

Shenyang JJ-2 and FT-2



The Shenyang JJ-2 was a trainer, a licensed copy of the MiG-15UTI.

Many Soviet-built MiG-15bis fighters served in the PLAAF under the designation J-2, but unlike the JJ-2 the J-2 was not manufactured in China.

Versions

JJ-2 and FT-2

The Shenyang JJ-2 was a licensed copy of the MiG-15UTI trainer. The MiG-15UTI in turn was essentially a MiG-15 with a second cockpit and reduced armament. The FT-2 was the export version of the JJ-2. The NATO reporting name is Midget.

It was used extensively by the PLAAF and PLAN.

Armament and Stores

It is conceivable that the JJ-2 used the same stores as the MiG-15, especially 250L FTs.

Combat

The PLAN used the JJ-2 to attempt to intercept ROCAF overflights around 1960.

ADCs

- Shenyang JJ-2
- Shenyang FT-2

See Also

- Mikoyan-Gurevich MiG-15

Photo Credit

- MiG-15UTI: wallycacsabre (CC-BY-2.0)

Shenyang JJ-2										Crew: Pilot and Observer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.5															
VR				0.5															
Power APs/DPs/FPs: ○										Turn DPs:									
CL		1/2		DT		Fuel		CL		1/2		DT							
AB		—		—		—		TT		0.0		1.0							
M		1.5		1.0		1.0		HT		1.0		1.0							
N		0.0		0.0		0.0		BT		2.0		3.0							
I		0.5		0.5		0.5		ET		—		—							
SPBR		0.5		0.5		1.0													
					Cruise Speed: 5.0 Restr. Arcs: —														
					Climb Speed: 3.5 Blind Arcs: 30–														
					Visibility: 4 Internal Fuel: 100														
					Size: +1 AtA Refuel: No														
					Vulnerability: +1 Ejection Seat: Early														
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.			
Band Ceil.		51		48		44		Speed		AB Oth		AB Oth		AB Oth		Band			
EH+		46+		3.0 – 5.5		3.0 – 5.0		—		6.0		— 0.5		— 0.5		EH+			
VH		36–45		2.5 – 6.0		2.5 – 5.0		2.5 – 5.0		6.0		— 1.0		— 0.5		VH			
HI		26–35		2.0 – 6.0		2.0 – 5.5		2.5 – 5.0		6.5		— 1.0		— 1.0		HI			
MH		17–25		1.5 – 6.0		2.0 – 5.5		2.0 – 5.0		6.5		— 1.5		— 1.0		MH			
ML		8–16		1.5 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.0		ML			
LO		0–7		1.0 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.5		LO			
Radar: —					ECM:					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: One 12.7 mm A-12.7					Technology:					Load Point Limits: CL : 0–1									
To Hit: 3/1/–					None					1/2: 2–4									
Ammunition: 3.0										Weight Limit: 1,600 DT : 5+									
Gunsight: TT+0/HT+2/BT+3										Station Limit Allowed Loads									
Ranging: —										1 and 2 550 BB RK RP FT									
AtA/AtG: 1/1**										Load Notes:									
Bomb System: Manual										1. May use 250L, 300L, 400L, or 600L FTs. The larger tanks can be carried as an exception to the normal rules for load limits, but the turn rate is limited to HT if 300L or 400L tanks are used and to TT if 600L tanks are used.									
Notes:																			
1. The Shenyang JJ-2 is a two-seat training aircraft. It is licensed version of the MiG-15UTI. The NATO reporting name for the aircraft is Midget.																			
2. High transonic drag (HTD). Low roll rate (LRR) if speed ≥ 5.0.																			
3. Hit rolls at high transonic speed or greater have a +1 modifier to the hit roll due to instability generated by the conventional horizontal stabilizers and elevators.																			
VPs: 7/5/2/1										v1 0000000 0000-00-00T00:00:00									

Shenyang FT-2										Crew: Pilot and Observer							
										Maneuver HFPs/DPs:							
LR/DR		1.0		1.5													
VR				0.5													
Power APs/DPs/FPs: ○										Turn DPs:							
CL		1/2		DT		Fuel		CL		1/2		DT					
AB		—		—		—		TT		0.0		1.0					
M		1.5		1.0		1.0		HT		1.0		1.0					
N		0.0		0.0		0.0		BT		2.0		3.0					
I		0.5		0.5		0.5		ET		—		—					
SPBR		0.5		0.5		1.0											
					Cruise Speed: 5.0 Restr. Arcs: —												
					Climb Speed: 3.5 Blind Arcs: 30–												
					Visibility: 4 Internal Fuel: 100												
					Size: +1 AtA Refuel: No												
					Vulnerability: +1 Ejection Seat: Early												
Speeds and Ceilings						Climb Capabilities											
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		Alt.	
Band Ceil.		51		48		44		Speed		AB Oth		AB Oth		AB Oth		Band	
EH+		46+		3.0 – 5.5		3.0 – 5.0		—		6.0		— 0.5		— 0.5		— —	
VH		36–45		2.5 – 6.0		2.5 – 5.0		2.5 – 5.0		6.0		— 1.0		— 0.5		— 0.5	
HI		26–35		2.0 – 6.0		2.0 – 5.5		2.5 – 5.0		6.5		— 1.0		— 1.0		— 0.5	
MH		17–25		1.5 – 6.0		2.0 – 5.5		2.0 – 5.0		6.5		— 1.5		— 1.0		— 1.0	
ML		8–16		1.5 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.0		— 1.0	
LO		0–7		1.0 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.5		— 1.0	
Radar: —					ECM:					Weapon Stations Diagram:							
ECCM: —					RWR: —												
Arcs: —					DDS: —												
Search: —					DJM: —												
Track: —					AJM: —												
Lock-On: —					BJM: —												
Guns: One 12.7 mm A-12.7					Technology:					Load Point Limits:							
To Hit: 3/1/–					None					CL : 0–1							
Ammunition: 3.0										1/2: 2–4							
Gunsight: TT+0/HT+2/BT+3										Weight Limit: 1,600							
Ranging: —										DT : 5+							
AtA/AtG: 1/1**										Station Limit Allowed Loads							
Bomb System: Manual										1 and 2 550 BB RK RP FT							
Notes:										Load Notes:							
1. The Shenyang FT-2 is a two-seat training aircraft. It is the export version of the Shenyang JJ-2 and is a licensed version of the MiG-15UTI. The NATO reporting name for the aircraft is Midget.										1. May use 250L, 300L, 400L, or 600L FTs. The larger tanks can be carried as an exception to the normal rules for load limits, but the turn rate is limited to HT if 300L or 400L tanks are used and to TT if 600L tanks are used.							
2. High transonic drag (HTD). Low roll rate (LRR) if speed ≥ 5.0.																	
3. Hit rolls at high transonic speed or greater have a +1 modifier to the hit roll due to instability generated by the conventional horizontal stabilizers and elevators.																	
										VPs: 7/5/2/1							
										v1 0000000 0000-00-00T00:00:00							