

# DCS MiG-25P

# Operating

# Manual

by  
Immortality

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\*Not Intended for use with real aircraft.\*

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## Mod Installation

To install the mod ensure you have the folders “Mods/aircraft/” in your “C:\Users\yourname\Saved Games\DCS.openbeta” or DCS. Make sure the “aircraft” folder is lowercase. Now unzip the download of the mod into the “aircraft” folder and you're good to go.



*Viktor Belenko's MiG-25P after defection to Japan in 1976.*

## About the MiG-25

The MiG-25 is one of the most recognizable and iconic aircraft from the Cold War. The Mikoyan Design Bureau began working on this supersonic interceptor and reconnaissance aircraft in 1959.

## The P Variant

The P variant was the first introduced interceptor variant of the MiG-25. It was equipped with the RP-25 Smerch-A radar. It could carry 4 of R-40R or R-40T missiles. The R-40R, a semi-active radar guided missile, was capable of 60km ranges. The R-40T, an infrared-guided missile, also had similar performance. The typical strategy for interception was to fire a single R-40T followed by a R-40R so the infrared-guided missile wouldn't lock on to the other missile's motor. The aircraft was extremely fast and was limited to mach 2.83.

## Specifications and Limits (MiG-25P)

Description		
Design		Mikoyan-Gurevich
Type		MiG-25P
NATO code name		Foxbat-A
Task		Interceptor
First flight		9 September 1964
Production		13 April 1972
Crew		1
Dimensions & Weight		
Length, m		22,3
Overall height, m		5,14
Wing Span, m		14,02
Take-off weight, kg	with 4xPR-40	36720

	without missiles	34920
Internal fuel, kg		14570
<b>Power-plant</b>		
Engines		2 Turbojet R-15B-300
Thrust, kgf (kN)	max	7500 (73,5)
	in afterburner	10210 (100,1)
<b>Performance</b>		
Range, km		1250
Max. speed at altitude, km/h (M=)		3000 (2,83)
Practical ceiling, m		24300
Time to climb 19000 m, min		6,6
Max g-load		5
<b>Armament</b>		
Missiles AA	R-40R/R-40T	2 / 2
<b>Limits</b>		
Flaps up stall speed(km/h)		260
Full flaps stall speed(km/h)		222

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Full flaps stall speed(km/h)	222
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Flaps up stall speed(km/h)	260

## **The Cockpit**

Like many other Soviet aircraft, the MiG-25's cockpit is that bluish-green color.

## **How to Fly**

It is important that you remember what the MiG-25 was designed for in order to fly it. The aircraft was designed for high speed and altitude as an interceptor or for reconnaissance. It's ideal to keep as far away from enemy aircraft as possible because the MiG-25P is limited to four missiles max and isn't capable of carrying up to 4xR-60 short range IR missiles like the MiG-25PD. The aircraft isn't equipped with the optional right wing mounted KDS-155 chaff/flare dispenser like the later interceptor variants. This means you'll rely on speed and maneuvering if you spot missiles in an engagement because the aircraft does not have a radar warning receiver.

## **Weapons**

The MiG-25P only has two weapons that it can employ, the R-40R radar-guided and R-40T infrared-guided missiles. The aircraft does not have an internal gun/cannon.



*R-40T inboard pylon, R-40R on outboard pylon.*

## Sources

Here is a list of sources used for writing this user manual:

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2. [https://en.wikipedia.org/wiki/Mikoyan-Gurevich\\_MiG-25](https://en.wikipedia.org/wiki/Mikoyan-Gurevich_MiG-25)
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