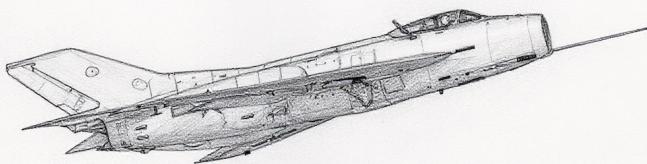


Shenyang J-6 and F-6



The Shenyang J-6 was a day fighter, interceptor, and trainer. It was derived from the MiG-19.

Versions

J-6 and F-6

The J-6 was a day fighter similar to the MiG-19S. It was manufactured starting in 1961 and continued at least into the 1980s. The F-6 was the export version.

The J-6 was a mainstay of the PLAAF and PLAN until replaced by more modern types in the late 1990s. The F-6 was exported to Albania, Bangladesh, Cambodia, Egypt, Iran, Iraq, Myanmar, North Korea, Pakistan, Sudan, Somalia, Tanzania, Vietnam, and Zambia.

The F-6 was used by the Pakistan Air Force from 1965 to 2002, and was modified with a more modern ejector seat, two additional weapon stations wired to carry AIM-9 IRMs, and the ability to carry a special ventral fuel tank.

J-6A

The J-6A was an interceptor similar to the MiG-19P. It was manufactured starting in 1958. From 1975, it could be equipped with PL-2 IRMs.

The J-6A served with the PLAAF.

J-6B

The J-6B was a missile-armed interceptor similar to the MiG-19PM and equipped with PL-1 BRMs.

The J-6B served with the PLAAF.

J-6C and F-6C

The J-6C was a later version of the J-6, with the brake parachute moved to a fairing at the base of the rudder and other minor changes. The F-6C was the export version.

The J-6C served with the PLAAF. The F-6C was exported to Somalia, Sudan, and Tanzania.

JJ-6 and FT-6

The Shenyang JJ-6 was a trainer. It was a modified version of the Shenyang J-6, with a second cockpit and only one cannon. The FT-6 was the export version.

The JJ-6 was used by the PLAAF. The FT-6 was used by Albania, Egypt, Pakistan, Somalia, Sudan, Tanzania, and Zambia.

Armament and Stores

The two internal 30 mm cannons were the primary air-to-air weapons in the early years. In later years, these were supplemented by PL-2 IRMs in the J-6A and PL-1 BRMs in the J-6B. F-6s in the Pakistan Air Force also carried AIM-9 IRMs.

For air-to-ground missions, typical loads would be 500 lb or 250 kg bombs and ORO-57 rocket pods.

Given the short endurance on internal fuel, 760L fuel tanks were carried on almost all missions.

Combat

Chinese PLAAF J-6s shot down a USAF F-104C that had strayed over Hainan Island in 1965. PLAAF J-6s engaged ROCAF F-104Gs during the 1967 Taiwan Strait Conflict.

The F-6 saw combat with the Pakistan Air Force in the 1971 Indo-Pakistan War, with the VPAF from 1969 until the fall of South Vietnam in 1975, with the Tanzanian Air Force in the 1978-1979 Uganda-Tanzania War, with both sides in the Iran-Iraq War, with the Somali Air Force in border skirmishes with Ethiopia in 1981 and later during the Somali Rebellion, and with the Sudanese Air Force in the Second Sudanese Civil War in the 1980s and early 1990s.

ADCs

- Shenyang J-6
- Shenyang F-6
- Shenyang F-6 (PAF)
- Shenyang J-6A
- Shenyang J-6B
- Shenyang J-6C
- Shenyang F-6C
- Shenyang JJ-6
- Shenyang FT-6

See Also

- Mikoyan-Gurevich MiG-19

Photo Credit

- J-6: Alert5 (CC BY-SA 4.0)

Shenyang J-6					Crew: Pilot																		
					Maneuver DPs:																		
Power APs/DPs: ○○					LR/DR 1.5 VR 1.0																		
CL 1/2 DT Fuel					Turn DPs:																		
AB	3.5	3.0	2.5	5.0	CL 1/2 DT																		
M	2.5	2.0	2.0	2.0	TT 1.0 1.0 1.0																		
N	0.0	0.0	0.0	1.0	HT 1.5 1.5 1.5																		
I	1.0	1.0	1.0	0.0	BT 2.0 2.0 2.0																		
SPBR	1.0	2.0	2.0	—	ET 2.0 2.5 —																		
					Cruise Spd. CL: 5.5 Restr. Arcs: 60–																		
					Climb Spd.: 4.5 Blind Arcs: 30–																		
					Visibility: 5 Internal Fuel: 180																		
					Size: +0 AtA Refuel: No																		
					Vulnerability: +1 Ejection Seat: Early																		
Speeds and Ceilings																							
Alt. Band	Conf. Ceil.	CL 58	1/2 53	DT 48	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth															
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	EH+														
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	VH														
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0 0.5	1.0 0.5	1.0 0.5	HI														
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0 1.0	2.0 1.0	1.0 0.5	MH														
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0 2.0	3.0 1.0	2.0 1.0	ML														
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0 2.0	4.0 1.0	3.0 1.0	LO														
Radar: —				ECM: IFF	Weapon Stations Diagram:																		
ECCM: —				RWR: A																			
Arcs: —				DDS: —																			
Search: —				DJM: —																			
Track: —				AJM: —																			
Lock-On: —				BJM: —																			
Guns: Three 30 mm NR-30				Technology:				Load Point Limits:															
To Hit:	6/3/2	None				CL : < 3 1/2: < 7																	
Ammunition:	2.5					Weight Limit: 3,900					DT : ≥ 7												
Gunsight:	TT+0/HT+2/BT+3					Station Limit Allowed Loads																	
Ranging:	—					1 and 4 1,400 FT																	
AtA/AtG:	6/9					2 and 3 550 BB RP RK DR																	
Bomb System: Manual				Load Notes:				1. May use 760L FTs on stations 1 and 4. 2. May use ORO-57K RPs or DRs each with two ORO-57K RPs on stations 2 and 3.															
Notes:																							
1. The Shenyang J-6 is a day fighter. It is licensed version of the MiG-19S. The NATO reporting name for the aircraft is Farmer-C. 2. If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.																							
VPs: 16/11/5/3										v3 0000000 0000-00-00T00:00:00													

Shenyang F-6								Crew: Pilot		
								Maneuver DPs:		
								LR/DR	1.5	
								VR	1.0	
Power APs/DPs:								Turn DPs:		
○○								CL	1/2	DT
AB	3.5	3.0	2.5	5.0				TT	1.0	1.0
M	2.5	2.0	2.0	2.0				HT	1.5	1.5
N	0.0	0.0	0.0	1.0				BT	2.0	2.0
I	1.0	1.0	1.0	0.0	Cruise Spd. CL: 5.5			ET	2.0	2.5
SPBR	1.0	2.0	2.0	—	Restr. Arcs: 60–					—
					Climb Spd.: 4.5					
					Blind Arcs: 30–					
					Visibility: 5					
					Internal Fuel: 180					
					Size: +0			AtA Refuel:	No	
					Vulnerability: +1			Ejection Seat:	Early	

Speeds and Ceilings						Climb Capabilities					
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL	1/2	DT			
Band	Ceil.	58	53	48		AB	Oth	AB	Oth	AB	Oth
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0	0.5	1.0	0.5	1.0	0.5
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0	1.0	2.0	1.0	1.0	0.5
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0	2.0	3.0	1.0	2.0	1.0
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0	2.0	4.0	1.0	3.0	1.0

Radar:	—	ECM:	IFF	Weapon Stations Diagram:
ECCM:	—	RWR:	A	
Arcs:	—	DDS:	—	
Search:	—	DJM:	—	
Track:	—	AJM:	—	
Lock-On:	—	BJM:	—	
Guns:	Three 30 mm NR-30	Technology:		Load Point Limits:
To Hit:	6/3/2	None		CL : < 3 1/2: < 7
Ammunition:	2.5			Weight Limit: 3,900 DT : ≥ 7
Gunsight:	TT+0/HT+2/BT+3			
Ranging:	—			Station
AtA/AtG:	6/9			Limit
Bomb System:	Manual			Allowed Loads
Notes:				1 and 4 1,400 FT 2 and 3 550 BB RP RK DR
1.	The Shenyang F-6 is a day fighter. It is the export version of the Shenyang J-6 and a licensed version of the MiG-19S. The NATO reporting name for the aircraft is Farmer-C.			Load Notes:
2.	If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.			1. May use 760L FTs on stations 1 and 4. 2. May use ORO-57K RPs or DRs each with two ORO-57K RPs on stations 2 and 3.
VPs: 16/11/5/3				v3.0000000 0000-00-00T00:00:00

Shenyang F-6 (PAF)					Crew: Pilot
Power APs/DPs: ○○					Maneuver DPs:
CL 1/2 DT Fuel					LR/DR 1.5
AB 3.5 3.0 2.5 5.0					VR 1.0
M 2.5 2.0 2.0 2.0					
N 0.0 0.0 0.0 1.0					
I 1.0 1.0 1.0 0.0					
SPBR 1.0 2.0 2.0 —					
Cruise Spd. CL: 5.5 Restr. Arcs: 60–					
Climb Spd.: 4.5 Blind Arcs: 30–					
Visibility: 5 Internal Fuel: 180					
Size: +0 AtA Refuel: No					
Vulnerability: +1 Ejection Seat: Std					

Speeds and Ceilings						Climb Capabilities					
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL	1/2	DT			
Band	Ceil.	58	53	48	AB Oth	AB Oth	AB Oth	AB Oth			
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5			EH+
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5			VH
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0 0.5	1.0 0.5	1.0 0.5			HI
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0 1.0	2.0 1.0	1.0 0.5			MH
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0 2.0	3.0 1.0	2.0 1.0			ML
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0 2.0	4.0 1.0	3.0 1.0			LO

Radar: —	ECM: IFF	Weapon Stations Diagram:
ECCM: —	RWR: A	
Arcs: —	DDS: —	
Search: —	DJM: —	
Track: —	AJM: —	
Lock-On: —	BJM: —	
Guns: Three 30 mm NR-30	Technology:	Load Point Limits: CL : < 3 1/2: < 7
To Hit: 6/3/2	None	Weight Limit: 3,900 DT : ≥ 7
Ammunition: 2.5		Station Limit Allowed Loads
Gunsight: TT+0/HT+2/BT+3		1 and 7 200 IRM
Ranging: —		2 and 6 1,400 BB RP RK FT
AtA/AtG: 6/9		3 and 5 550 BB RP RK
Bomb System: Manual		4 1,400 FT
Notes:	Load Notes:	
1. The Shenyang F-6 is a day fighter. It is the export version of the Shenyang J-6 and a licensed version of the MiG-19S. The “PAF” version is modified with two additional stations for AIM-9 IRMs, a ventral fuel tank, and an improved ejection seat. The NATO reporting name for the aircraft is Farmer-C. 2. If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.	1. May use AIM-9 IRMs on stations 1 and 7. 2. May use 760L FTs on stations 2 and 6. 3. May use SNEB 68 mm RPs on stations 3 and 5. 4. May only use a special ventral conformal 750L FT on station 4. The fuel tank has a full weight of 1400, a load of 3.0/2.0, and a capacity of 65 fuel points.	
	VPs: 16/11/5/3	
	v3 0000000 0000-00-00T00:00:00	

Shenyang J-6A					Crew: Pilot				
					Maneuver DPs:				
					LR/DR	1.5			
					VR	1.0			
					Turn DPs:				
					CL	1/2	DT		
					TT	1.0	1.0	1.0	
					HT	1.5	1.5	1.5	
					BT	2.0	2.0	2.0	
					ET	2.0	2.5	—	

Shenyang J-6B										Crew: Pilot							
					Maneuver DPs:					LR/DR 1.5 VR 1.0							
Power APs/DPs: ○○					Turn DPs:					CL 1/2 DT TT 1.0 1.0 1.0 HT 1.5 1.5 1.5 BT 2.0 2.0 2.0 ET 2.0 2.5 —							
CL 1/2 DT Fuel																	
AB	3.5	3.0	2.5	5.0	Cruise Spd. CL: 5.5 Restr. Arcs: 60–												
M	2.5	2.0	2.0	2.0	Climb Spd.: 4.5 Blind Arcs: 30–												
N	0.0	0.0	0.0	1.0	Visibility: 5 Internal Fuel: 180												
I	1.0	1.0	1.0	0.0	Size: +0 AtA Refuel: No												
SPBR	1.0	2.0	2.0	—	Vulnerability: +1 Ejection Seat: Early												
Speeds and Ceilings						Climb Capabilities											
Alt. Band	Conf. Ceil.	CL	1/2	DT	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth									
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	EH+								
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	VH								
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0 0.5	1.0 0.5	1.0 0.5	HI								
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0 1.0	2.0 1.0	1.0 0.5	MH								
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0 2.0	3.0 1.0	2.0 1.0	ML								
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0 2.0	4.0 1.0	3.0 1.0	LO								
Radar: RP-1 Izumrud			ECM:	IFF	Weapon Stations Diagram:												
ECCM:	0		RWR:	A													
Arcs:	Limited		DDS:	—													
Search:	18–6		DJM:	—													
Track:	6–6		AJM:	—													
Lock-On:	7		BJM:	—													
Guns: —			Technology:		Load Point Limits:					CL : < 3 1/2: < 7							
To Hit:	—		None		Weight Limit: 3,900					DT : ≥ 7							
Ammunition:	—				Station Limit Allowed Loads												
Gunsight:	TT+0/HT+2/BT+3		1 and 6 1,400 FT		2–3 and 4–5 200 BRM RHM												
Ranging:	RE				Load Notes:												
AtA/AtG:	—		1. May use 760L FTs on stations 1 and 6. 2. May use PL-1 BRMs.														
Bomb System: Manual																	
Notes:																	
1. The Shenyang J-6B is an interceptor. It is derived from the MiG-19PM. The NATO reporting name for the aircraft is Farmer-E and for the radar is Scan Odd. 2. If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.																	
VPs: 16/11/5/3								v3 0000000 0000-00-00T00:00:00									

Shenyang J-6C								Crew: Pilot											
Power APs/DPs: ○○								Maneuver DPs:											
CL 1/2 DT Fuel								LR/DR 1.5											
AB 3.5 3.0 2.5 5.0								VR 1.0											
M 2.5 2.0 2.0 2.0								Turn DPs:											
N 0.0 0.0 0.0 1.0				Cruise Spd. CL: 5.5 Restr. Arcs: 60-				CL 1/2 DT											
I 1.0 1.0 1.0 0.0				Climb Spd.: 4.5 Blind Arcs: 30-				TT 1.0 1.0 1.0											
SPBR 1.0 2.0 2.0 —				Visibility: 5 Internal Fuel: 180				HT 1.5 1.5 1.5											
				Size: +0 AtA Refuel: No				BT 2.0 2.0 2.0											
				Vulnerability: +1 Ejection Seat: Early				ET 2.0 2.5 —											
Speeds and Ceilings																			
Alt. Band	Conf. Ceil.	CL 58	1/2 53	DT 48	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth											
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5			EH+								
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5			VH								
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0 0.5	1.0 0.5	1.0 0.5			HI								
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0 1.0	2.0 1.0	1.0 0.5			MH								
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0 2.0	3.0 1.0	2.0 1.0			ML								
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0 2.0	4.0 1.0	3.0 1.0			LO								
Radar: —				ECM: IFF				Weapon Stations Diagram:											
ECCM: —				RWR: A															
Arcs: —				DDS: —															
Search: —				DJM: —															
Track: —				AJM: —															
Lock-On: —				BJM: —															
Guns: Three 30 mm NR-30				Technology:				Load Point Limits:											
To Hit: 6/3/2				None				CL : < 3											
Ammunition: 2.5								1/2: < 7											
Gunsight: TT+0/HT+2/BT+3								Weight Limit: 3,900											
Ranging: —								DT : ≥ 7											
AtA/AtG: 6/9								Station											
Bomb System: Manual								Limit											
Notes:																			
1. The Shenyang J-6C is a day fighter. It is a slightly modified version of the Shenyang J-6. The NATO reporting name for the aircraft is Farmer-C.																			
2. If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.																			

Shenyang F-6C					Crew: Pilot																						
					Maneuver DPs:																						
Power APs/DPs: ○○					LR/DR 1.5 VR 1.0																						
CL 1/2 DT Fuel					Turn DPs:																						
AB	3.5	3.0	2.5	5.0	CL 1/2 DT																						
M	2.5	2.0	2.0	2.0	TT 1.0 1.0 1.0																						
N	0.0	0.0	0.0	1.0	HT 1.5 1.5 1.5																						
I	1.0	1.0	1.0	0.0	BT 2.0 2.0 2.0																						
SPBR	1.0	2.0	2.0	—	ET 2.0 2.5 —																						
					Cruise Spd. CL: 5.5 Restr. Arcs: 60–																						
					Climb Spd.: 4.5 Blind Arcs: 30–																						
					Visibility: 5 Internal Fuel: 180																						
					Size: +0 AtA Refuel: No																						
					Vulnerability: +1 Ejection Seat: Early																						
Speeds and Ceilings																											
Alt. Band	Conf. Ceil.	CL 58	1/2 53	DT 48	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth																			
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	EH+																		
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0 0.5	1.0 0.5	1.0 0.5	VH																		
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0 0.5	1.0 0.5	1.0 0.5	HI																		
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0 1.0	2.0 1.0	1.0 0.5	MH																		
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0 2.0	3.0 1.0	2.0 1.0	ML																		
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0 2.0	4.0 1.0	3.0 1.0	LO																		
Radar: —				ECM: IFF	Weapon Stations Diagram:																						
ECCM: —				RWR: A																							
Arcs: —				DDS: —																							
Search: —				DJM: —																							
Track: —				AJM: —																							
Lock-On: —				BJM: —																							
Guns: Three 30 mm NR-30				Technology: None				Load Point Limits: CL : < 3 1/2: < 7																			
To Hit:	6/3/2					Weight Limit: 3,900 DT : ≥ 7																					
Ammunition:	2.5					Station	Limit	Allowed Loads																			
Gunsight:	TT+0/HT+2/BT+3					1 and 4	1,400	FT																			
Ranging:	—					2 and 3	550	BB RP RK DR																			
AtA/AtG:	6/9					Load Notes: 1. May use 760L FTs on stations 1 and 4. 2. May use ORO-57K RPs or DRs each with two ORO-57K RPs on stations 2 and 3.																					
Bomb System: Manual																											
Notes:																											
1. The Shenyang F-6C is a day fighter. It is the export version of the Shenyang J-6C and a licensed version of the MiG-19S. The NATO reporting name for the aircraft is Farmer-C. 2. If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.																											
VPs: 16/11/5/3										v3 0000000																	
										0000-00-00T00:00:00																	

Shenyang JJ-6								Crew: Pilot and Observer		
								Maneuver DPs:		
								LR/DR	1.5	
								VR	1.0	
Power APs/DPs:					○○			Turn DPs:		
	CL	1/2	DT	Fuel				CL	1/2	DT
AB	3.5	3.0	2.5	5.0				TT	1.0	1.0
M	2.5	2.0	2.0	2.0				HT	1.5	1.5
N	0.0	0.0	0.0	1.0				BT	2.0	2.0
I	1.0	1.0	1.0	0.0	Cruise Spd. CL: 5.5			ET	2.0	2.5
SPBR	1.0	2.0	2.0	—	Restr. Arcs: 60–					—
					Climb Spd.: 4.5					
					Blind Arcs: 30–					
					Visibility: 5					
					Internal Fuel: 180					
					Size: +0			AtA Refuel: No		
					Vulnerability: +1			Ejection Seat: Early		

Speeds and Ceilings						Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 58	1/2 53	DT 48	Dive Speed	CL AB	1/2 AB	DT AB		0.5 Oth	0.5 Oth
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0	0.5	1.0	0.5	1.0	0.5
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0	1.0	2.0	1.0	1.0	0.5
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0	2.0	3.0	1.0	2.0	1.0
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0	2.0	4.0	1.0	3.0	1.0

Shenyang FT-6								Crew: Pilot and Observer		
								Maneuver DPs:		
								LR/DR	1.5	
								VR	1.0	
Power APs/DPs:					○○			Turn DPs:		
	CL	1/2	DT	Fuel				CL	1/2	DT
AB	3.5	3.0	2.5	5.0				TT	1.0	1.0
M	2.5	2.0	2.0	2.0				HT	1.5	1.5
N	0.0	0.0	0.0	1.0				BT	2.0	2.0
I	1.0	1.0	1.0	0.0	Cruise Spd. CL: 5.5			ET	2.0	2.5
SPBR	1.0	2.0	2.0	—	Restr. Arcs: 60–					—
					Climb Spd.: 4.5					
					Blind Arcs: 30–					
					Visibility: 5					
					Internal Fuel: 180					
					Size: +0			AtA Refuel: No		
					Vulnerability: +1			Ejection Seat: Early		

Speeds and Ceilings						Climb Capabilities					
Alt. Band	Conf. Ceil.	CL 58	1/2 53	DT 48	Dive Speed	CL AB	1/2 AB	DT AB		0.5 Oth	0.5 Oth
EH+	46+	3.5 – 8.0	4.0 – 7.5	4.5 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
VH	36–45	3.0 – 8.5	3.5 – 8.0	4.0 – 7.0	10.0	1.0	0.5	1.0	0.5	1.0	0.5
HI	26–35	3.0 – 9.0	3.0 – 8.0	3.0 – 7.5	10.0	2.0	0.5	1.0	0.5	1.0	0.5
MH	17–25	2.5 – 8.5	3.0 – 8.0	3.0 – 7.0	9.0	3.0	1.0	2.0	1.0	1.0	0.5
ML	8–16	2.5 – 7.5	2.5 – 7.0	2.5 – 6.5	8.5	4.0	2.0	3.0	1.0	2.0	1.0
LO	0–7	2.0 – 7.0	2.5 – 6.5	2.5 – 6.0	8.0	5.0	2.0	4.0	1.0	3.0	1.0

Radar:	—	ECM:	IFF	Weapon Stations Diagram:
ECCM:	—	RWR:	A	
Arcs:	—	DDS:	—	
Search:	—	DJM:	—	
Track:	—	AJM:	—	
Lock-On:	—	BJM:	—	
Guns:	One 30 mm NR-30	Technology:		Load Point Limits:
To Hit:	6/3/2	None		CL : < 3 1/2: < 7
Ammunition:	2.5			Weight Limit: 3,900 DT : ≥ 7
Gunsight:	TT+0/HT+2/BT+3			
Ranging:	—			Station
AtA/AtG:	4/3			Limit
Bomb System:	Manual			Allowed Loads
Notes:				1 and 4 1,400 FT 2 and 3 550 BB RP RK DR
1.	The Shenyang FT-6 is a trainer. It is the export version of the Shenyang JJ-6.			Load Notes:
2.	If a BT or ET is performed in the HI+ altitude bands, roll one die for each facing change after the first. On a 1 the aircraft suffers a maneuvering departure.			1. May use 760L FTs on stations 1 and 4. 2. May use ORO-57K RPs or DRs each with two ORO-57K RPs on stations 2 and 3.
VPs:	14/9/5/2			v3.0000000 0000-00-00T00:00:00