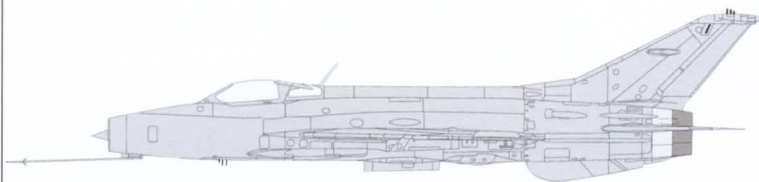
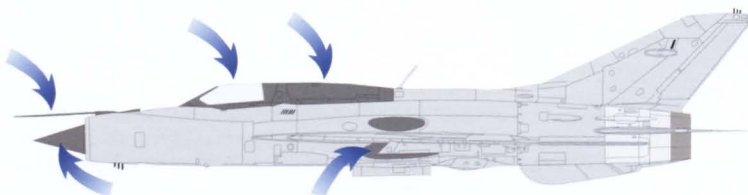
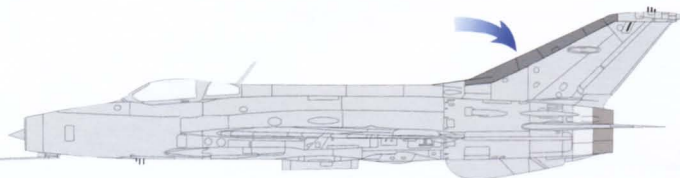


The main versions of the MiG-21



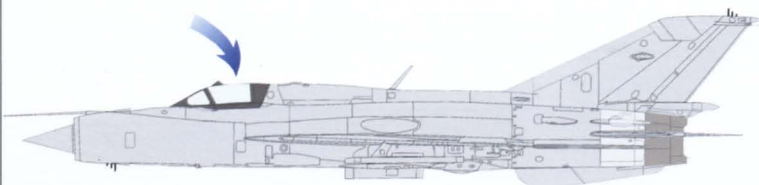
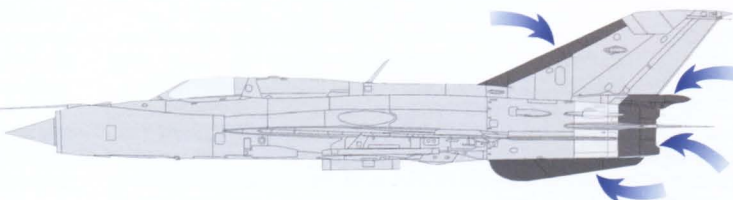
MiG-21F "Fishbed B", pre-production series machine, Tumansky R-11 turbojet, two 30-mm NR-30 cannon, telemetric interception radar.

MiG-21F-13 "Fishbed C". First generation and first production series machine, Tumansky R-11F turbojet rated at 8600 lb st (dry)/12680 lb st (w. reheat); thicker fin cord. Port NR-30 cannon deleted. Two underwing pylons for K-13 (AA-2 « Atoll ») missiles.



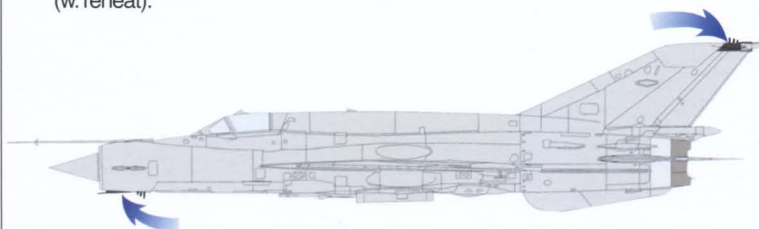
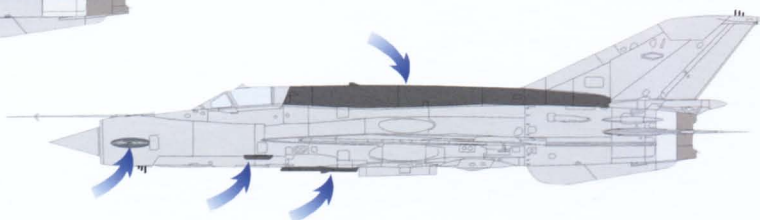
MiG-21PF "Fishbed D". Second generation, equipped with « Spin Scan-A » interception and search radar; wider air intake, forward opening cockpit canopy; front probe relocated. Larger main undercarriage wheels with different doors fitted with extra bulges. Modified dorsal spin with lateral window deleted. Tumansky R-11F2-300 turbojet rated at 8710 lb st (dry)/13490 lb st (w. reheat).

MiG-21PF-31 "Fishbed E", export version with thicker tail cord, new ventral fin, Tumansky R-11-300 turbojet rated at 13 640 lb st and parachute brake housing relocated at the base of the rudder.

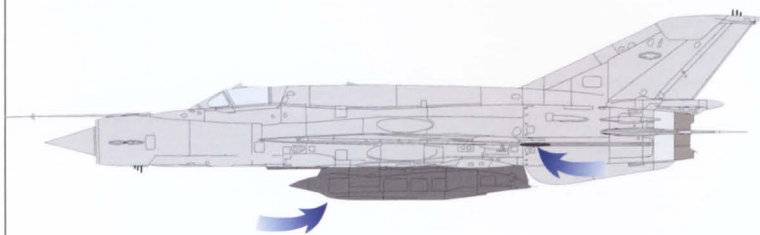


MiG-21PFM "Fishbed F". Three-piece canopy with conventional windshield and central section swinging over to the right, equipped with a mirror. New KM-1 ejectable seat.

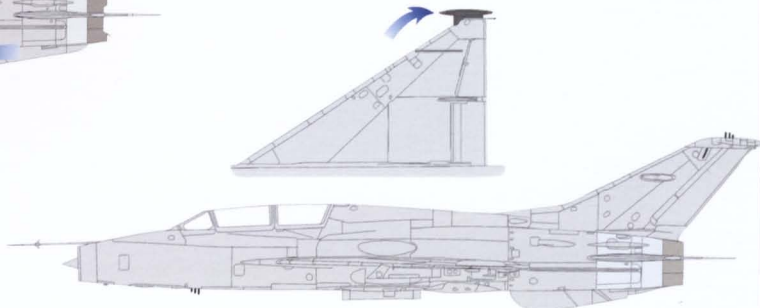
MiG-21MF "Fishbed J". Third generation. Larger dorsal fin, four underwing pylons, internal GSh-23L cannon with deflector, forward probe moved to the right; angle of attack (AOA) sensor situated at the front, Tumansky R-13-300 turbojet rated at 8970 lb st (dry)/14310 lb st (w. reheat).



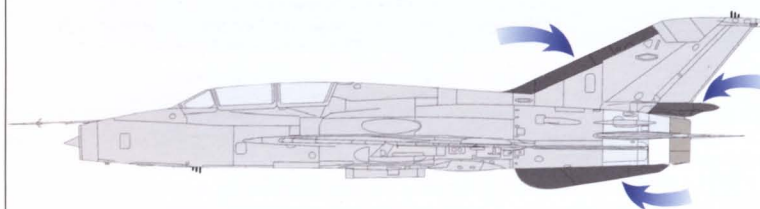
MiG-21bis "Fishbed L/N". Fourth generation. Tumansky R-25-300 turbojet rated at 9040 lb st (dry)/15650 lb st (w. reheat). The MiG-21bis-SAU, the last version of the MiG-21bis, was fitted with different avionics and « Polyot » ILS system antennae under the air intake and at the top of the tail.



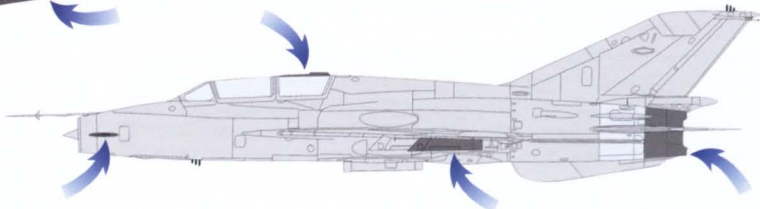
MiG-21R "Fishbed H". Reconnaissance version of the MiG-21PF equipped with a nacelle containing different types of equipment under the fuselage as well as electronic jamming systems in the wing tips. Exportation versions designated «MiG-21RF».



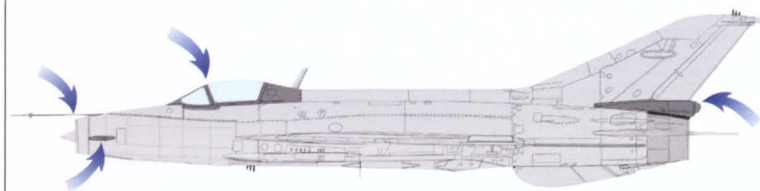
MiG-21U "Mongol A", first two-seat version based on the MiG-21F-13 without cannon and radar. Tumansky R-11F-300 turbojet.



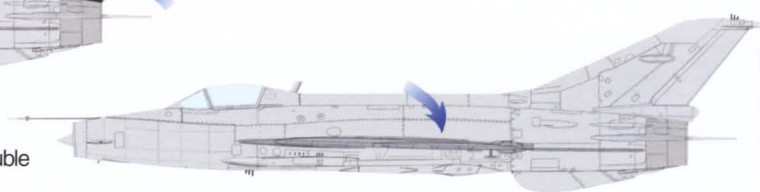
MiG-21UB "Mongol B". Larger tailfin cord and parachute brake relocated at the foot of the rudder, new ventral fin. Without search radar and cannon. Tumansky R-11F2S-300 turbojet.



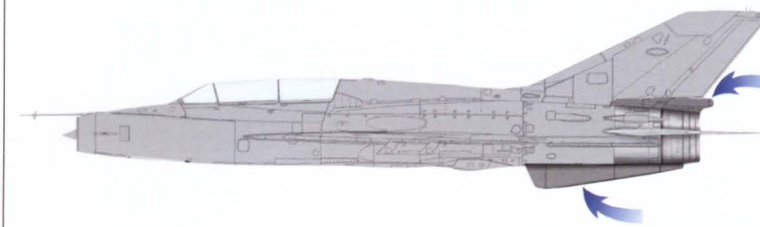
MiG-21UM "Mongol B". Last trainer version, similar to the previous one but angle of attack sensor at the front, retractable rear view mirror on the rear canopy and four underwing pylons.



Chengdu J-7IIA/F-7B. Chinese copy of the MiG-21F-13. New parachute fairing, angle of attack probe at the front, rearward opening canopy.



Chengdu J-7E. Upgraded version of the J-7IIA/F-7B equipped with Marconi Super Skyranger radar. New double delta wings.



Guizhou JJ-7. Two-seat version of the F-7M. Conventional wing.

J-7E Wing

