

Martin Aircraft Specifications

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MB Series

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
G (GMB-G)	-	1-4	39055-39058 (39056=P-88; 39057=P-72*)	Gunner/Army	2/6/19	2611-A	8/17/18	4	Two 400 hp Liberty V-12's	First plane sent to the Smithsonian, 4/26/19. The second used in 9823 mile "Around the Rim" US flight between 7/24/19 and 11/9/19 (also sent to Smithsonian).
M (GMB-M)	-	5-7	39059-39060 and 62948 (39059=P-104*)	Bomber/Army	9/25/19	2611-A	N/A	3	Liberties	Second of three (39060) delivered to Smithsonian in original crate.
TA (GMB-TA)	-	8	62949 (P-87*)	Transatlantic/ Army	3/14/19	2611-A	N/A	1	Liberties	Destroyed by storm at Hazelhurst Field, Long Island.
CA (GMC)	-	9	62950 (P-106*)	Cannon/Army	9/3/19	2611-A	N/A	1	Liberties	Tested with a 37mm cannon or a 3-inch recoilless rifle in the nose.
12P (GMP) (GMT)	-	10	62951 (P-110*)	12 Passenger/ Army	9/17/19	2611-A	N/A	1	Liberties	Crashed March 5, 1923.
MP	-	11-16	AM201-AM206	Mail plane/ US Postal Air Service, Army	1/2/20	AP-1	N/A	6	Liberties	Utilized carrying mail and freight between New York and Chicago.
MBT	-	17-18	A5711-A5712	Bomber, torpedo/ Navy	4/1/20	48905	N/A	2	Liberties	
MT	-	19-26	A5713-A5720	Bomber, torpedo/ Navy, Marine Corps	9/30/20	48905	N/A	8	Liberties	New folding wings of 74 ft 2 in span applied.
MB-2 (NBS-1)	-	27-46	64195-64214	Bomber/Army	6/28/21	277	N/A	20	Two 420 hp Liberties	Definitive biplane "Martin Bomber" used in bombing trials sinking battleships. Eventually lost contract to Curtiss for 50 NBS-2's.

Note: MB-1 serial designations marked with an (*) signify McCook Field test numbers.

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SPECIFICATIONS: MB-1 / MP / MBT

Description:	Twin tractor biplane bomber
Engine:	Two 400 hp Liberty water cooled V-12's
Dimensions:	Span: 71 ft 5 in; length: 46 ft 4 in; height: 14 ft 0 in; wing area: 1070 sq ft
Weights:	MB-1G: 5172 lb empty, 7763 lb loaded; MB-1M: 6702 lb empty, 10,225 lb loaded; 12P: 6500 lb empty, 10,255 lb loaded; MP: 6500 lb empty, 10,132 lb loaded; MBT: 6500 lb empty, 12,098 lb loaded
Crew:	MB-1/MBT: 4 (pilot, copilot/navigator, gunner/bombardier, rear gunner) / 12P/MP: 2 (pilot, copilot/navigator)
Armament:	MB-1G: 5 Lewis machine guns, 220 lbs of bombs; MB-1M: 3 or 4 Lewis guns, 1500 lbs of bombs; MBT: 4 Lewis guns, 1650 lb torpedo
Performance:	Maximum speed: MB-1G: 118-120 mph, MB-1M/MBT: 105 mph, 12P/MP: 115 mph; cruising speed: MB-1G/MB-1M: 92 mph, 12P: 60 mph, MP: 54 mph, MBT: 60 mph; climb: MB-1G: 8700 ft/10 min, MB-1M: 6300 ft/10 min, 12P/MP: 6670 ft/10 min, MBT: 5100 ft/10 min; service ceiling: MB-1G: 16,000 ft, MB-1M: 10,300 ft; range: MB-1G: 824 miles, MB-1M: 780 miles, 12P/MP: 1100 miles, MBT: 912 miles, MB-1TA: 1500 miles

SPECIFICATIONS: MT / MB-2 / NBS-1

Description:	Twin tractor biplane bomber
Engine:	Two 420 hp Liberty water cooled V-12's
Dimensions:	Span: 74 ft 2 in; length: 43 ft 7.31 in; height: 15 ft 6.75 in; wing area: 1121 sq ft
Weights:	7864 lb empty, 13,695 lb loaded
Crew:	4 (pilot, copilot/navigator, gunner/bombardier, rear gunner)
Armament:	5 Lewis machine guns (2 forward, 3 aft), 1800-3000 lbs of bombs
Performance:	Maximum speed: 101 mph; cruising speed: 91 mph; climb: 3910 ft/10 min; service ceiling: 8500 ft; range: 1116 miles