

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 DPs:																			
LR/DR		2.0																											
VR		1.0																											
Turn DPs:																													
					CL		1/2		DT																				
					TT		0.5		1.0		1.0																		
					HT		1.0		1.0		1.0																		
					BT		1.5		2.0		2.0																		
					ET		—		—		—																		
Power APs/DPs: ○					Cruise Spd. CL: 5.0					Restr. Arcs: —																			
					Climb Spd.: 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. Band		Conf. Ceil.		CL 51		1/2 48		DT 44		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth													
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		— 0.5		VH											
HI		26–35		2.0 – 6.0		2.0 – 5.5		2.5 – 5.0		6.5		— 1.0		— 1.0		— 0.5		HI											
MH		17–25		1.5 – 6.0		2.0 – 5.5		2.0 – 5.0		6.5		— 1.5		— 1.0		— 1.0		MH											
ML		8–16		1.5 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.0		— 1.0		ML											
LO		0–7		1.0 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.5		— 1.0		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:														
To Hit:					3/1/–					None					CL : < 2														
Ammunition:					3.0										1/2: < 5														
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:																													
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										v3 0000000 0000-00-00T00:00:00																			

Shenyang FT-2										Crew: Pilot and Observer																			
										Maneuver DPs:																			
LR/DR		2.0																											
VR		1.0																											
Power APs/DPs: ○										Turn DPs:																			
CL		1/2		DT		Fuel		CL		1/2		DT																	
AB		—		—		—		TT		0.5		1.0		1.0															
M		1.5		1.0		1.0		HT		1.0		1.0		1.0															
N		0.0		0.0		0.0		BT		1.5		2.0		2.0															
I		1.0		1.0		1.0		ET		—		—		—															
SPBR		1.0		1.0		2.0																							
					Cruise Spd. CL: 5.0 Restr. Arcs: —																								
					Climb Spd.: 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													
Band		Ceil.		51		48		44		Speed		AB Oth		AB Oth		AB Oth													
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		— 0.5		VH											
HI		26–35		2.0 – 6.0		2.0 – 5.5		2.5 – 5.0		6.5		— 1.0		— 1.0		— 0.5		HI											
MH		17–25		1.5 – 6.0		2.0 – 5.5		2.0 – 5.0		6.5		— 1.5		— 1.0		— 1.0		MH											
ML		8–16		1.5 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.0		— 1.0		ML											
LO		0–7		1.0 – 6.5		1.5 – 6.0		1.5 – 5.5		7.0		— 1.5		— 1.5		— 1.0		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:														
To Hit:					3/1/–					None					CL : < 2														
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Gunsight:					TT+0/HT+2/BT+3										Weight Limit: 1,600														
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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															v3 0000000 0000-00-00T00:00:00														