

# Martin Aircraft Specifications

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## First Planes 1909-1917

Customer Model Type	Martin Model No.	Customer Serial No.	Type/Customer	Delivery Date	Contract Number	First Flight	Total Built	Engine(s)	Notes
-	-	-	Pusher/Martin	8/1/09	-	8/1/09	1	Curtiss O	First plane built in abandoned Methodist church, Santa Ana, October, 1908-August, 1909.
-	-	-	Pusher/Martin Flying School	10/11	-	N/A	1	Curtiss O	Used by Glenn Martin's "Flying School."
-	-	-	Pusher/Martin	4/12	-	N/A	1	Curtiss O	Demonstrated to Mexican government.
-	-	-	Pusher/Gorst & King	7/12	-	N/A	1	Curtiss O	
-	-	-	Pusher/Naval Militia	10/12	-	N/A	1	Hall-Scott 60 hp	"Copper kettle" engine.
T	-	-	Armored tractor/Martin	4/13	-	N/A	1	Gnome 50 hp	First Model T built as an "armored plane" and demonstrated at the Perry Centennial.
TT	-	-	Trainer/US Gov't	7/15	-	N/A	4	Curtiss OX	Used by "Martin Section" of US Government.
"	-	-	"	10/15	-	"	2	Renault	
"	-	-	Trainer/Martin	7/15	-	"	1	Curtiss OX	Used for training by Martin Flying School.
"	-	-	Trainer/Macy	6/21/16	-	"	1	"	
"	-	-	Trainer/G.Edwards	4/22/16	-	"	1	"	
"	-	-	Trainer/Holland E.I.	7/6/16	-	"	2	"	
"	-	-	"	1/9/17	-	"	2	H-S A-7	
"	-	-	Trainer/Signal Corps	12/30/16	-	"	1	Curtiss OX	Used by Signal Corps' flying school.
"	-	-	"	11/14/16	-	"	1	H-S A-7	
"	-	-	"	2/26/17	-	"	6	Curtiss OX	
TA-1	-	-	Tractor/W. Boeing	9/15	-	N/A	1	H-S A-5	Seaplane purchased by William Boeing.
TA-2	-	-	Tractor/Holland E.I.	7/15	-	N/A	1	H-S A-5	Land plane.
TA-3	-	-	Tractor/Holland E.I.	7/15	-	N/A	1	H-S A-5	Land plane.
S	-	-	Biplane/Army	1/30/16	-	N/A	4	H-S A-5	The first aircraft designed by Donald Douglas.
"	-	-	Biplane/Holland E.I.	1/17	-	"	6	"	Second ship was destroyed on March 3, 1916.
"	-	-	Biplane/Navy	3/6/16	-	"	2	"	
"	-	-	Biplane/C. S. Bragg	N/A	-	"	1	"	Caleb Smith Bragg machine charged to stock.
"	-	-	Biplane/Signal Corps	7/22/16	-	"	1	"	
R	-	-	Biplane/Martin	8/6/16	-	N/A	2	H-S A-5	Martin demo models (Inglewood and New York).
"	-	-	Biplane/Holland E.I.	1/9/17	-	"	8	"	
"	-	-	Biplane/Army	12/14/16	-	"	2	"	
"	-	-	Biplane/Martin stock	N/A	-	"	4	"	Stock machines never sold.

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## SPECIFICATIONS: First Pusher

<b>Description:</b>	Curtiss type pusher biplane
<b>Engine:</b>	15 hp Ford / 30 hp Elbridge
<b>Dimensions:</b>	Span: 40 ft 3.4 in; length: 35 ft 2 in
<b>Weights:</b>	1150 lb loaded
<b>Crew:</b>	1
<b>Armament:</b>	None
<b>Performance:</b>	Landing speed: 4 mph; maximum speed: 38 mph

## SPECIFICATIONS: TT Series

<b>Description:</b>	Tractor type biplane, trainer/passenger
<b>Engine:</b>	T: 50 hp Gnome / TT: Curtiss OX, Renault, Hall-Scott A-7 / TA: Hall-Scott A-5
<b>Dimensions:</b>	Span: 33 ft 6 in; length: 24 ft 0 in; height: 9 ft 4 in; wing area: 379 sq ft
<b>Weights:</b>	1320 lb empty; 1720 lb loaded
<b>Crew:</b>	2 (pilot, copilot) or 4 (pilot, copilot, 2 passengers)
<b>Armament:</b>	None
<b>Performance:</b>	Landing speed: 45 mph; cruising speed: 80 mph; maximum speed: 96 mph; climb: 3500 ft/10 min; range: 350 miles

## SPECIFICATIONS: Model R

<b>Description:</b>	Tractor type biplane, military observation
<b>Engine:</b>	60 hp Hall-Scott A-5-A
<b>Dimensions:</b>	Span: 50 ft 8.5 in; length: 26 ft 8.5 in; height: 11 ft 2.75 in; wing area: 488.4 sq ft
<b>Weights:</b>	1905 lb empty; 2864 lb loaded
<b>Crew:</b>	2 (pilot, copilot/observer)
<b>Armament:</b>	N/A
<b>Performance:</b>	Landing speed: 47 mph; maximum speed: 88 mph; climb: 2500 ft 10 min

## SPECIFICATIONS: Great Lakes Tourer (T Type)

<b>Description:</b>	Tractor type biplane, passenger hydroplane
<b>Engine:</b>	60 ho Hall-Scott A-5
<b>Dimensions:</b>	Span: 33 ft 6 in; length: 29 ft 4 in; height: 11 ft 2 in; wing area: 320 sq ft
<b>Weights:</b>	1075 lb empty; 1700 lb loaded
<b>Crew:</b>	4 (pilot, copilot, 2 passengers)
<b>Armament:</b>	None
<b>Performance:</b>	Landing speed: 40 mph; maximum speed: 65 mph; climb: 3000 ft 10 min

## SPECIFICATIONS: Model S

<b>Description:</b>	Tractor type biplane, military observation
<b>Engine:</b>	60 hp Hall-Scott A-5-A
<b>Dimensions:</b>	Span: 51 ft 4.5 in; length: 30 ft 4.5 in; height: N/A; wing area: N/A
<b>Weights:</b>	N/A
<b>Crew:</b>	2 (pilot, copilot/observer)
<b>Armament:</b>	N/A
<b>Performance:</b>	Landing speed: 42 mph; maximum speed: 73.5 mph; climb: 3200 ft 10 min; range: 500 miles