

Martin Aircraft Specifications

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P6M SeaMaster

Customer Model Type	Martin Model No.	Martin Serial No.	Customer Serial No.	Type/Customer	Delivery Date	Contract Number	First Flight	Total Built	Engine(s)	Notes
XP6M-1	275	N/A	138821-138822	Attack seaplane/ Navy	-	N/A	7/14/55	2	Four Allison J71-A-4's	Contract awarded by the Navy on 10/31/52. Both aircraft destroyed in separate crashes; 138821 on 12/7/55 (crew killed) and 138822 on 11/9/56.
YP6M-1	275A	N/A	143822-143827	Attack seaplane/ Navy	-	N/A	1/20/58	6	Four Allison J71-A-4's	Service, test, and evaluation models incorporated some changes including production armament, engine nacelle, and radar. Y-models also considered production aircraft.
P6M-2	275B	N/A	145876-145883	Attack seaplane/ Navy	-	N/A	2/17/59 (145878)	8	Four P&W J75-P-2's	Aircraft 145877-145879 were only models that flew. Production contract originally announced for 30 units went to 24 on 6/28/57, then to 14 (including Y-models) on 11/24/58. Program terminated on 8/21/59.

SPECIFICATIONS: XP6M-1 / YP6M-1

Description:	Multi-jet attack/reconnaissance seaplane
Engine:	Four 13,000 lb thrust Allison J71-A-4 turbojet engines with takeoff afterburners
Dimensions:	XP6M-1: span: 102 ft 7 in (40° sweep); length: 133 ft 0.5 in; height: 32 ft 0.55 in; wing area: 1,900 sq ft / YP6M-1: span: 102 ft 7 in; length: 134 ft 0.5 in; height: 32 ft 4.68 in
Weights:	XP6M-1: 80,390 lb empty; 160,000 lb loaded / YP6M-1: 86,239 lb empty; 166,391 lb loaded
Crew:	4 (pilot, copilot, navigator/radio operator, flight test engineer)
Armament:	Two flexible aft firing 20mm cannon in tail; rotary bomb bay capable of dispensing 30,000 lb of ordnance (bombs, mines, depth charges, nuclear)
Performance:	Maximum speed: 600 mph; service ceiling: 40,000 ft; range: 2,000 miles

SPECIFICATIONS: P6M-2

Description:	Multi-jet attack/reconnaissance seaplane
Engine:	Four Allison J75-P-2 turbojet engines
Dimensions:	Span: 102 ft 10.55 in (40° sweep); length: 134 ft 0.5 in; height: 32 ft 4.68 in; wing area: 1,900 sq ft
Weights:	91,284 lb empty; 176,400 lb loaded
Crew:	4 (pilot, copilot, navigator/radio operator, flight engineer)
Armament:	Two flexible aft firing 20mm cannon in tail; rotary bomb bay capable of dispensing 30,000 lb of ordnance (bombs, mines, depth charges, nuclear)
Performance:	Maximum speed: 633 mph; service ceiling: 40,000 ft; range: 2,000 miles