

## **HEINKEL He 111 H-6**



H-2016-3800

Early in 1934, the technical department of the then new Reich's Air Transport Ministry (RLM) and representatives of Germany's national airline, Lufthansa, submitted specifications for an aircraft that would fill two roles: That of a high-speed ten-passenger airliner and that of a medium bomber.

The firms of Junkers and Heinkel were both requested to provide five prototypes each: the first to be a bomber; the next, an airliner; the third, a bomber, etc. So it was that the legendary He-111 came into being as a dual-purpose aircraft although, admittedly, the airline's needs were secondary to those of the clandestine Luftwaffe then forming.

The He-111 was tested in the Spanish Civil War and Poland, during which time modifications in the form of wing planform changes, more power and a totally re-designed nose were added.

The He-111P and He-111H, identical except for their engines, were produced in parallel up until 1940, when the P model was dropped due to the need for Daimler-Benz engines for fighters. The He-111H then became the major type produced and the H-6 version was the most widely used subtype. The He-111 H-6 went into production in late 1941 and saw action wherever the Luftwaffe fought. A good, sturdy, easily controlled, and well-liked aircraft (at least by its crews), the He-111 H-6 was soon adapted to carry two torpedos. That this was effective is borne out by the fact that in attacks on convoy PQ 18 in the North Atlantic, 10 of the 13 ships sunk fell to the torpedo carrying He-111 H-6's of KG-26.

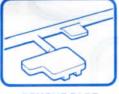
He-111 H-6's were involved in the night raids on the British industrial towns (its predecessor, the H-4, had been in the

thick of the "Battle of Britain") as well as the campaigns in Africa and Russia, where they served as transports when the fortunes of war turned against the Germans. Like other aircraft of the Third Reich, the He-111 was forced to serve long after its obsolescence because no aircraft could be found to adequately replace it.

#### He-111 H-6 SPECIFICATIONS

Span:
Length:
Height:
Empty Weight:
Loaded Weight: 25,000 lb (11,337 kg) normal;
27,400 lb (12,426 kg) max
Max Speed:
Cruise Speed:
Power: Two Junkers Jumo 211 F-2 12-cylinder
inverted vees of 1,340 hp each
Armament: Five or six 7.9mm MG 15s,
some had one or two 20mm MG FF cannon
Max Altitude: 25,500 feet (7,772 meters)
Crew:
Range: 760 miles w/full load, (1,222 km)
Max Bombload: External bombload of 5,510 lbs (2,500 kg) or two torpedoes.

#### **GET YOUR TOOLS READY:**



REMOVE PART WHEN CALLED FOR



TO REMOVE AND



**BEFORE YOU BEGIN** 

TO HOLD



TO APPLY CEMENT



TO HOLD PARTS

#### HELPFUL MODELING HINTS.

- 1. Fit parts together before cementing.
- 2. Trim away excess plastic.
- 3. Use cement sparingly, too much will damage your model.

4. Paint small parts before detaching from runner

TO OBTAIN A GOOD BOND, REMOVE PAINT WHERE PARTS ARE TO BE CEMENTED.

IF YOU WISH TO STOP AT ANY POINT DURING THE CONSTRUCTION OF YOUR MODEL.

DO SO ONLY AT THE END OF AN ASSEMBLY STEP.

## COLORS REQUIRED FOR HEINKEL HE-111 H-6 MOLDED COLOR IS DARK OLIVE GREEN (USE F.S. 34079 IF PAINTING)

FLAT BLACK . . . . . F.S. 37038
FLAT LT. BLUE . . . F.S. 35414
FLAT METALLIC GRAY . . . NO F.S. NO.

#### THESE COLORS ARE FOR EXTRA DETAILING.

 FLAT BLACK-GREEN
 F.S. 34056

 FLAT RLM GRAY
 F.S. 34159

 FLAT YELLOW
 F.S. 33538

 FLAT WHITE
 F.S. 37875

 FLAT RED
 F.S. 31302

 FLAT SAND
 F.S. 30257

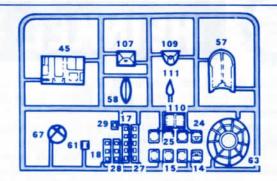
 FLAT FLESH
 F.S. 33717

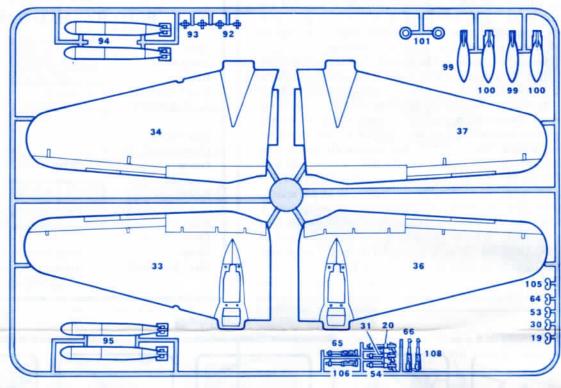
THE GENERAL SERVICE ADMINISTRATION SPECIFICATIONS SECTION Building 197, STOP 249 WASHINGTON, D.C. 20407

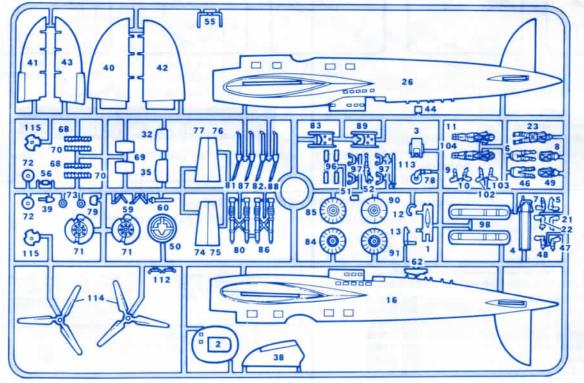
For modelers wishing to paint their models in authentic colors we have included the Federal Standard Color Numbers. These numbers refer to color samples printed in FS 595. Copies may be purchased for \$2.75 each from:

#### CAUTION

PLASTIC PARTS ARE NOT NUMBERED. USE THESE ILLUSTRATIONS AS A GUIDE IN ASSEMBLING THIS KIT. DO NOT REMOVE PARTS UNTIL YOU ARE READY TO USE THEM.







#### FUSELAGE DETAILS

- 1 FLOOR, COCKPIT
- 2 BULKHEAD
- 3 SEAT, PILOT 4 COUCH, BOMBARDIER

#### DRAWING A

# DO NOT REMOVE

#### SEE DRAWING A

- 1. Cement (1) to (2); then cement (3) to (1).
- Cement (4) to (1) and (2). DO NOT BLOCK HOLE IN (1).
- 5 ARM, RIGHT
- LEGS 6
- ARM, LEFT
- TORSO/HEAD ARM, RIGHT
- 10 ARM, LEFT
  - 11 LEGS/TORSO/HEAD 12 YOKE, CONTROL

  - 13 COLUMN, CONTROL

#### TYPICAL COLOR FOR PILOT AND CREW

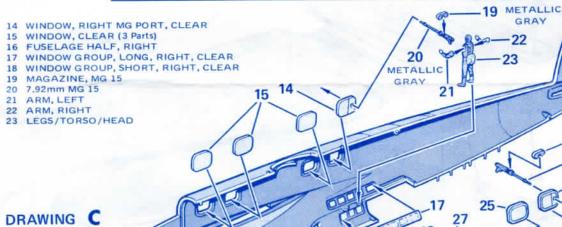
UNIFORM ... . . . . . . . BROWN HELMET . . . . ... YELLOW VEST . . WHITE STRAPS .... DARK BROWN BOOTS . FACE AND HANDS . . . . . . . . FLESH

#### DRAWING B

# METALLIC GRAY FLAT BLACK 13 GRAY GREEN

#### SEE DRAWING B

- 3. Cement (5), (6), and (7) to (8), paint PILOT and cement him to SEAT.
- 4. Cement (9) and (10) to (11). Paint GUNNER and cement him to (4).
- 5. Cement (12) to (13) and cement (13) to (1); SET ASSEMBLY ASIDE UNTIL STEP 2.



16

- 24 WINDOW, LEFT GUN PORT, CLEAR
- 25 WINDOW, CLEAR (3 Parts)
- 26 FUSELAGE HALF, LEFT
- 27 WINDOW GROUP, LONG, LEFT, CLEAR
- 28 WINDOW GROUP, SHORT, LEFT, CLEAR
- WINDOW, CLEAR
- 30 MAGAZINE, MG 15
- 31 7.92mm MG 15

#### SEE DRAWING C

- 6. Cement (14) and three parts (15) into (16).
- 7. Cement (17) and (18) into (16).
- 8. Cement (19) to (20); then cement (20) into (14).
- 9. Cement (21) and (22) to (23), paint GUNNER and cement him to (16).
- 10. Cement (24) and three parts (25) into (26).
- 11. Cement (27), (28), and (29) into (26).
- 12. Cement (30) to (31); then cement (31) into (24).
- 13. Cement (16) to (26).

28

26

30

31

METALLIC GRAY

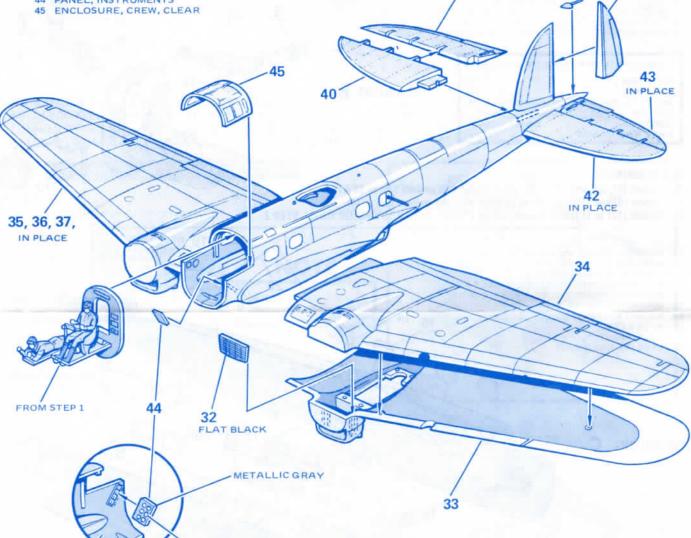
BASIC FUSELAGE

INTERIOR COLOR

IS GRAY GREEN

#### WING/EMPENNAGE/FUSELAGE

- RADIATOR
- 33 WING HALF, LOWER LEFT 34 WING HALF, UPPER LEFT
- 35 RADIATOR
- 36 WING HALF, LOWER RIGHT 37 WING HALF, UPPER RIGHT
- 38 RUDDER
- 39 FIXED 7.92mm MG 17 (OPTIONAL)
- 40 STABILIZER, RIGHT
- 41 ELEVATOR, RIGHT
- 42 STABILIZER, LEFT 43 ELEVATOR, LEFT
- 44 PANEL, INSTRUMENTS



FLAT BLACK

LEFT INTERIOR FUSELAGE

- 1. Cement (32) into (33); then cement (33) to (34).
- 2. Cement (35) into (36); then cement (36) to (37).
- 3. Cement WINGS to FUSELAGE.
- 4. Cement (38) to VERTICAL STABILIZER.
- 5. Part (39) is OPTIONAL (not on all He III H-6 aircraft).

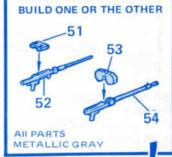
39 OPTIONAL

- 6. Cement (40) to (41) and cement (42) to (43); then cement both ASSEMBLIES to FUSELAGE.
- 7. Cement COCKPIT ASSEMBLY into FUSELAGE.
- 8. Cement (44) inside LEFT FUSELAGE half.
- 9. Cement (45) to FUSELAGE.

#### NOSE/ENGINE DETAILS 46 LEGS ARM, LEFT 48 ARM, RIGHT SEE DRAWING A TORSO/HEAD 49 50 BASKET, TURRET FEED GUIDES, MG 131 51 13mm MG 131 (OPTIONAL) 52 53 MAGAZINE, MG 15 7.92 MG 15 (OPTIONAL) 55 MOUNT MG DIRECTION FINDER ANTENNA ENCLOSURE, GUNNER, CLEAR ENCLOSURE, FOLDING, GUNNER, CLEAR MASS BALANCE, RUDDER (2 Parts) ANTENNA 61 LIGHT, LANDING, CLEAR 62 PANEL, INSTRUMENT 63 ENCLOSURE, CREW, CLEAR MAGAZINE, MG 15 7.92mm MG 15 (OPTIONAL) 64 65 66 20mm MG FF CANNON (OPTIONAL) IKARIA COAXIAL MG MOUNT EXHAUST, RIGHT (2 Parts) INTAKE (2 Parts) EXHAUST, LEFT (2 Parts) COWL ASSEMBLY, ENGINE (2 Parts) HUB/SHAFT (2 Parts) 73 RETAINER (2 Parts) 56 FLAT BLACK METALLIC GRAY 65 64

- 1. Cement (46), (47), and (48) to (49).
- 2. Paint GUNNER and cement him into (50).
- 3. Cement GUNNER and BASKET into FUSELAGE.

#### DRAWING B





59 55 60 DRAWING C INSTRUMENT PANEL DECAL 62 61 GRAY 70 METALLICGRAY 66 68 67

#### SEE DRAWING B

OPTIONAL

Cement (51) to (52) or (53) to (54) as either MG is correct.

#### SEE DRAWING C

Cement (55) to (50); then cement MG to (55).

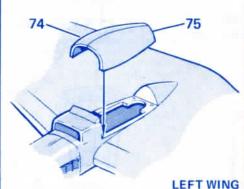
METALLIC GRAY

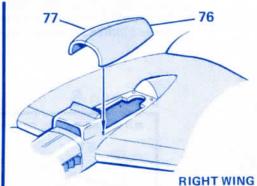
- 6. Cement (56) and (57) to FUSELAGE: then cement (58) to (57).
- 7. Cement a part (59) to each side of the VERTICAL FIN.
- 8. Cement (60) to FUSELAGE and (61) into LEFT WING.

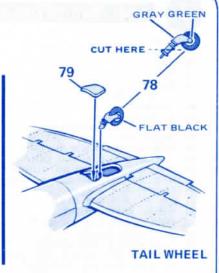
- 9. Apply INSTRUMENT PANEL DECAL to (62) and cement (62) into (63); then cement (63) to FUSELAGE.
- 10. Cement (64) to (65) and cement GUN into (67) or cement (66) into (67) as either GUN is correct.
- 11. Cement (67) to FUSELAGE.
- 12. Cement (68), (69), and (70) to (71); then slide SHAFT of (72) through (71) and position (73) on SHAFT. Hold (73) on (72) with a drop of cement. DO NOT LET CEMENT TOUCH (71) OR (72) WILL NOT ROTATE. Repeat for second ENGINE.
- 13. Cement ENGINES to WINGS.

#### LANDING GEAR UP VERSION

- 74 DOOR, LG, LEFT OUTBOARD 75 DOOR, LG, LEFT INBOARD
- 76 DOOR, LG, RIGHT OUTBOARD
- 77 DOOR, LG, RIGHT INBOARD
- 78 TAILWHEEL
- 79 DOOR, TAILWHEEL







#### THE LANDING GEAR CAN BE BUILT UP OR DOWN, DECIDE WHICH YOU PREFER AND BUILD ACCORDINGLY.

- 1. Cement (74) and (75) to LEFT NACELLE in CLOSED POSITION.
- 2. Cement (76) and (77) to RIGHT NACELLE in CLOSED POSITION.
- 3. Cut off part of STRUT on part (78) and cement (78) to HORIZONTAL STABILIZER inside FUSELAGE.
- 4. Cement (79) to FUSELAGE.
- 5. Skip STEP 5 and proceed to STEP 6.

#### LANDING GEAR DOWN VERSION

- LG STRUT, LEFT
- LG DRAG STRUT LEFT OUTBOARD
- 82 LG DRAG STRUT LEFT INBOARD
- 83 LG RETRACT STRUT, LEFT
- 84 WHEEL HALF, OUTBOARD 85 WHEEL HALF, INBOARD
- 86 LG STRUT, RIGHT
- LG DRAG STRUT RIGHT OUTBOARD 87
- 88 LG DRAG STRUT RIGHT INBOARD
- 89 LG RETRACT STRUT, RIGHT
- 90 WHEEL HALF, INBOARD 91 WHEEL HALF, OUTBOARD

## NOTE

DRAWING

A

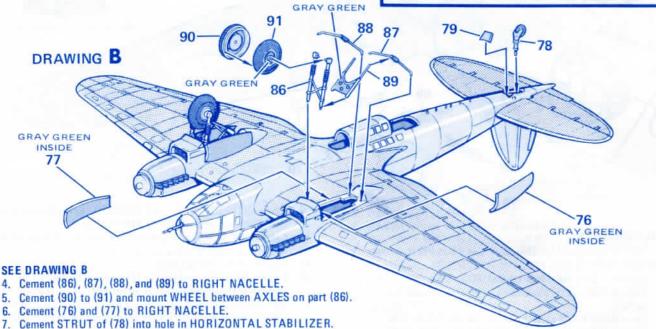
HOLES IN (80) AND (86) MUST FACE TAIL

### FLAT BLACK 85 82 74 83 BLACK 80 METALLIC 75 GRAY

#### SEE DRAWING A

- 1. Cement (80), (81), (82), and (83) to LEFT NACELLE.
- 2. Cement (84) to (85) and mount WHEEL between AXLES on part (80).
- 3. Cement (74) and (75) to LEFT NACELLE.

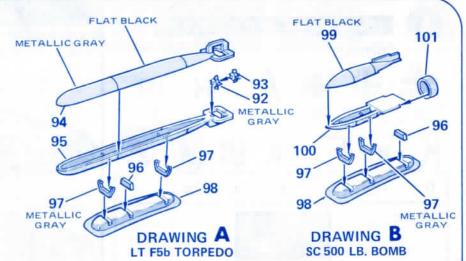
8. Cement (79) to (78) and FUSELAGE.





#### STORES

- 92 PROPELLER, FWD (2 Parts)
- 93 PROPELLER, AFT (2 Parts)
- 94 LT F5b TORPEDO HALF, LOWER (2 Parts)
- 95 LT F5b TORPEDO HALF, UPPER (2 Parts)
- 96 BLANK (4 Parts)
- 97 SWAY BRACE (4 Parts)
- 98 PVC RACK (2 Parts)
- 99 SC 500 BOMB HALF, LOWER (2 Parts)
- 100 SC 500 BOMB HALF, UPPER (2 Parts)
- 101 RING, BOMB FINS (2 Parts)



DECIDE WHICH STORES VERSION YOU WISH AND PROCEED ACCORDINGLY.

#### SEE DRAWING A FOR TORPEDO VERSION

- Cement (92) to (93); then cement (94) and (95).together trapping (92) and (93) in between. Make two TORPEDOS.
- 2. Cement (96) and two parts (97) to (98). Make two RACKS.
- Cement a TORPEDO to each RACK and cement stores to WINGS as shown in Step 7.

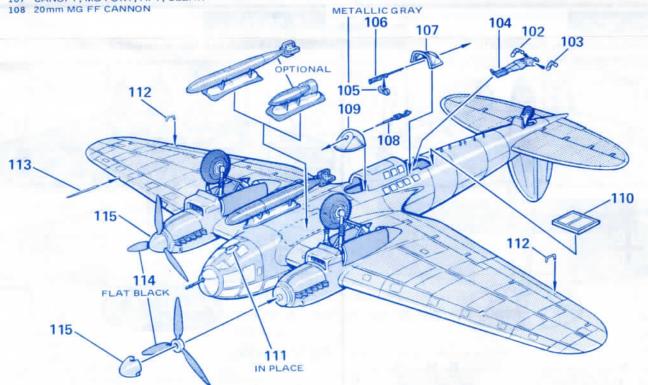
#### SEE DRAWING B FOR BOMB VERSION

- 4. Cement (99), (100), and (101) together. Make two BOMBS.
- 5. Cement (96) and two parts (97) to (98). Make two RACKS.
- Cement a BOMB to each RACK and cement stores to WINGS as shown in STEP 7.

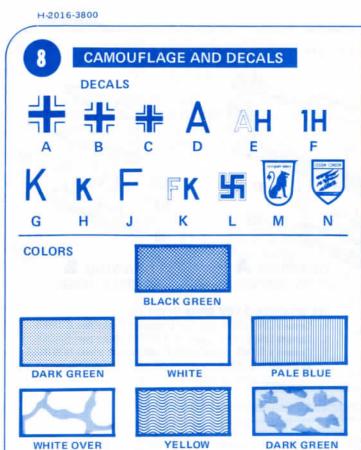
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#### FINAL DETAILS

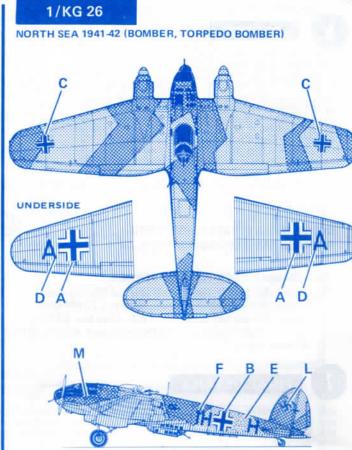
- 102 ARM, RIGHT
- 103 ARM, LEFT
- 104 LEGS/TORSO/HEAD
- 105 MAGAZINE MG 15
- 106 7.92mm MG 15
- 107 CANOPY, MG PORT, AFT, CLEAR
- 109 CANOPY, MG PORT, FORWARD, CLEAR
- 110 WINDOW, CLEAR
- 111 FAIRING, BOMBSIGHT
- 112 LINK, SERVO TAB (2 Parts)
- 113 PITOT TUBE
- 114 PROPELLER (2 Parts)
- 115 SPINNER (2 Parts)

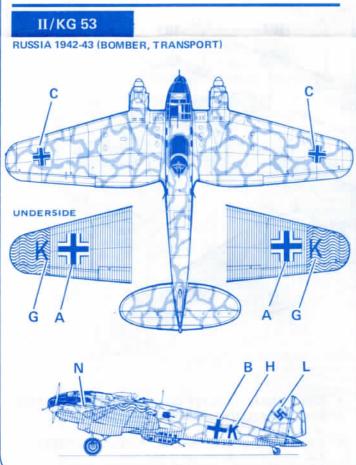


- Cement (102) and (103) to (104), paint GUNNER and cement him into FUSELAGE.
- Cement (105) to (106); then cement MG into (107) and cement (107) to FUSELAGE.
- An OPTIONAL GUN (108) can be cemented into (109) before (109) is cemented to FUSELAGE.
- 4. Cement (110) to FUSELAGE and cement (111) to LOWER NOSE.
- Cement a part (112) to each WING; then cement (113) to LEFT WING.
- Cement (114) into (115). Make two PROPELLER/SPINNER ASSEMBLIES and cement one to each HUB.
- 7. Add DECALS as shown in 3-VIEW DRAWINGS.

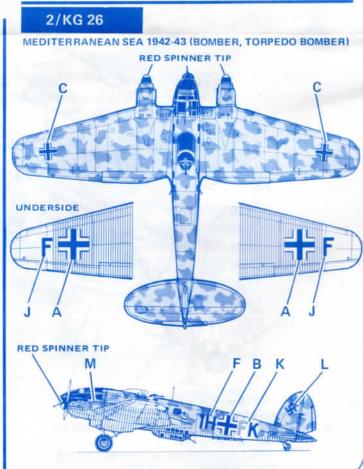


**OVER SAND** 

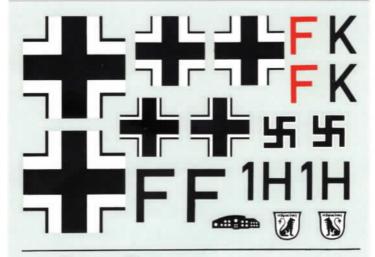




REFER TO BOX COVER FOR AID IN PAINTING AND DECAL PLACEMENT.



DARK GREEN



# AAAHAH

# ++KKK

H-2016

Stalingrad IIII





K

#### DIRECTIONS

- 1. CUT EACH DESIGN FROM DECAL SHEET AS NEEDED.
- 2. DIP IN WATER.
- 3. USE A SMALL BRUSH TO WET YOUR MODEL.
- 4. SLIDE DECAL FROM PAPER FACE UP INTO POSITION ON MODEL.
- 5. DO NOT TOUCH DECAL WITH FINGERS.
- 6. PRESS DOWN WITH BLOTTER.

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Date of Birth	Ho	w Many Models Have You Built?
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Where Did You Buy This Kit?	Dept. Store	Dime Store Drug Store Hobby Store
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