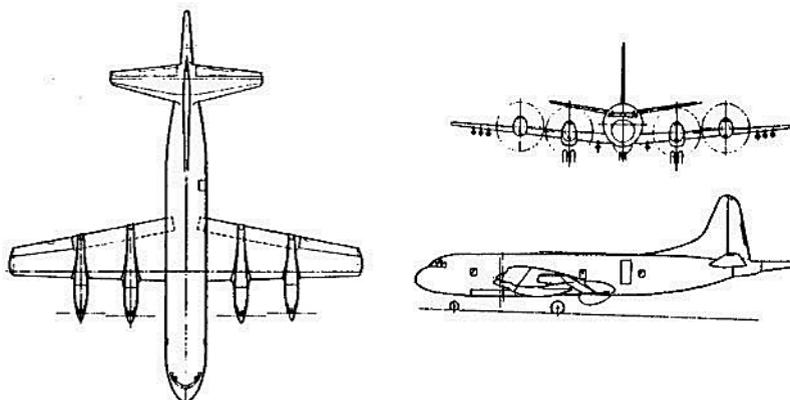


# CHARACTERISTICS SUMMARY

ASW PATROL

P3V-1



WING AREA 1300 sq. ft.  
WING SPAN 99'

LENGTH 109' 10.7"  
HEIGHT 33' 8.4"

| AVAILABILITY     |         |       | PROCUREMENT                         |  |  |  |
|------------------|---------|-------|-------------------------------------|--|--|--|
| NUMBER AVAILABLE |         |       | NUMBER DELIVERED<br>IN FISCAL YEARS |  |  |  |
| ACTIVE           | RESERVE | TOTAL |                                     |  |  |  |
|                  |         |       |                                     |  |  |  |

## STATUS

First Flight YP3V-1 prototype aircraft ..... November 1959  
 First Flight P3V-1 production aircraft ..... March 1961  
 Fleet Deliveries Commence..... July 1962

### ENGINES

(4) T56A-10W

|                |               |            |
|----------------|---------------|------------|
| Equiv. Exhaust |               |            |
| <u>SHP</u>     | <u>Thrust</u> | <u>RPM</u> |

|       |      |     |        |
|-------|------|-----|--------|
| T.O.* | 4500 | 750 | 13,820 |
| Mil.  | 4050 | 740 | 13,820 |
| Norm. | 3730 | 718 | 13,820 |

\*Augmented

### FEATURES

CREW - 10

Similar to Electra  
contains radome and  
MAD tail cone extension

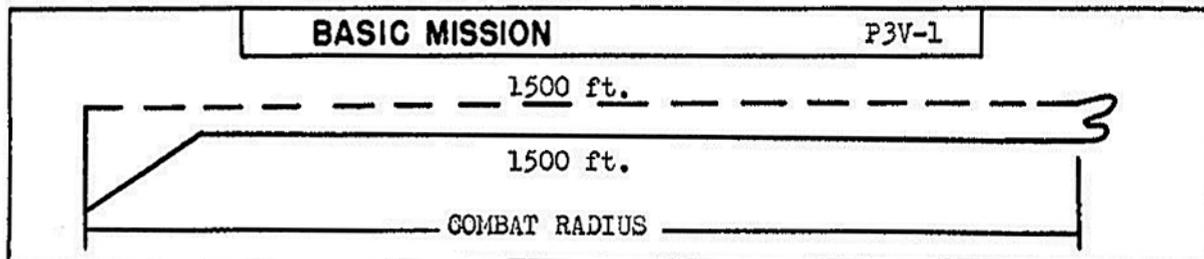
### ARMAMENT

TORPEDOES

(8) Mk-43 or Mk-44

Bombs and Rockets

## CHARACTERISTICS SUMMARY



| PERFORMANCE   |   |  |
|---|---|--|
| COMBAT RADIUS   | COMBAT RANGE  | SPEED  |
| 1045 naut. mi.<br>350 knots avg.<br>9.05 hrs. mission time<br>4,902 lbs - payload<br>3.0 hrs - search time<br>225 kts. - search speed | 2888 naut. mi.<br>350 knots avg.                                  | 360 knots at S.L. ft.<br>380 knots at 15,000 ft.<br>knots at ft.<br>Combat Weight<br>Power |
| CLIMB   | CEILING   | TAKE OFF   |
| 1660 ft./min.<br>Sea Level, T. O. wt.<br>Normal Power   | 22,200 ft.<br>100 ft./min., T. O. wt.<br>Normal Power             | 3440 ft. - Calm<br>Take-Off power  |
| 2680 ft./min.<br>Combat wt. at 1500 ft.<br>Military Power   | 27,000 ft.<br>500 ft./min., Combat wt.<br>Military Power          | 5110 ft. - Calm<br>to clear 50 ft. obstacle<br>Take-Off Power                              |
| LOAD  | WEIGHTS   | STALLING SPEED   |
| Fuel 60,000 gal.<br>fixed 60000 drop _____  | Empty 57,260 lbs.<br>Combat 101,500 lbs.<br>Take-off 125,800 lbs. | 119 knots<br>Flaps down, T. O. wt.   |
|   |   | TIME TO CLIMB  |
|   |   | 20,000 ft. in 23.5 min.<br>Take-Off wt, Norm. Power  |

### NOTES

**PERFORMANCE BASIS:** Calculations

**RANGE and RADIUS:** Based on engine specification fuel consumption data increased by 5%.