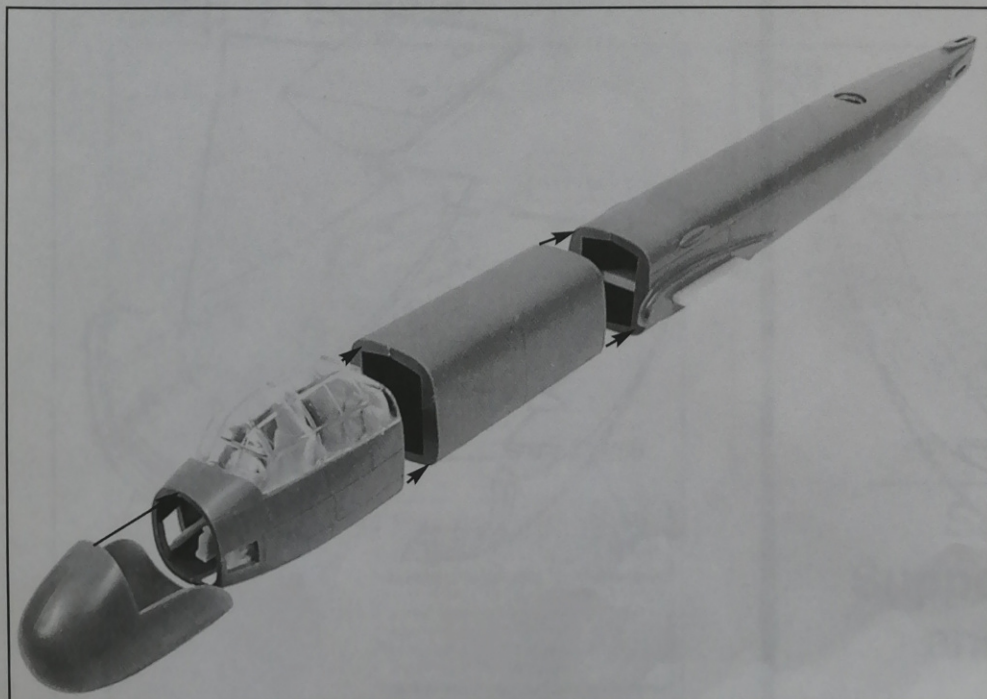
Radar nose mounted.  
Canopy omitted for clarity.



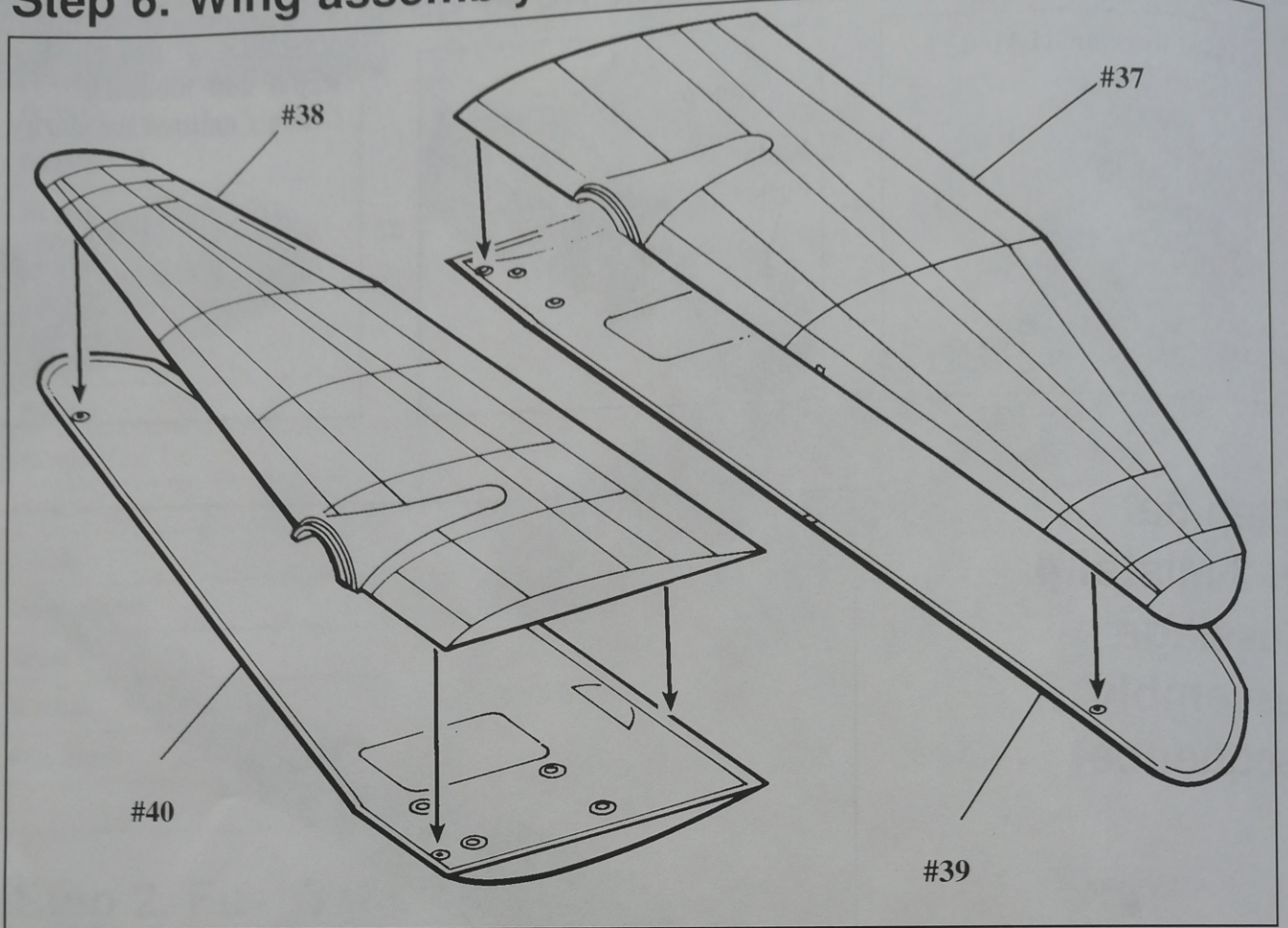
## Step 5a. H-3 Mistel 4 fuselage assembly sequence



## Step 5b. H-4 fuselage assembly sequence "Führungsmachine"

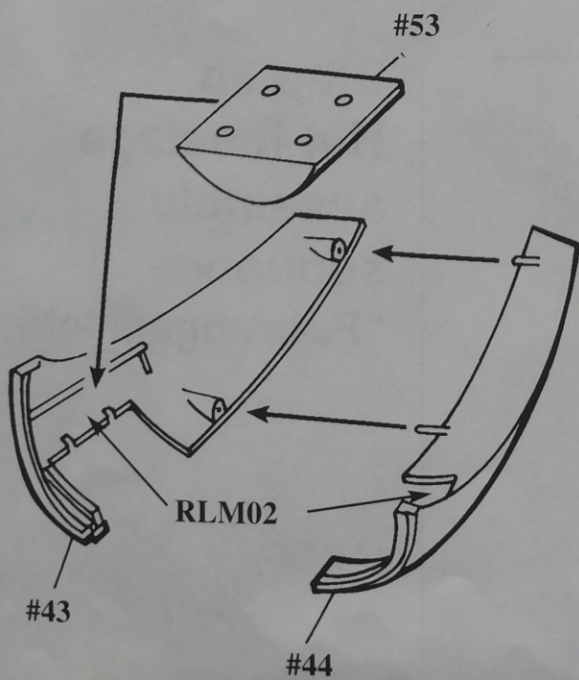


## Step 6. Wing assembly

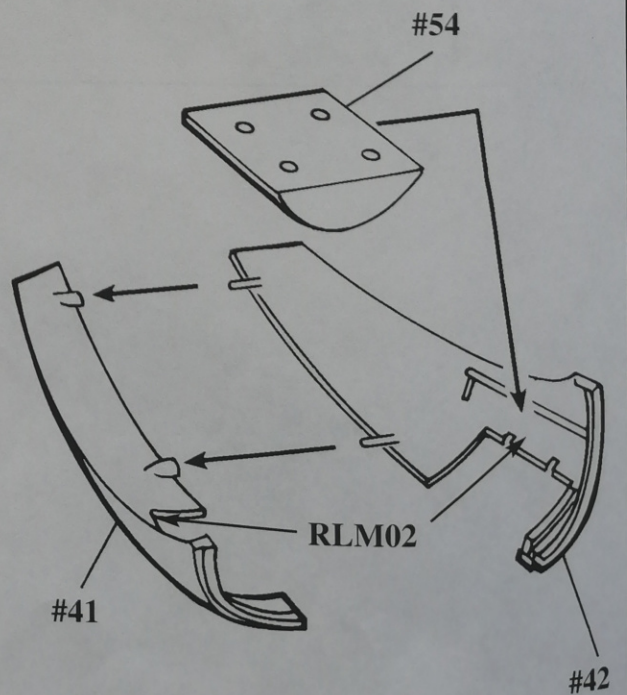


## Step 7. Engine nacelles

Starboard engine nacelle (right)



Port engine nacelle (left)



# Step 8. Landing Gear

Assembled nacelle

Assembled nacelle

**CONSTRUCTION NOTE:** Cut parts 51 and 52 in half with your model knife as shown.

Paint landing gear struts and interior of gear doors RLM02.

Paint tires flat black, rims gloss black

# Step 9. Engines

Open hole for Part 66

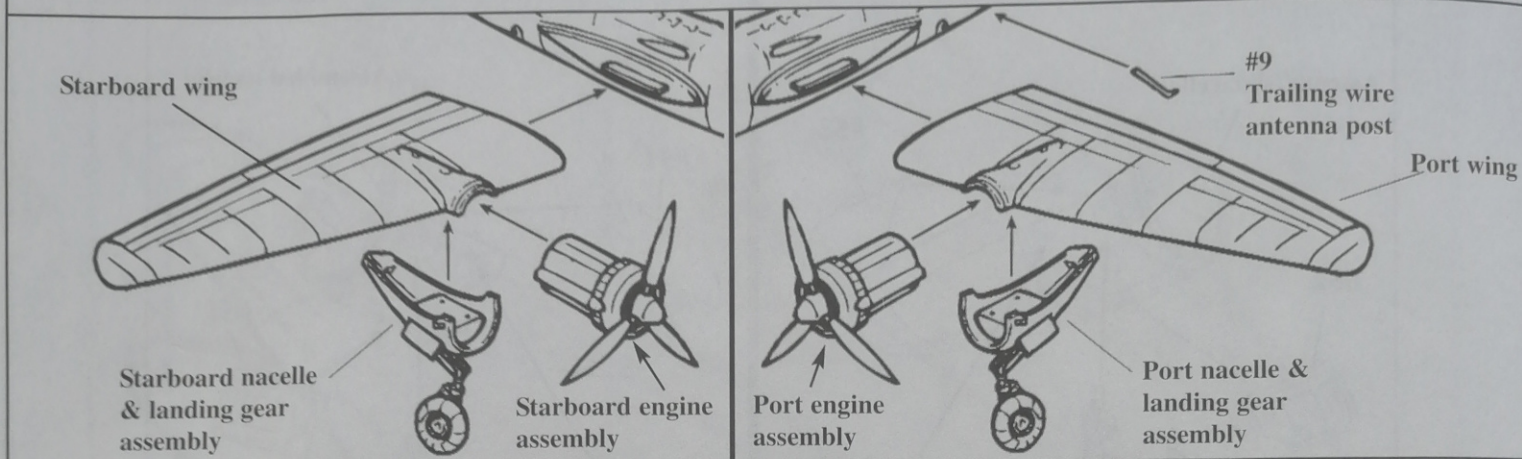
**Construction Note:** Use engine cowls (27, 28) for port engine. Use cowls (29, 30) for starboard engine.

**Color Note:** Paint engine black. Paint exhaust pipe on 31 steel. Paint prop (33) and spinner (32) black/green (RLM 70, FS 34102 + 10% dark gray).

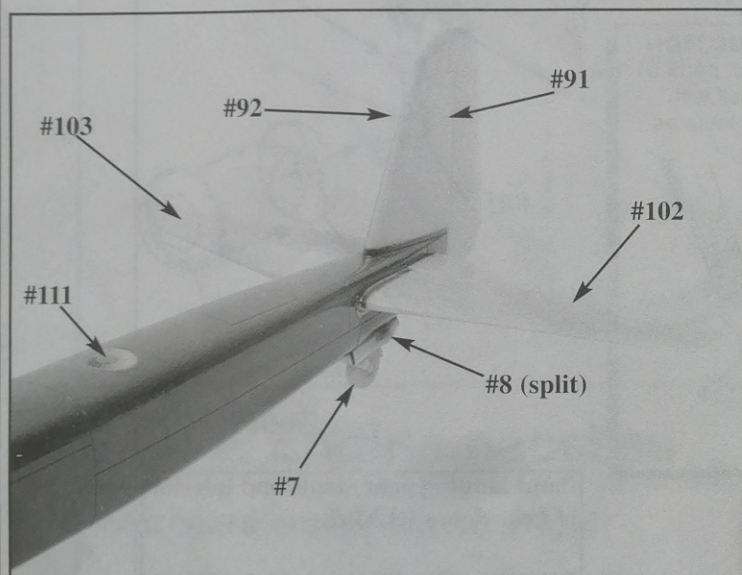
# Step 10a. Support Wheel

# Step 10b. Support strut and wheel

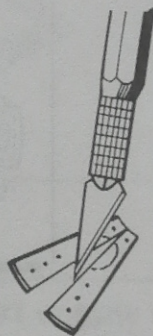
## Step 11. Wing/engine/fuselage final assembly



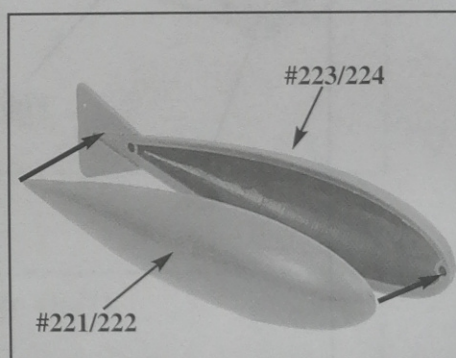
## Step 12. Tail assembly



**Construction Note:**  
The two tailwheel doors, part 8, come joined together. Cut them apart with your model knife as shown.



## Step 13. Drop tank assembly (2x)

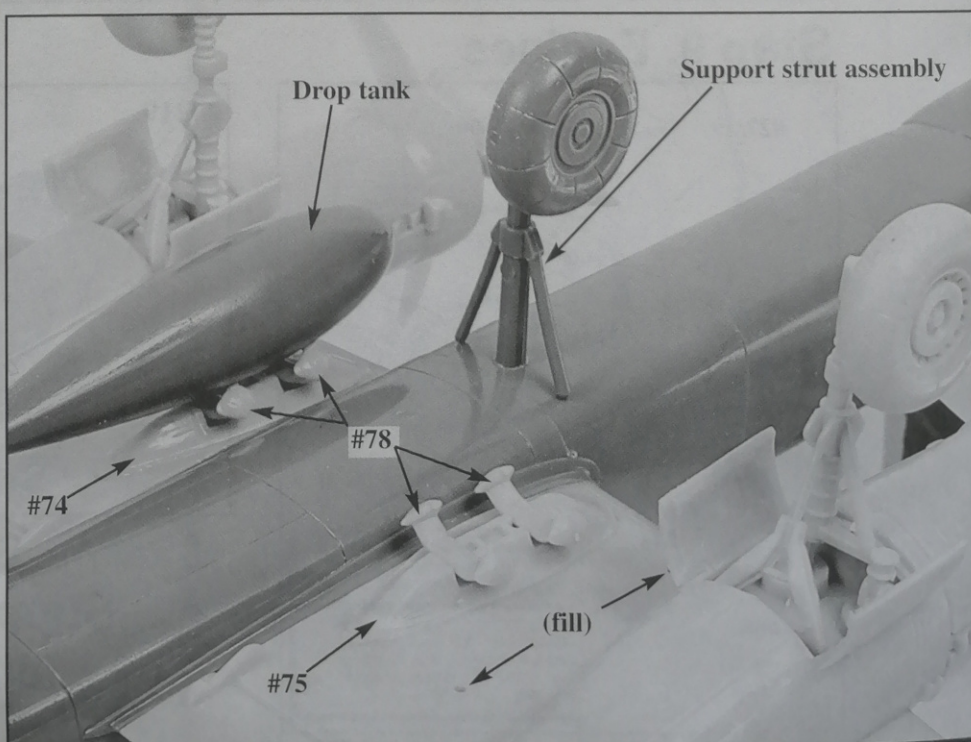


## Step 14. Fuselage underside

Drill .10" hole for support strut .25" forward of panel line shown in photo

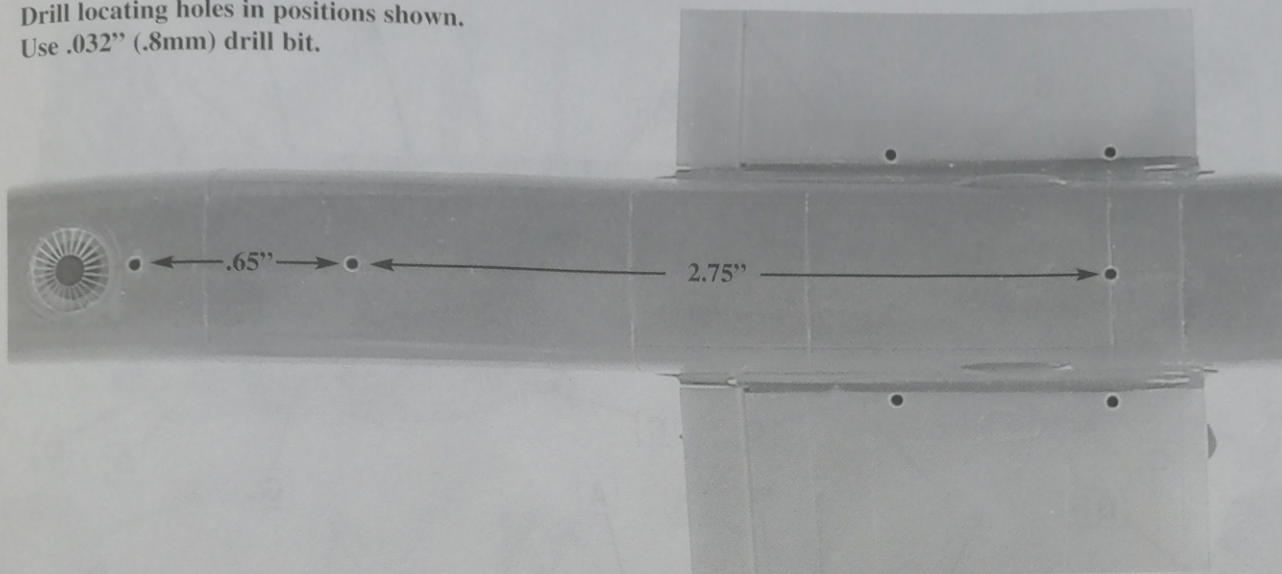
Trim support arms to ensure strong glue joint.

Center strut and main gear should all touch the "ground" at the same angle of attack.

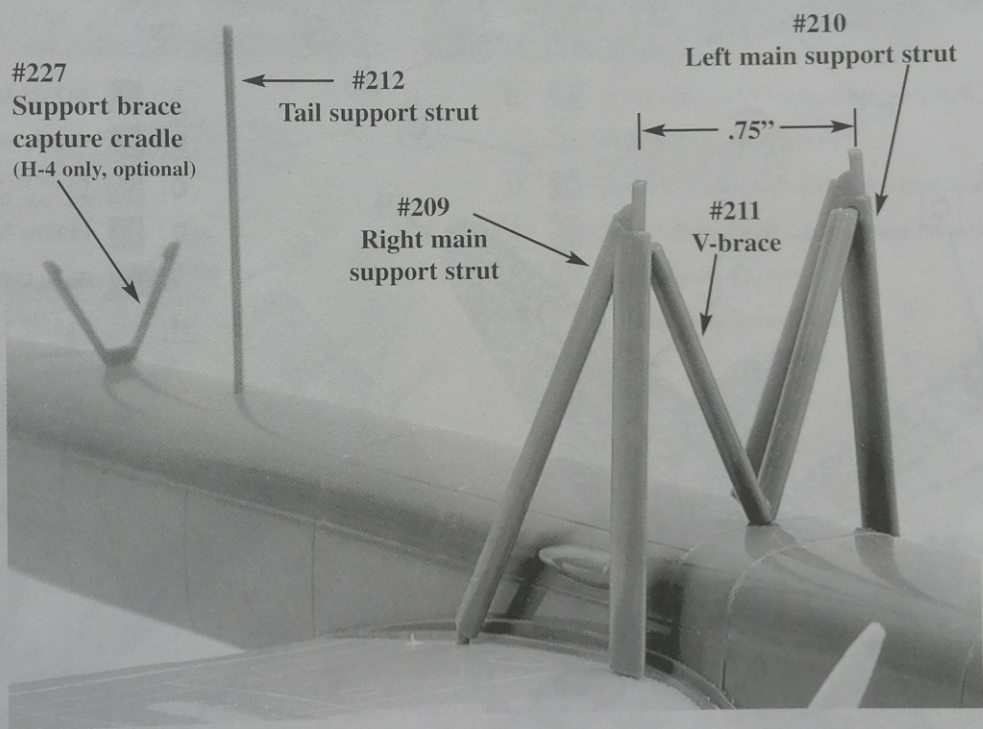


## Step 15a. Mistel mounting bracket locations

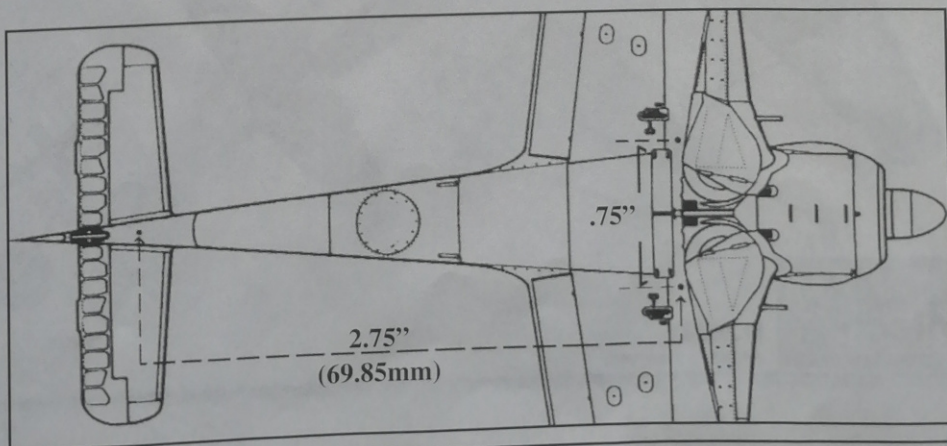
Drill locating holes in positions shown.  
Use .032" (.8mm) drill bit.



## Step 15b. Mistel mounting strut locations (both H-3 & H-4)

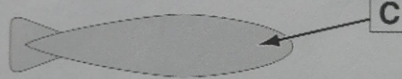
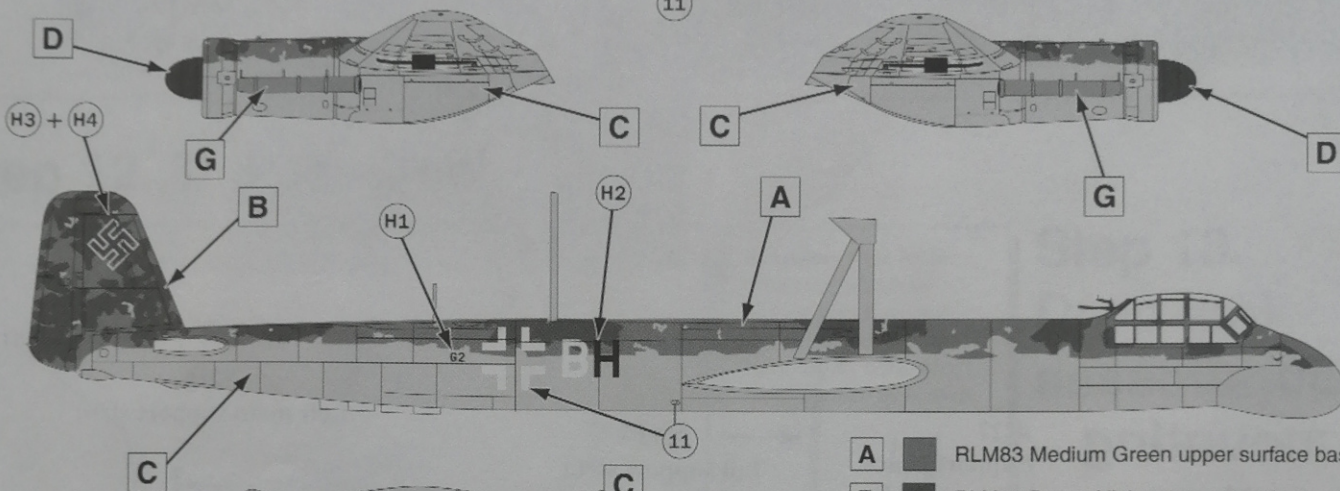
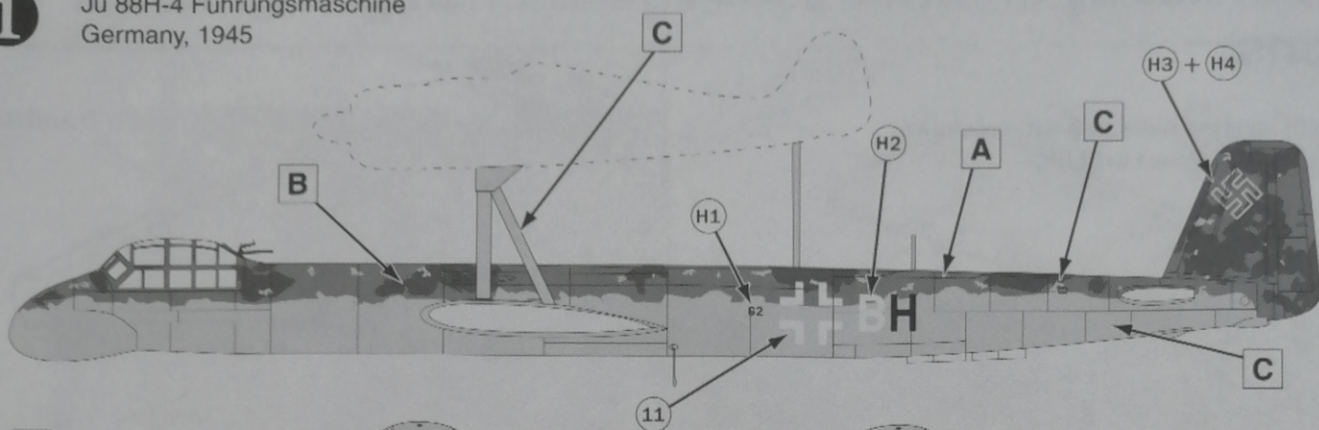


## Fw-190A-8 mounting point locations (Approx. 1/72 scale)

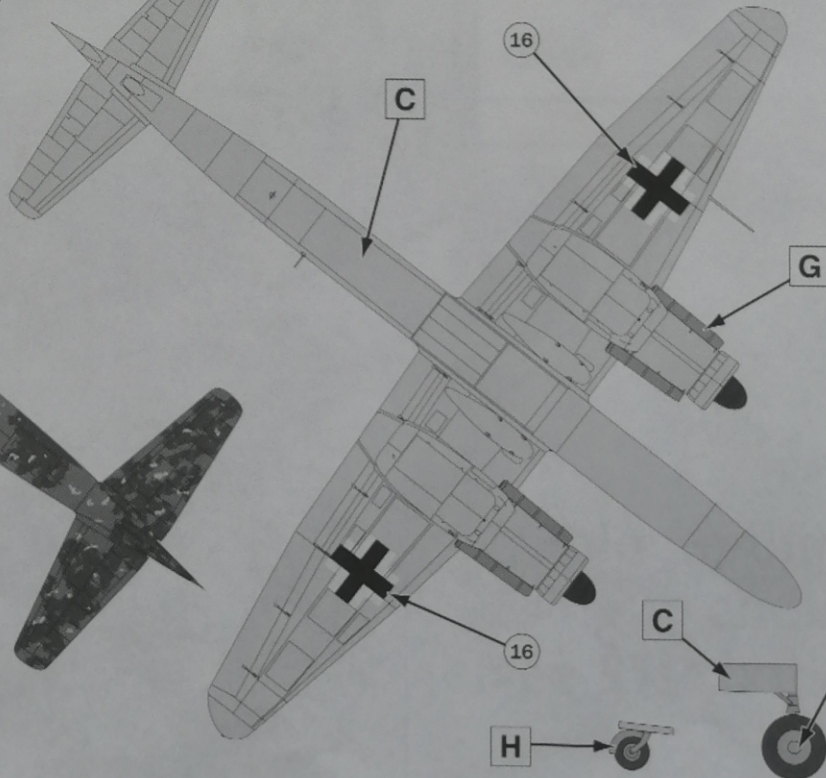
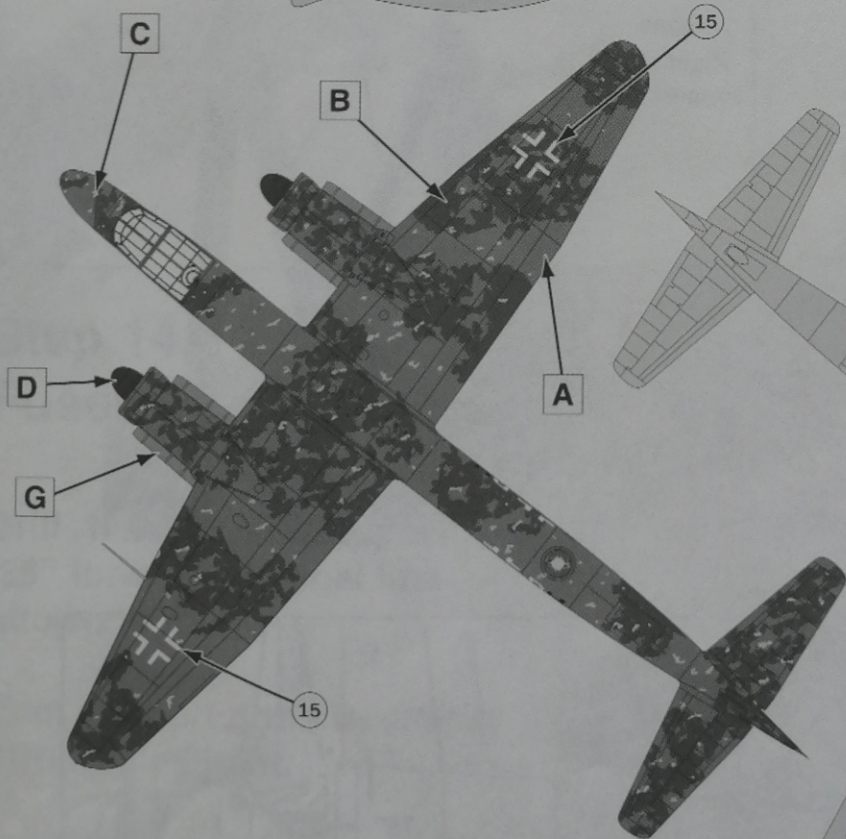


1

Ju 88H-4 Führungsmaschine  
Germany, 1945



- A RLM83 Medium Green upper surface base color
- B RLM81 Brown-Violet pattern mottle over RLM83
- C RLM76 Light Blue lower surfaces and showing through the RLM83/81 in places
- D RLM70 Black Green props and spinners
- G Burnt Metal exhausts
- H RLM02 Gray landing gear

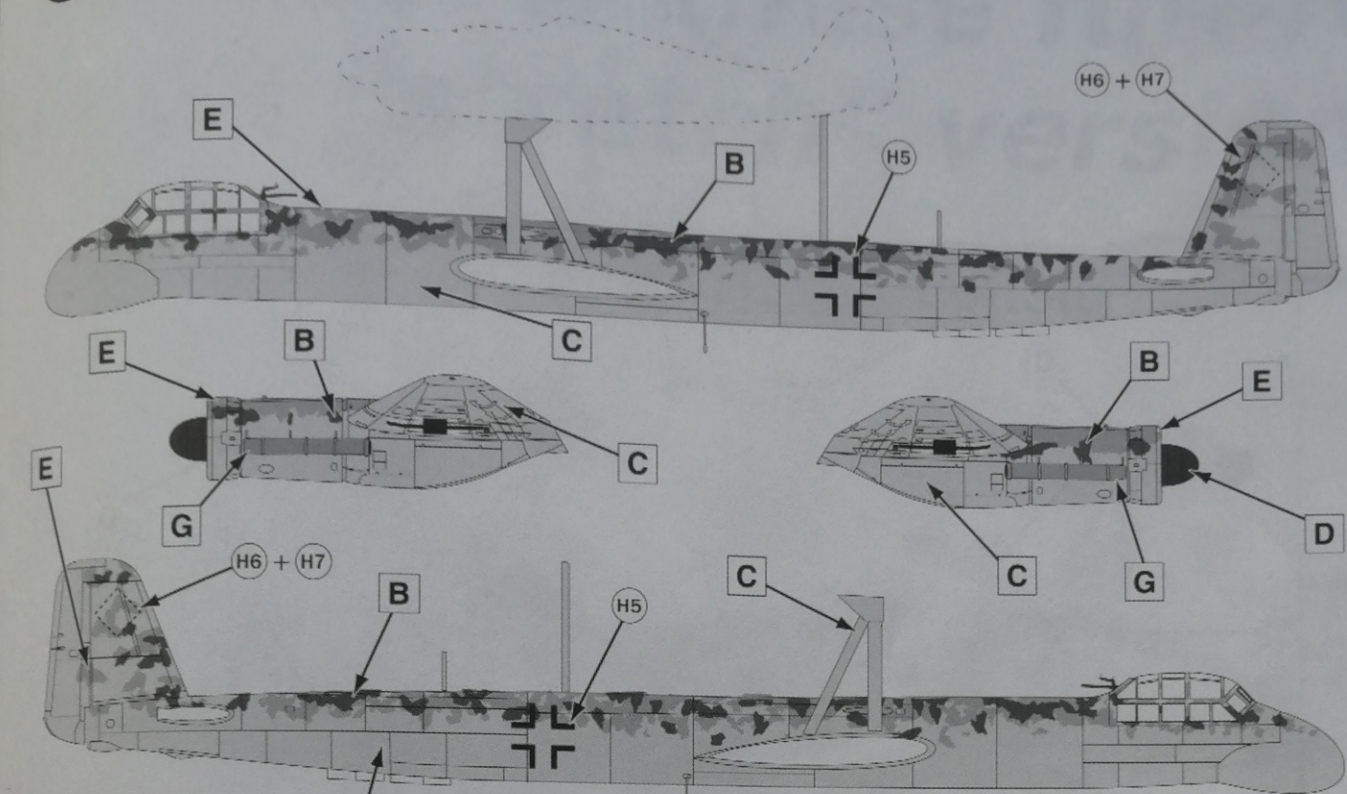


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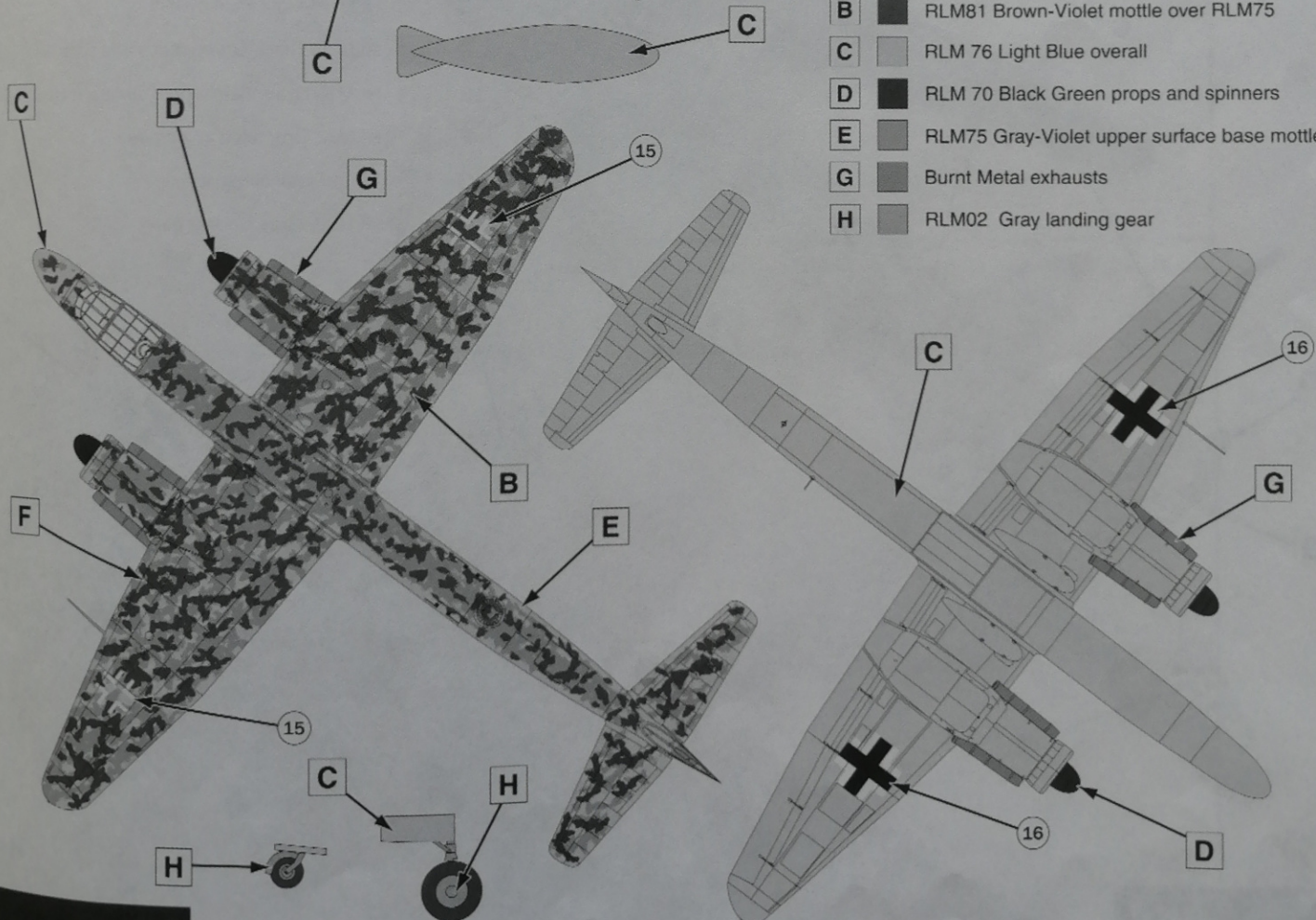


2

Ju 88H-4 Führungsmaschine  
Germany, 1945



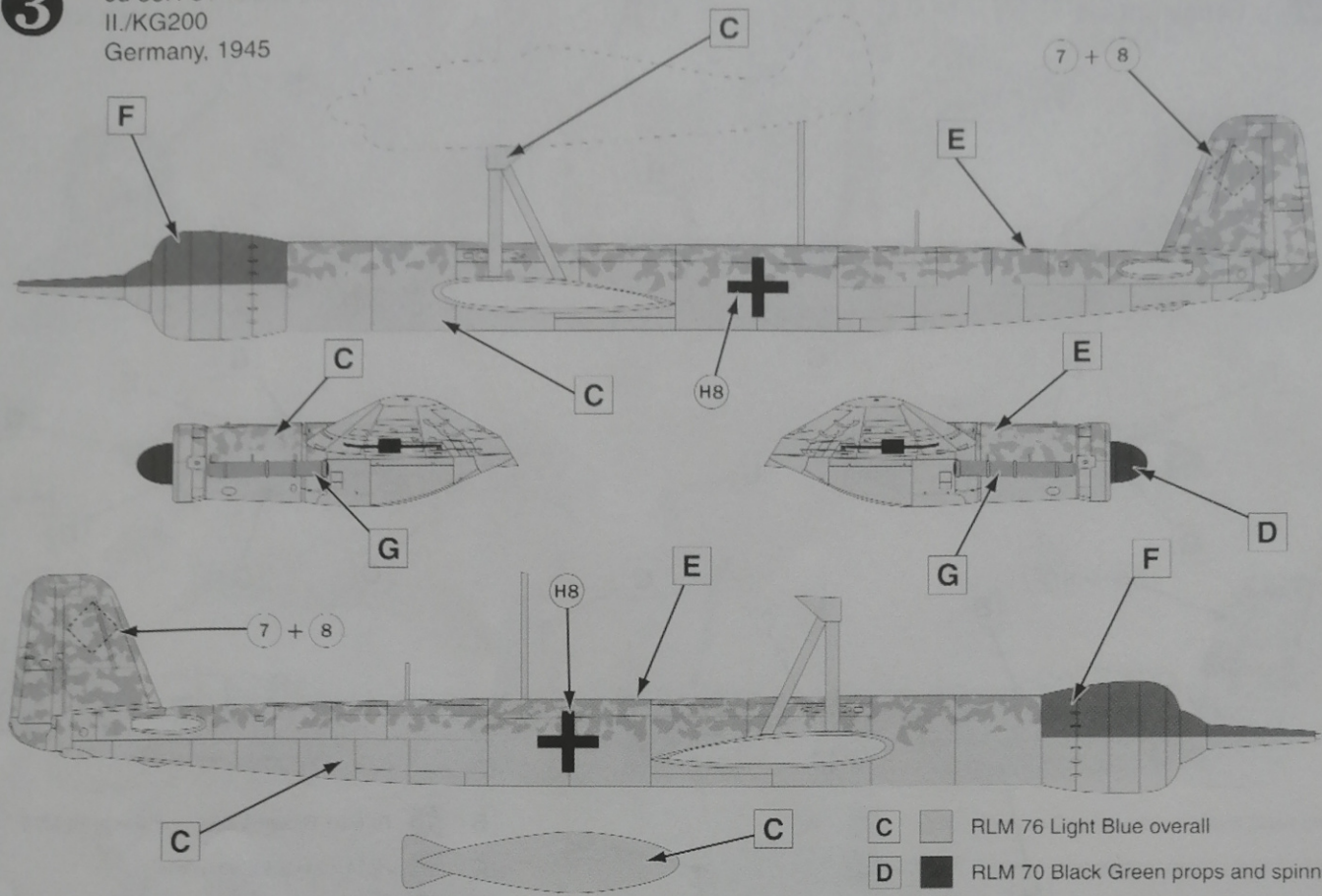
- B** RLM81 Brown-Violet mottle over RLM75
- C** RLM 76 Light Blue overall
- D** RLM 70 Black Green props and spinners
- E** RLM75 Gray-Violet upper surface base mottle
- G** Burnt Metal exhausts
- H** RLM02 Gray landing gear



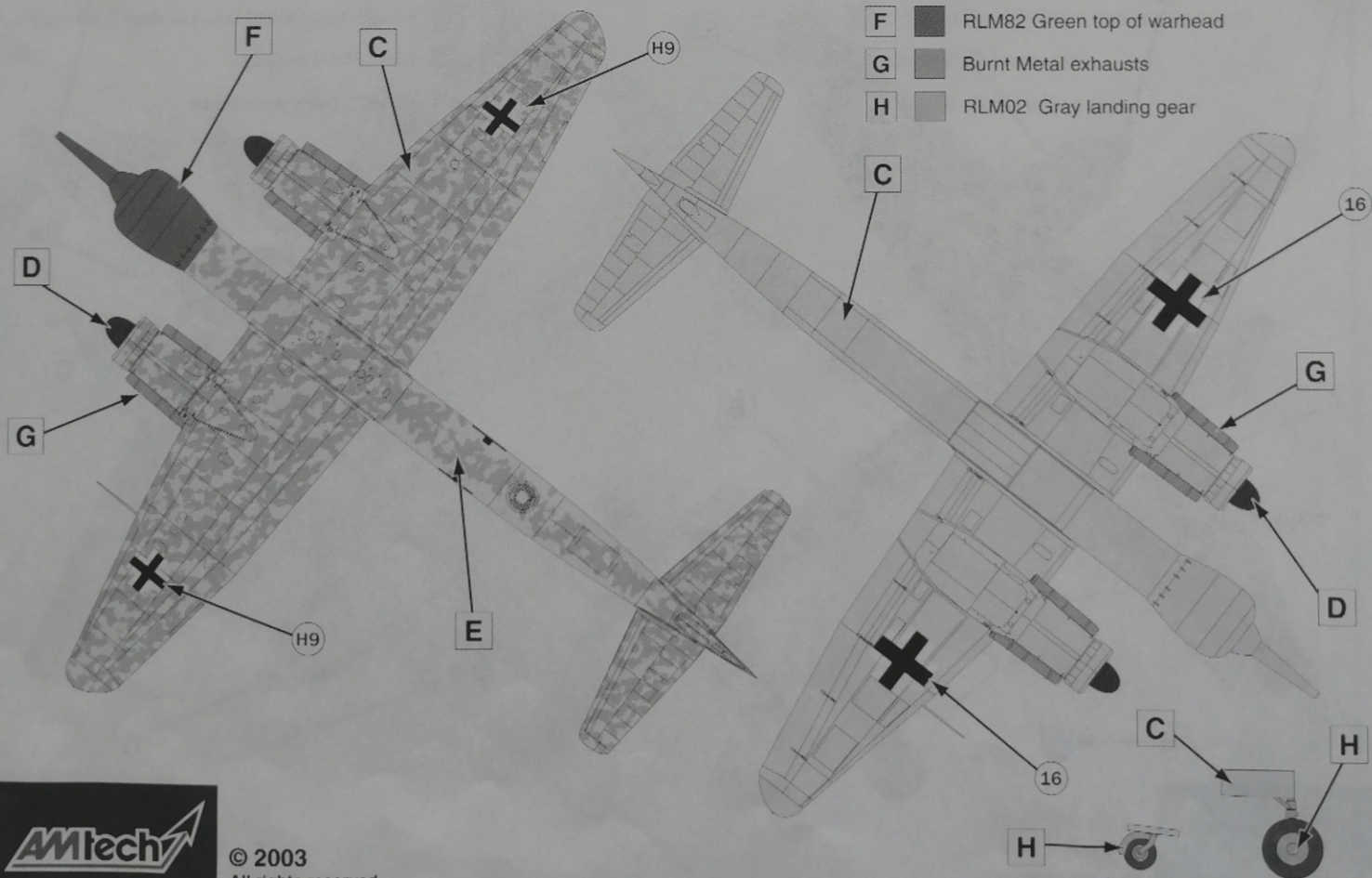
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3

Ju 88H-3 / Mistel 3B  
II./KG200  
Germany, 1945



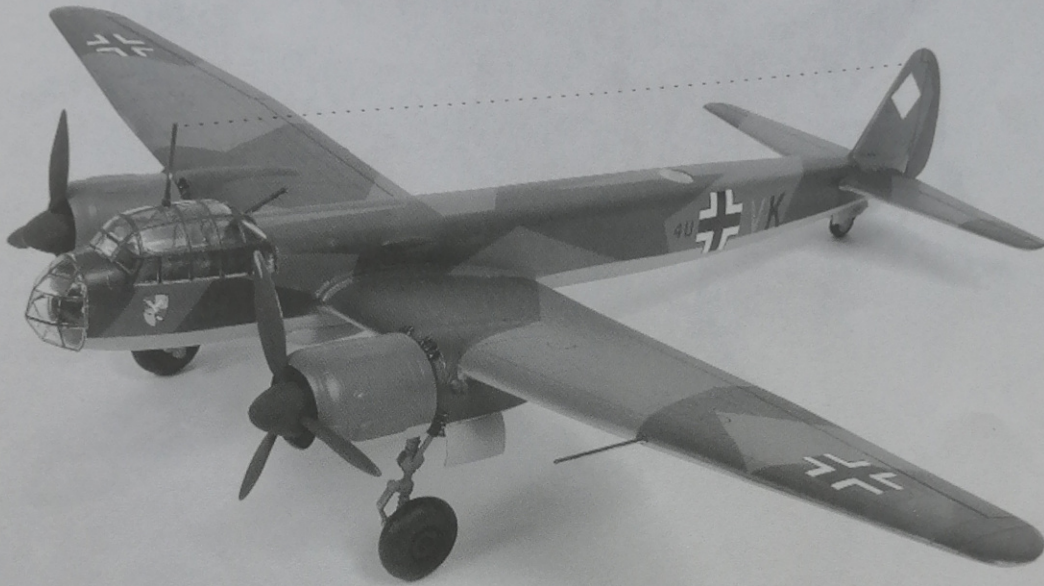
- C RLM 76 Light Blue overall
- D RLM 70 Black Green props and spinners
- E RLM75 Gray-Violet upper surface mottle
- F RLM82 Green top of warhead
- G Burnt Metal exhausts
- H RLM02 Gray landing gear



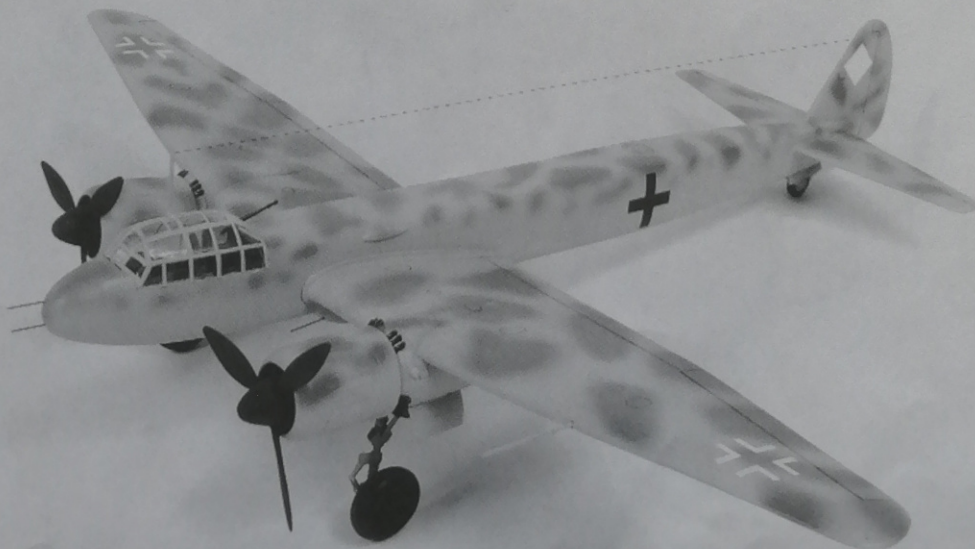
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# Watch for these future Ju-88 "stretch" versions!

AMtech 1/72 Ju-88H, H-1 option  
Kit # 729205

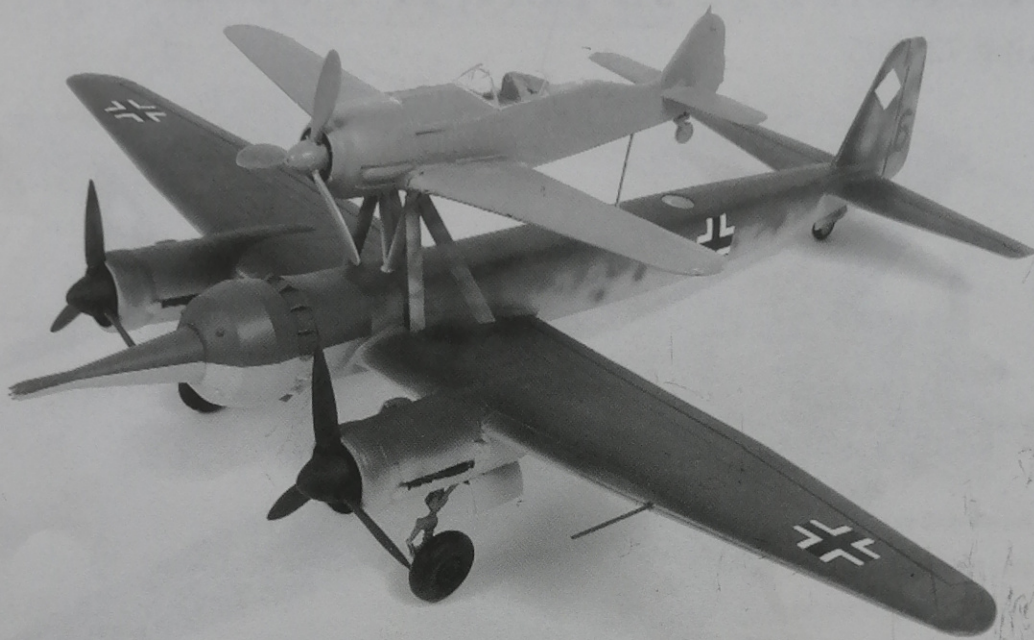


AMtech Ju-88H, H-2 option  
Kit #729205



# Ju-88G-10 Provides Parts for *Four* Versions!(2 shown)

AMtech 1/72 Ju-88G-10, Mistel option  
Kit # 729204 (Fw-190 not included)



AMtech 1/72 Ju-88G-10, S3C Mistel Trainer option  
Kit# 729204 (Fw-190 not included)

