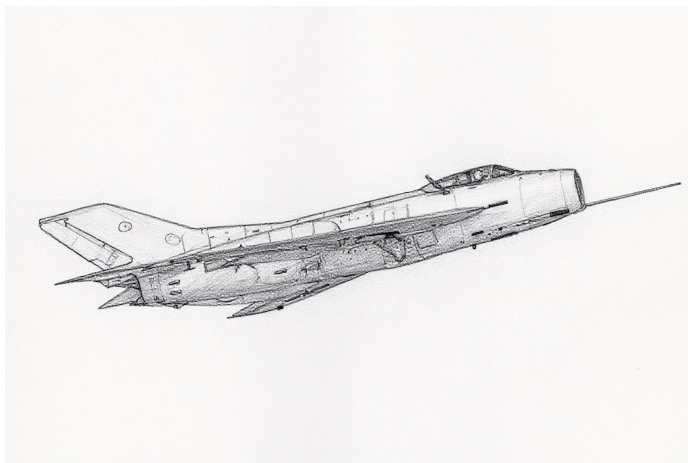


Shenyang J-6 and F-6



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 HFPs/DPs:					
LR/DR		1.0		1.0											
VR				0.5											
Power APs/DPs/FPs: ○○										Turn DPs:					
CL		1/2		DT											
Fuel															
AB		3.5 3.0		2.5 5.0											
M		2.5 2.0		2.0 2.0											
N		0.0 0.0		0.0 1.0											
I		0.5 0.5		0.5 0.0											
SPBR		0.5 1.0		1.0 —											
					Cruise Speed: 5.5 Restr. Arcs: 60–										
					Climb Speed: 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 Oth	1/2 AB Oth	DT AB Oth	Alt. Band						
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 : 0–2					
To Hit:		6/3/2			None					1/2: 3–6					
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:								
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.					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				v1 0000000 0000-00-00T00:00:00					

Shenyang F-6										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60–									
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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 : 0–2							
To Hit:			6/3/2									Weight Limit:						1/2: 3–6							
Ammunition:			2.5									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			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 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.						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.													
VPs: 16/11/5/3												v1 0000000 0000-00-00T00:00:00													

Shenyang F-6 (PAF)										Crew: Pilot																					
										Maneuver HFPs/DPs: LR/DR 1.0 1.0 VR 0.5																					
Turn DPs: CL 1/2 DT TT 1.0 1.0 1.0 HT 2.0 2.0 2.0 BT 3.0 3.0 3.0 ET 3.0 4.0 —																															
															Cruise Speed: 5.5 Restr. Arcs: 60– Climb Speed: 4.5 Blind Arcs: 30– Visibility: 5 Internal Fuel: 180 Size: +0 AtA Refuel: No Vulnerability: +1 Ejection Seat: Std																
Power APs/DPs/FPs: ○○ CL 1/2 DT Fuel AB 3.5 3.0 2.5 5.0 M 2.5 2.0 2.0 2.0 N 0.0 0.0 0.0 1.0 I 0.5 0.5 0.5 0.0 SPBR 0.5 1.0 1.0 —																															
Speeds and Ceilings						Climb Capabilities																									
Alt. Band	Conf. Ceil.	CL 58		1/2 53		DT 48		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth		Alt. Band															
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: — ECCM: — Arcs: — Search: — Track: — Lock-On: —					ECM: IFF RWR: A DDS: — DJM: — AJM: — BJM: —					Weapon Stations Diagram:																					
Guns: Three 30 mm NR-30 To Hit: 6/3/2 Ammunition: 2.5 Gunsight: TT+0/HT+2/BT+3 Ranging: — AtA/AtG: 6/9					Technology: None					Load Point Limits: CL : 0–2 1/2: 3–6 Weight Limit: 3,900 DT : 7+																					
Bomb System: Manual										<table><tr><td>Station</td><td>Limit</td><td>Allowed Loads</td></tr><tr><td>1 and 7</td><td>200</td><td>IRM</td></tr><tr><td>2 and 6</td><td>1,400</td><td>BB RP RK FT</td></tr><tr><td>3 and 5</td><td>550</td><td>BB RP RK</td></tr><tr><td>4</td><td>1,400</td><td>FT</td></tr></table>							Station	Limit	Allowed Loads	1 and 7	200	IRM	2 and 6	1,400	BB RP RK FT	3 and 5	550	BB RP RK	4	1,400	FT
Station	Limit	Allowed Loads																													
1 and 7	200	IRM																													
2 and 6	1,400	BB RP RK FT																													
3 and 5	550	BB RP RK																													
4	1,400	FT																													
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.										Load Notes: 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										v1 0000000 0000-00-00T00:00:00																					

Shenyang J-6A										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60–									
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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: Two 30 mm NR-30					Technology:					Load Point Limits:									
To Hit: 5/3/1					None					CL : 0–2									
Ammunition: 2.5										1/2: 3–6									
Gunsight: TT+0/HT+2/BT+3										Weight Limit: 3,900									
Ranging: RE										DT : 7+									
AtA/AtG: 5/6										Station Limit Allowed Loads									
Bomb System: Manual										1 and 6 200 IRM									
										2 and 5 1,400 FT									
										3 and 4 550 BB RP RK DR									
										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.									
										3. From 1975, may use PL-2 IRMs.									
Notes:																			
1. The Shenyang J-6A is an interceptor. It is derived from the MiG-19P. The NATO reporting name for the aircraft is Farmer-D 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										v1 0000000 0000-00-00T00:00:00									

Shenyang J-6B										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60–									
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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:			None			Load Point Limits:					
To Hit:			—									CL : 0–2					
Ammunition:			—									1/2: 3–6					
Gunsight:			TT+0/HT+2/BT+3									Weight Limit: 3,900					
Ranging:			RE									DT : 7+					
AtA/AtG:			—									Station Limit Allowed Loads					
Bomb System:			Manual									1 and 6 1,400 FT					
												2–3 and 4–5 200 BRM RHM					
												Load Notes:					
												1. May use 760L FTs on stations 1 and 6.					
												2. May use PL-1 BRMs.					

Shenyang J-6C										Crew: Pilot																			
										Maneuver HFPs/DPs:																			
LR/DR		1.0		1.0																									
VR				0.5																									
Power APs/DPs/FPs: ○○										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		1.0													
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0													
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0													
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—													
SPBR		0.5		1.0		1.0		—																					
					Cruise Speed: 5.5					Restr. Arcs: 60—																			
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band											
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 : 0–2									
To Hit: 6/3/2					None															1/2: 3–6									
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:																			
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.					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										v1 0000000 0000-00-00T00:00:00									

Shenyang F-6C										Crew: Pilot									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60–									
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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 : 0–2			
To Hit:			6/3/2			None													1/2: 3–6			
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.													

Shenyang JJ-6										Crew: Pilot and Observer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5 Restr. Arcs: 60–														
					Climb Speed: 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 Oth		1/2 AB Oth		DT AB Oth		Alt. Band	
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: One 30 mm NR-30					Technology:					Load Point Limits: CL : 0–2									
To Hit: 6/3/2					None					1/2: 3–6									
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: 4/3										2 and 3 550 BB RP RK DR									
Bomb System: Manual										Load Notes:									
Notes: 1. The Shenyang JJ-6 is a trainer. It is a modified version of the Shenyang J-6, with a second cockpit and only one cannon. 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										v1 0000000 0000-00-00T00:00:00									

Shenyang FT-6										Crew: Pilot and Observer									
										Maneuver HFPs/DPs:									
LR/DR		1.0		1.0															
VR				0.5															
Power APs/DPs/FPs: ○○										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		1.0			
M		2.5		2.0		2.0		2.0		HT		2.0		2.0		2.0			
N		0.0		0.0		0.0		1.0		BT		3.0		3.0		3.0			
I		0.5		0.5		0.5		0.0		ET		3.0		4.0		—			
SPBR		0.5		1.0		1.0		—											
					Cruise Speed: 5.5					Restr. Arcs: 60—									
					Climb Speed: 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		CL		1/2		DT		Alt.	
Band		Ceil.		58		53		48		Speed		AB Oth		AB Oth		AB Oth		Band	
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: One 30 mm NR-30					Technology:					Load Point Limits: CL : 0–2									
To Hit: 6/3/2					None					1/2: 3–6									
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: 4/3										2 and 3 550 BB RP RK DR									
Bomb System: Manual										Load Notes:									
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.									
										VPs: 14/9/5/2									
										v1 0000000 0000-00-00T00:00:00									