The F-104 Starfighter is famed as the first fighter to break the Mach 2 barrier. Nicknamed the "missile with a man in it" soon after the maiden flight of the XF-104 prototype in February 1954, the Starfighter garnered attention as the world's fastest fighter after setting a speed record of 2,259 km/h in May 1958. However, delays in getting the fighter operational caused large-scale order cancellations, resulting in the Starfighter losing its spot as the Air Force's premier fighter to the F-106 and F-101 types. Changing marketing strategies, the F-104's manufacturers targeted various NATO air forces, knowing that their fighter forces were rapidly becoming obsolete. This paid off when the West German Air Force opted to go with the Starfighter to replace its fleet of aging F-84 Thunderjets in February 1959. Given a "G" (for "Germany") sub-designation, the primary mission of the F-104G was to fly tactical nuclear attack missions against East Germany. Mission requirements of carrying tactical nuclear devices in low-level, high speed attacks necessitated extensive modifications to, and strengthening of, the Starfighter airframe. In addition, the Fire Control System was upgraded to the AN/ASG-14 NASARR F-15A, and Litton inertial navigation system, an armaments computer and autopilot equipment were also installed. The engine was changed to the J79-GE-11A. One significant characteristic of the G-type was the spray mat electrically-heated de-icer system installed in the air intake of the aircraft as a countermeasure to harsh European winter conditions. Ejection seats were originally of the same C-2 type as USAF aircraft, but these were changed to the Martin-Baker CQ-7 model when Denmark and Italy, also using the Starfighter, decided to go with the latter type of seat. Following the lead of the West German Air Force, the air forces of Holland, Belgium, Italy, Denmark, Norway, Greece and Spain all used the aircraft at some point. The aircraft was also produced under license in West Germany, Holland, Belgium and Italy.

(Data)
Crew: one; length: 16.69 m (excluding pitot tube); height: 4.11 m; wingspan (without wingtip fuel tanks): 6.68 m; wing surface area: 18.22 sq. m; airframe weight: 8,387 kg; weight, fully-loaded: 13,054 kg; engine: J79-GE-11A (4,549 kgf of thrust reaching 7,170 kgf with afterburners engaged); maximum speed: Mach 2.2 (at 11,000 m); landing speed: 278 km/h; maximum climb rate: 15,200 m/min from sea level; effective ceiling: 18,300 m; cruising range: 2,220 km; fixed armament: M-61 Vulcan x 1
7. 各部品の取り付け
Various Parts Installation

8. 主翼の組み立て
Main Wing Assembly

9. 主翼の取り付け
Main Wing Installation

10. 前脚の組み立て
Nose Gear Assembly

11. 前脚の取り付け
Nose Gear Installation

12. 主車輪の組み立て
Main Wheel Assembly

13. 主車輪の組み立て
Main Gear Assembly

- 主翼を取り付ける前にデカール(6, 7)を貼ってください。
  Attach main wing after applying decals.

- 棲化させるようにして取りつけてください。
  Please attach and twist.
14 主脚の取り付け
Main Gear Installation

15 尾部の組み立て
Tail Assembly

16 ウィングチップタンクの組み立て
Wingtip Tank Assembly

17 最終の組み立て
Final Assembly
塗料指定の色はGSIクレオス・MR.カラーです。色番号が指定されているので、お求めください。

100247 H-49 F-104G スターファイター "NASA"

NASA, Dryden FRC, California 1980.

NASA, Dryden FRC, California 1970.
この塗装図は1/48スケールを、側面45%、上下面40%に縮小しております。
This marking chart has been reduced by 45% in the side view and 40% in the top and bottom views from 1/48 scale.
注意

**組み立てる前に必ずお読みください。**

**12才以下の方が組み立てる時は、保護者もお読みください。**

1. 組み立てモデルです。誤って組み立てて箇所が不具合をお願いください。
2. 部品を取り扱った後のビニール袋は、小さな子供が手が届かなかったり、飲み込みなすか恐れがありますので、取り扱ってください。
3. 組立はさらに取り扱い、取り扱った後のクラミをすぐに接してください。
4. 部品はやむを得ず組み立てる必要がありますが、組み立てる際は、組み立てる箇所や、組み立てる箇所に囲んでください。
5. 小さな部品がありますので、誤って飲み込むように注意してください。特に、小さい子供がいる家庭では注意してください。

7. 補修、塗料を使用する場合は、下目に注意してください。
8. 組立を完了したので手をながしていません。手をながしていただくと、中指の感覚があります。
9. 部品が組み立てる箇所と、組み立てる箇所に囲んでください。組み立てる箇所に囲むと、手をながしていただくと、中指の感覚があります。
10. 塗料が組み立てる箇所に流入しないように注意してください。

2. 工具、接続剤、溶剤、塗料等を使用する場合は、各部品の注意事項をよく理解し正しく使用してください。

警告

**WARNING** FUNCTIONAL SHARP POINTS
"WARNING" SCHARFE ECKEN UND KANTEN
"Avertissement" Points essentiels de fonctionnement
"ATTENZIONE" PARTI MOLTO ACUMINATE
"AVIS0" PUNTOS AGUDOS EN FUNCIONAMIENTO

CAUTION

**MAKE SURE TO READ INSTRUCTIONS LISTED BELOW BEFORE ASSEMBLING.**

**ADULT SUPERVISING SHOULD ALSO READ INSTRUCTIONS WHEN ASSEMBLED BY CHILDREN AGED 12 OR YOUNGER.**

1. THIS BUILDING ASSEMBLY KIT. READ THE INSTRUCTIONS BEFORE ASSEMBLING.
2. TEAR UP AND THROW AWAY THE PLASTIC BAGS CONTAINING KIT PARTS AS CHILDREN MAY BE INJURED BY SWALLOWING OR WEARING OVER HEAD.
3. CUT THE PARTS OFF PROPERLY AND THROW THE WASTE PARTS INTO DUSTBOX AT ONCE.
4. DO NOT PLAY WITH THE PARTS FOR ANY OTHER PURPOSE AS SOME PARTS MAY BE TOO SHARP. MORE CAUTION AND CARE NEEDED FOR FAMILIES WITH INFANTS.
5. DO NOT SWALLOW ANY PARTS AND CUT-OFF CHIPS. KEEP AWAY FROM REACH OF CHILDREN.
6. WRONG OR CARELESS USAGE OF NIPPER, CUTTER, FILE ETC. MAY HURT THE ASSEMBLER.
7. BE CAUTIONS AS FOLLOWS WHEN USING ADHESIVE AND/OR PAINTS:
   * DO NOT USE IN CLOSED ROOM TO AVOID POISONING/TOXICITY.
   * DO NOT USE NEAR FIRE TO AVOID FLAMMABILITY.
   * DO NOT PUT ANY ADHESIVES AND/OR PAINTS INTO MOUTH AND EYE IF MISTAKENLY PUT INTO WASH OUT PROMPTLY WITH FULL WATER AND CONSULT A DOCTOR.
8. USE TOOLS, ADHESIVES, PAINTS, BATTERIES ETC. PROPERLY AFTER CAREFUL READING OF INSTRUCTIONS GIVEN IN EACH HANDLING MANUAL.