

## **Lockheed F-94**

- F-94A
- F-94B

### **See Also**

- Lockheed F-80/T-33 Shooting Star

<b>F-94A</b>								<b>Crew:</b> Pilot and Radar Officer			
								<b>Maneuver HFPs/DPs:</b>			
<b>Power APs/DPs/FPs:</b> ○								LR/DR	1.0	1.5	
AB 1.0 1.0 1.0 2.0								VR	0.5		
M 1.0 0.5 0.5 1.0								<b>Turn DPs:</b>			
N 0.0 0.0 0.0 0.5								CL	1/2	DT	
I 0.5 0.5 0.5 0.0								TT	0.0	0.0	1.0
SPBR 0.5 0.5 0.5 —								HT	1.0	1.0	2.0
Smoker in military power (SMP).								BT	2.0	2.0	3.0
								ET	—	—	—
<b>Speeds and Ceilings</b>								<b>Climb Capabilities</b>			
Alt.	Conf.	CL	1/2	DT	Dive	CL	1/2	DT	Alt.		
Band	Ceil.	47	42	37	Speed	AB Oth	AB Oth	AB Oth	Band		
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	—
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				<b>ECM:</b> IFF				<b>Weapon Stations Diagram:</b>			
ECCM:	0	RWR:	—	DDS:	—	DJM:	—	AJM:	—	BJM:	—
Arcs:	180+										
Search:	60–10										
Track:	30–8										
Lock-On:	7										
<b>Guns:</b> Four .50 cal M3				<b>Technology:</b>				<b>Load Point Limits:</b>			
To Hit:	6/3/0	None						CL : 0–4			
Ammunition:	8.0							1/2: 5–7			
Gunsight:	TT+0/HT+1/BT+2										
Ranging:	RE										
AtA/AtG:	3/3**										
<b>Bomb System:</b> Manual								<b>Weight Limit:</b> 2,200			
<b>Notes:</b>								<b>Station</b>			
1. The Lockheed F-94A is an all-weather interceptor. It is derived from the T-33A trainer, but adds 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.								Limit	<b>Allowed Loads</b>		
2. High transonic drag (HTD).								1,100	FT		
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>F-94B</b>								<b>Crew:</b> Pilot and Radar Officer							
								<b>Maneuver HFPs/DPs:</b>							
<b>Power APs/DPs/FPs:</b> ○								LR/DR	1.0	1.5					
AB 1.0 1.0 1.0 2.0								VR	0.5						
M 1.0 0.5 0.5 1.0								<b>Turn DPs:</b>							
N 0.0 0.0 0.0 0.5								CL	1/2	DT					
I 0.5 0.5 0.5 0.0								TT	0.0	0.0	1.0				
SPBR 0.5 0.5 0.5 —								HT	1.0	1.0	2.0				
Smoker in military power (SMP).								BT	2.0	2.0	3.0				
								ET	—	—	—				
<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	Alt. Band						
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:	—	DDS:	—	DJM:	—	BJM:	—	—	—				
Arcs:	180+														
Search:	60–10														
Track:	30–8														
Lock-On:	7														
<b>Guns:</b> Four .50 cal M3				<b>Technology:</b>				<b>Load Point Limits:</b>							
To Hit:	6/3/0	None						CL : 0–4							
Ammunition:	8.0							1/2: 5–7							
Gunsight:	TT+0/HT+1/BT+2														
Ranging:	RE														
AtA/AtG:	3/3**														
<b>Bomb System:</b> Manual								<b>Weight Limit:</b> 3,600							
<b>Notes:</b>								<b>Station</b> 1 and 2							
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.								<b>Limit</b> 1,800							
2. High transonic drag (HTD).								<b>Allowed Loads</b> FT							
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>Load Notes:</b>							
								1. The wing-tip stations 1 and 2 usually carry 230 gal (850L) FTs, each with a weight of 1800, 3.5/2.5 load points, and 75 fuel points.							
								<b>VPs:</b> 10/7/3/2							
								v1.000000 0000-00-00T00:00:00							