

## **Lockheed F-94**

- F-94A
- F-94B

### **See Also**

- Lockheed F-80/T-33 Shooting Star

<b>F-94A</b>								
<b>Power APs/DPs:</b> ○								
AB 1.0 1.0 1.0 2.0 M 1.0 0.5 0.5 1.0 N 0.0 0.0 0.0 0.5 I 1.0 1.0 1.0 0.0 SPBR 1.0 1.0 1.0 —								
Cruise Spd. CL: 4.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 5 Internal Fuel: 103 Size: +0 AtA Refuel: No Vulnerability: +1 Ejection Seat: Early								
Smoker in military power (SMP).								

Speeds and Ceilings				Climb Capabilities				
Alt.	Conf.	CL	1/2	DT	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth
Band	Ceil.	47	42	37				
EH+	46+	2.5 – 4.5	—	—	6.5	0.50 —	— —	— —
VH	36–45	2.5 – 5.0	2.5 – 5.0	2.5 – 4.5	7.0	0.50 0.25	0.50 —	0.50 —
HI	26–35	2.5 – 5.5	2.5 – 5.0	2.5 – 4.0	7.0	1.00 0.50	0.50 0.25	0.50 0.25
MH	17–25	2.0 – 5.5	2.0 – 5.5	2.5 – 4.5	7.0	1.00 0.50	1.00 0.50	0.50 0.25
ML	8–16	2.0 – 6.0	2.0 – 5.5	2.0 – 5.0	7.5	1.00 0.50	1.00 0.50	1.00 0.50
LO	0–7	1.5 – 6.0	2.0 – 5.5	2.0 – 5.0	7.5	1.50 1.00	1.50 1.00	1.00 0.50

<b>Radar:</b> APG-33 ECCM: 0 Arcs: 180+ Search: 60–10 Track: 30–8 Lock-On: 7	<b>ECM:</b> IFF RWR: — DDS: — DJM: — AJM: — BJM: —	<b>Weapon Stations Diagram:</b>
<b>Guns:</b> Four .50 cal M3 To Hit: 6/3/0 Ammunition: 8.0 Gunsight: TT+0/HT+1/BT+2 Ranging: RE AtA/AtG: 3/3**	<b>Technology:</b> None	<b>Load Point Limits:</b> CL : < 5 1/2: < 8 <b>Weight Limit:</b> 2,200 DT : ≥ 8
<b>Bomb System:</b> Manual		<b>Station</b> Limit Allowed Loads 1 and 2 1,100 FT
<b>Notes:</b>		<b>Load Notes:</b> 1. The wing-tip stations 1 and 2 usually carry 165 gal (600L) FTs, each with a weight of 1100, 3.0/2.0 load points, and 50 fuel points.
		<b>VPs:</b> 10/7/3/2 v3 0000000 0000-00-00T00:00:00

<b>F-94B</b>					<b>Crew:</b> Pilot and Radar Officer									
					<b>Maneuver DPs:</b>									
<b>Power APs/DPs:</b> ○					LR/DR	2.0								
CL 1/2 DT Fuel					VR	1.0								
AB	1.0	1.0	1.0	2.0	<b>Turn DPs:</b>									
M	1.0	0.5	0.5	1.0	CL	1/2	DT							
N	0.0	0.0	0.0	0.5	TT	0.5	0.5	1.0						
I	1.0	1.0	1.0	0.0	HT	1.0	1.0	1.5						
SPBR	1.0	1.0	1.0	—	BT	1.5	1.5	2.0						
Smoker in military power (SMP).					ET	—	—	—						
Cruise Spd. CL: 4.5 Restr. Arcs: —														
Climb Spd.: 3.0 Blind Arcs: 30–														
Visibility: 5 Internal Fuel: 103														
Size: +0 AtA Refuel: No														
Vulnerability: +1 Ejection Seat: Early														
<b>Speeds and Ceilings</b>						<b>Climb Capabilities</b>								
Alt. Band	Conf. Ceil.	CL 47	1/2 42	DT 37	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth						
EH+	46+	2.5 – 4.5	—	—	6.5	0.50 —	— —	— —	EH+					
VH	36–45	2.5 – 5.0	2.5 – 5.0	2.5 – 4.5	7.0	0.50 0.25	0.50 —	0.50 —	VH					
HI	26–35	2.5 – 5.5	2.5 – 5.0	2.5 – 4.0	7.0	1.00 0.50	0.50 0.25	0.50 0.25	HI					
MH	17–25	2.0 – 5.5	2.0 – 5.5	2.5 – 4.5	7.0	1.00 0.50	1.00 0.50	0.50 0.25	MH					
ML	8–16	2.0 – 6.0	2.0 – 5.5	2.0 – 5.0	7.5	1.00 0.50	1.00 0.50	1.00 0.50	ML					
LO	0–7	1.5 – 6.0	2.0 – 5.5	2.0 – 5.0	7.5	1.50 1.00	1.50 1.00	1.00 0.50	LO					
<b>Radar:</b> APG-33			<b>ECM:</b>	IFF	<b>Weapon Stations Diagram:</b>									
ECCM:	0		RWR:	—										
Arcs:	180+		DDS:	—										
Search:	60–10		DJM:	—										
Track:	30–8		AJM:	—										
Lock-On:	7		BJM:	—										
<b>Guns:</b> Four .50 cal M3			<b>Technology:</b>		<b>Load Point Limits:</b>									
To Hit:	6/3/0		None		CL : < 5									
Ammunition:	8.0				1/2: < 8									
Gunsight:	TT+0/HT+1/BT+2				<b>Weight Limit:</b> 3,600									
Ranging:	RE				DT : ≥ 8									
AtA/AtG:	3/3**				<b>Station</b>	<b>Limit</b>	<b>Allowed Loads</b>							
<b>Bomb System:</b>	Manual				1 and 2	1,800 FT								
<b>Notes:</b>														
1. The Lockheed F-94B is an all-weather interceptor. It is a development of the F-94A and features a more reliable engine and modifications to the cockpit. It retains the APG-33 radar and the Hughes E-1 fire-control system. It is armed with four .50 cal machine guns, and the fire-control system allows them to be fired under radar control.														
2. High transonic drag (HTD).														
3. The E1 all-weather fire-control system allows the guns to be fired on targets that are unsighted but tracked by radar if the radar-ranging attempt succeeds.														
					<b>VPs:</b> 10/7/3/2									
					v3 0000000 0000-00-00T00:00:00									