

Mikoyan Mig-21 "Fishbed" All-weather local Interceptor-Fighter Soviet Union and other Communist Bloc Nations

This is an all-weather local interceptor fighter which is the main force among the actively operated fighters in the Communist bloc nations. It is used as the latest model of the military aircraft not only in the Soviet Union but in other East European nations including Poland and Czechoslovakia, as well as Finland, Egypt, Cuba, Indonesia, India and Communist China. The licensed production of this model is carried on in Czechoslovakia, India and Communist China. For interception at a high altitude, rocket booster is made available as an auxiliary motive power. Thus, Mig-21 is particularly outstanding in climbing. It is comparable to its West European counterpart, F-104 "Star Fighter", but the Soviet fighter is superior in local interception and other actions at a high altitude. Mig-21 may be the best all around fighter in the world. A model called E-266 recorded 2,319,000 km/hour in a circling course of 1,000 km at an international jet plane speed race of FAI. This model is said to be an improvement over Mig-21. Having been used by the Soviet Air Force since 1959 for daytime interception. Model C of Mig-221 is produced on a large mass production basis. The main wings are of delta with a sweepback angle of 55 degrees combined with horizontal tail wings with sweepbacks. Such a wing composition, which is characteristic of the Soviet fighter, as well as the large dorsal and ventral fins may be the distinctive features of Mig-21, which is equipped with one or two 30mm machine guns and two air-to-air missiles of Atol infrared ray homing. Model D of new "Fishbed" is an all-weather aircraft which made its first appearance at an air show in Tushino in 1961. Its distinctive feature is a large radome at the

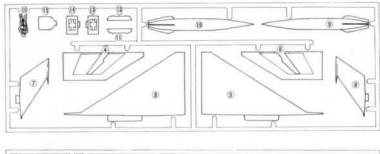
nose of the aircraft for expansion of the air intake at the nose and for increase of

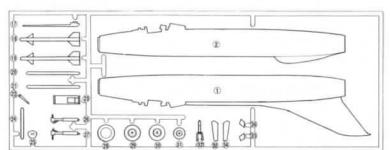
driving force. The new model is much improved in powers. A large twin-engined

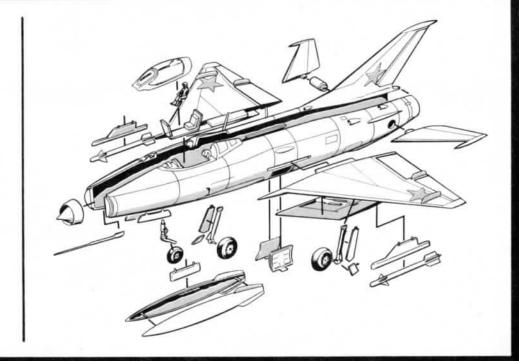
Mig-23 is already in production as a variation of Model D of "Fishbed"

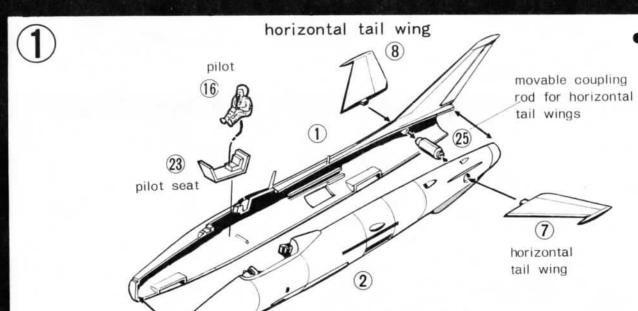
Reference illustration
Model "D" Mig-21 "Fishbed"

## Diagram of various parts.









Put in pilot (16), pilot seat (23), and movable coupling rod for horizontal wings(25) when body (1) (2) is built up. Cement (16), (23), (1) and (2). Do not cement (25) but just put in

