

HISTORY OF
THE A. C. GILBERT COMPANY
New Haven, Conn.

ACCOMPLISHMENTS
IN WORLD WAR II

VOLUME 1 ✓

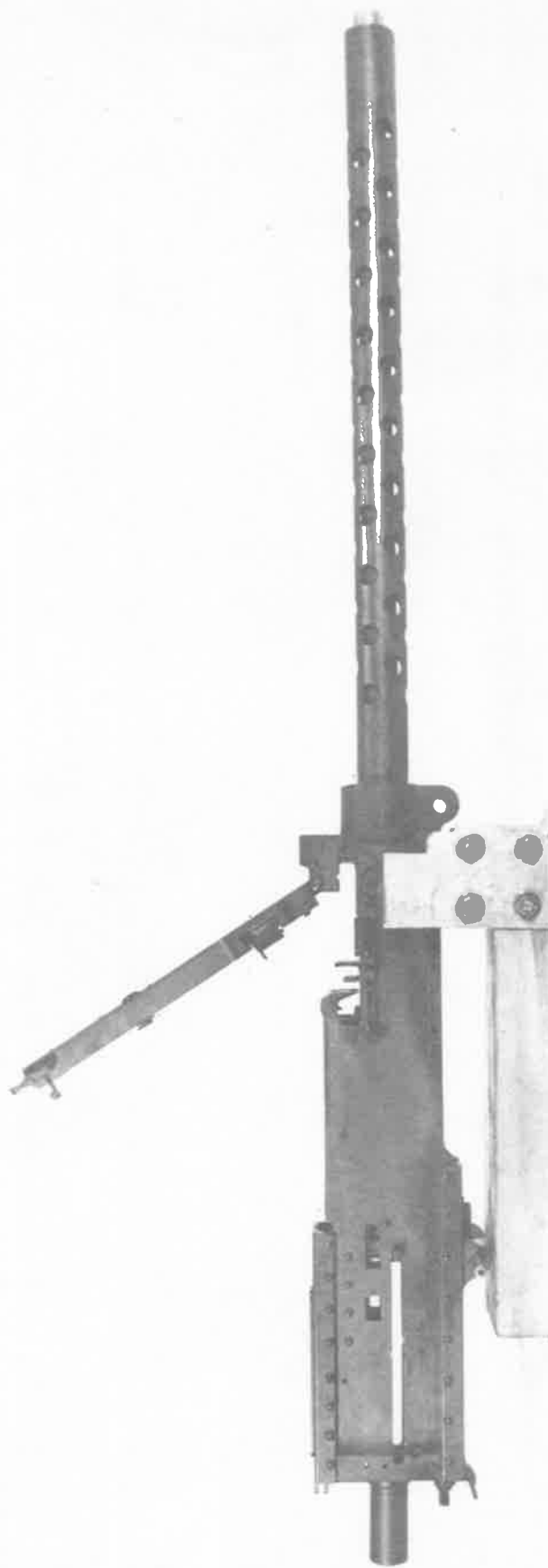
1940
1941
1942
1943

VOLUME 2

1944
1945 - thru June Partial

In 1940 The A. C. Gilbert Company foresaw the possibility of the United States entering a world wide conflict and began to explore the possibilities of our offering part of our facilities for the production of war materials.

We received our first War sub-contract order from The High Standard Manufacturing Co. Inc. of New Haven, Conn. for Gun Parts for the 50 caliber M2 Browning Machine Gun.



50 CALIBER M2 BROWNING MACHINE GUN

PRODUCTION BY THE A. C. GILBERT COMPANY
FOR
HIGH STANDARD MANUFACTURING CO.
NEW HAVEN, CONN.

GUN PARTS FOR 50 CALIBER M2 BROWNING MACHINE GUN

This gun is used in the wings of most American Fighter planes such as the Republic P-47 Thunderbolt.

PRODUCTION ON GUN PARTS

<u>ITEM</u>	<u>1940</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	To Part of JUNE 1945
19 Rack Plate Latch Pins		6880	-	-	-	-
184 Cocking Lever Pin		6570	-	-	-	-
387 Trigger Bar Pins		13951	-	-	-	-
2 Accelerator Pin	16,400	-	167,100	149,500	136,500	23,600
81 Belt Feed Pawl Pin	16,421	-	148,700	156,500	104,746	13,627
124 Bolt Stop	14,000	-	109,947	103,500	130,000	22,500
151 Breech Lock Cam Stud	15,200	-	62,797	-	-	-
155 Breech Lock Pin	15,400	-	167,100	116,000	132,000	36,000
167 Bunter Plug	14,000	-	103,980	114,000	69,686	-
198 Cover Detent Pawl Guide	14,000	-	116,914	111,000	134,000	20,000
308 Oil Buffer Piston Valve	30,201	-	189,900	271,500	258,000	5,450
314 Oil Buffer Spring Guide	20,000	-	119,400	111,500	126,000	34,000
309 Oil Buffer Relief Valve	14,600	-	135,510	129,684	137,500	13,500
351 Sear Stop Pin	23,750	-	165,100	222,000	74,738	-
381 Top Plate Bracket Stud	15,200	-	103,800	110,500	122,500	36,500
411 Trunnion Block Lock	14,000	-	109,104	105,500	93,190	-
125 Bolt Switch	-	-	20,934	-	-	-
161C Buffer Plate	-	-	46,738	-	-	-
403 Trunnion Block Lock	-	-	111,910	-	-	-
235 Ejector Pins	-	-	17,339	-	-	-
2A Accelerator Pin	-	-	-	-	-	2,600
29 ¹ / ₂ Barrel Buffer Bumper	-	-	-	-	-	2,300
29 3/4 Buffer Piston Valve	-	-	-	-	-	2,500
159 1/2 Buff. Bumper Rivet	-	-	-	-	-	2,500
160 1/4 Buff. Piston Pin	-	-	-	-	-	2,500
187 Cocking Lever Stop	-	-	-	-	-	2,300
188 " " " Jacket	-	-	-	-	-	2,300
189 " " " Rivet	-	-	-	-	-	5,000
235-1/2 Ejector Pin Lock Stop	-	-	-	-	-	2,500
348-1/2 Sear Slide Stop Pin	-	-	-	-	-	2,500
351B Sear Stop Pin	-	-	-	-	-	500
92 Belt Holding Pawl Pin	33,124					
	256,296	27,401	1,896,273	1,701,184	1,518,860	232,677

ORDER RECEIVED BY THE A. C. GILBERT COMPANY
FROM
HIGH STANDARD MANUFACTURING COMPANY
NEW HAVEN, CONN.

GUN PARTS FOR 50 CALIBER M2 BROWNING MACHINE GUN

Below are contract numbers which apply on previous page
production.

<u>Date</u>	<u>Order No.</u>
12/8/40	HS 5408
12/31/41	HS 6187
2/28/42	HS 8361
5/2/42	HS 10104
6/19/42	HS 12102
8/8/42	HS 13399
8/17/42	HS 13625
9/24/42	HS 14580
10/14/42	HS 15066
2/1/43	HS 18039
3/16/43	HS 19365
4/19/43	HS 20284
5/3/43	HS 20802
10/21/43	HS 2-02584
11/22/43	HS 2-03777
2/8/44	HS 2-05965
3/14/44	HS 2-07024
5/4/44	HS 2-09008
7/27/44	HS 2-11815
8/10/44	HS 2-12376
12/21/44	HS 2-16834
3/20/45	HS 3-3457
3/20/45	HS 3-3910
5/10/45	HS 3-5338-9

In 1941 additional orders were received from High Standard and our facilities were offered to the American Bosch Corporation of Springfield, Mass. and Colt's Patent Firearms Company of Hartford, Conn. and orders were redeived and deliveries made.

Immediately after the Pearl Harbor attack, our President, Mr. A. C. Gilbert issued a Directive instructing all of our Management to immediately offer our entire facilities to the United States Government. Virtually our entire Selling Organization was withdrawn from civilian selling and pnyscally contacted the Procurement Divisions of the Army, Navy, Engineers, Air Corps, Signal Corps and other Governmental Agencies in Washington and in our local district and other districts, as well as solicitation of other prime contractors but without much visible result with the single exception that we did receive from the Springfield Ordnance District an L.P.O. for 7500 M26 Parachute Flares on September 3, 1941 for delivery beginning January, 1942, which schedule was met.

This required a major reconversion., tools and dies to be made, new machinery and equipment to be acquired and installed.

The State and Local laws prevented assembly and loading at our main plant in New Haven. We immediately bought land in Branford, Conn., erected assembly and loading plants as well as several isolated storage buildings on account of the hazardous nature of material used. This was accomplished in less than four months and despite many design changes occasioned by tests that showed original faulty designing, we were able to start deliveries on time and complete the contract within time limits.

THE A. C. GILBERT COMPANY

MANUFACTURED FOR

AMERICAN BOSCH CORP.

SPRINGFIELD, MASS.

MACHINE GUN PARTS

PRODUCTION

CONTRACTS

1941 1693 pcs.

8/1/41 PW.135-80810-130 9867 pcs. Item SC5247

1942 8174 pcs.

9867

1941 3832 pcs.

8/1/41 PW.135-80810-130 24,148 pcs. Item SC5256

1942 20,316 pcs.

24,148

THE A. C. GILBERT COMPANY MANUFACTURED FOR

COLTS PATENT FIRE ARMS

HARTFORD, CONN.

GUN PARTS FOR 50 CALIBER M2 BROWNING MACHINE GUN

This gun is used in the wings of most American Fight Planes as the Republic P-47 Thunderbolt.

1st Order Rec'd. 8/20/41

PRODUCTION ON GUN PARTS.

<u>ITEM</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>
#2 Accelerator Pin	25,000	24,325	12,563
81 Belt Feed Pawl Pins	25,081	24,196	-
92 Belt Holding Pawl Pin	21,753	24,130	-
155 Breech Lock Pin	25,005	45,077	-
167 Bunter Plug	25,000	47,283	-
308 Oil Buff. Piston. Val. Key	25,000	24,095	-
314 Oil Buff. Spring Guide Key	24,010	25,000	13,331
381 Top Plate Bracket Stud	25,000	-	-
712 Cir. Mag. Belt. Link Pin	<u>15,000</u>	<u>79,353</u>	<u>-</u>
	210,849	293,459	25,894

The above were shipped on the following contracts.

<u>DATE</u>	<u>ORDER NO.</u>	<u>DATE</u>	<u>ORDER NO.</u>
8/20/41	59438	2/28/42	10047
8/20/41	59437	4/6/42	15191-2-3-4-5
8/20/41	59436-5-4-3-2-1	12/3/42	AA 39689
12/26/41	2201	4/7/42	15585
1/16/42	5120	4/6/42	15600
		4/6/42	15599
		12/3/42	A39688
		12/24/43	A41768
		3/3/43	A51591

CURTISS WRIGHT

BUFFALO, N. Y.

B7000 TRIM TAB MOTOR

In early December 1941 we received a telephone call from Curtiss Wright, Buffalo, N. Y. asking us if we could make an Electric Motor to operate a trim tab on a P-40 Curtiss Wright Fighter. We immediately sent our chief engineer by plane to Buffalo to analyze their problem, return to the factory and within 72 hours we designed and perfected, working day and night, a motor which after being put through vigorous tests was approved as being perfect for the job intended. Within five weeks we tooled up, got the material into the plant and put this motor into production and started deliveries.

PRODUCTION ON B7000 TRIM TAB MOTOR UNITS

1st. Order Rec'd. Dec. 10, 1941

1941 110 pcs. original order
1942 9333 pcs.
1943 2202 pcs.
1944 1576 pcs.
Total 13,221

The following are contracts which applied on the above.

<u>Date</u>	<u>Contract No.</u>	<u>Date</u>	<u>Contract No.</u>
12/10/41	134189-90-1-2-3-4	11/16/42	175647
1/20/42	138820-1-2	2/20/43	204564
1/20/42	138410	4/2/43	231064
1/28/42	139499	4/6/43	106122
4/1/42	147040-50	10/2/43	216004
4/13/42	148387	1/28/44	217955
4/22/42	155327	3/2/44	110526
5/16/42	153079	4/20/44	221950
5/16/42	153079	5/12/44	110541
6/23/42	158483		
7/28/42	159455		
8/21/42	171037		
7/28/42	159446		
9/1/42	171047		
10/26/42	176507		