

Martin Aircraft Specifications

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Navy Seaplanes 1925-1928

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
SC-1	69	98-132	A6801-A6835	Scout, torpedo, & bomber/Navy	8/22/25	60451	N/A	35	Wright T-2 water-cooled	Designed in conjunction with the Bureau of Aeronautics, Martin successfully underbid Curtiss by \$12K per plane to win the contract.
SC-2	69	133-172	A6928-A6967	3 purpose/Navy	1/9/26	62442	N/A	40	Wright T-3 water-cooled	The SC-2 was structurally similar to the -1, but with minor differences in the arrangement of equipment.
T3M-1	73	174-197	A7065-A7088	3 purpose/Navy	2/17/27	66051	N/A	24	Wright T-3B water-cooled	Similar to the SC-2, but with two major changes: fuselage constructed of alloy steel tubing (first of its kind) and the "side-by-side" seat arrangement was moved ahead of the wing.
T3M-2	73	198-297	A7224-A7323	3 purpose/Navy	10/18/27	67732	N/A	100	Packard 3A-2500 water-cooled	Changes from the -1 include engine, crew disposition, and minor extension of upper wing.
XT3M-3	73	(198)	(A7224)	3 purpose/Navy	N/A	N/A	N/A	(1) modified	P&W R-1690-24 Hornet air-cooled radial	Pratt & Whitney radial applied to first T3M-2 model (A7224).
XT3M-4	73	298 (198)	(A7224)	3 purpose/Navy	2/2/28	N/A	N/A	(1) modified	Wright R-1750 Cyclone air-cooled radial	New Wright engine applied to XT3M-3. The modifications made to -3 and -4 by Naval Aircraft Factory assisted in the design of the XT4M-1.

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SPECIFICATIONS: SC-1

Description:	3 Purpose (torpedo, bomber, scout) Navy biplane
Engine:	525 hp Wright T-2 Typhoon
Dimensions:	Span: 56 ft 6 in (lower wing); length: 40 ft 3 in (seaplane), 38 ft 6 in (landplane); height: 16 ft 0 in (seaplane), 15 ft 2 in (landplane); wing area: 856 sq ft
Weights:	9025 lb loaded (seaplane), 8310 lb loaded (landplane)
Crew:	3 (pilot/navigator, copilot/bombardier, gunner/radio operator)
Armament:	One flexible 0.30-in gun in rear cockpit, two above; one 1610 lb torpedo
Performance:	Maximum speed: 101 mph; cruising speed: 54.5 mph; climb: 2930 ft/10 min; service ceiling: 5850 ft (seaplane), 7950 ft (landplane); range: 1240 miles

SPECIFICATIONS: SC-2

Description:	3 Purpose Navy biplane
Engine:	540 hp Wright T-3 Typhoon
Dimensions:	Span: 56 ft 6 in (lower wing); length: 41 ft 9 in (seaplane), 37 ft 9 in (landplane); height: 16 ft 0 in (seaplane), 14 ft 8 in (landplane); wing area: 856 sq ft
Weights:	9323 lb loaded (seaplane), 8422 lb loaded (landplane)
Crew:	3 (pilot/navigator, copilot/bombardier, gunner/radio operator)
Armament:	One flexible 0.30-in gun in rear cockpit, two above; one 1610 lb torpedo
Performance:	Maximum speed: 102 mph; cruising speed: 54.5 mph; climb: 2930 ft/10 min; service ceiling: 5430 ft (seaplane), 7470 ft (landplane); range: 1240 miles

SPECIFICATIONS: XSC-6 / XSC-7

Description:	3 Purpose Navy biplane
Engine:	XSC-6: 730 hp Packard 3A-2500; XSC-7: 575 hp Wright geared T-3B Typhoon
Dimensions:	Span: 56 ft 6 in (lower wing); length: XSC-6: 38 ft 5 in, XSC-7: 41 ft 9 in (seaplane), 37 ft 9 in (landplane); height: XSC-6: 15 ft 2 in, XSC-7: 16 ft 0 in (seaplane), 14 ft 8 in (landplane); wing area: 856 sq ft
Weights:	XSC-6: 8484 lb loaded, XSC-7: 9343 lb loaded (seaplane), 8609 lb loaded (landplane)
Crew:	3 (pilot/navigator, copilot/bombardier, gunner/radio operator)
Armament:	One flexible 0.30-in gun in rear cockpit, two above; one 1610 lb torpedo
Performance:	Maximum speed: XSC-6: 113 mph, XSC-7: 109 mph; service ceiling: 12,400 ft

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SPECIFICATIONS: T3M-1

Description:	3 Purpose Navy biplane
Engine:	575 hp Wright geared T-3B Typhoon
Dimensions:	Span: 56 ft 7 in (lower wing); length: 42 ft 9 in (seaplane), 41 ft 9 in (landplane); height: 16 ft 0 in (seaplane) 15 ft 1 in (landplane); wing area: 848 sq ft
Weights:	9840 lb loaded (seaplane), 9879 lb loaded (landplane)
Crew:	3 or 4 (pilot/navigator, copilot/bombardier, gunner/radio operator, gunner)
Armament:	One flexible 0.30-in gun in rear cockpit, two above; one 1610 lb torpedo
Performance:	Maximum speed: 108 mph; cruising speed: 78 mph; climb: 3200 ft/10 min; service ceiling: 3500 ft (seaplane), 5700 ft (landplane); range: 972 miles

SPECIFICATIONS: T3M-2

Description:	3 Purpose Navy biplane
Engine:	730 hp Packard 3A-2500
Dimensions:	Span: 56 ft 7 in (both wings); length: 42 ft 6 in (seaplane), 41 ft 4 in (landplane); height: 15 ft 11 in (seaplane) 15 ft 1 in (landplane); wing area: 883 sq ft
Weights:	10,209 lb loaded (seaplane), 9503 lb loaded (landplane)
Crew:	3 or 4 (pilot/navigator, copilot/bombardier, gunner/radio operator, gunner)
Armament:	One flexible 0.30-in gun in rear cockpit, two above; one 1610 lb torpedo
Performance:	Maximum speed: 109.4 mph; climb: 5050 ft/10 min; service ceiling: 5950 ft (seaplane), 7900 ft (landplane); range: 755 miles