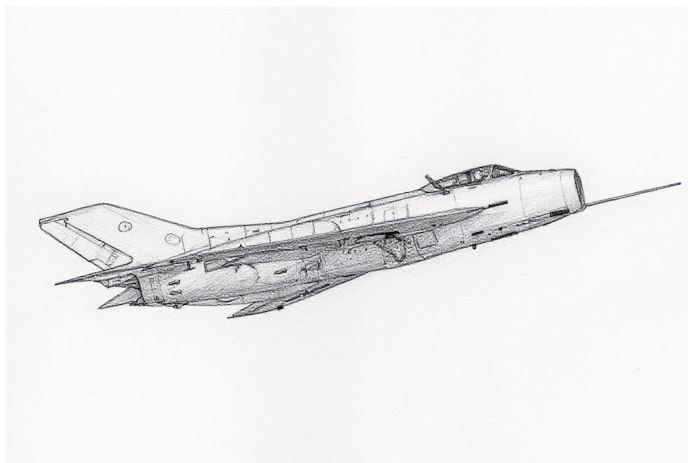


# Shenyang J-6 and F-6



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:						
LR/DR		1.5														
VR		1.0														
Turn DPs:																
Power APs/DPs: ○○					CL		1/2		DT							
					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					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: Early							
Speeds and Ceilings						Climb Capabilities										
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT		
Band Ceil.		58		53		48		Speed		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		
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		
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		
MH		17–25		2.5 – 8.5		3.0 – 8.0		3.0 – 7.0		9.0		3.0 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		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		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:		None		Load Point Limits:					
To Hit:					6/3/2							CL : < 3				
Ammunition:					2.5							1/2: < 7				
Gunsight:					TT+0/HT+2/BT+3							Weight Limit:				
Ranging:					—							3,900				
AtA/AtG:					6/9							DT : ≥ 7				
Bomb System:					Manual							Station				
										Limit						
										Allowed Loads						
										1 and 4						
										1,400						
										FT						
										2 and 3						
										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.						
										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																		
Turn DPs:																		
Power APs/DPs: ○○					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					CL 1/2 DT								
CL 1/2 DT Fuel										TT 1.0 1.0 1.0								
AB 3.5 3.0 2.5 5.0										HT 1.5 1.5 1.5								
M 2.5 2.0 2.0 2.0										BT 2.0 2.0 2.0								
N 0.0 0.0 0.0 1.0										ET 2.0 2.5 —								
I 1.0 1.0 1.0 0.0																		
SPBR 1.0 2.0 2.0 —																		
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							
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							
To Hit:		6/3/2			None						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:										
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.								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												

<div><div>Shenyang F-6</div><div>(PAF)</div></div> <div><div>Power APs/DPs:</div><div><div>CL1/2DTFuel</div><div>AB3.53.02.55.0</div><div>M2.52.02.02.0</div><div>N0.00.00.01.0</div><div>I1.01.01.00.0</div><div>SPBR1.02.02.0—</div></div></div>
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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	—									
Power APs/DPs: ○○					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						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		
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: CL : < 3						
To Hit: 5/3/1					None		1/2: < 7						
Ammunition: 2.5							Weight Limit: 3,900 DT : ≥ 7						
Gunsight: TT+0/HT+2/BT+3							Station Limit Allowed Loads						
Ranging: RE							1 and 6 200 IRM						
AtA/AtG: 5/6							2 and 5 1,400 FT						
							3 and 4 550 BB RP RK DR						
Bomb System: Manual							Load Notes:						
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.							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.						
					VPs: 16/11/5/3								
					v3 0000000 0000-00-00T00:00:00								

Shenyang J-6B										Crew: Pilot																														
										Maneuver DPs:																														
LR/DR		1.5																																						
VR		1.0																																						
Turn DPs:																																								
Power APs/DPs: ○○ <table><tr><td></td><td>CL</td><td>1/2</td><td>DT</td><td>Fuel</td></tr><tr><td>AB</td><td>3.5</td><td>3.0</td><td>2.5</td><td>5.0</td></tr><tr><td>M</td><td>2.5</td><td>2.0</td><td>2.0</td><td>2.0</td></tr><tr><td>N</td><td>0.0</td><td>0.0</td><td>0.0</td><td>1.0</td></tr><tr><td>I</td><td>1.0</td><td>1.0</td><td>1.0</td><td>0.0</td></tr><tr><td>SPBR</td><td>1.0</td><td>2.0</td><td>2.0</td><td>—</td></tr></table>						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	1.0	1.0	1.0	0.0	SPBR	1.0	2.0	2.0	—	Cruise Spd. CL: 5.5		Restr. Arcs: 60–			
						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	1.0	1.0	1.0	0.0																																				
SPBR	1.0	2.0	2.0	—																																				
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 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: None		Load Point Limits: CL : < 3																																				
To Hit: —		1/2: < 7																																						
Ammunition: —		Weight Limit: 3,900 DT : ≥ 7																																						
Gunsight: TT+0/HT+2/BT+3		Station Limit Allowed Loads																																						
Ranging: RE		1 and 6 1,400 FT																																						
AtA/AtG: —		2–3 and 4–5 200 BRM RHM																																						
Bomb System: Manual		Load Notes:																																						
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.							1. May use 760L FTs on stations 1 and 6.																																	
							2. May use PL-1 BRMs.																																	
VPs: 16/11/5/3							v3 0000000 0000-00-00T00:00:00																																	

Shenyang J-6C										Crew: Pilot			
										Maneuver DPs:			
LR/DR		1.5											
VR		1.0											
Turn DPs:													
Power APs/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 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: 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		
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		
To Hit: 6/3/2											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:						
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					v3 0000000 0000-00-00T00:00:00			



Shenyang F-6C									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		—										
Power APs/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	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: Early										
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	58		53		48		Speed		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

<b>Radar:</b> —	<b>ECM:</b> IFF	<b>Weapon Stations Diagram:</b>										
ECCM: —	RWR: A											
Arcs: —	DDS: —											
Search: —	DJM: —											
Track: —	AJM: —											
Lock-On: —	BJM: —											
<b>Guns:</b> Three 30 mm NR-30	<b>Technology:</b>  None	<b>Load Point Limits:</b>	CL : < 3									
To Hit: 6/3/2			1/2: < 7									
Ammunition: 2.5		<b>Weight Limit:</b> 3,900	DT : ≥ 7									
Gunsight: TT+0/HT+2/BT+3												
Ranging: —												
AtA/AtG: 6/9												
<b>Bomb System:</b> Manual		<table><tr><td><b>Station</b></td><td><b>Limit</b></td><td><b>Allowed Loads</b></td></tr><tr><td>1 and 4</td><td>1,400</td><td>FT</td></tr><tr><td>2 and 3</td><td>550</td><td>BB RP RK DR</td></tr></table>	<b>Station</b>	<b>Limit</b>	<b>Allowed Loads</b>	1 and 4	1,400	FT	2 and 3	550	BB RP RK DR	
<b>Station</b>	<b>Limit</b>	<b>Allowed Loads</b>										
1 and 4	1,400	FT										
2 and 3	550	BB RP RK DR										
<b>Notes:</b>  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.		<b>Load Notes:</b> 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.										
		<b>VPs:</b> 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													
Turn DPs:															
Power APs/DPs: ○○					CL		1/2		DT						
					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					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: Early						
Speeds and Ceilings						Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT	
Band Ceil.		58		53		48		Speed		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	
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	
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	
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	
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	
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	

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							
Ammunition:		2.5						1/2: < 7							
Gunsight:		TT+0/HT+2/BT+3						Weight Limit: 3,900 DT : ≥ 7							
Ranging:		—						Station Limit Allowed Loads							
AtA/AtG:		4/3						1 and 4 1,400 FT							
Bomb System:		Manual						2 and 3 550 BB RP RK DR							
Notes:								Load 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								v3 0000000 0000-00-00T00:00:00							

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	1.0					
M	2.5	2.0	2.0	2.0		HT	1.5	1.5	1.5					
N	0.0	0.0	0.0	1.0		BT	2.0	2.0	2.0					
I	1.0	1.0	1.0	0.0		ET	2.0	2.5	—					
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: Early									
Speeds and Ceilings						Climb Capabilities								
Alt.	Conf.	CL	1/2	DT	Dive	CL	1/2	DT						
Band	Ceil.	58	53	48	Speed	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			
EH+														
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