

# LOCKHEED SHOOTING STAR Series

## SHOOTING STAR Series SERVICE

*Manufacturer:* The Lockheed Aircraft Corp., Burbank, California, USA  
(Designed by Lockheed "Skunk" Works)

*Models:* Model 080, 140, 141, 245, 380, 480, 580, 680, 780, 880, 980, 1080

*Designations:* P-80; T-33; F-94; F-14, F-80, F-97, T-1, TO, TV, T2V, CT-133 (CAF)

*Names:* Shooting Star; SeaStar (T2V), Starfire (F-94), Silver Star (RCAF)

*First official flight:* XP-80 08/01/1944  
TP-80C 22/03/1948  
YF-94 16/04/1949

*Factory production period:* 1943 – 1959

*Primary service period:* 1945 – 1960's

*Last official flight:* T-33A 09/1987

## SHOOTING STAR Series VARIANTS

### P-80 Shooting Star

1944	<b>Model 140</b>	<b>XP-80</b>	1	
1944	<b>Model 141</b>	<b>XP-80A</b>	2	
1944	<b>Model 080</b>	<b>YP-80A</b>	13	<b>Total: 0016</b>
1945	<b>Model 080</b>	<b>P-80A</b>	563	
1946	<b>Model 080</b>	<b>FP-80A</b>	114	<b>Total: 0677</b>
1946	<b>Model 080</b>	<b>P-80B</b>	240	<b>Total: 0240</b>
1948	<b>Model 080</b>	<b>P-80C</b>	798	<b>Total: 0798</b>
				<b><u>Total: 1731</u></b>

### T-33 Shooting Star

1948	<b>Model 580</b>	<b>T-33A</b>	5771	
1956	<b>Model 1080</b>	<b>T2V-1</b>	150	<b>Total: 5921</b>
	<i>Foreign built – Canada:</i>			
1952	<b>Model CL-30</b>	<b>Silver Star Mk. 3</b>	656	
	<i>Foreign built – Japan:</i>			
1956	-	<b>T-33A</b>	210	<b>Total: 0866</b>

## F-94 Starfire

1949	<b>Model 780</b>	<b>F-94A</b>	110	
1950	<b>Model 780</b>	<b>F-94B</b>	355	<b>Total: 0465</b>

1950	<b>Model 880</b>	<b>YF-97A</b>	2	
1951	<b>Model 880</b>	<b>F-94C</b>	387	<b>Total: 0389</b>

**Total: 0854**

**Grand Total: 9372**

## SHOOTING STAR Series PRODUCTION

### P-80 Shooting Star

#### **XP-80**

*Prototype single-seater jet fighter with British Goblin turbojet.*

*produced 1943*

Lockheed Burbank, California (LO)

44-83020

140-1001

1 **Total: 0001**

#### **XP-80A**

*As XP-80, fuselage redesign, engine upgrade.*

*produced 1944*

Lockheed Burbank, California (LO)

44-83021, 44-83022      141-1001, 1002

2 **Total: 0002**

#### **YP-80A**

*As XP-80A, reduced weight, service test aircraft.*

*produced 1944*

Lockheed Burbank, California (LO)

44-83023 / 44-83035      080-1002 / 1014

13 **Total: 0013**

#### **P-80A**

*As YP-80A, engine upgrade, wingtip tanks, various improvements. 38 delivered as **FP-80A**.*

*Redesignated as **F-80A** in 1948, many later upgraded to **F-80B** standard.*

*produced 1944 – 1946*

Lockheed Burbank, California (LO)

44-84992 / 44-85491      080-1015 / 1514

45-8301 / 45-8363      080-1515 / 1577

563 **Total: 0563**

*2500 additional airframes cancelled.*

#### **FP-80A**

*As P-80A, photo reconn. version with long nose. 38 also delivered from P-80A.*

*Original designation was **F-14A**.*

*Redesignated as **RF-80A** in 1948.*

*produced 1946 – 1947*

Lockheed Burbank, California (LO)

45-8364 / 45-8477      080-1578 / 1691

114 **Total: 0114**

## **P-80B**

*As P-80A, engine upgrade, minor changes.*

*Original designation was **P-80Z**.*

*Redesignated as **F-80B** in 1948.*

*produced 1947 – 1948*

Lockheed Burbank, California (LO)

45-8478 / 45-8717                      080-1692 / 1931

240 **Total: 0240**

*83 additional airframes cancelled.*

## **P-80C**

*As P-80B, engine / armament upgrade.*

*Redesignated as **F-80C** in 1948 with last 625*

*delivered as such.*

*produced 1948 – 1950*

Lockheed Burbank, California (LO)

47-171 / 47-224                      080-1932 / 1985

47-525 / 47-604                      080-1986 / 2065

47-1380 / 47-1411                      080-2066 / 2097

48-376 / 48-396                      080-2099 / 2119

48-863 / 48-912                      080-2120 / 2169

49-422 / 49-878                      080-2170 / 2626

49-1800 / 49-1899                      080-2627 / 2726

49-3597 / 49-3600                      080-2727 / 2730

798 **Total: 0798**

*C/n: 080-2098 cancelled, no s/n assigned.*

*(Model 680) F-80D – 1948, proposed engine upgrade, cancelled.*

*F-80E – Proposed version with swept wing and tail, cancelled.*

*(NA-137) P-80N – 1945, proposed NAA version of the P-80A, cancelled.*

*Model 380 / 480 – Various proposed naval versions, cancelled.*

**Total: 1731**

## **T-33 Shooting Star**

### **T-33A**

*Tandem 2-seater training version of the F-80C.*

*Prototype flew as **TP-80C** (48-356), redesignated*

*as **TF-80C** with first 155 delivered as such.*

*Redesignated as **T-33A** in 1949. 3929 as **T-33A**,*

*85 as **RT-33A**, 699 to USN as **TV-2**, 1058 to MAP.*

*produced 1947 – 1959*

Lockheed Burbank, California (LO)

48-356 / 48-375                      580-5001 / 5020

48-913 / 48-920                      580-5021 / 5028

49-879 / 49-1006                      580-5029 / 5156

49-2757 / 49-2772                      580-5157 / 5172

50-320 / 50-454                      *mixed 580-5173 to 5307*

50-1272 / 50-1276                      580-5308 / 5312

*- All to foreign users under MAP.*

51-4019 / 51-4533                      *mixed 580-5313 to 5828*

51-6497 / 51-6957                      580-5829 / 6289

*- Some to foreign users under MAP.*

51-8506 / 51-9310                      580-6290 / 7094

*- Some to foreign users under MAP.*

51-16976 / 51-16995      580-7095 / 7114  
 - All or some to foreign users under MAP.  
 51-17388 / 51-17556      mixed 580-7115 to 7701  
 - All or some to foreign users under MAP.  
 52-9129 / 52-9975      mixed 580-7183 to 8206  
 - All or some to foreign users under MAP.  
 53-2687 / 53-2780      mixed 580-7897 to 8224  
 53-4886 / 53-6152      mixed 580-8225 to 9773  
 54-1522 / 54-1618      mixed 580-9139 to 9354  
 - All or some to foreign users under MAP.  
 54-2689 / 54-2728      mixed 580-9193 to 9290  
 54-2950 / 54-2955      580-9450 / 9455  
 - All or some to foreign users under MAP.  
 54-4035, 54-4036      580-9686, 9687  
 - Both to foreign users under MAP.  
 55-2979 / 55-3117      mixed 580-9476 to 9775  
 - Some to foreign users under MAP.  
 55-4332 / 55-4456      580-9776 / 9900  
 - All or some to foreign users under MAP.  
 55-4807 / 55-4810      580-9901 / 9904  
 - All or some to foreign users under MAP.  
 55-4945 / 55-4962      580-9905 / 9922  
 - All or some to foreign users under MAP.  
 56-1573 / 56-1649      580-9923 / 9999  
 56-1650 / 56-1792      580-1000 / 1142  
 56-3659 / 56-3694      580-1143 / 1178  
 56-6848 / 56-6927      580-1179 / 1258  
 - 80 to Japan with new c/n: KAC-1081 / KAC-1160.  
 57-530 / 57-769      580-1259 / 1498  
 58-0450 / 58-0710      580-1499 / 1759  
 58-2094 / 58-2106      580-1760 / 1772

5771 **Total: 5771**

C/n: 580-5285 cancelled, no s/n assigned.  
 110 additional airframes cancelled.

**T2V-1 SeaStar**

As L-245, production version for US Navy.  
 Redesignated as **T-1A** in 1962.  
 produced 1955 – 1956

Lockheed Burbank, California (V)  
 BuNo. 142261 / 142268      1080-1001 / 1008  
 BuNo. 142397 / 142399      1080-1009 / 1011  
 BuNo. 142533 / 142541      1080-1012 / 1020  
 BuNo. 144117 / 144216      1080-1021 / 1120  
 BuNo. 144735 / 144764      1080-1121 / 1150  
 240 additional airframes cancelled.

150 **Total: 0150**

**Total: 5921**

*Foreign built – Canada:*

**Silver Star Mk. 3**

*Canadair built version of the T-33A.  
Redesignated as CT-133 in 1968 with  
new CAF s/n: 133001 / 133656.*

*produced 1952 – 1959*

*Canadair Ltd., Cartierville,  
Montreal, Quebec, Canada*

*(RCAF) 21001 / 21656      T33-1 / T33-656*

656 **Total: 0656**

*Foreign built – Japan:*

**T-33A**

*Kawasaki built version of the T-33A.*

*produced 1956 – 1959*

*Kawasaki Heavy Industries Ltd., Gifu, Japan  
(JASDF)*

*61-5201 / 61-5230      -*

*71-5231 / 71-5326      -*

*81-5327 / 81-5397      -*

*91-5398 / 91-5410      -*

210 **Total: 0210**

**Total: 0866**

**F-94 Starfire**

**YF-94**

*Model 780, 1949, T-33A (48-356, 48-357), prototype 2-seater  
jet fighter, engine upgrade, nose radar. Officially designated  
as ETF-80C then ET-33A in 1949. New c/n: 780-5001, 5002.*

**F-94A**

*As YF-94, minor changes.*

*produced 1949 – 1950*

*Lockheed Burbank, California (LO)*

*49-2479 / 49-2588      780-7001 / 7110*

110 **Total: 0110**

**F-94B**

*As YF-94B, minor changes.*

*produced 1950 – 1952*

*Lockheed Burbank, California (LO)*

*50-805 / 50-876      780-7111 / 7182*

*50-878 / 50-954      780-7184 / 7260*

*51-5307 / 51-5512      780-7370 / 7575*

355 **Total: 0355**

**YF-97A**

*As F-94B, prototypes with engine upgrade,  
redesigned wing, tail, rocket-pods. 50-955  
first built as the co. owned L-188 demonstrator,  
N94C (civil reg.). Redesignated as YF-94C in 1950.*

*produced 1949 – 1950*

*Lockheed Burbank, California (LO)*

*50-877      780-7183*

*50-955      780-7261*

2 **Total: 0002**

*(new c/n: 880-8000)*

## F-94C

As YF-94C, lengthened nose, RATO packs.

Original designation was **F-97A**.

produced 1951 – 1954

Lockheed Burbank, California (LO)

50-956 / 50-1063	780-7262 / 7369 (new c/n: 880-8001 / 8108)	
51-5513 / 51-5698	780-7576 / 7761 (new c/n: 880-8109 / 8294)	
51-13511 / 51-13603	780-7762 / 7854 (new c/n: 880-8295 / 8387)	387 <b>Total: 0387</b>

(Model 980) YF-94D – 1951, ground attack version, prototype under construction, (51-13604), cancelled before completion.  
112 production F-94D aircraft cancelled.

**Total: 0854**

## SHOOTING STAR Series CONVERSIONS

### P-80 Shooting Star

#### USAAF / USAF

XFP-80A	1	P-80A(44-85201), prototype reconn. conversion with lengthened nose for camera installations, armament deleted.
<b>XP-80B</b>	<b>1</b>	P-80A(44-85200), 1946, prototype with engine / armament upgrade.
<b>(XP-80R)</b>	<b>1</b>	XP-80B, 1946, high-speed prototype with streamlining, engine upgrade.
DF-80A	1+	F-80A, conversions as drone directors.
QF-80A / C	105	F-80A / C, 1950, radio-controlled drone conversions.
(JQF-80A)	1	QF-80A, conversion for test duties.
(QF-80F)	1+	QF-80A / C, conversions for collecting radioactive cloud samples.
ERF-80A	1	F-80A, conversion to test camera mounted in nose section.
NF-80C	1	F-80C, permanent conversion with magnesium construction.
RF-80C	70	F-80A, 1951, photo reconn. conversions with "C" upgrades.
F-80C-11	137	F-80A, conversions to F-80C standard for training. RF-80A's also converted as RF-80C-11.
RF-80C-12	117	F-80B, conversions to F-80C standard for training.
<b>XF-14</b>	<b>1</b>	YP-80A(44-83024), 1944, factory conversion reconn. prototype. Later redesignated as <b>XFP-80</b> .

#### US Navy

<b>TO-1</b>	<b>50</b>	P-80C, 1948, factory delivered from USAF s/n as advanced trainers. Assigned BuNo. 33821 / 33870. 3 P-80A also transferred as BuNo. 29667, 29668, 29689. 1 P-80B also transferred as BuNo. 29690.
<b>(TV-1)</b>	<b>50</b>	1950, redesignation of TO-1.

### T-33 Shooting Star

#### USAF

AT-33A	1+	T-33A, close air support conversions for foreign air forces.
DT-33A	1+	T-33A, conversions as drone directors.
NT-33A	1+	T-33A, permanent conversions for special tests.

QT-33A 252 T-33A, 1968, conversions as US Navy drone aircraft.  
Assigned BuNo. 155918 / 156169.

RT-33A 85 T-33A, factory delivered as single seater reconn. aircraft.

**US Navy**

TV-2 699 T-33A, 1949, factory delivered from USAF s/n as advanced trainers.  
Original designation was **TO-2**, first 26 delivered as such.  
Assigned BuNo. 124570 / 124585, 124930 / 124939, 126583 / 126626,  
128661 / 128722, 131725 / 131888, 136793 / 136886, 137934 / 138097,  
138977 / 139016, 141490 / 141558, 143014 / 143049.

(T-33B) 699 1962, redesignation of TV-2.  
(TV-2D) 1+ TV-2, 1951, conversions as drone directors.  
(DT-33B) 1+ 1962, redesignation of TV-2D.  
(TV-2KD) 1+ TV-2, 1956, radio-controlled target drone conversions.  
(DT-33C) 1+ 1962, redesignation of TV-2KD.

**(Model 245) L-245 Lockheed Trainer**

1 T-33A(52-9255), 1953, company owned prototype with fuselage and engine upgrade for USN carrier use. Became the T2V-1 SeaStar. Assigned civil reg.: N125D.

**Foreign Conversions**

T-33A 47 T-33A, ex. USAF aircraft for Japan. Assigned JASDF s/n: 51-5601 / 51-5647.  
Converted by Lockheed Aircraft Service Inc. (LAS), California.

T-33A-N 1+ ex. RCAF aircraft converted for NATO air arms.

**Silver Star Mk. 1**

20 T-33A, version for RCAF. Assigned RCAF s/n: 14675 / 14694.

**Silver Star Mk. 2**

1 T-33A, 1951, prototype to the Mk. 3. Assigned RCAF s/n: 14695.

**F-94 Starfire**

**USAF**

YF-94B 1 F-94A(49-2497), 1950, prototype factory conversion, various improvements.

DF-94C 1+ F-94C, conversion as guided missile testbed.

EF-94C 1 F-94C, conversion for "E"xperimental testbed for cameras.

**FOREIGN MILITARY / CIVILIAN SERVICE**

- *F-80 / T-33 aircraft in service with a high number of air forces worldwide, including those in Latin American, Asian and European countries.*
- *Skyfox, 1983, civilian T-33A conversion to serve as an affordable military trainer for poorer countries. Prototype was N221SF (civil reg.), no potential buyers were found.*