

# LOCKHEED P2V NEPTUNE

## NEPTUNE SERVICE

*Manufacturer:* The Lockheed Aircraft Corp., Burbank, California, USA  
*Models:* Model 26, 126, 226, 326, 426, 526, 626, 726, 826  
*Designations:* P2V; B-69, P-2, CP-122 (CAF)  
*Name:* Neptune

*First official flight:* XP2V-1 17/05/1945  
*Factory production period:* 1944 – 1962 (1978 in Japan)  
*Primary service period:* 1947 – 1962  
*Last official flight:* SP-2H 04/1978  
P-2J 05/1994

## NEPTUNE VARIANTS

1945	Model 026-49-01	XP2V-1	2	
1946	Model 026-49-01	P2V-1	14	
1947	Model 026-52-01	XP2V-2	1	
1947	Model 026/126-52-02	P2V-2	78	
1949	Model 126-52-07	P2V-2N	2	
1948	Model 226-52-03	P2V-2S	1	<b>Total: 0098</b>
1948	Model 326-59-02	P2V-3	53	
1949	Model 326-59-04	P2V-3W	30	
1949	Model 426-59-03/ 426-42-03	P2V-4	52	<b>Total: 0135</b>
1950	Model 526-42-06/-11/ -13/-15/-16/526-45-15	P2V-5	372	
1951	Model 526	Neptune MR.Mk. 1	52	<b>Total: 0424</b>
1952	Model 626-42-12	P2V-6	67	
1953	Model 626-42-12	P2V-6M	16	<b>Total: 0083</b>
1954	Model 726-45-14/-17/ 826-45-14	P2V-7	306	
1961	Model 726-45-18	P2V-7B	15	
-	Model 726-45-14	P2V-7LP	4	
-	Model 726-45-17	P2V-7S	32	
1954	Model 726-45-14	P2V-7U	5	<b>Total: 0362</b>
<b><u>Total: 1102</u></b>				
<i>Foreign built – Japan:</i>				
1969	Model GK.210	P-2J	82	<b><u>Total: 0082</u></b>

## **NEPTUNE PRODUCTION**

### **XP2V-1**

*Prototype twin engined, armed, maritime patrol aircraft.  
produced 1945*

Lockheed Burbank, California (V)

BuNo. 48237, 48238      26-1001, 1002      2      **Total: 0002**

### **P2V-1**

*As XP2V-1, equipment upgrade, dorsal fin deleted.  
produced 1946 – 1947*

Lockheed Burbank, California (V)

BuNo. 89082 / 89085      26-1003 / 1006  
BuNo. 89087 / 89096      26-1008 / 1017      14      **Total: 0014**

### **XP2V-2**

*Prototype for P2V-2, engine upgrade.  
produced 1947*

Lockheed Burbank, California (V)

BuNo. 89086      26-1007      1      **Total: 0001**

### **P2V-2**

*As P2V-1, lengthened nose, armament / engine upgrade.  
produced 1947 – 1948*

Lockheed Burbank, California (V)

BuNo. 39318, 39319      26-1018, 1019  
BuNo. 39321 / 39368      126-1021 / 1068  
BuNo. 122438 / 122464      126-1069 / 1095  
BuNo. 122467      126-1098      78      **Total: 0078**  
*100 additional airframes cancelled.*

### **P2V-2N**

*As P2V-2, unarmed, polar equipped aircraft with skis.  
Other designation was **MCR P2V-79**.  
produced 1949*

Lockheed Burbank, California (V)

BuNo. 122465, 122466      126-1096, 1097      2      **Total: 0002**

### **P2V-2S**

*As P2V-2, ASW version with APS-20 search radar.  
produced 1948*

Lockheed Burbank, California (V)

BuNo. 39320      226-1020      1      **Total: 0001**

### **P2V-3**

*As P2V-2, engine upgrade, improved ASW systems.  
produced 1948 – 1950*

Lockheed Burbank, California (V)

BuNo. 122923 / 122951      326-1099 / 1127  
BuNo. 122964 / 122987      326-1128 / 1151      53      **Total: 0053**

### **P2V-3W**

*As P2V-3, AEW version with radar under forward fuselage.  
produced 1949 – 1951*

Lockheed Burbank, California (V)

BuNo. 124268 / 124291      326-1152 / 1175  
BuNo. 124354 / 124359      326-1176 / 1181      30      **Total: 0030**  
*2 additional airframes cancelled.*

#### **P2V-4**

*As P2V-3, fixed wingtip fuel tanks, turbo-compound engine upgrade, revised electronics / radar.*

*produced 1949 – 1951*

Lockheed Burbank, California (V)

BuNo. 124211 / 124262 426-2001 / 2052

52 **Total: 0052**

#### **P2V-5**

*As P2V-4, larger wingtip fuel tanks, major armament upgrade, nose turret later replaced by glazed nose station, MAD tail extension.*

*produced 1950 – 1954*

Lockheed Burbank, California (V)

BuNo. 124865 / 124909 *mixed* 426-5001 to 5049

BuNo. 127720 / 127782 *mixed* 426-5051 to 5172

BuNo. 128327 / 128422 426-5173 / 4268

BuNo. 131400 / 131543 *mixed* 426-5269 to 5424

BuNo. 133640 / 133651 *mixed* 526-5021 to 5122

- 12 to Australia as **Neptune MR.Mk. 1**,

A89-301 / A89-312. Later upgraded

to **MR.Mk. 2** then **MR.Mk. 3** standards.

BuNo. 134671 / 134676 526-5273 / 5278

- 6 to Netherlands Navy as 19-21 / 19-26.

BuNo. 134718 / 134723 526-5279 / 5284

- 6 to Netherlands Navy as 19-27 / 19-32.

8 additional airframes cancelled.

372 **Total: 0372**

#### **Neptune MR.Mk. 1**

*As P2V-5, procured by the USAF for RAF service from 1952-1957.*

*produced 1951 – 1952*

Lockheed Burbank, California (V)

51-15914 / 51-15965 *mixed* 426-5028 to 5170

52 **Total: 0052**

All delivered as:

(RAF) WX493 / WX529

(RAF) WX542 / WX556

#### **P2V-6**

*As P2V-5, engine upgrade, provision for photo reconn. and mine laying.*

*produced 1952 – 1953*

Lockheed Burbank, California (V)

BuNo. 126514 / 126547 626-6001 / 6034

BuNo. 131544 / 131550 626-6061 / 6067

BuNo. 134638 / 134663 626-6035 / 6060

31 to the French Navy.

26 additional airframes cancelled.

67 **Total: 0067**

#### **P2V-6M**

*As P2V-6, anti-shipping version with provision for 2 Petrel missiles. Original designation was **P2V-6B**.*

*produced 1953*

Lockheed Burbank, California (V)

BuNo. 131551 / 131566 626-6068 / 6083

16 **Total: 0016**

## P2V-7

As P2V-6, revised canopy, smaller wingtip tanks,  
engine upgrade, wing mounted jet-pods, dorsal turret  
later deleted, minor changes.

produced 1954 – 1962

Lockheed Burbank, California (V)

BuNo. 135544 / 135621 mixed 726-7001 to 7053  
- 25 to Canada as 24101 / 24125,  
redesignated as **CP-122** in 1968.

BuNo. 140151 / 140160 726-7054 / 7063

BuNo. 140430 / 140433 726-7089 / 7092

BuNo. 140441, 140443 726-7100, 7102

BuNo. 140962 / 140986 mixed 726-7064 to 7088

- 6 to Japan as 4601 / 4606.

BuNo. 141231, 141232 726-7103, 7104

BuNo. 141234 / 141251 mixed 726-7093 to 7123

- 2 to Japan as 4607, 4608.

BuNo. 142542 / 142545 726-7124 / 7127

BuNo. 143172 / 143183 mixed 726-7128 to 7139

- 2 to Japan as 4609, 4610.

BuNo. 144675 / 144692 mixed 726-7136 to 7161

- 8 to France.

- 6 to Japan as 4611 / 4616.

BuNo. 145900 / 145923 mixed 726-7162 to 7195

BuNo. 146431 / 146438 mixed 726-7144 to 7157

- 8 to France.

BuNo. 147562 / 147569 mixed 726-7174 to 7189

- 8 to France.

BuNo. 147946 / 147971 726-7196 / 7221

BuNo. 148330 / 148336 mixed 726-7240 to 7266

- 7 to France.

BuNo. 149070 / 149081 726-7270 / 7281

258

- 12 to Australia as **Neptune MR.Mk. 4**,

A89-270 / A89-281.

11 additional airframes cancelled.

*Foreign assembled – Japan:*

Kawasaki Heavy Industries Ltd., Gifu, Japan

BuNo. 149089 / 149130 726-2001 / 2042

(JMSDF) 4617 / 4658

BuNo. 153611 / 153616 726-2043 / 2048

48 **Total: 0306**

(JMSDF) 4659 / 4664

## P2V-7B

As P2V-7, solid four 20mm cannon armed nose, later to glazed  
nose, all delivered to the Netherlands Navy.

produced 1961

Lockheed Burbank, California (V)

(Netherlands) 200 / 214 mixed 726-7238 to 7269

15 **Total: 0015**

## P2V-7LP

As P2V-7, unarmed factory conversions for Antarctic duties, skis and photographic equipment added.

produced

Lockheed Burbank, California (V)

BuNo. 140434, 140436 726-7093, 7095

BuNo. 140437, 140439 726-7096, 7098

4 **Total: 0004**

## P2V-7S

As P2V-7, ASW sound detection electronics upgrade.

produced

Lockheed Burbank, California (V)

BuNo. 140435 726-7094

BuNo. 148337 / 148362 mixed 726-7222 to 7260

BuNo. 150279 / 150283 726-7282 / 7286

32 **Total: 0032**

- To FMS as 61-2923 / 61-2927.

## P2V-7U

As P2V-7, electronic reconn. version delivered to the USAF as **RB-69A**.

produced 1954

Lockheed Burbank, California (V)

BuNo. 135612, 140438 726-7047, 7097

BuNo. 140440, 140442 726-7099, 7101

BuNo. 141233 726-7105

5 **Total: 0005**

**Total: 1102**

*Foreign Built – Japan:*

## P-2J

Japanese built P2V-7, lighter airframe, turboprop engine upgrade.

produced 1969 – 1978

Kawasaki Heavy Industries Ltd., Gifu, Japan

(JMSDF) 4702 / 4783 7001 / 7082

82 **Total: 0082**

## NEPTUNE CONVERSIONS

### US Navy

P2V-2L 2 P2V-2, 1949, cold weather conversions with ski-wheels.

P2V-3B 16 10 P2V-3C / 6 P2V-3W, close air support trial aircraft.

P2V-3C 12 1 P2V-2 / 11 P2V-3, 1948-1952, carrier launched nuclear bombers.

**P2V-5F 372** P2V-5, 1953, underwing jet pods added, upgraded engines / systems.

(P2V-5FD) 9 P2V-5F, drone director conversions.

(P2V-5FE) 1+ P2V-5F, upgraded electronics.

(P2V-5FS) 1+ P2V-5F, sound detection electronics upgrade.

**P2V-6F 67** P2V-6, underwing jet pods added.

P2V-6T 1+ P2V-6, crew trainer conversions.

YP2V-7 1 P2V-7(135544), 1954, service test aircraft for P2V-7.

**(Model 126-52-08) MCR P2V-73**

1 P2V-2, 1950, testbed conversion for 4-crew bombing ops.

**(Model 326-59-09) P2V-3Z**

2 P2V-3, 1950, battlefield staff transports, armour plated cabin.

## USAF

**RB-69A**            **7**    5 P2V-7U / 2 P2V-7, 1954, electronic surveillance trainers.  
New s/n: 54-4037 / 54-4043, last 2 were P2V-7's, all later  
back to US Navy as SP-2H.

## US Navy / USAF (1962 redesignations)

*Original BuNo.'s retained.*

**P-2D**            **1+**    1962, redesignation of the P2V-4.  
**P-2E**            **1+**    1962, redesignation of the P2V-5F.  
(AP-2E)         **6**    P-2E, 1967-1972, close air support aircraft in Vietnam.  
(NP-2E)         **2**    P-2E, conversions for permanent testing.  
(OP-2E)         **12**    P-2E, 1967-1968, area surveillance aircraft in Vietnam.  
(RP-2E)         **1+**    P-2E, US Army electronic platform in Vietnam.  
**DP-2E**         **1+**    1962, redesignation of the P2V-5FD.  
**EP-2E**         **1+**    1962, redesignation of the P2V-5FE.  
**SP-2E**         **1+**    1962, redesignation of the P2V-5FS.  
**P-2F**            **1+**    1962, redesignation of the P2V-6.  
**MP-2F**         **1+**    1962, redesignation of the P2V-6M.  
**TP-2F**         **1+**    1962, redesignation of the P2V-6T.  
**P-2G**            **1+**    1962, redesignation of the P2V-6F.  
**YP-2H**         **1+**    1962, redesignation of the YP2V-7.  
**P-2H**            **1+**    1962, redesignation of the P2V-7.  
(AP-2H)         **4**    P-2H, 1966-1969, night interdiction aircraft in Vietnam.  
(DP-2H)         **1+**    P-2H, drone director aircraft.  
(EP-2H)         **1+**    P-2H, US Navy airborne relay platforms.  
(NP-2H)         **1**    P-2H(150283), conversion for permanent testing.  
**SP-2H**         **53**    1962, redesignation of 14 P2V-7B, 32 P2V-7S, 7 P2V-7U (RB-69A).  
Many other P2V-7's upgraded to this standard.  
**LP-2J**         **4**    1962, redesignation of the P2V-7LP.

## Foreign Conversions

**P2V-7Kai**       **1**    P2V-7(149109, 4637), 1966, prototype turboprop engine upgrade.  
Kai (*Kaizo* – modified). Later to P-2J standard, reseried: 4701.  
UP-2J            **6**    P-2J, 1978, conversions to ELINT and ECM training in Japan.  
(EP-2J)         **2**    UP-2J, conversions with ELINT gathering equipment.

## **FOREIGN MILITARY / CIVILIAN SERVICE**

- *Neptune aircraft in service with Argentina, Australia, Brazil, Canada, Chile, France, Japan, The Netherlands and Portugal.*
- *Many Neptunes sold on the civil market as fire-bombers and freight aircraft.*