

# Martin Aircraft Specifications

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## 167 Maryland 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
XA-22	167	876	AC40-706	Experimental attack bomber/ US Army	9/28/39	W535 ac-13142	3/39	1	Two P&W R-1830-37's	"Sample article" in Wright Field attack bomber competition, March 1939. Designed by James S. McDonnell.
167-A3	167-F1 167-F2	879-993 994-1093	1-115 116-215	Attack bomber/ France	12/12/39 2/28/40	AIR-1 AIR-7	N/A N/A	115 100	Two P&W R-1830-SC3G's	First French contracts. C-Bldg (formerly the French Building) was built in just 77 days to accommodate the large order.
167-A3 (Armor plated version)	167-F3 (167-B3)	1096-1190	216-310	Attack bomber/ France	6/18/40	AIR-35	N/A	95	Two P&W R-1830-SC3G's	The F3 model had armor protection for crew and fuel; approximately 50 French models served in RAF as Maryland Mk I's.
Maryland Mk I	167-B3	1191-1225	311-345	Light bomber/ Great Britain	7/25/40	F-272	N/A	35	Two P&W R-1830-SC3G's	167-F3 models given British controls and instruments.
Maryland Mk II	167-B4 (167-F4)	1827-1976	AH-280 - AH-429	Light bomber/ Great Britain	4/14/41	F-272	N/A	150	Two P&W R-1830-S3C4G's	Former 167-F4 models originally intended for France; had self sealing fuel cells.

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## SPECIFICATIONS: XA-22

<b>Description:</b>	Twin engined attack bomber
<b>Engine:</b>	Two 1050 hp Pratt & Whitney R-1830-37 Cyclones
<b>Dimensions:</b>	Span: 61 ft 4 in; length: 46 ft 8 in; height: 10 ft 0 in; wing area: 538.5 sq ft
<b>Weights:</b>	11,972 lb empty; 16,744 lb loaded
<b>Crew:</b>	3 (pilot, navigator/bombardier, radio operator/gunner)
<b>Armament:</b>	4 fixed 0.30-in Browning wing mounted guns, 2 flexible 0.30-in guns (one each in dorsal and ventral positions); 1,250 lb of bombs
<b>Performance:</b>	Maximum speed: 277 mph; cruising speed: 260 mph; service ceiling: 20,000 ft; range: 1,200 miles

## SPECIFICATIONS: 167-F3 (B3)

<b>Description:</b>	Twin engined attack bomber
<b>Engine:</b>	Two 1050 hp Pratt & Whitney R-1830-SC3G Cyclones
<b>Dimensions:</b>	Span: 61 ft 4 in; length: 46 ft 8 in; height: 10 ft 0 in; wing area: 538.5 sq ft
<b>Weights:</b>	N/A
<b>Crew:</b>	3 (pilot, navigator/bombardier, radio operator/gunner)
<b>Armament:</b>	4 fixed 0.30-in Browning wing mounted guns, 2 flexible MAC 34 7.5mm guns (one each in dorsal and ventral positions) / 0.303 dorsal mounted Vickers K guns in British planes, two 0.30-in Browning ventral scatter guns; up to 1,760 lb of bombs
<b>Performance:</b>	Maximum speed: 278 mph; service ceiling: 26,000 ft

## SPECIFICATIONS: 167-F1 / 167-F2

<b>Description:</b>	Twin engined attack bomber
<b>Engine:</b>	Two 1050 hp Pratt & Whitney R-1830-SC3G Cyclones with single speed supercharger
<b>Dimensions:</b>	Span: 61 ft 4 in; length: 46 ft 8 in; height: 10 ft 0 in; wing area: 538.5 sq ft
<b>Weights:</b>	10,586 lb empty; 15,297 lb loaded
<b>Crew:</b>	3 (pilot, navigator/bombardier, radio operator/gunner)
<b>Armament:</b>	4 fixed 0.30-in Browning wing mounted guns, 2 flexible MAC 34 7.5mm guns (one each in dorsal and ventral positions, 10 magazines of 100 cartridges); up to 1,760 lb of bombs
<b>Performance:</b>	Maximum speed: 304 mph; cruising speed: 248 mph; service ceiling: 29,500 ft; range: 1,200 miles

## SPECIFICATIONS: 167-B4 Maryland Mk II

<b>Description:</b>	Twin engined light bomber
<b>Engine:</b>	Two 1050 hp Pratt & Whitney R-1830-S3C4G Cyclones with two speed geared supercharger
<b>Dimensions:</b>	Span: 61 ft 4 in; length: 46 ft 8 in; height: 10 ft 0 in; wing area: 538.5 sq ft
<b>Weights:</b>	11,213 lb empty; 16,808 lb loaded
<b>Crew:</b>	3 (pilot, navigator/bombardier, radio operator/gunner)
<b>Armament:</b>	4 fixed 0.30-in Browning wing mounted guns, 2 flexible 0.303 Vickers K guns or British Brownings (one each in dorsal and ventral positions), two 0.30-in Browning ventral scatter guns; up to 2,000 lb of bombs
<b>Performance:</b>	Maximum speed: 316 mph; service ceiling: 31,000 ft; range: 16,000 miles, 13,000 with 1,250 lbs of bombs