

# Martin Aircraft Specifications

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## Mars

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
XPB2M-1	170 (160B)	877	1520	Long range patrol bomber/Navy	-	62482	-	1	Four Wright R-3350-8's	Ordered on 8/23/38. Engine and fuselage heavily damaged in fire prior to first flight, 12/5/41. Later dubbed "The Old Lady."
XPB2M-1R	170	(877)	(1520)	Long range cargo transport/Navy	12/31/43	NOa (s) -465	7/3/42	(1) modified	Four Wright R-3350-8's	All armament removed and converted to transport.
JRM-1(Hawaii; Philippine; Marianas; Marshall; Hawaii)	170A	9263 9264 9265 9266 9267	76819 76820 (CF-LYK) 76821 (CF-LYJ) 76822 76823 (CF-LYL)	Long range cargo transport/Navy Fire tanker/ <i>Forest Industry Flying Tankers (FIFT)</i>	- 6/26/46 2/28/46 N/A 4/23/46	NOa (s) -668	7/21/45 N/A N/A N/A	1 1 1 1	Four Wright R-3350-8's	Sank 8/5/45; disposed for scrap. Fighting fires at Sprout Lake, B.C. Crashed Vancouver, 6/23/61. Destroyed by fire, sank 4/5/50. Fighting fires at Sprout Lake, B.C.
JRM-2 (Caroline)	170B	9268	76824 (CF-LYM)	Long range cargo transport/Navy Fire tanker/ <i>FIFT</i>	5/48	NOa (s) -668	N/A	1	Four P&W R-4360-4's	Engines changed to Pratt & Whitney; gross weight increased by 20,000 lbs. Lost in hurricane, Victoria Airport, Vancouver, 10/12/62.
JRM-3	170B	(9264-9267)	(76820-76823)	Long range cargo transport/Navy Fire tanker/ <i>FIFT</i>	N/A	NOa (s) -668	N/A	(4) modified	Four P&W R-4360-4's	All remaining JRM-1's were modified to -3's with uprated Pratt Wasp Major "Corncob" engines. Operated by VR-2 based at Alameda.

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## SPECIFICATIONS: XPB2M-1 / XPB2M-1R

<b>Description:</b>	Long range Navy patrol bomber/cargo transport
<b>Engine:</b>	Four 2200 hp Wright R-3350-8 Cyclones
<b>Dimensions:</b>	Span: 200 ft 0 in; length: 117 ft 3 in; height (on beaching gear): 38 ft 5 in; wing area: 3683 sq ft; cargo volume: 4000 cu ft; payload: 16,000 lb
<b>Weights:</b>	144,000 lb loaded
<b>Crew:</b>	7-13; passengers: 40; troops: 133 (with equipment)
<b>Armament:</b>	Three single flexible 0.30-in guns in partially powered turrets, 10,000 lbs of bombs and aerial torpedoes; XPB2M-1R: armament removed
<b>Performance:</b>	Maximum speed: 224 mph; cruising speed: 140 mph; service ceiling: 17,000 ft; range: 4375 miles

## SPECIFICATIONS: JRM-1 / JRM-2 / JRM-3

<b>Description:</b>	Long range Navy cargo transport
<b>Engine:</b>	JRM-1: four 2200 hp Wright R-3350-8's / JRM-2/JRM-3: four 3000 hp Pratt & Whitney R-4360-4 Wasp Majors
<b>Dimensions:</b>	JRM-1: span: 200 ft 0 in; length: 120 ft 3 in; height (on beaching gear): 44 ft 7 in; wing area: 3686 sq ft; cargo volume: 4000 cu ft; payload: 18,000 lb / JRM-2: payload: 30,000 lb
<b>Weights:</b>	JRM-1: 148,500 lb loaded / JRM-2: 165,000 lb loaded
<b>Crew:</b>	7-13; passengers: up to 301; troops: 133 (with equipment)
<b>Armament:</b>	None
<b>Performance:</b>	JRM-1: maximum speed: 238 mph; cruising speed: 185 mph; service ceiling: 17,000 ft; range: 5800 miles / JRM-2: cruising speed: 215 mph; range: 6750 miles