

Martin Aircraft Specifications

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B-57 Canberra

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
(XB-57)	- -	WD832, WD940	51-17387' 51-17352	Medium bomber/ USAF	N/A 2/26/51	- -	5/13/49 N/A	1 1	Two Rolls Royce Avon 101's	Two ex-RAF English Electric B.Mk.2 Canberras posed as prototypes for the B-57 program. First model (WD832) crashed 12/21/51.
B-57A	272A	N/A	52-1418 - 52-1425	Medium bomber/ USAF	8/20/53	N/A	7/20/53	8	Two Allison J65-W-5's	52-1419 transferred to Department of Commerce 1960 for weather research, designated N1005. Supplemental order canceled.
	"	N/A	53-3983 - 53-4015		-	-	-	[33]		
RB-57A	272R	N/A	52-1426 - 52-1492	Reconnaissance/ USAF	11/53	N/A	N/A	67	Two Allison J65-W-5's	Camera installation aft of bomb bay. Supplied to 363rd Tactical Reconnaissance Wing.
EB-57A	272R	N/A	(52-1428, 52-1437, 52-1439 - 52-1442, 52-1447, 52-1448, 52-1450, 52-1461, 52-1464, 52-1489)	ECM bomber/ USAF	1965	N/A	N/A	(12)	Two Allison J65-W-5's	Modified RB-57A's for electronic warfare with ECM equipment mounted in place of ordnance. Bomb bay doors inoperative.
NRB-57A	272R	N/A	(52-1435)	Test aircraft/ USAF	N/A	N/A	N/A	(1)	Two Allison J65-W-5's	A single RB-57A allocated for testing.
B-57B	272B	N/A	52-1493 - 52-1594	Night bomber/ USAF	7/54	N/A	N/A	102	Two Allison J65-W-5's	Night Intruder model redesigned with tandem cockpit, rotary bombay, and additional wing armament. Supplied to the 3rd, 345th, and 461st Bombardment Wings.
	"	N/A	53-3859 - 53-3935					77		
	"	N/A	53-3937 - 53-3939					3		
	"	N/A	53-3941 - 53-3943					3		
	"	N/A	53-3945 - 53-3947					3		
	"	N/A	53-3949 - 53-3962					14		
EB-57B	272B	N/A	(52-1499 - 52-1507 52-1509, 52-1511, 52-1515, 52-1516, 52-1519 - 52-1521, 52-1526, 52-1545, 52-1548, 52-1551, 52-1564, 52-1571)	ECM bomber/ USAF	N/A	N/A	N/A	(22)	Two Allison J65-W-5's	B-57B's modified for electronic warfare.

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JB-57B (MSB-57B)	272B "	N/A N/A	(52-1540, 52-1594) (52-1539, 52-1562)	Missile simulator/ USAF	N/A N/A	N/A N/A	N/A N/A	(2) (2)	Two Allison J65-W-5's	Converted B-57B's for calibration of missile tracking cameras. Two models fitted with TM-76 Mace nose section housing ATRAN radar. Used by the 38th Tactical Missile Wing to develop cruise missile guidance systems.
NB-57B	272B	N/A	(52-1496, 52-1498, 52-1580, 52-1581)	Test aircraft/ USAF	N/A	N/A	N/A	(4)	Two Allison J65-W-5's	Utilized for miscellaneous testing.
RB-57B	272B	N/A	(N/A)	Reconnaissance/ USAF	N/A	N/A	N/A	(N/A)	Two Allison J65-W-5's	Modified B-57B's for photo recon and assigned to ANG squadrons.
B-57C (TB-57C)	272C	N/A	53-3825 - 53-3858 53-3936, 53-3940, 53-3944, 53-3948	Trainer/USAF	N/A	N/A	N/A	38	Two Allison J65-W-5's	Transition trainer version of the B-57B equipped with dual controls. Eventually redesignated TB-57C.
RB-57C	272C	N/A	(53-3831, 53-3841, 53-3842)	Reconnaissance/ USAF	N/A	N/A	N/A	(3)	Two Allison J65-W-5's	Photo recon version of the B-57C for Air National Guard use.
WB-57C	272C	N/A	(53-3832, 53-3842, 53-3844, 53-3850, 53-3851)	Weather/ USAF	N/A	N/A	N/A	(5)	Two Allison J65-W-5's	Modified TB-57B's for weather reconnaissance.
RB-57D-1	272D	N/A	53-3977 - 53-3982	Reconnaissance/ USAF	4/56	N/A	N/A	6	Two P&W J57-P-9's	High altitude recon model with extended wing span and optional radomes. Also utilized as high altitude test bed for Pratt engines.
RB-57D-2	"	N/A	53-3970 - 53-3976		N/A	N/A	N/A	7		
RB-57D-3	"	N/A	53-3963		N/A	N/A	N/A	1		
RB-57D-4	"	N/A	53-3964 - 53-3969		N/A	N/A	N/A	6		
EB-57D	272N	N/A	(53-3964 - 53-3966, and others)	ECM bomber/ USAF	N/A	N/A	N/A	(9)	Two P&W J57-P-9's	Nine RB-57D's converted for high altitude electronic warfare.
B-57E	272E "	N/A N/A	55-4234 - 55-4301 (55-4237, 55-4243, 55-4245, 55-4249, 55-4257, 55-4264)	General purpose/ USAF	N/A N/A	N/A N/A	N/A N/A	68 (6)	Two Allison J65-W-5's	Adaptable for either a bomber or trainer role with target towing gear. Six aircraft, with various camera installations, converted by General Dynamics for classified recon missions over Vietnam.

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EB-57E	272E	N/A	(55-4240 - 55-4242, 55-4247, 55-4253, 55-4254, 55-4260, 55-4263, 55-4266, 55-4275, 55-4276, 55-4278 - 55-4281, 55-4287, 55-4288, 55-4290, 55-4292 - 55-4296, 55-4298, 55-4300)	ECM bomber/ USAF	N/A	N/A	N/A	(25)	Two Allison J65-W-5's	Electronic warfare conversion of the B-57E.
JB-57E	272E	N/A	(55-4267)	Test aircraft/ USAF	N/A	N/A	N/A	(1)	Two Allison J65-W-5's	Utilized for temporary testing.
NB-57E	272E	N/A	(55-4257, 55-4258, 55-4262, 55-4267)	Test aircraft/ USAF	N/A	N/A	N/A	(4)	Two Allison J65-W-5's	Utilized for permanent testing.
RB-57E	272E	N/A	(N/A)	Reconnaissance/ USAF	N/A	N/A	N/A	(5)	Two Allison J65-W-5's	B-57E's converted by General Dynamics as "Patricia Lynn" night bomber and reconnaissance plane.
TB-57E	272E	N/A	(N/A)	Trainer/USAF	N/A	N/A	N/A	(N/A)	Two Allison J65-W-5's	A few uncounted B-57E's utilized as operational trainers.
RB-57F (WB-57F)	272P "	N/A N/A	63-13286 - 63-13302 63-13500 - 63-13503	Reconnaissance/ USAF	1965 1965	N/A N/A	N/A N/A	(17) (4)	Two TF33-P-11A's and two J60-P-9's	Strategic recon configuration with new 122 ft span, extended nose, and altered engine arrangement. 17 B-57B's and 4 RB-57D's were rebuilt. Later reclassified as weather recon.
B-57G	272T	N/A	(52-1578, 52-1580, 52-1582, 52-1588, 53-3860, 53-3865, 53-3877, 53-3878, 53-3886, 53-3889, 53-3898, 53-3905, 53-3906, 53-3928, 53-3929, 53-3931)	Advanced night bomber/USAF	1968	N/A	N/A	(16)	Two Allison J65-W-5's	Sixteen B-57B's modified with APQ-139 radar in chin radome, improved avionics, and advanced night sensor systems. Dubbed "Tropic Moon".

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SPECIFICATIONS: Canberra B.Mk.2 / B-57A

Description:	Twin jet tactical medium bomber
Engine:	Two 6,500 lb thrust Roll-Royce Avon 101 turbojet engines (later two 7,220 lb thrust Allison J65-W-1 axial flow turbojet engines)
Dimensions:	Span: 64 ft 0 in; length: 65 ft 10 in; height: 15 ft 3 in; wing area: 960 sq ft
Weights:	29,241 lb empty; 48,421 lb loaded
Crew:	2 (pilot/bombardier, navigator/radio operator)
Armament:	Up to 4,000 lb of internal ordnance / B-57A: additionally, up to 3,000 lb of bombs or rockets on external wing mounts
Performance:	service ceiling: 51,400 ft; climb: 5,700 ft/min;

SPECIFICATIONS: B-57B / B-57C / B-57E

Description:	Twin jet tactical medium bomber
Engine:	Two 7,220 lb thrust Allison J65-W-5 axial flow turbojet engines
Dimensions:	Span: 64 ft 0 in; length: 65 ft 6 in; height: 15 ft 7 in; wing area: 960 sq ft
Weights:	30,000 lb empty; 49,500 lb loaded / B-57E: 37,500 lb empty; 55,000 lb loaded
Crew:	2 (pilot/bombardier, navigator/radio operator)
Armament:	Eight wing mounted 0.50-in guns or four 20mm cannon; up to 4,000 lb of internal ordnance; up to 3,000 lb of bombs or rockets on external wing mounts / B-57E: add two wing mounted air-to-air rocket canisters
Performance:	Maximum speed: 580 mph; service ceiling: 48,000 ft; climb: 3,500 ft/min; range 2,300 miles (2,650 miles with droppable fuel tanks) / B-57E: maximum: 600 mph, 475 mph loaded

SPECIFICATIONS: RB-57D-1/4 / RB-57F

Description:	High altitude long range reconnaissance
Engine:	RB-57D: two 9,700 lb thrust Pratt & Whitney J57-P-9 turbojet engines / RB-57F: two Pratt & Whitney J60-P-9's
Dimensions:	Span: 109 ft 6 in; length: 65 ft 6 in; height: 15 ft 7 in / RB-57F: span: 122 ft 0 in
Weights:	N/A
Crew:	1-2 (pilot/navigator, ECM operator)
Armament:	N/A
Performance:	RB-57F: maximum speed: 590 mph at 60,000 ft; service ceiling: 62,000 ft