



T-38 Talon

In the mid-1950s, the USAF required a trainer with higher performance than the T-33 to better prepare student pilots for the latest tactical aircraft that were then coming into service. The aircraft chosen was the T-38A which offered high performance with low maintenance and operating costs. The T-38A became the USAF's first supersonic trainer. The T-38A prototype first flew on 10 April, 1959, and production continued until 1972. A total of 1,189 T-38As were built. Some were later modified into AT-38Bs with external armament for weapons training purposes.

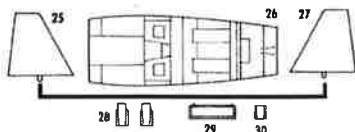
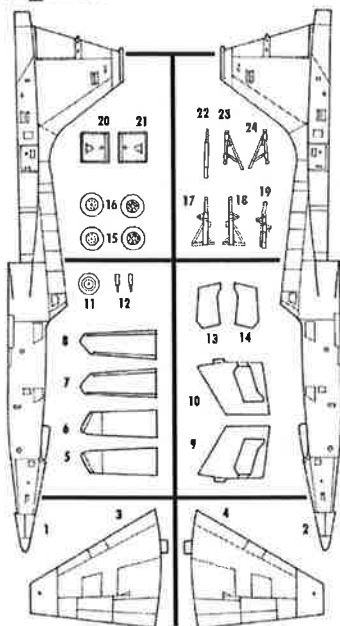
The T-38 Talon is a twin-engine, high-altitude, supersonic jet trainer used in a variety of roles because of its design, economy of operations, ease of maintenance, high performance and exceptional safety record. It is used primarily by Air Education and Training Command for undergraduate pilot and pilot instructor training. Air Combat Command, Air Mobility Command, U.S. Navy in their Top Gun combat simulation program and the National Aeronautics and Space Administration also use the T-38 in various roles. The USAF Thunderbirds used T-38As from 1974 to 1982 because of their economic operation and high performance.

The T-38 has swept-back wings, a streamlined fuselage and tricycle landing gear with a steerable nose wheel. Two independent hydraulic systems power the ailerons, flaps, rudder and other flight control surfaces. The instructor and student sit in tandem on rocket-powered ejection seats in a pressurized, air-conditioned cockpit. Student pilots fly the T-38A to learn supersonic techniques, aerobatics, formation, night and instrument flying and cross-country navigation. More than 60,000 pilots have earned their wings in the T-38A.

Air Education and Training Command uses a modified version, the AT-38B, to prepare pilots for fighter aircraft such as the F-15, F-16 and A-10, and F-111. This model carries external armament and weapons delivery equipment for training.

T-38 was also a record breaker. Jacqueline Cochran set eight performance records in the fall of 1961 flying a production T-38A and in February 1962 a T-38A set four international time-to-climb records.

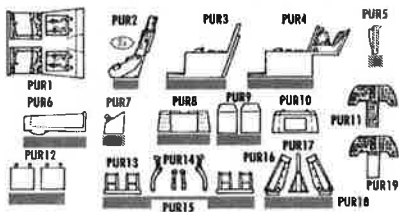
An ongoing program called Pacer Classic, the structural life extension program for the T-38, is integrating 10 modifications, including major structural renewal, into one process. As a result, the service life of T-38s should extend to the 2010. Additionally, the introduction of the T-1A Jayhawk significantly relieved the T-38's work load.



CLEAR PARTS (CP)



POLYURETHAN PARTS (PUR)



BARVA/COLOR

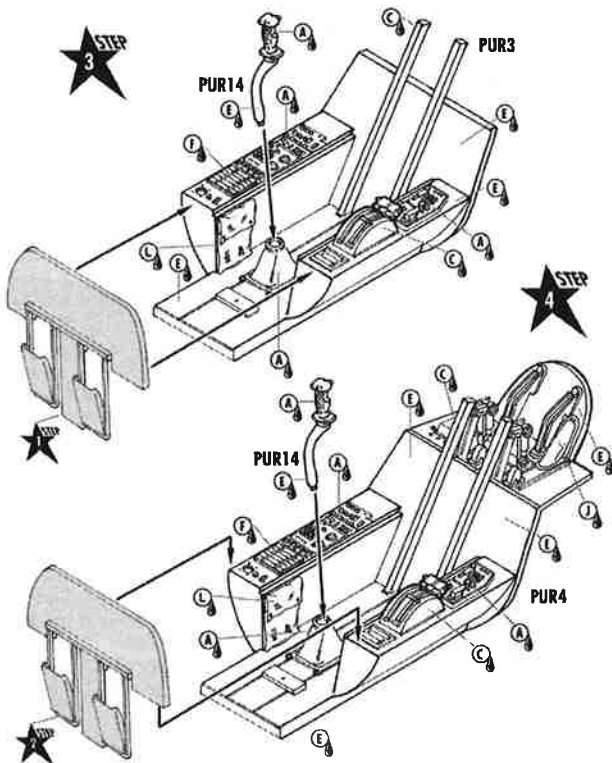
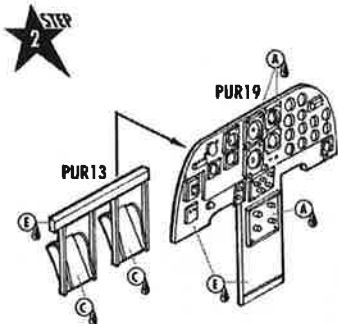
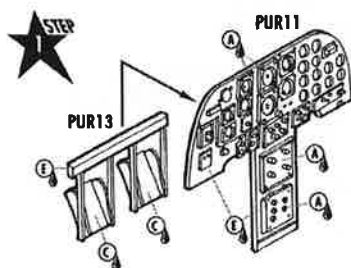
- A Černá/Black
 - B Olivová zelená
Olive Green
 - C Stříbrná/Silver
 - D Plátno/Linen
 - E Světlá šedá/
Light Grey
 - F Červená/Red
 - G Žlutá/Yellow
 - H Modrá/Blue
 - I Černošedá/
Tyres Black
 - J Šedá/Grey
 - K Chromová/
Chrome
 - L Hnědá/Brown
- Drawings: MA 2007

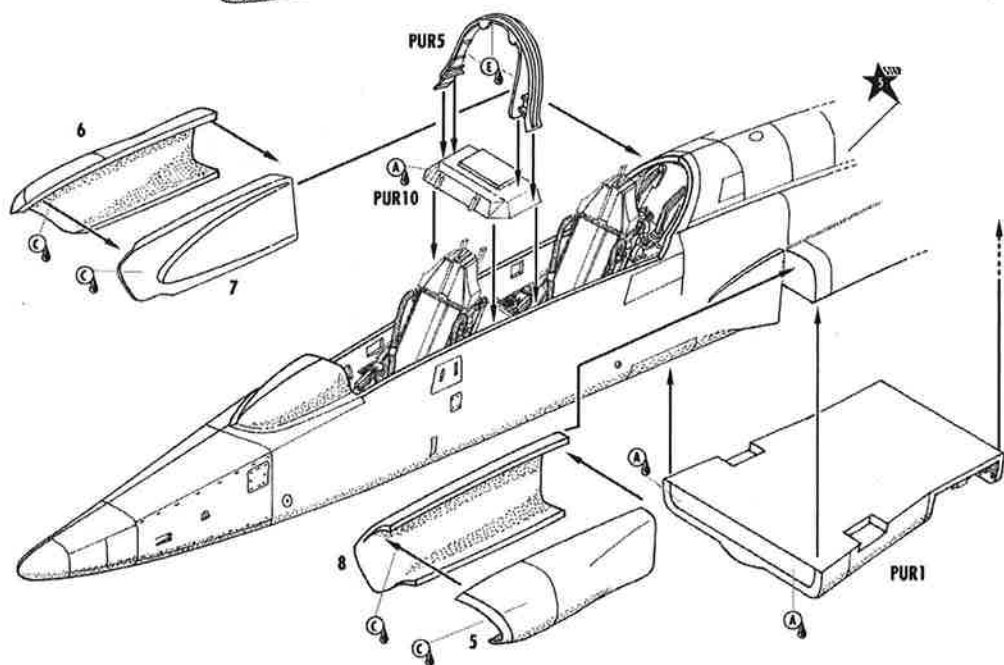
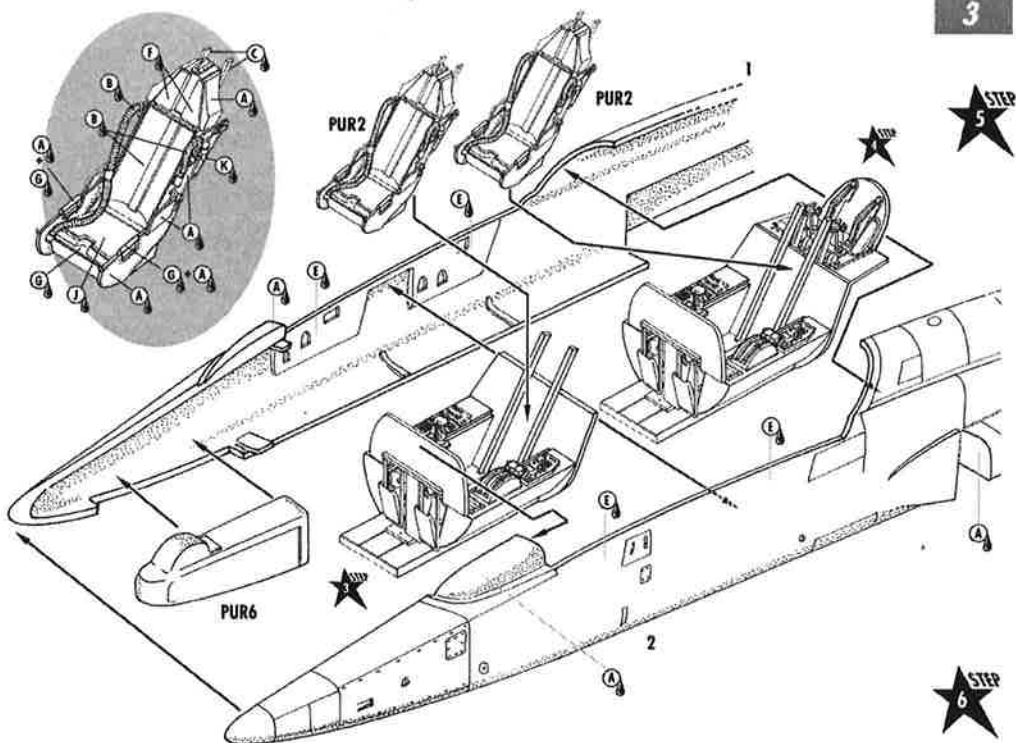


Volba/Option



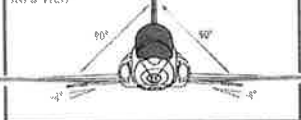
Lepidlo na kov
Glue for metal



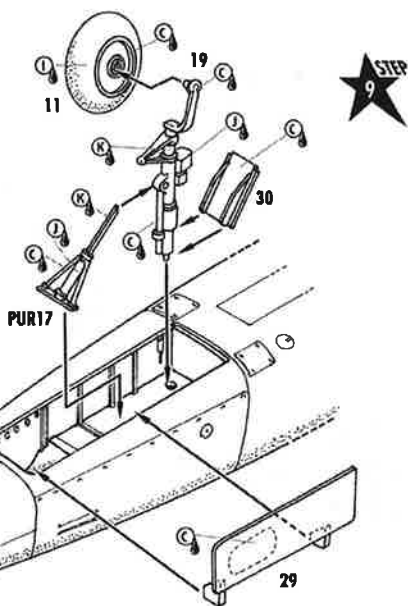
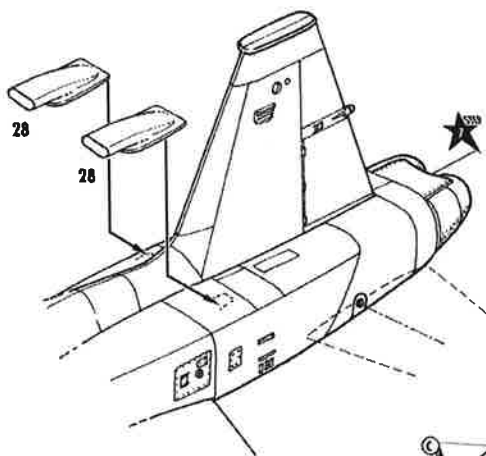
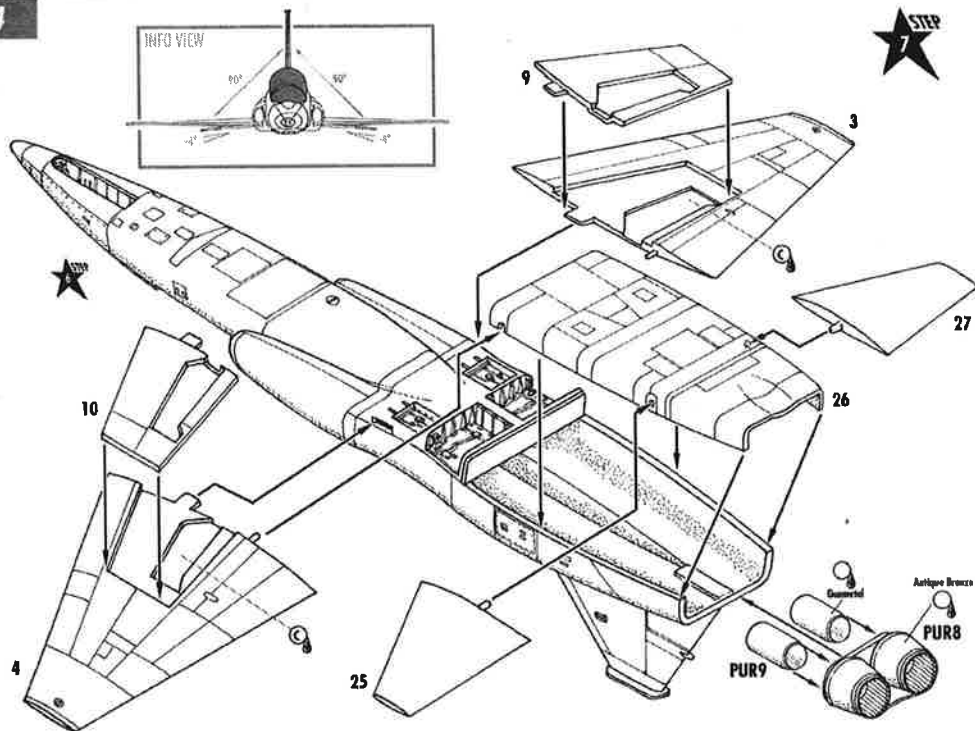


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INFO VIEW



STEP 7

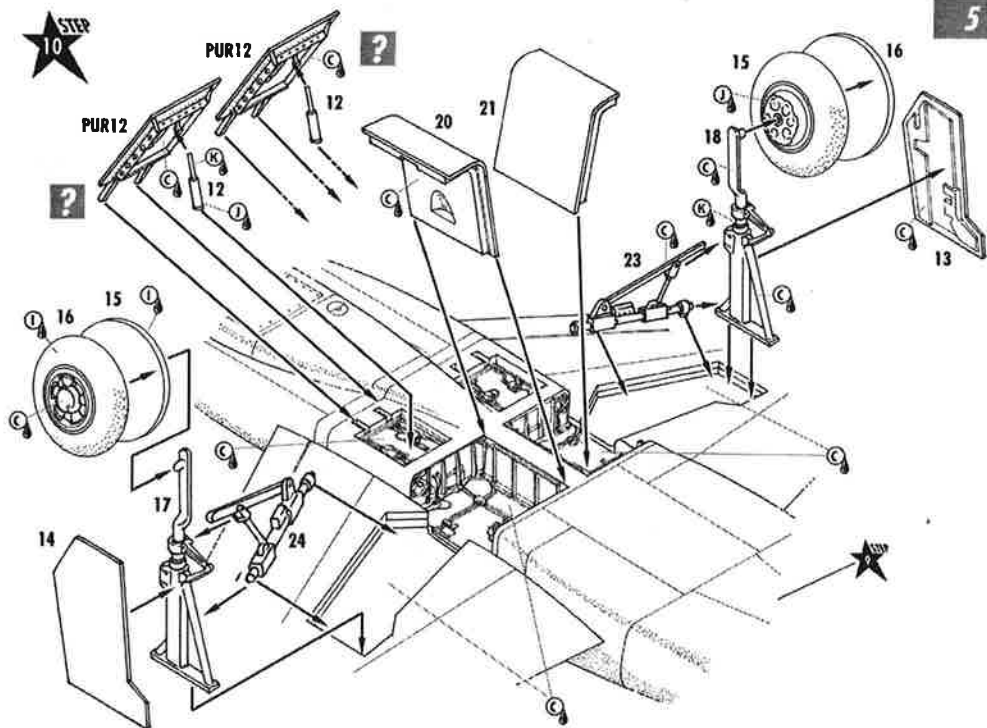


STEP 8

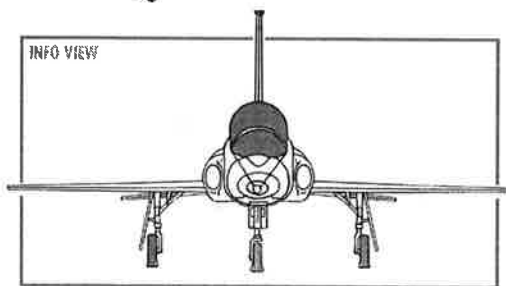
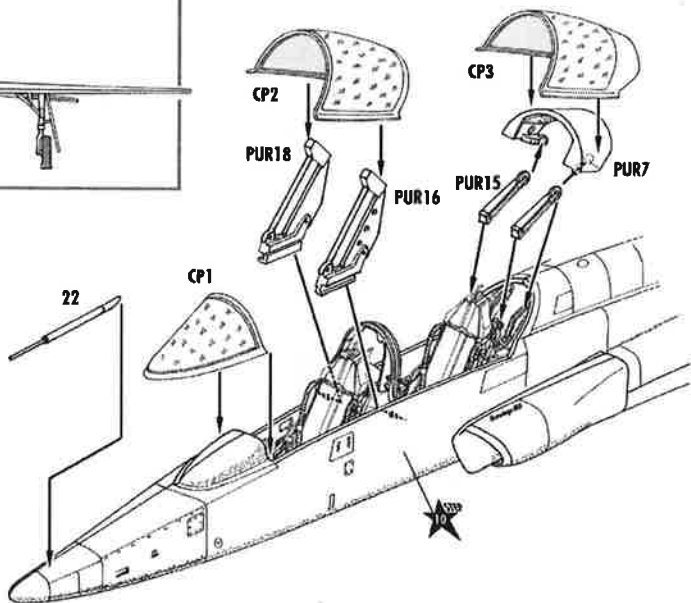
STEP 9

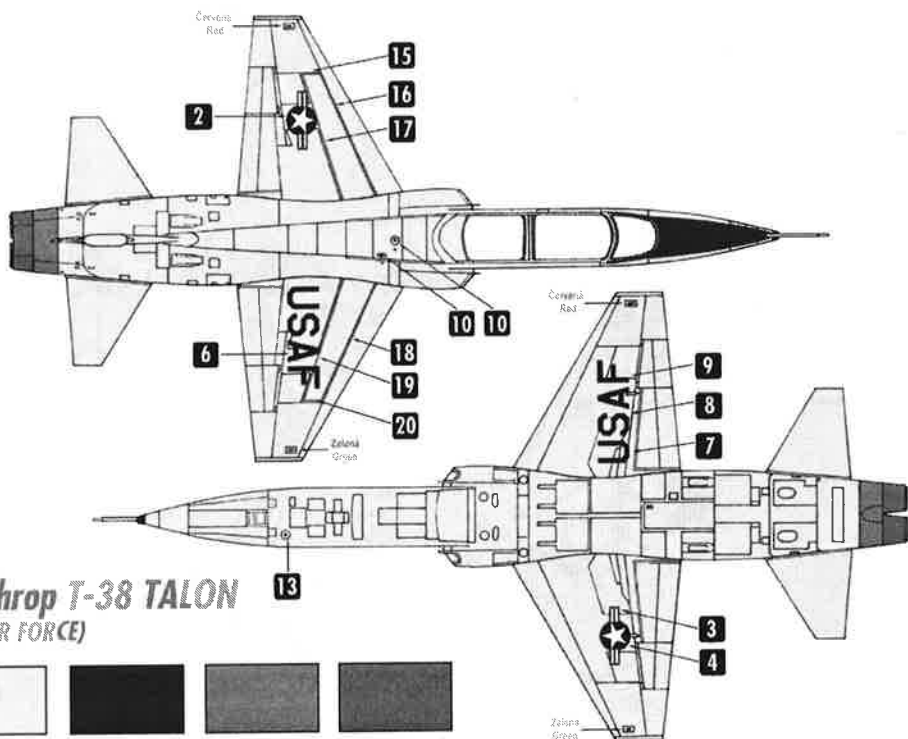
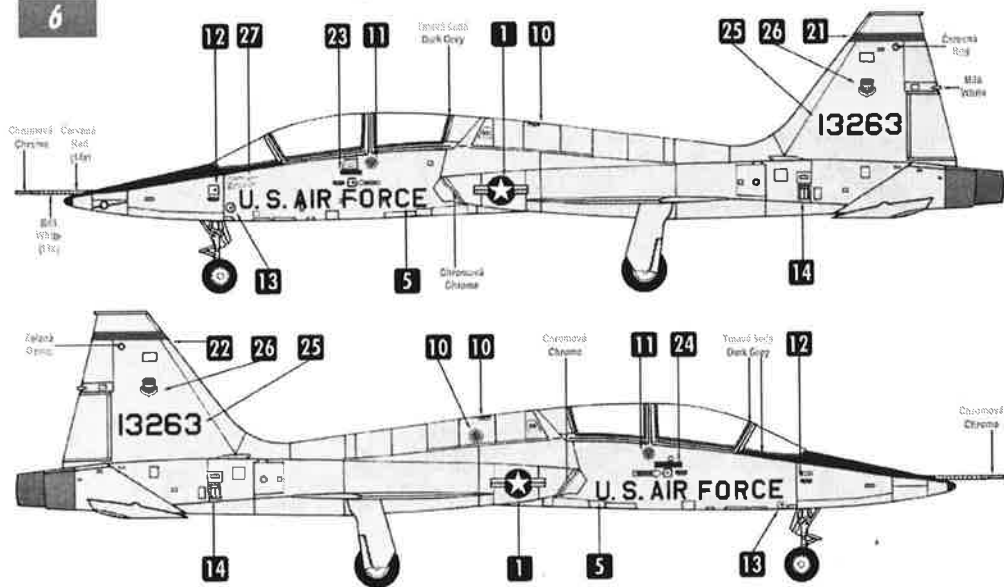


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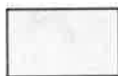


INFO VIEW

**STEP 11**



Northrop T-38 TALON (U.S. AIR FORCE)



Lesklá bílá
Gloss White



Matná černá
Matt Black



Ocelová
Steel



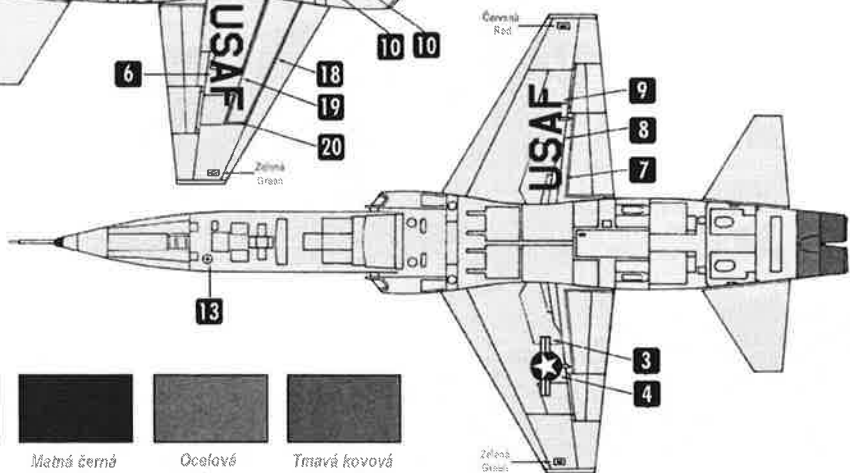
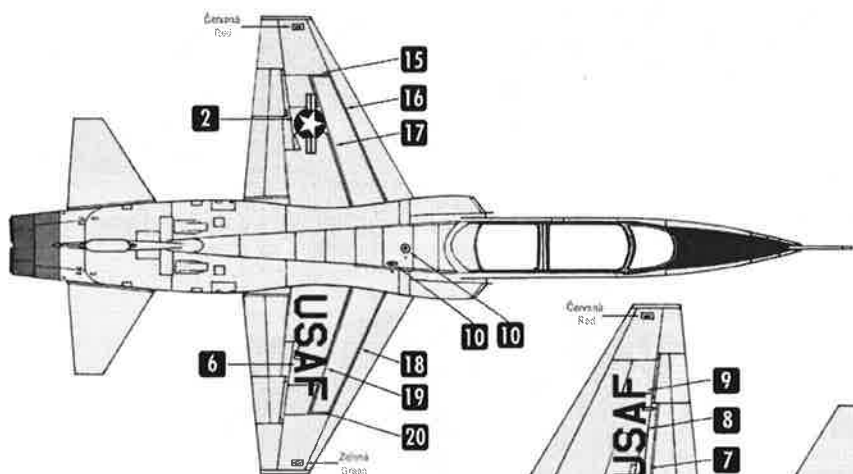
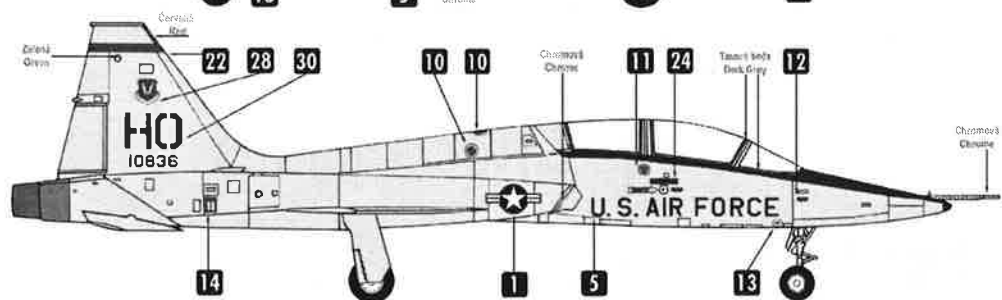
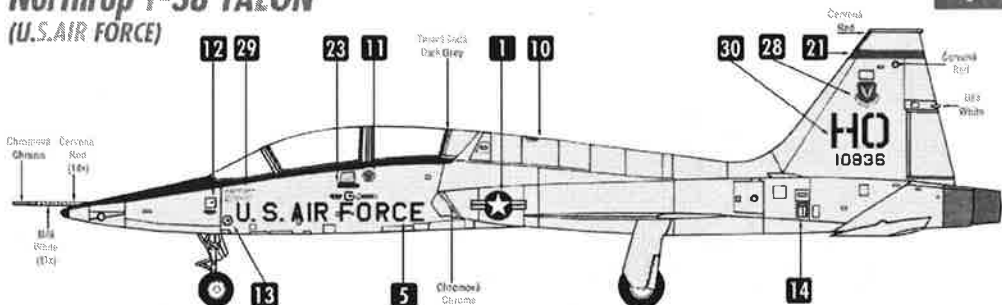
Tmavá kovová
Gunmetal

Zelena
Green

Northrop T-38 TALON

(U.S. AIR FORCE)

7



Lesklá bílá
Gloss White



Matná černá
Matt Black



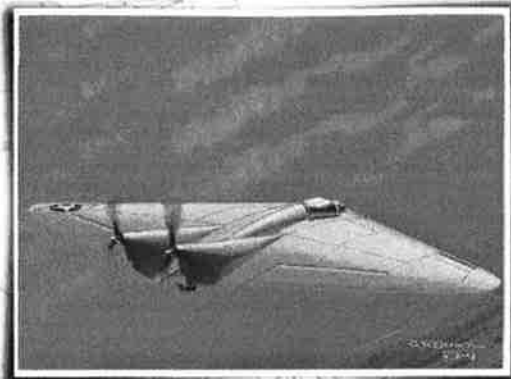
Ocelové
Steel



Tmavá kovová
Gunmetal



SW72019 Sikorsky S-43/JRS-1



SW48003 Northrop N-1M "Jeep"



SW48005SE G.M. FM-2 „Wildcat“



SW48006 V-173 „Flying pancake“

SW72011SE
Grumman G-21
„GOOSE“

