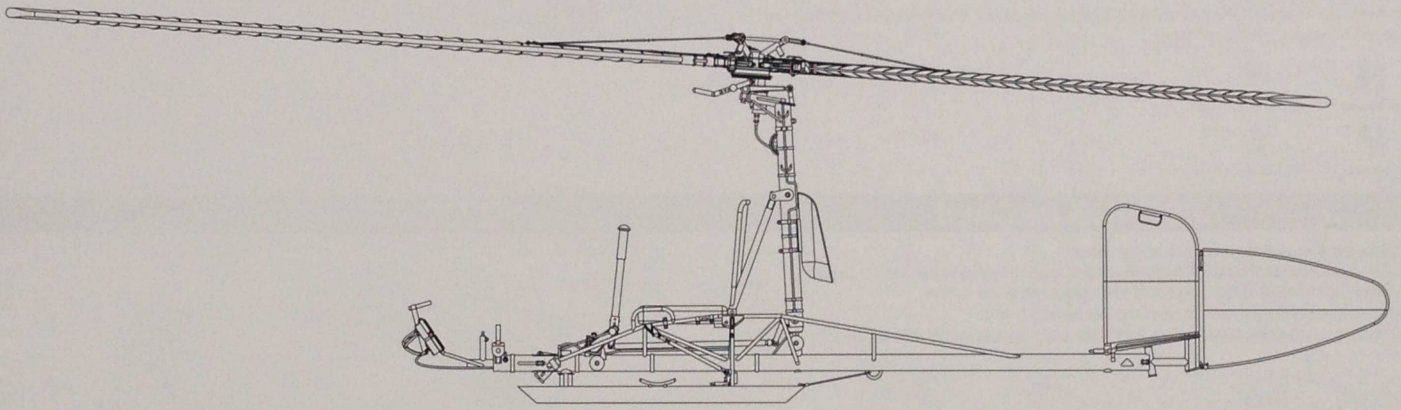


# FOCKE-ACHGELIS Fa 330 BACHSTELZE



The German Focke-Achgelis FA 330 Bachstelze was a type of rotary kite or gyro glider. These aircraft were towed behind U-boats during World War II as reconnaissance platforms.

The FA 330 was deployed to the deck of the submarine by two crewmen and was tethered to the U-boat by a 150-meter cable. The airflow on the rotors spun up as the ship propelled along the surface. The glider would then be deployed behind the U-boat, ascending approximately 120 meters above the surface and allowing the pilot/observer to see about 46 km, compared to the 9 km visible from the conning tower of the U-boat. In an emergency the tether could be released, and the Bachstelze would slowly descend to the surface. The FA 330 was stowed in two watertight compartments aft of the conning tower when not in use.

Because Allied air power was considered too great a threat in most theaters of the war, the flimsy unarmed kite was only deployed in the South Atlantic and Indian Oceans. The Bachstelze was responsible for a single ship being sunk during WWII, when it observed the Greek Steamer Sifalios Mari on August 6, 1943, leading U-177 to sink her. Several examples were evaluated by the Allies after the war, but the development of helicopters quickly obsoleted it.

03.02.1015

## READ BEFORE ASSEMBLY

### CAUTION

- Read carefully and fully understand the instructions before commencing assembly. A supervising adult should also read the instructions if a child assembles the model.
- When assembling this kit, tools including knives used. Extra care should be taken to avoid personal injury.
- Keep out of reach of small children. Children must not be allowed to suck any part, or pull vinyl bag over their heads.



Be Careful



Instant Glue for Metal



Remove



Do Not Cement

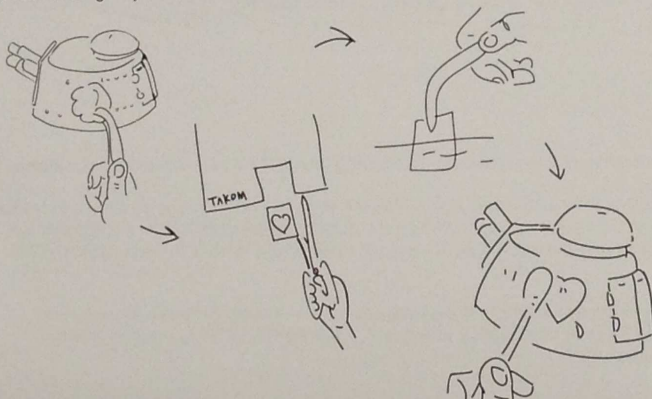
## PAINTS REQUIRED

Color info and profiles by Mig Jimenez

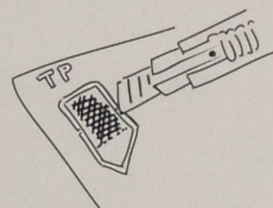
|            |             |            |             |            |     |            |                  |
|------------|-------------|------------|-------------|------------|-----|------------|------------------|
| A.MIG-0032 | Satin Black | A.MIG-0035 | Dark Tracks | A.MIG-0049 | Red | A.MIG-0053 | RLM 76 Pale Grey |
| A.MIG-0218 | Schwarzgrau |            |             |            |     |            |                  |

## APPLYING DECALS

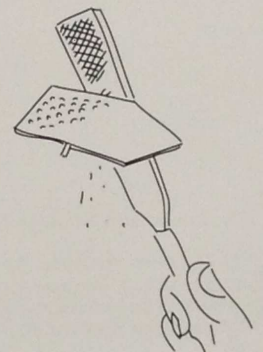
1. Clean the model surface with a wet cloth.
2. Cut out each decal design from sheet, and dip it in tepid water for 15-20 sec.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess water and air bubbles are gone.



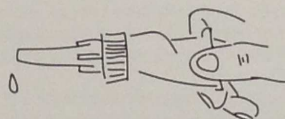
## REMOVING PE



Be careful not to hurt when removing PE parts.

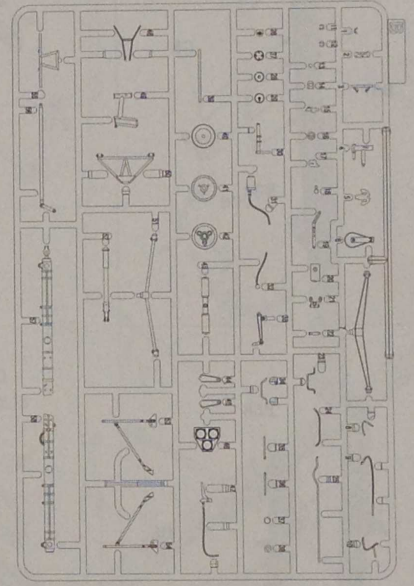
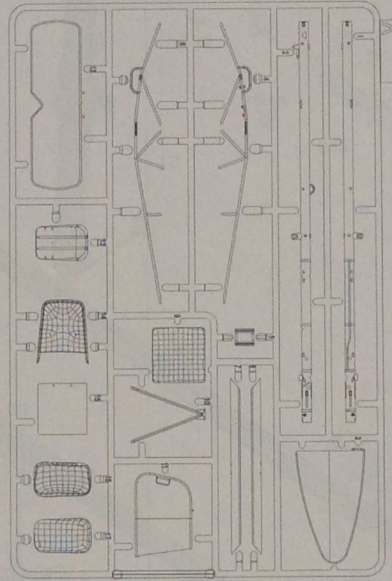
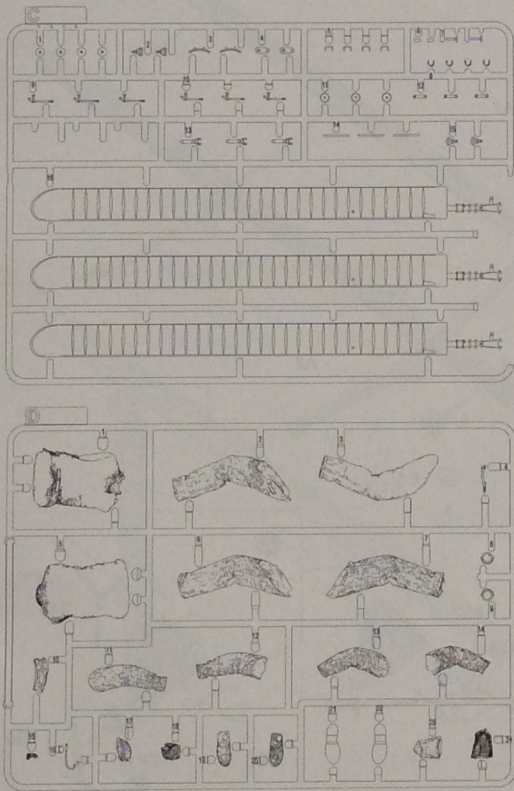


Finish using file.



Secure using instant glue (not included).

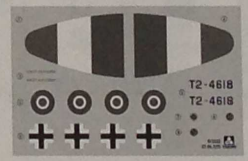
# PARTS



Rope



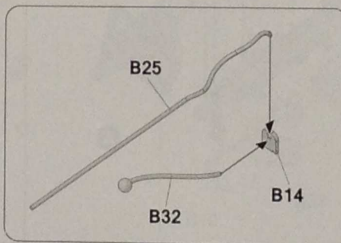
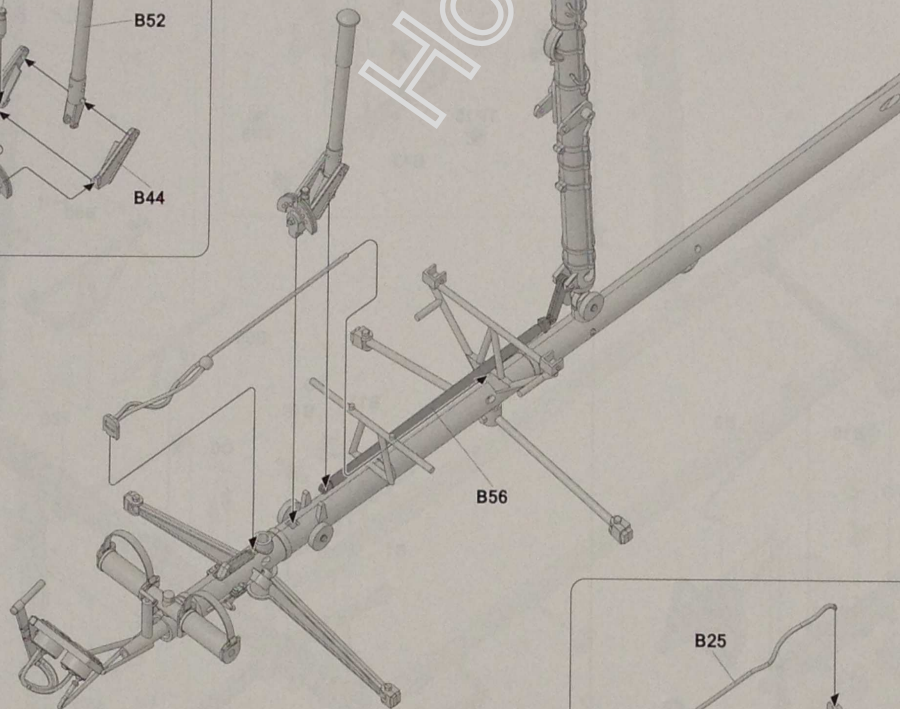
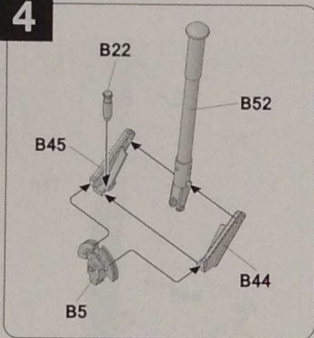
TP



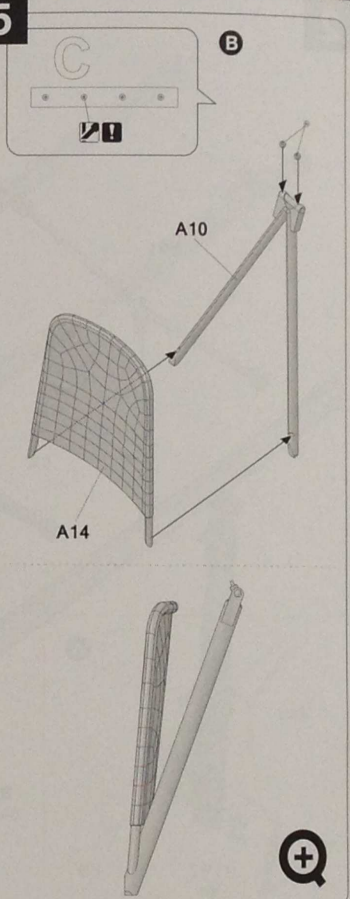
Decal

2

4

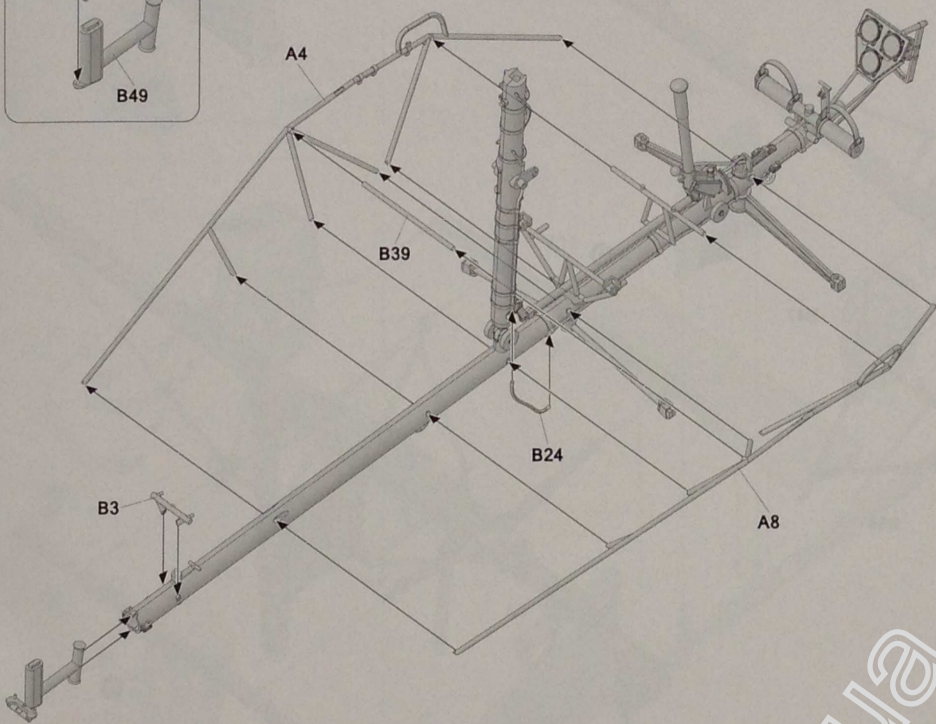
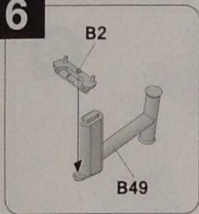


5

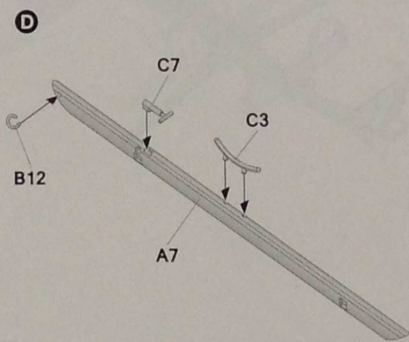
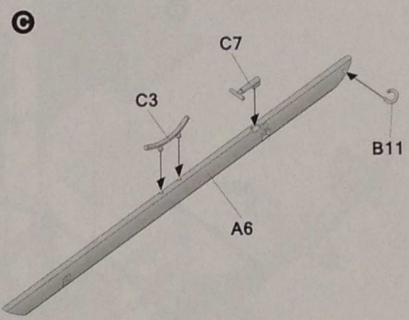


5

6

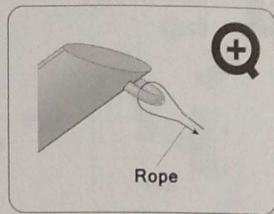
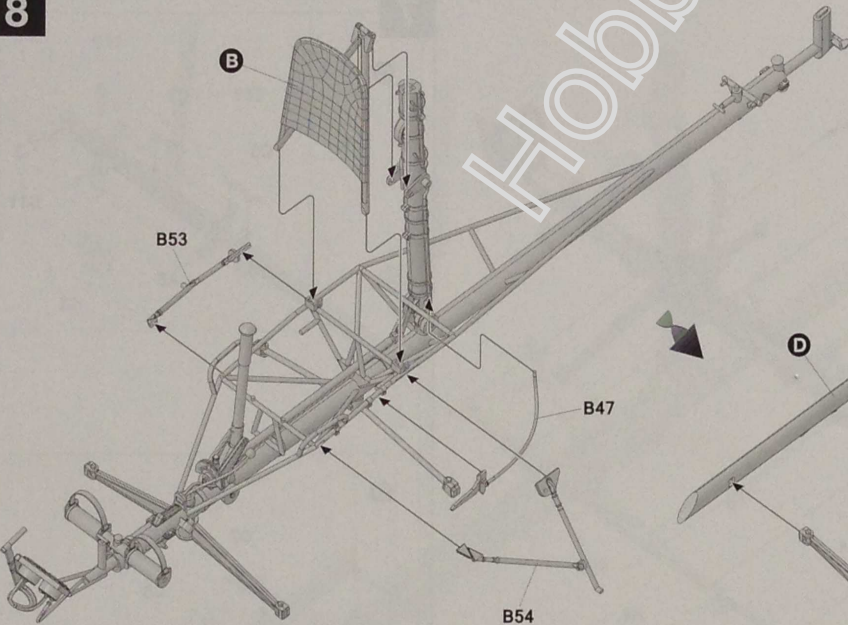


7



6

8



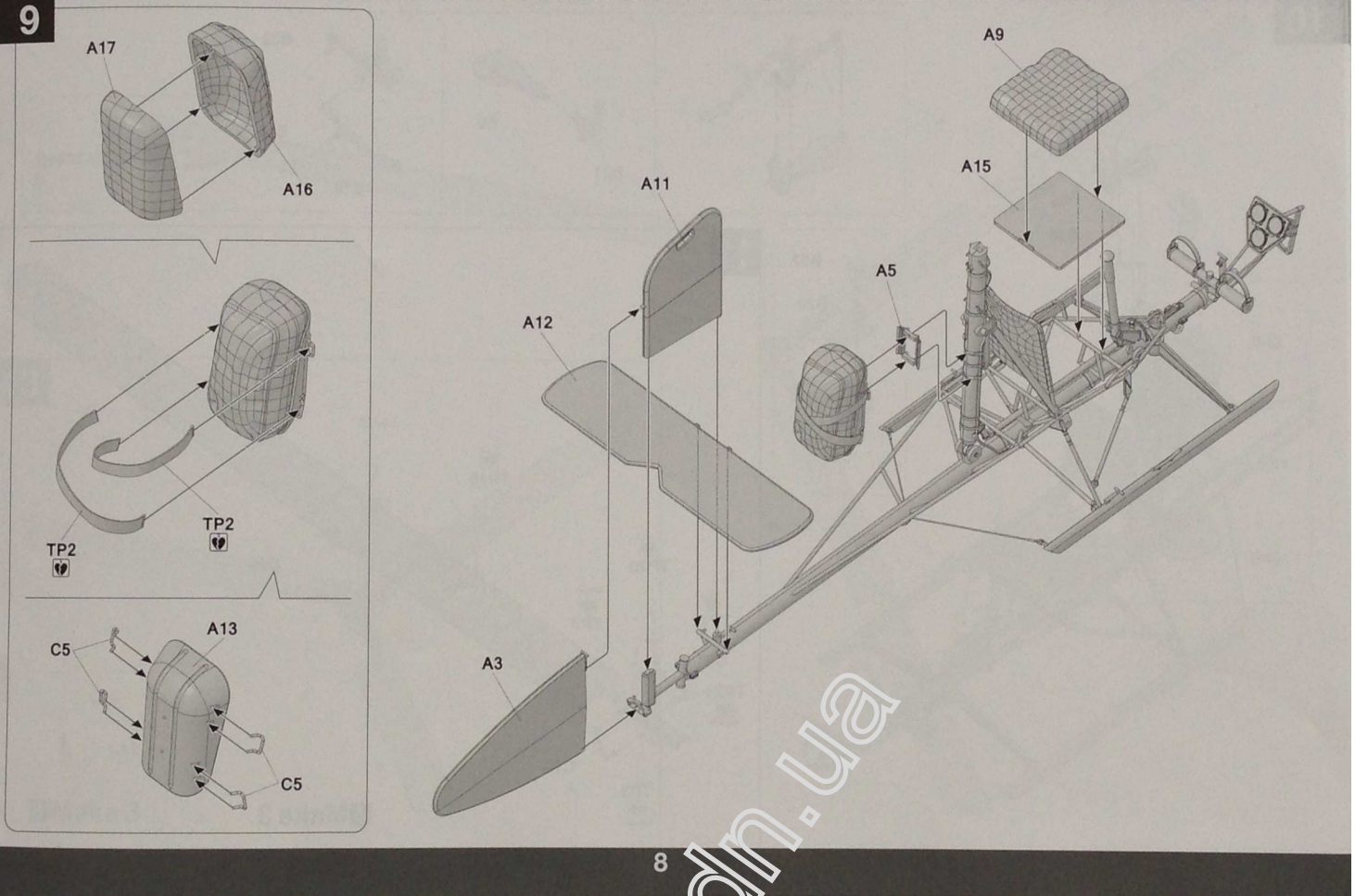
D

90MM

C

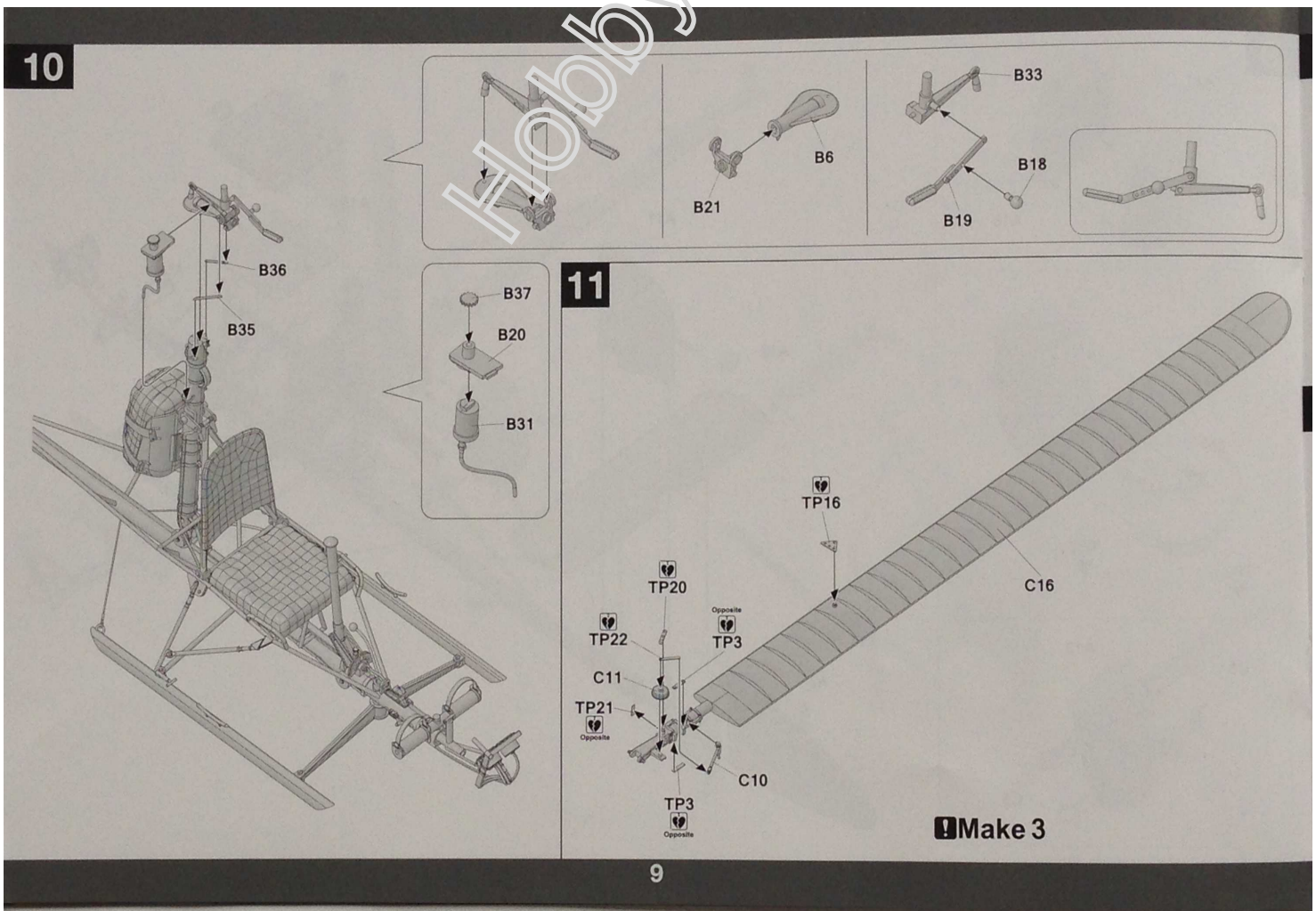
7

9



8

10

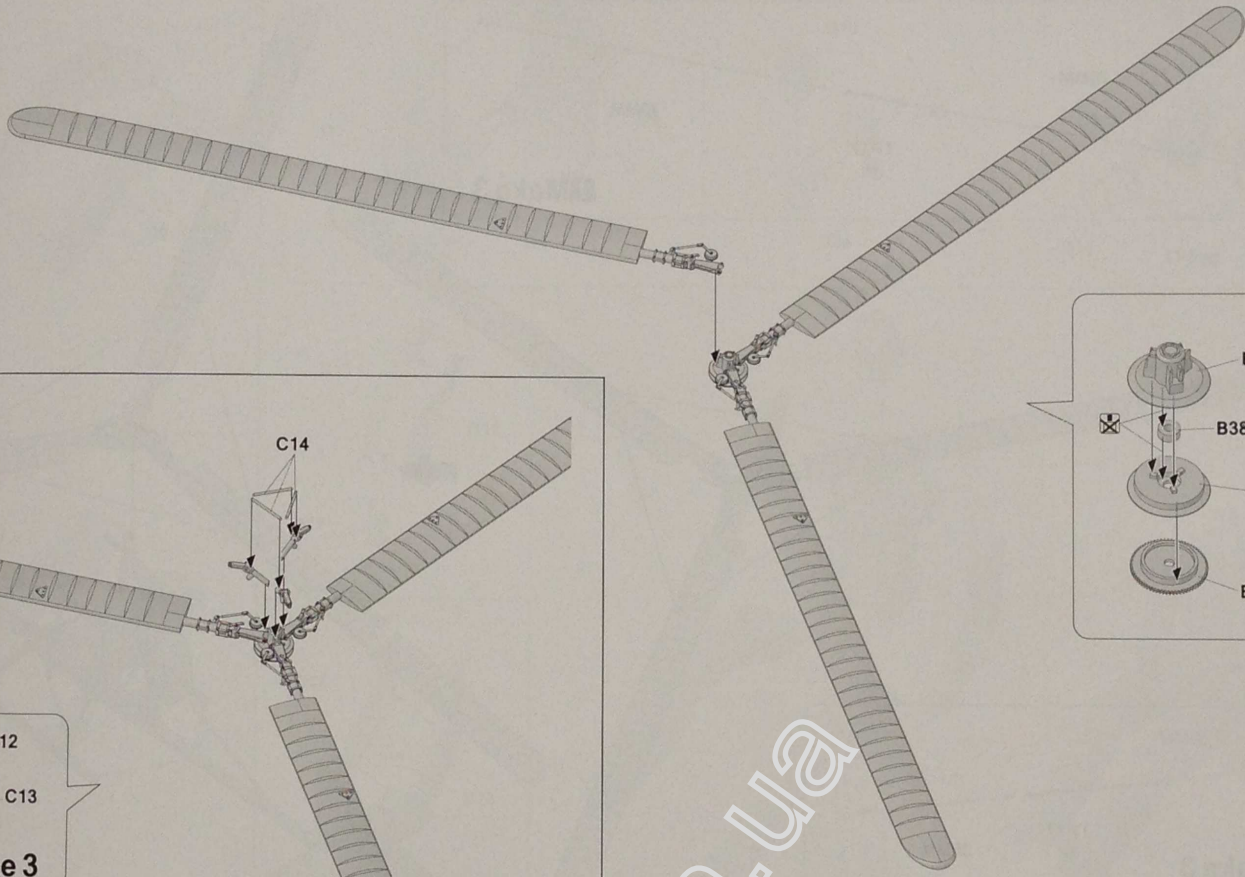


11

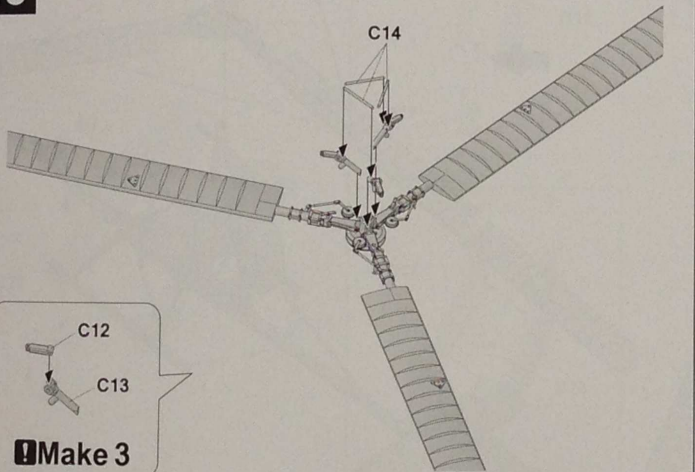
Make 3

9

12



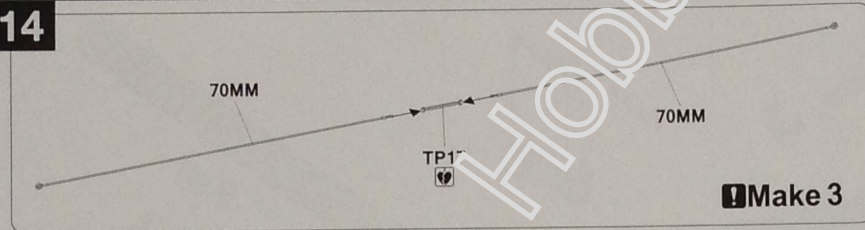
13



Make 3

10

14



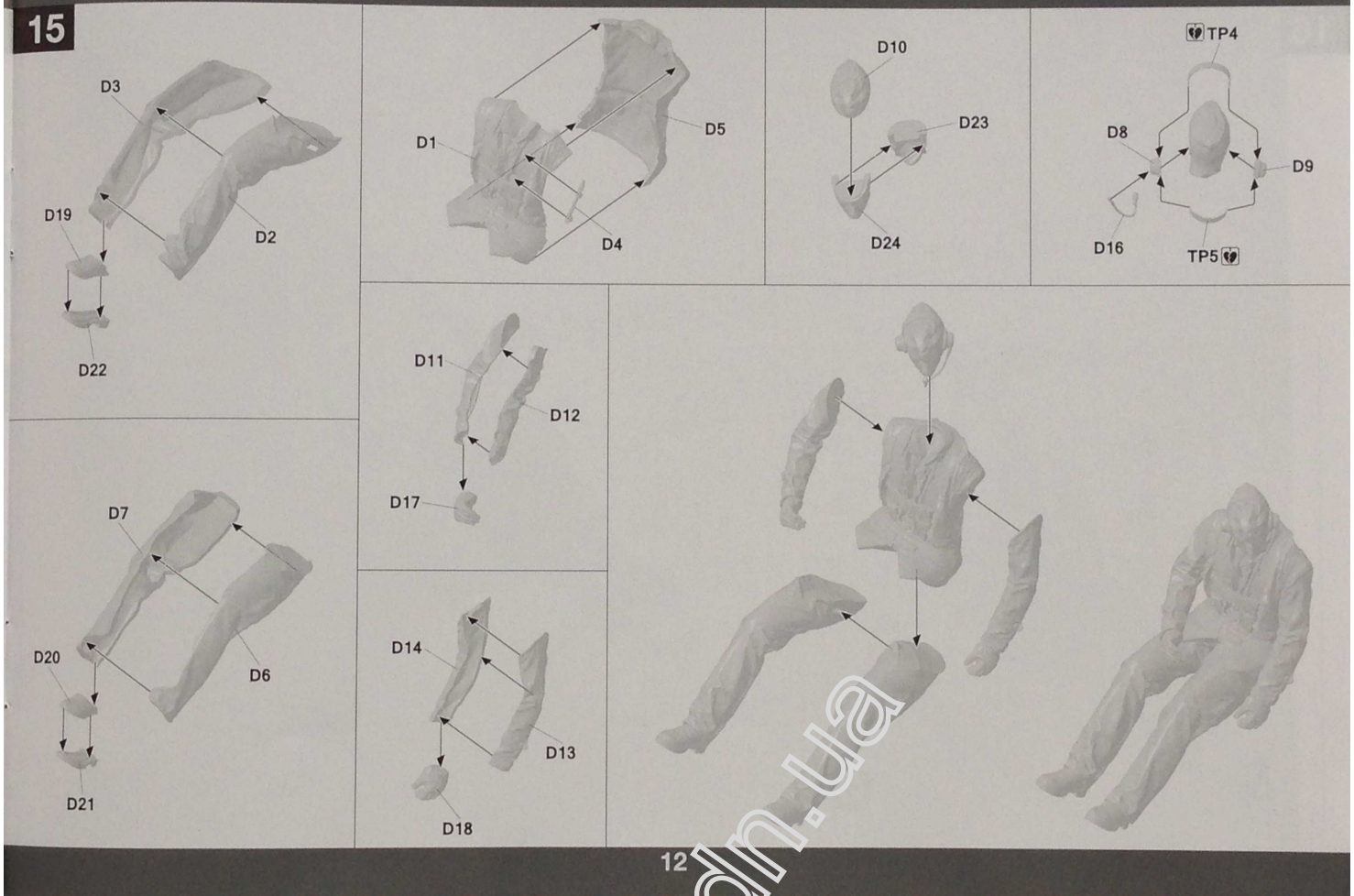
Make 3



Make 3

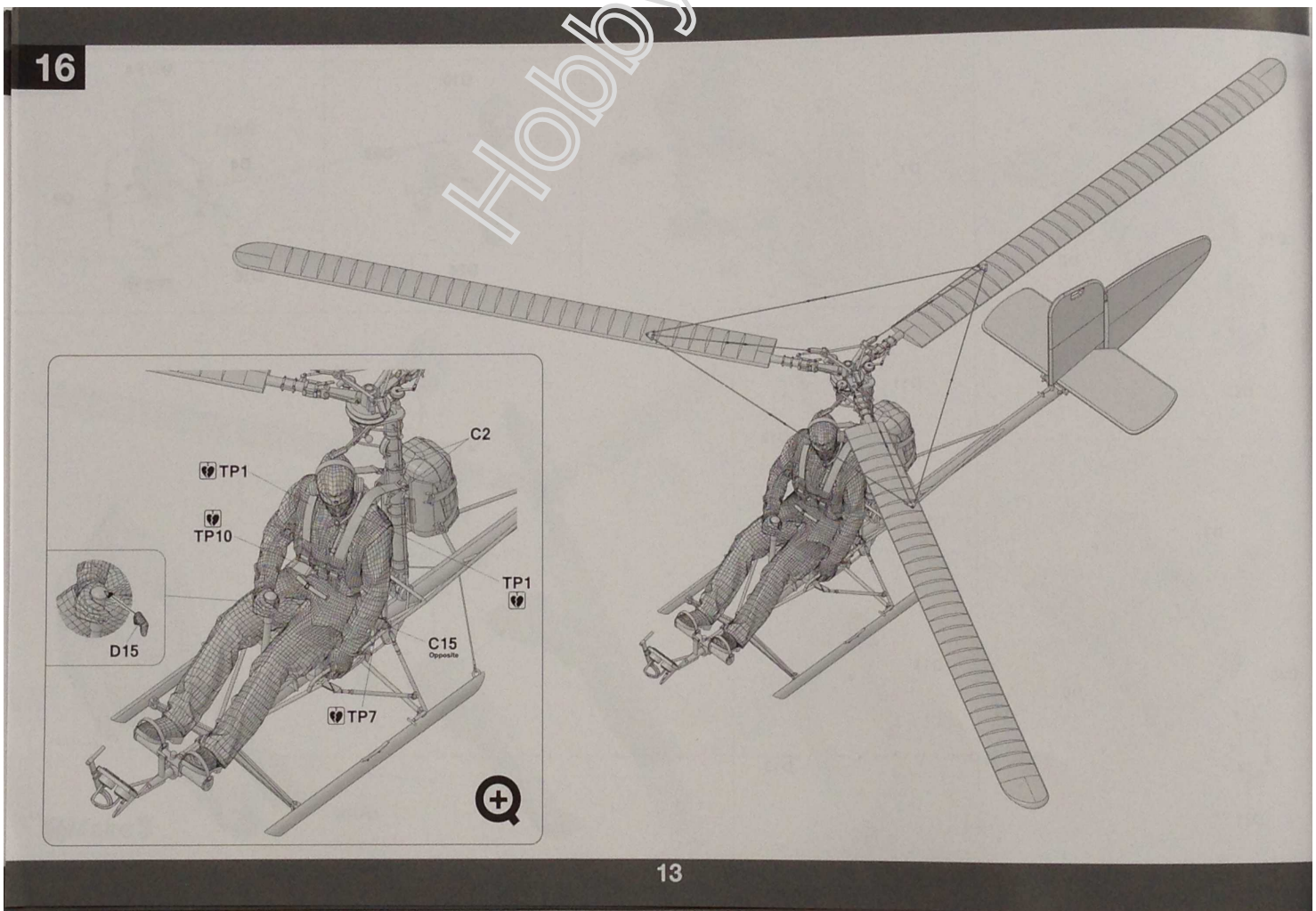
11

15



12

16



13



# FOCKE-ACHGELIS BACHSTELZE FA.330



Painting and Marking Guide  
TAKOM No. 1015

AMMO-0001

AMMO-0002

AMMO-0003

AMMO-0004

AMMO-0005

AMMO-0006

AMMO-0007

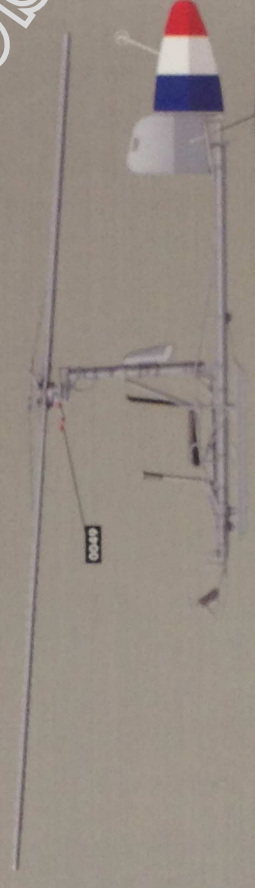
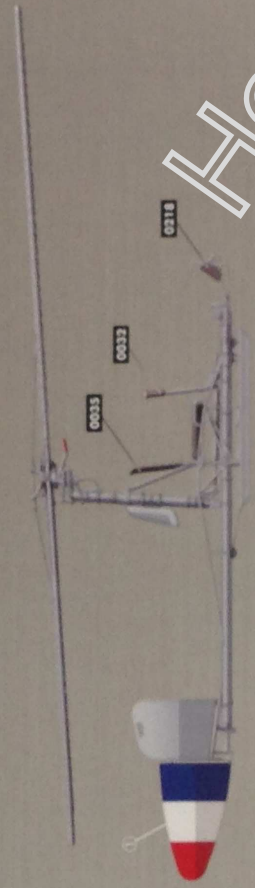
AMMO-0008

AMMO-0009

AMMO-0010

AMMO-0011

AMMO-0012



- WEATHERING STEPS WITH AMMO PRODUCTS
- 1 WASH  
Panel Line Wash  
AMMO-1402 Deep Gray
  - 2 CHIPPAID  
AMMO-0044 Chipping
  - 3 STEADYDIP  
Drybrush/brusher  
AMMO-1259 Starship Green
  - 4 MUDDIR EFFECTS  
AMMO-1408 Fresh Engine Oil



# FOCKE-ACHGELIS BACHSTELZE FA.330



Painting and Marking Guide  
TAKOM No. 1015

AMMO-0001

AMMO-0002

AMMO-0003

AMMO-0004

AMMO-0005

AMMO-0006

AMMO-0007

AMMO-0008

AMMO-0009

AMMO-0010

AMMO-0011

AMMO-0012



- WEATHERING STEPS WITH AMMO PRODUCTS
- 1 WASH  
Panel Line Wash  
AMMO-1402 Deep Gray
  - 2 CHIPPAID  
AMMO-0044 Chipping
  - 3 STEADYDIP  
Drybrush/brusher  
AMMO-1259 Starship Green
  - 4 MUDDIR EFFECTS  
AMMO-1408 Fresh Engine Oil

03.03.1015  
**TAKOM**

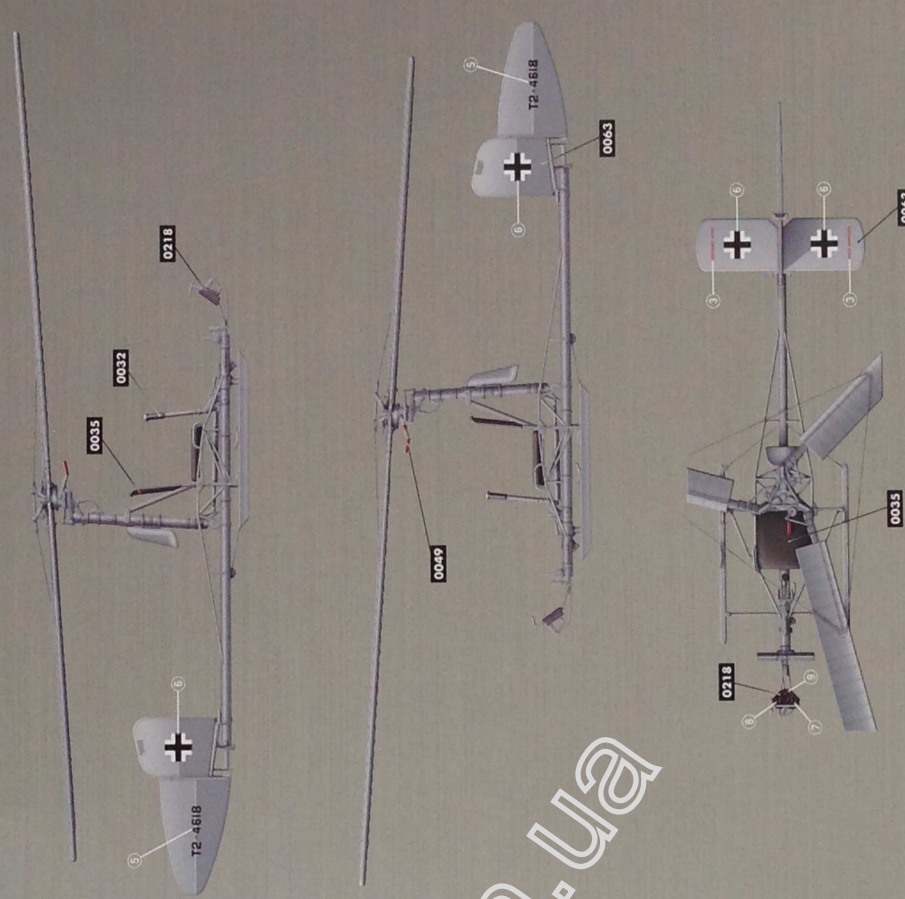
# FOCKE-ACHGELIS BACHSTELZE FA.330

**AMMO**  
 by MIG Jimenez  
 www.ammo.es

Painting and Marking Guide

TAKOM No. 1015

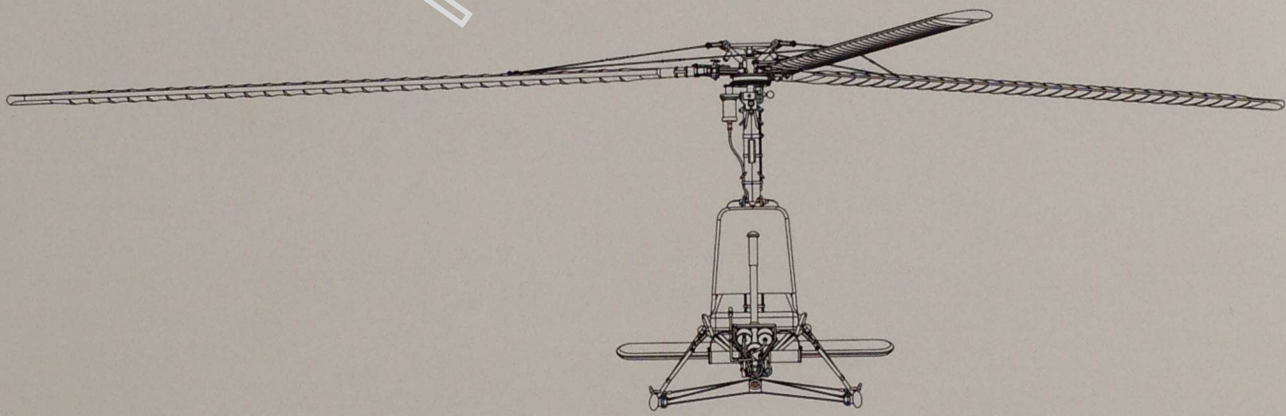
- A.MIG-0035 Dark Washes
- A.MIG-0032 Semi Gloss
- A.MIG-0003 Flat White Grey
- A.MIG-0001 Flat
- A.MIG-0002 Flat White Grey



- WEATHERING STEPS WITH AMMO PRODUCTS
- 1 WASH** Panel Line Wash  
A.MIG-1602 Strip Dry
  - 2 CHIPPING**  
A.MIG-0044 Chipping
  - 3 STREAKING** Streakingbrush  
A.MIG-1259 Streaking Grime
  - 4 MATURE EFFECTS**  
A.MIG-1408 Fresh Engine Oil

Hobby.dn.ua

2022/1015



You can find TAKOM on Facebook.com