

War: Reports, weekly statistical: 12/6-12/9/41

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WEEKLY STATISTICAL REPORT

No. 23

RELEASED

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DIRECTOR, STATISTICS BRANCH

SUMMARY

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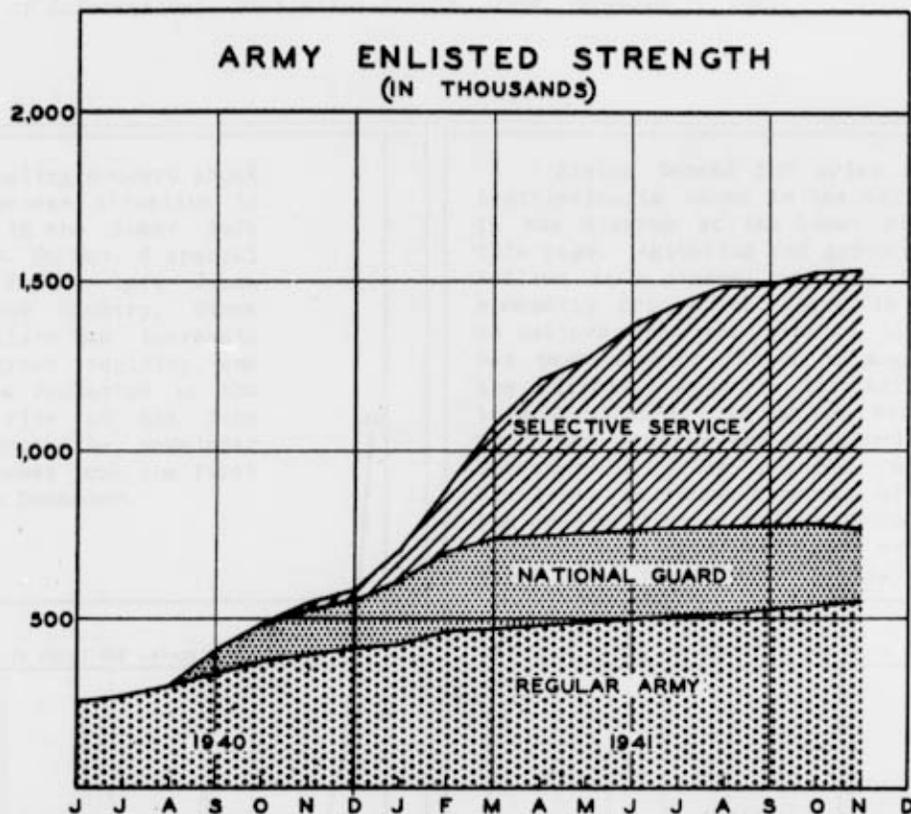
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STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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WEEKLY STATISTICAL SUMMARY
 REPORT # 23
DECEMBER 6, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to November 30, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

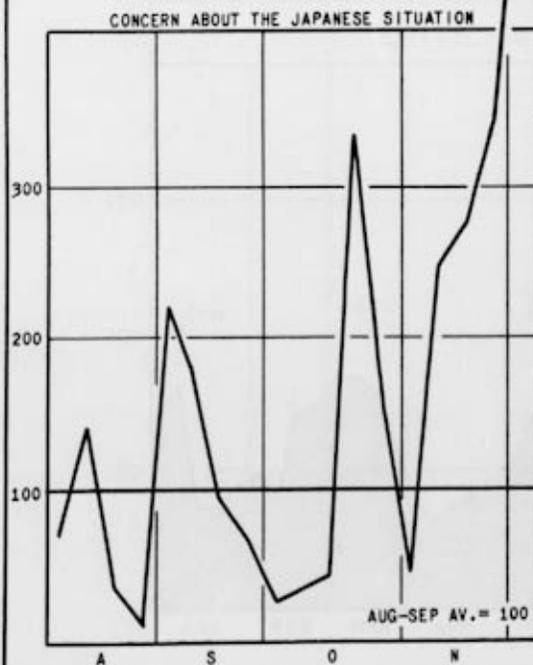
	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,481,197
Sep	407,613	Mar	1,068,030	Sep	1,484,024
Oct	483,218	Apr	1,205,873	Oct	1,526,600
Nov	540,695	May	1,265,211	Nov 30	1,528,500
Dec	573,520	Jun	1,362,760		

Source of Information: Statistics Branch, General Staff, December 2, 1941

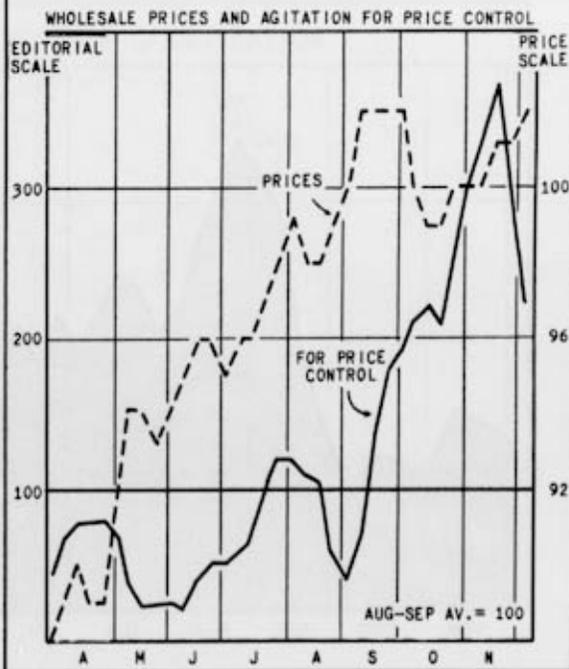
EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 3, 1941

Mounting concern about the Japanese situation is shown in the lower left diagram. On Nov. 6 special envoy Kurusu left Japan for this country. Since then alarm has increased with great rapidity, and this is reflected in the sharp rise of the line throughout the remainder of November and the first week in December.



Rising demand for price control legislation is shown in the solid line in the diagram at the lower right of this page. Agitation for price control follows in a general way the rise of commodity prices, and there is reason to believe that the advance in prices has been a major factor in augmenting the editorial support for legislation to control them. During the World War there was general and sustained public interest in price changes, and particularly in those directly affecting the cost of living, and it seems probable that similar developments will continue to be in evidence in this period.



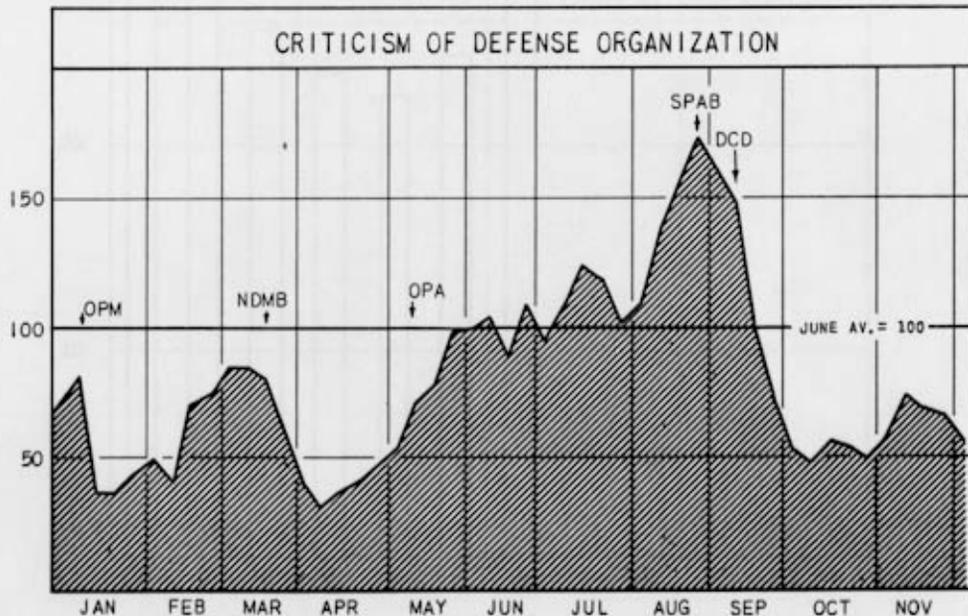
EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 3, 1941

Editorial criticism of defense organization has existed in some volume ever since the establishment of the Advisory Commission to the Council of National Defense on May 28, 1940. The diagram at the bottom of this page shows fluctuations in this criticism from the beginning of this year until the present time. The Office of Production Management was established by Executive Order on January 7 and a sharp decline in criticism followed.

Before the end of January, however, criticism began to mount once more and continued its rise into the second week in March. The chief element in criticism during this period was dissatisfaction with facilities for mediating labor employer disputes. The National Defense Mediation Board was established in the middle of March and criticism of defense organization again declined.

In April, however, a long rise began which continued with only minor interruptions until the end of August. This rise at its peak represented a very considerable amount of editorial pressure for changes in the existing organization. The establishment of the Office of Price Administration in May had little effect on the mounting criticism. When the Supply Priorities and Allocations Board was established, however, criticism declined sharply and there is reason to believe that the creation of the Division of Contract Distribution furthered this decline.



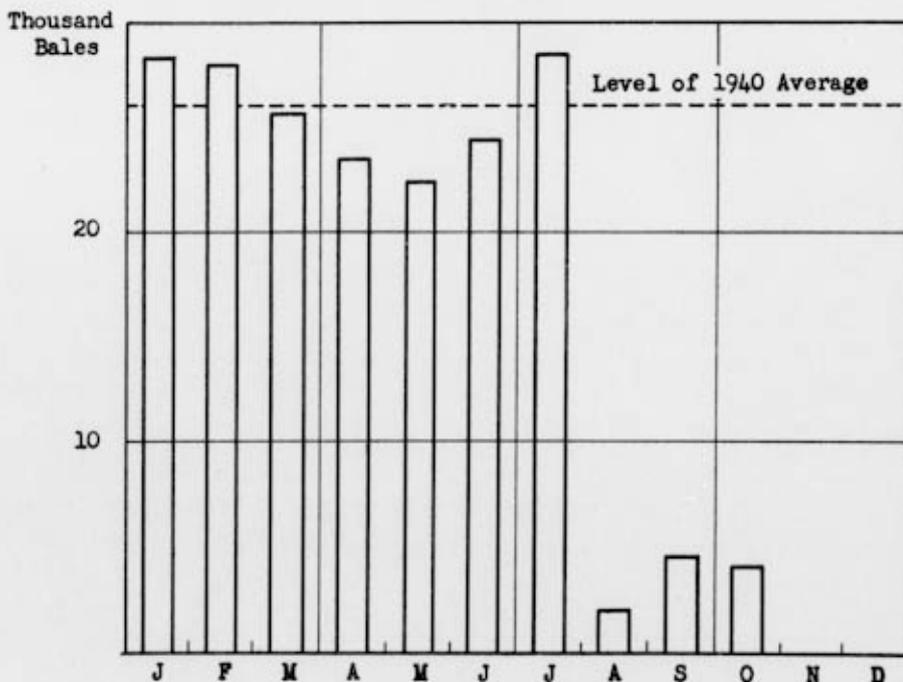
RAW SILK CONSUMPTION

Source of Information: Commodity Exchange Inc.

Mill takings of raw silk amounted to 192,035 picual bales (132½ lbs.) in the first 10 months of 1941, compared with 253,380 bales in the same period of 1940.

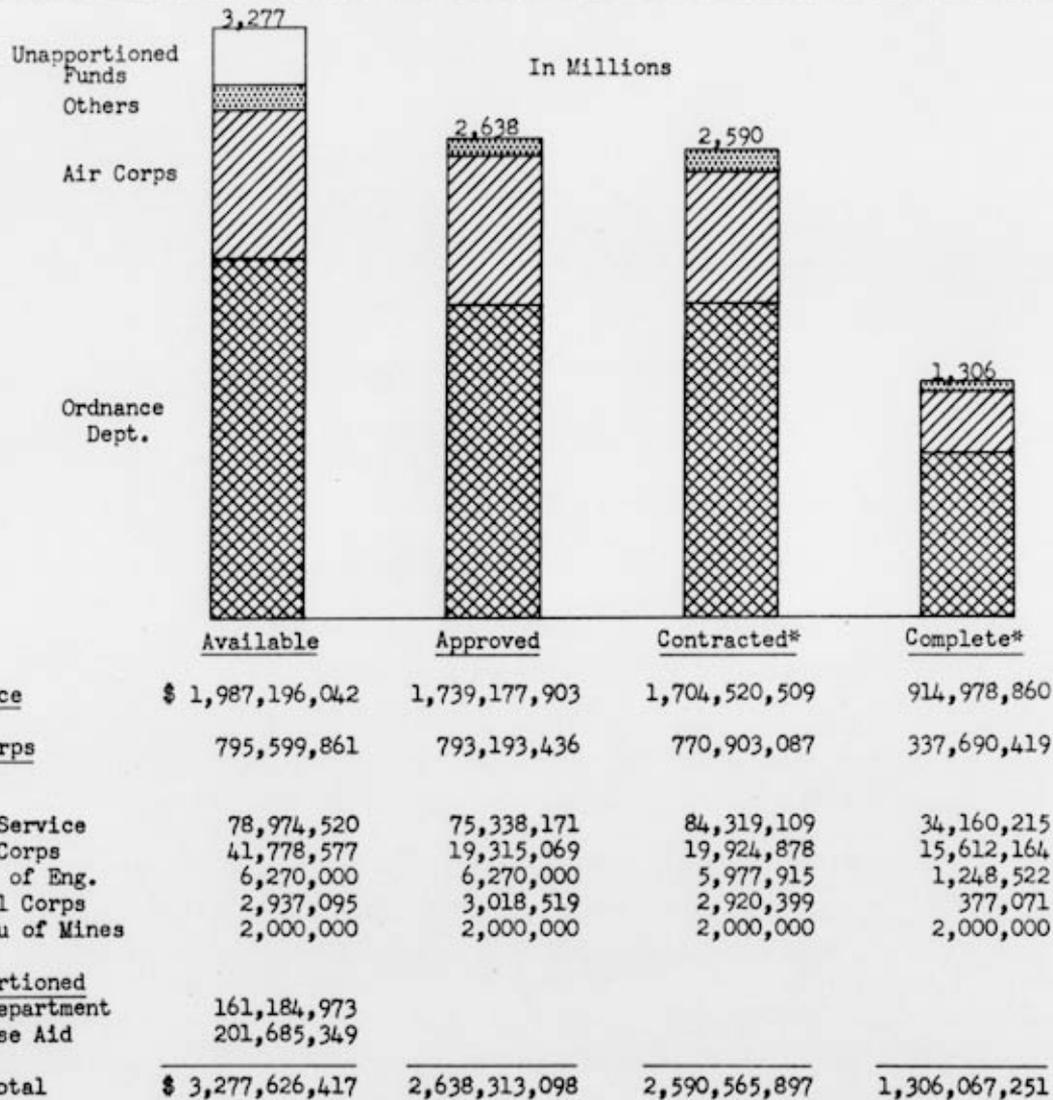
Raw silk has been subject to strict Government supervision since August 2, 1941, in the matter of consumption, price, and stocks; and a Government stockpile of raw silk is being obtained. Total domestic stocks of raw silk in the United States on October 31, 1941, were 57,508 bales.

U. S. CONSUMPTION OF RAW SILK - 1941



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - November 22, 1941

Source of Information: Construction Division, Production Branch, O.U.S.W.

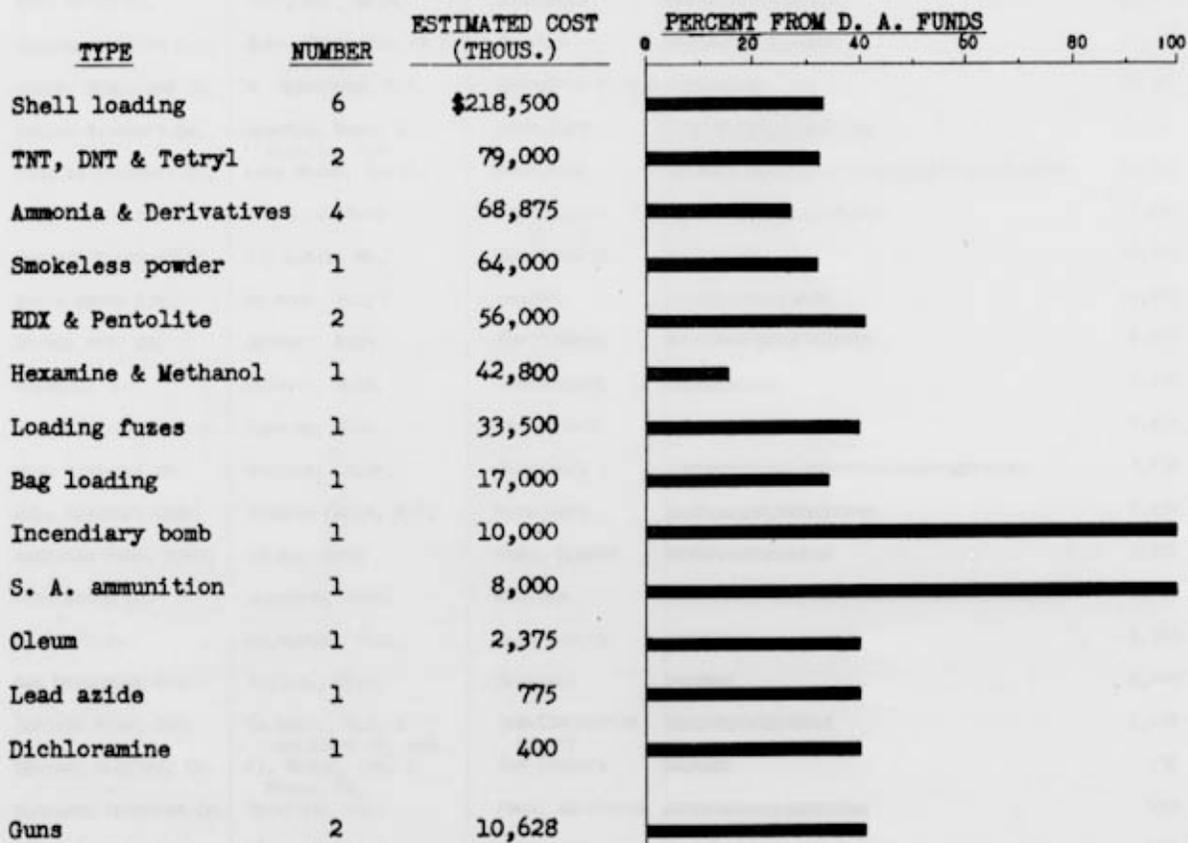


* Estimated

DEFENSE AID - ORDNANCE MANUFACTURING FACILITIES - NOVEMBER 15, 1941

Source of Information: Office of Lease-Lend Administration, OEM and OUSW

Defense Aid funds have been allocated to date toward the construction of 25 Ordnance facilities, 23 for ammunition and 2 for guns. The total estimated cost of the facilities is \$611,853,344. Allocations of Defense Aid funds for this purpose total \$210,105,339. The balance of this cost is to be financed from other funds, since it is expected that the output of these plants will be divided between Defense Aid and U. S. requirements in approximately this ratio.



NEW MISCELLANEOUS AIRCRAFT FACILITIES - DEFENSE AID - NOVEMBER 15, 1941

Source of Information: Facilities Section, Materiel Division - Air Corps
Office of Lease-Lend Administration - OEM

MANUFACTURER	PLANT LOCATION	ITEM TO BE PRODUCED	PERCENT FROM DEFENSE AID FUNDS						ESTIMATED TOTAL COST (THOUSANDS)
			0	20	40	60	80	100	
FORD MOTOR CO.	YPSILANTI, MICH.	AIRPLANES							\$36,631
CHEVROLET MOTOR DIV.	BUFF.-TONAWANDA, N.Y.	ENGINES							36,162
SPERRY GYROSCOPE CO.	N. HEMPSTEAD, N.Y.	AUTOMATIC PILOTS							20,281
BOEING AIRCRAFT CO.	SEATTLE, WASH. & WICHITA, KAN.	AIRPLANES							17,041
DOUGLAS AIRCRAFT CO.	LONG BEACH, CALIF.	AIRPLANES							12,769
AERO PRODUCTS DIV.	VANDALIA, OHIO	PROPELLERS							11,453
EMERSON ELECTRIC CO.	ST. LOUIS, MO.	GUN TURRETS							10,529
BUICK MOTOR DIV.	MELROSE, ILL.	ENGINES							10,267
BRIGGS MFG. CO.	DETROIT, MICH.	GUN TURRETS							8,849
VICKERS, INC.	DETROIT, MICH.	INSTRUMENTS							8,698
NASH-KELVINATOR CORP.	LANSING, MICH.	PROPELLERS							8,434
VEGA AIRPLANE CO.	BURBANK, CALIF.	AIRPLANES							7,870
BELL AIRCRAFT CORP.	NIAGARA FALLS, N.Y.	AIRPLANES							7,238
AMERICAN PROP. CORP.	TOLEDO, OHIO	PROP. BLADES							7,226
FORD MOTOR CO.	DEARBORN, MICH.	ENGINES							4,122
A. O. SMITH	MILWAUKEE, WISC.	OLED STRUTS							2,760
NEW DEPARTURE DIV.	BRISTOL, CONN.	BEARINGS							2,442
CURTISS PROP. DIV.	CALDWELL, N.J. & INDIANAPOLIS, IND.	SUB-CONTRACTOR PLANTS							2,028
GENERAL ELECTRIC CO.	FT. WAYNE, IND. & PHILA, PA.	GUN TURRETS							778
WOODWARD GOVERNOR CO.	ROCKFORD, ILL.	PROP. GOVERNORS							153
EUREKA VACUUM CO.	DETROIT, MICH.	CYLINDERS							103

TEXT SUMMARY - ORDNANCE DEPARTMENT - DECEMBER 6, 1941

Source of Information: Ordnance Department and OUSW

GENERAL

The combined index of equipment and ammunition acceptances shown on the following page indicates a fifty percent increase in volume scheduled for November over actual acceptances in October.

The sources of the current equipment and ammunition procurement programs, as authorized from Army, Navy and Marine Corps, and Defense Aid funds, are shown on pages 11 and 17, respectively. The Defense Aid authorizations consist entirely of requisitions under the Defense Aid Act of 1941. A detailed program of the items of ordnance to be procured from funds allocated under the Defense Aid Act, 1942 (approved August 28, 1941) is now being formulated.

EQUIPMENT

The revised schedules of acceptances of light and medium tanks on page 13 do not include actual November deliveries of 295 light tanks and 316 medium tanks.

Acceptances of 90mm antiaircraft guns in November were 25, as compared with 24 in October and 29 scheduled for November.

Substantial funds for the procurement of self-propelled antitank guns were first provided in the First Supplemental Appropriation, which became available August 25, 1941. All of these new types of guns have been ordered. They are described on page 12.

DISTRIBUTION OF CRITICAL ORDNANCE ITEMS

Of the 2,047 light tanks, M2A4 and M3, shipped to the armed services or to dock-side for export, through November 30, 1941, the Army received 1,025; Navy and Marine Corps, 66; British, 852; Russia, 94; and Brazil, 10. Shipments of 748 medium tanks, M2A1 and M3, through November 30, were divided as follows: 431 to the Army, 239 to the British and 78 to Russia.

In October more than half of the United States' output of two other highly critical items, small arms ammunition and TNT, went to foreign countries. The British report deliveries of 81 million rounds of caliber .30 and 9 million rounds of caliber .50 cartridges in October, against their own orders, while the Ordnance Department reports acceptances of about 67 million rounds of caliber .30 and 6 million rounds of caliber .50 in the same month. Of the approximately ten and a half million pounds of TNT produced in the United States in October, more than half was shipped to foreign countries in bulk or used for loading of ammunition under Defense Aid requisitions.

AMMUNITION

Comparisons of scheduled deliveries of metal components of demolition bombs and of deliveries and requirements of smokeless cannon powder are shown on pages 18 and 19, respectively.

EQUIPMENT PROCUREMENT - SUMMARY - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program*	Deliveries thru Oct 31	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	10,537	99	99	11	12
Machine gun, cal.50	208,590	28,640	99	99	13	14
Gun, 20mm, automatic	47,663	55	100	100	.1	.1
Gun, 37mm, automatic	2,907	143	100	100	5	5
<u>Combat Vehicles</u>						
Tank, light	5,885	2,168	100	80	36	37
Tank, medium	12,491*	652	80	64	6	5
Tank, heavy	100	0	50	50	0	0
Scout car	3,440	2,659	100	83	77	77
Personnel carrier, 8-man	5,792	2,637	100	100	40	46
Personnel carrier, 13-man	5,521	1,057	100	100	17	19
Submachine gun, cal.45	340,421	148,688	85	85	40	44
Gun, 37mm, tank	15,733*	3,351	100	100	22	21
Gun, 75mm, tank	9,764*	345	100	90	3	4
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,284	74	100	56	3	3
Gun, 40mm	4,236	0	100	53	0	0
Gun, 37mm	3,195	481	100	100	16	15
Machine gun, cal.50 (W.C.)	25,063	2,331	76	76	10	9
<u>Artillery</u>						
Howitzer, 75mm	1,318	242	100	76	18	18
Gun, 3", AT, self-propelled	1,580	0	100	0	0	0
Howitzer, 105mm	4,297	167	100	91	3	4
Gun, 4.5", AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	18	100	100	6	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	850	100	71	63	64
Gun, 75mm, AT, self-prop.	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,186	100	91	76	75
Carriage, 155mm gun	853	194	100	100	19	23
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	315,135	95	95	24	24
Machine gun, cal.30 (Var.)	159,979a	49,304a	98a	98a	36a	31a
Machine gun, cal.50 (H.B.)	31,699a	3,130a	94a	94a	11a	10a
Gun, 37mm, antitank	9,838	1,211	100	96	12	12
Mortar, 60mm	11,162	5,939	100	100	51	53
Mortar, 81mm	4,705	1,874	100	95	39	40

* Total Procurement Program consists of authorizations from Fiscal Year 1940, 1941 and 1942 funds, Navy, Marine Corps, and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Figures include armament for combat vehicles.

EQUIPMENT - SOURCES OF PROGRAM - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Authorizations From
Fiscal Year 1940, 1941 and 1942 Funds

Item	Army	Navy & Marine Corps	Defense Aid	Total Program
<u>Aircraft Armament</u>				
Machine gun, cal.30,fix.&fl.	47,272	6,876	37,030	91,178
Machine gun, cal.50,fix.&fl.	167,038	22,882	18,670	208,590
Gun, 20mm, automatic	4,905	2,758	40,000	47,663
Gun, 37mm, automatic	2,907	0	0	2,907
<u>Combat Vehicles</u>				
Tank, light	5,776	109	0	5,885
Tank, medium	7,148	0	5,343b	12,491
Tank, heavy	50	0	50	100
Scout car	2,808	32	600	3,440
Personnel carrier, 8-man	5,792	0	0	5,792
Personnel carrier, 13-man	5,521	0	0	5,521
Submachine gun, cal.45	66,062	6,359	268,000	340,421
Gun, 37mm, tank	13,122	111	2,500c	15,733
Gun, 75mm, tank	7,264	0	2,500c	9,764
<u>Antiaircraft</u>				
Gun, 3"	148	4	0	152
Gun, 90mm	2,178	38	68	2,284
Gun, 40mm	2,736	1,500	0	4,236
Gun, 37mm	3,018	62	0	3,080
Machine gun, cal.50 (W.C.)	22,151	612	2,300	25,063
<u>Artillery</u>				
Howitzer, 75mm, field & pack	892	66	360	1,318
Gun, 3", AT, self-propelled	1,580	0	0	1,580
Howitzer, 105mm	3,739	0	558	4,297
Gun, 4.5", AT, self-prop.	500	0	0	500
Gun, 155mm	393	0	100	493
<u>Modernization - H.S.</u>				
Carriage, 75mm gun	1,330	0	0	1,330
Gun, 75mm, AT, self-prop.	1,350	0	0	1,350
Carriage, 155mm howitzer	1,440	0	144	1,584
Carriage, 155mm gun	853	0	0	853
<u>Infantry Armament</u>				
Rifle, cal.30, M1, semiauto.	1,262,211	33,645	0	1,295,856
Machine gun, cal.30 (Var.) a	137,229	5,750	17,000	159,979
Machine gun, cal.50 (H.B.) a	31,188	511	0	31,699
Gun, 37mm, antitank	7,879	99	1,860	9,838
Mortar, 60mm	9,956	206	1,000	11,162
Mortar, 81mm	4,533	172	0	4,705

a Figures include armament for combat vehicles.

b Includes 3,243 on British and Canadian orders.

c British orders.

ANTITANK GUNS - SELF-PROPELLED & WHEELED - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department, G-4 and OUSW

The first funds for the regular procurement of self-propelled antitank guns were provided in the First Supplemental National Defense Appropriation Act, 1942, which was approved August 25, 1941. The authorization for the six pounder (57mm, M1) antitank gun, wheeled, is entirely from Defense Aid funds; all others are for the Army.

Authorizations have been made for tipping parts only of the self-propelled guns. These parts include guns, recoil mechanisms, and sighting equipment. The authorizations for the self-propelled mounts have been deferred, pending development and standardization, with the exception of the mount for the 75mm gun motor carriage, M3, for which personnel carriers, M3, will be diverted and modified.

Type of Gun	Number Authorized		Ordered	Scheduled
	Original	Present		
<u>Self-Propelled</u>				
37mm, M6	2,000	1,380	1,380	0
75mm	1,350	1,350	1,350	0
3-inch, T-9	1,000	1,580	1,580	0
4.5-inch	500	500	500	0
<u>Wheeled</u>				
3-inch, M5	1,485	100	100	0
6 pounder (57mm gun, M1)	2,000	2,000	2,000	2,000

Self-Propelled Guns

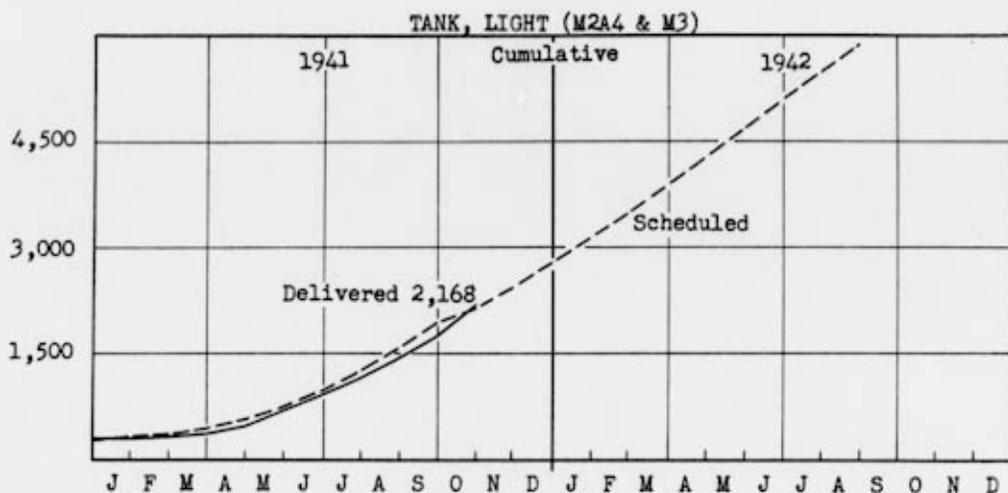
The mounts for the self-propelled guns are at various stages of completion. The 37mm gun, M6 is being tested on several different mounts at Aberdeen. The personnel carriers will be diverted for the 75mm gun, M1897A4. The 3-inch antitank gun, T-9 is being tested on a high speed commercial chassis and General Motors is completing a wooden mock-up of a special chassis for the 4.5-inch gun.

Wheeled Guns

The antitank gun, M5 is made up from a 3-inch gun, T-9 mounted on a 105mm howitzer carriage, M2 modified to the 3-inch gun carriage, M1. Pilot carriages, M1 for the 6 pounder (57mm, M1) are ready for test at Aberdeen; pilot models of guns and tubes are nearing completion.

COMBAT VEHICLES - DELIVERIES AND SCHEDULES - OCTOBER 31, 1941

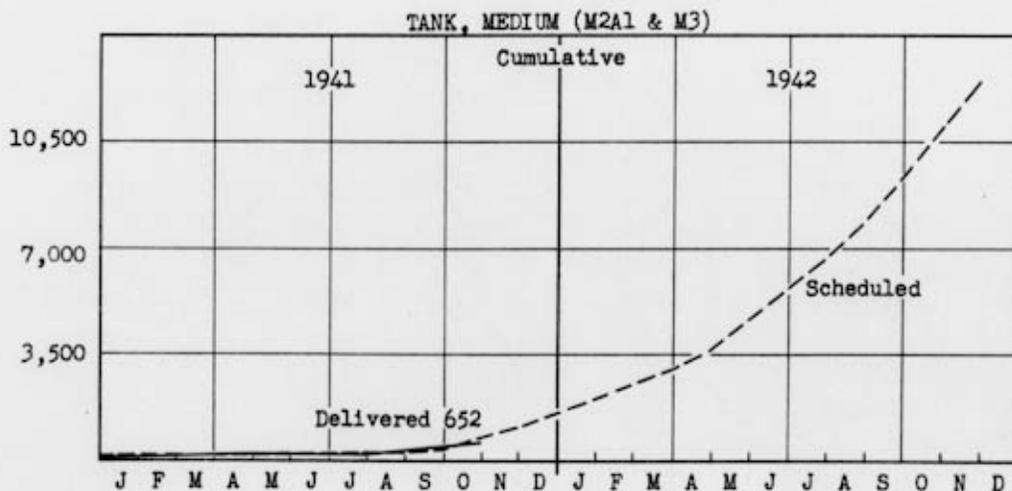
Source of Information: Industrial Service, Ordnance Department



CUM. (HUNDREDS)

DELIVERED 3 4 4 5 7 9 12 15 18 22

SCHEDULED 3 4 4 6 7 10 13 16 19 21 24 28 31 35 39 43 47 51 55 59



CUM. (HUNDREDS)

DELIVERED .1 .2 .3 .4 .6 .8 1 2 4 7

SCHEDULED .1 .2 .3 .4 .6 .9 1 2 4 7 10 15 20 25 30 36 46 56 66 78 93 109 125

EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 1, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Initial requirements 1,820,000 men	Stocks in hands of Field Service	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	33,946	13,496	40	██████████				
Machine gun, cal.50,fix.&fl.	60,531	14,936	25	██████████				
Gun, 20mm, automatic	1,413	0	0	██████████				
Gun, 37mm, automatic	2,021	92	5	██████████				
<u>Combat Vehicles</u>								
Tank, light	2,389	1,023b	43	██████████				
Tank, medium	1,046	337c	32	██████████				
Scout car	2,083	2,368d	114	██████████				
Personnel carrier, 8-man	3,413	2,761	81	██████████				
Personnel carrier, 13-man	4,517	985	22	██████████				
Machine gun, cal.30 (var.)	30,674a	a	-	██████████				
Machine gun, cal.50 (H.B.)	5,734a	a	-	██████████				
Submachine gun, cal.45	26,705	28,319	106	██████████				
Gun, 37mm, tank	3,427	1,118	33	██████████				
Gun, 75mm, tank	1,020	165	16	██████████				
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,177	566 } 72 }	54	██████████				
Gun, 37mm	2,552	472	18	██████████				
Machine gun, cal.50 (W.C.)	17,065	1,185	7	██████████				
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	914	109	██████████				
Howitzer, 75mm, field & pack	177	204	115	██████████				
Howitzer, 105mm	2,457	140	6	██████████				
Gun, 155mm	95	17	18	██████████				
Gun, 155mm (H.S.)	587	174	30	██████████				
Howitzer, 155mm (H.S.)	739	1,199	162	██████████				
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,407	-	██████████				
Gun, 155mm	-	791	-	██████████				
Howitzer, 155mm	-	606	-	██████████				
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	317,923	38	██████████				
Machine gun, cal.30 (var.)	49,737	50,507	102	██████████				
Machine gun, cal.50 (H.B.)	14,737	2,196	15	██████████				
Gun, 37mm, antitank	4,892	1,516	31	██████████				
Mortar, 60mm	4,747	5,943	125	██████████				
Mortar, 81mm	2,340	2,176	93	██████████				

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 99.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 1, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Total requirements 3,200,000 men	Stocks in hands of Field Service	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,269	13,496	30	██████████				
Machine gun, cal.50,fix.&fl.	132,534	14,936	11	██████				
Gun, 20mm, automatic	4,253	0	0					
Gun, 37mm, automatic	2,883	92	3	██				
<u>Combat Vehicles</u>								
Tank, light	4,946	1,023 ^b	21	██████				
Tank, medium	2,827	337 ^c	12	████				
Scout car	4,299	2,368 ^d	55	████████████████				
Personnel carrier, 8-man	7,896	2,761	35	██████████				
Personnel carrier, 13-man	8,647	985	11	████				
Machine gun, cal.30 (var.)	69,049 ^a	a	-					
Machine gun, cal.50 (H.B.)	13,398 ^a	a	-					
Submachine gun, cal.45	56,233	28,319	50	████████████				
Gun, 37mm, tank	7,878	1,118	14	████				
Gun, 75mm, tank	2,797	165	6	██				
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,856	566 } 72 }	34	██████████				
Gun, 37mm	3,055	472	15	████				
Machine gun, cal.50 (W.C.)	22,966	1,185	5	██				
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,778	914	51	██████████				
Howitzer, 75mm, field & pack	254	204	80	████████████████				
Howitzer, 105mm	3,733	140	4	██				
Gun, 155mm	283	17	6	██				
Gun, 155mm (H.S.)	969	174	18	████				
Howitzer, 155mm (H.S.)	1,037	1,199	116	████████████████████				
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,407	-					
Gun, 155mm	-	791	-					
Howitzer, 155mm	-	606	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,539,512	317,923	21	██████				
Machine gun, cal.30 (var.)	107,943	50,507	47	██████████				
Machine gun, cal.50 (H.B.)	32,146	2,196	7	██				
Gun, 37mm, antitank	9,523	1,516	16	████				
Mortar, 60mm	7,927	5,943	75	████████████████				
Mortar, 81mm	4,566	2,176	48	██████████				

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Nov 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Oct 31	Delivered Nov 15
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,047	348	99	82	13	17
Bomb, demo., 100#, 300#, 500#	1,693	176	78	99	11	10
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	603	182	86	100	25	30
Cartridge, 20mm	112,213	4,496	78	100	3	4
Shell, H.E., 37mm	2,098	322	90	100	18	15
Flares	901	229	43	87	29	25
Signals	2,784	946	74	98	34	34
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	690	72	70	4	4
Shell, 3", H.E.	2,269	149	99	82	6	7
Shell, 90mm, H.E.	3,057	9	99	97	1	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	246	80	100	6	11
Shell, g & s, 75mm gun	1,108	15	100	42	4	1
Shot, A.P., 75mm gun	8,388	0	21	8	0	0
Shell, H.E., 75mm how.	4,927	264	87	100	5	5
Shell, H.E., 105mm how.	19,710	62	56	57	-	-
Shell, H.E., 155mm gun	1,360	0	80	92	-	0
Charge, prop., 155mm gun	2,248	232	48	88	13	10
Shell, H.E., 155mm how.	5,080	27	85	100	1	1
Shell, g & s, 155mm how.	1,442	0	85	31	0	0
Charge, prop., 155mm how.	7,497	843	77	94	10	11
Primer, 21 gr.	12,132	299	64	84	2	2
Fuzes (all)	14,315	3,254	79	87	22	23
<u>Infantry</u>						
Cartridge, cal.30	8,510,393	668,962	78	78	7	8
Links, met. belt, cal.30	1,011,225	137,793	99	99	13	14
Cartridge, cal.45	830,395	244,025	75	75	28	29
Cartridge, cal.50	2,958,273	75,956	61	61	3	3
Links, met. belt, cal.50	3,074,933	117,805	79	79	6	4
Shot & shell, 37mm	38,611	348	53	60	-	1
Shell, H.E., 60mm	11,310	41	79	100	1	-
Shell, H.E., 81mm	4,116	116	90	100	3	3
Shell, smoke, 81mm	456	0	94	100	0	0
Grenade, H.E., frag.	2,082	705	76	100	29	34
Signals, ground & light	6,804	1,025	54	72	18	15
Mine, antitank	3,146	0	83	94	0	0

* Unfilled.
/ Unfuzed.

AMMUNITION - SOURCES OF PROGRAM - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Authorizations From
Fiscal Year 1940, 1941 and 1942 Funds

Item	Army (Thous.)	Navy & Marine Corps (Thous.)	Defense Aid (Thous.)	Total Program (Thous.)
<u>Aircraft & Pyrotechnics</u>				
Bomb, frag., 20#	2,017	0	30	2,047
Bomb, demo., 100#, 300#, 500#	1,687	0	6	1,693
Bomb, demo., 1000#	110	0	0	110
Bomb, chem., 30#, 100#	593	10	0	603
Cartridge, 20mm	12,496	17,717	82,000	112,213
Shell, H.E., 37mm	2,098	0	0	2,098
Flares	901	0	0	901
Signals	2,784	0	0	2,784
<u>Antiaircraft</u>				
Shell, 37mm, H.E.	17,695	0	0	17,695
Shell, 3", H.E.	2,067	202	0	2,269
Shell, 90mm, H.E.	2,765	0	292	3,057
<u>Artillery</u>				
Shell, H.E., s c, 75mm gun	2,285	0	0	2,285
Shell, g & s, 75mm gun	1,108	0	0	1,108
Shot, A.P., 75mm gun	7,788	0	600	8,388
Shell, H.E., 75mm how.	4,037	242	648	4,927
Shell, H.E., 105mm how.	18,710	0	1,000	19,710
Shell, H.E., 155mm gun	1,260	0	100	1,360
Charge, prop., 155mm gun	2,248	0	0	2,248
Shell, H.E., 155mm how.	4,360	0	720	5,080
Shell, g & s, 155mm how.	1,370	0	72	1,442
Charge, prop., 155mm how.	6,547	0	950	7,497
Primer, 21 gr.	11,340	0	792	12,132
Fuzes (all)	13,407	0	908	14,315
<u>Infantry</u>				
Cartridge, cal.30	7,537,396	259,359	713,638	8,510,393
Links, met. belt, cal.30	885,274	101,951	24,000	1,011,225
Cartridge, cal.45	510,563	42,662	277,170	830,395
Cartridge, cal.50	2,664,011	224,439	69,823	2,958,273
Links, met. belt, cal.50	2,678,463	168,670	227,800	3,074,933
Shot & shell, 37mm	35,009	12	3,590	38,611
Shell, H.E., 60mm	11,223	87	0	11,310
Shell, H.E., 81mm	3,245	71	800	4,116
Shell, smoke, 81mm	383	0	73	456
Grenade, H.E., frag.	2,039	43	0	2,082
Signals, ground & light	6,804	0	0	6,804
Mine, antitank	3,146	0	0	3,146

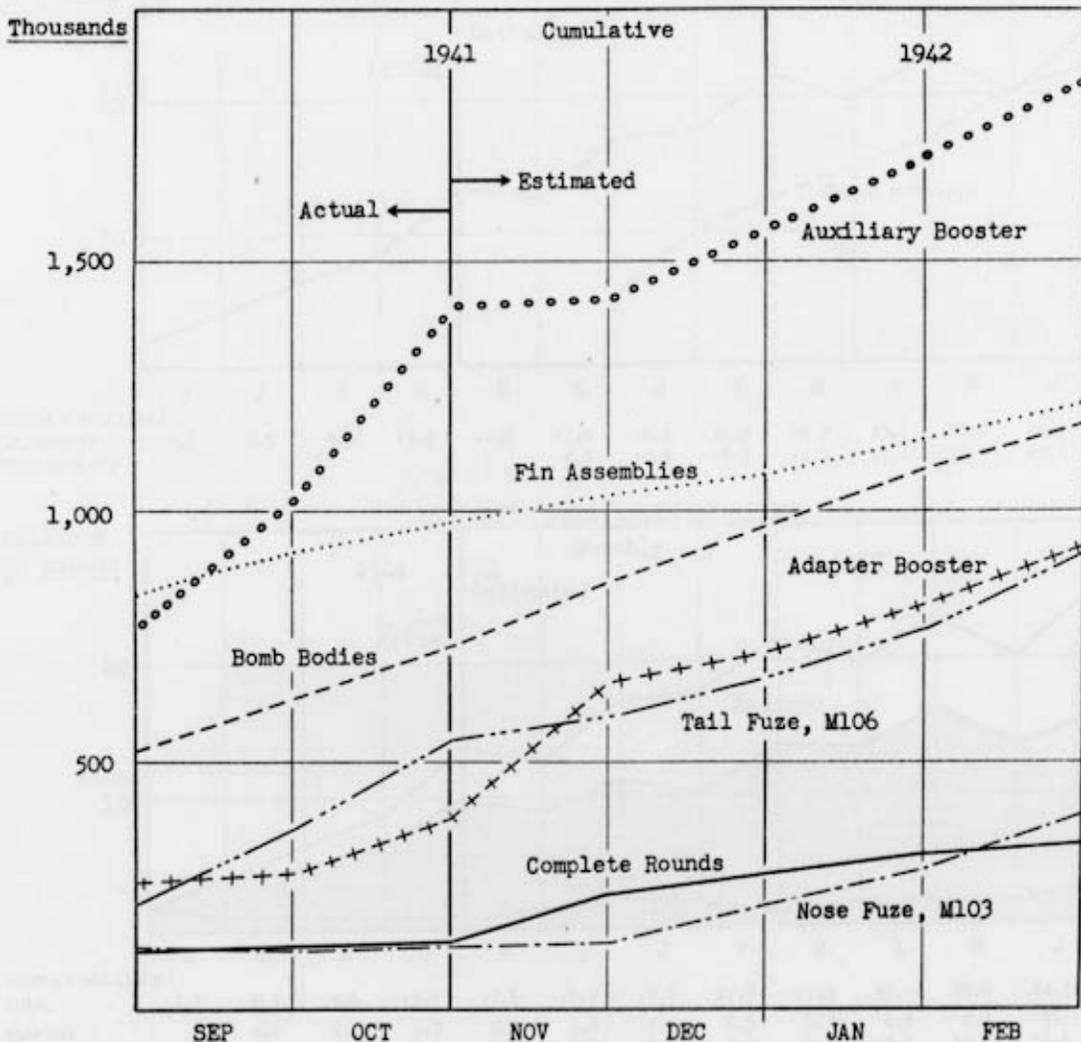
* Unfilled.

∅ Unfuzed.

DEMOLITION BOMBS - PRINCIPAL METAL COMPONENTS - OCTOBER 31, 1941

Source of Information: Ammunition Division, Ordnance Department

The chart below shows deliveries of all complete rounds of demolition bombs, unfuzed, from 100 to 2,000 pounds, which are being produced at this time. Deliveries of the appropriate metal components are likewise indicated: consisting of the total bomb bodies and fin assemblies and also boosters and fuzes, which are common components. Since the fuzes are not attached prior to use, they are not included in the complete round. The chart indicates that the Nose Fuze, M103, will restrict the use of these demolition bombs through February, 1942, regardless of the adequacy of TNT supplies.

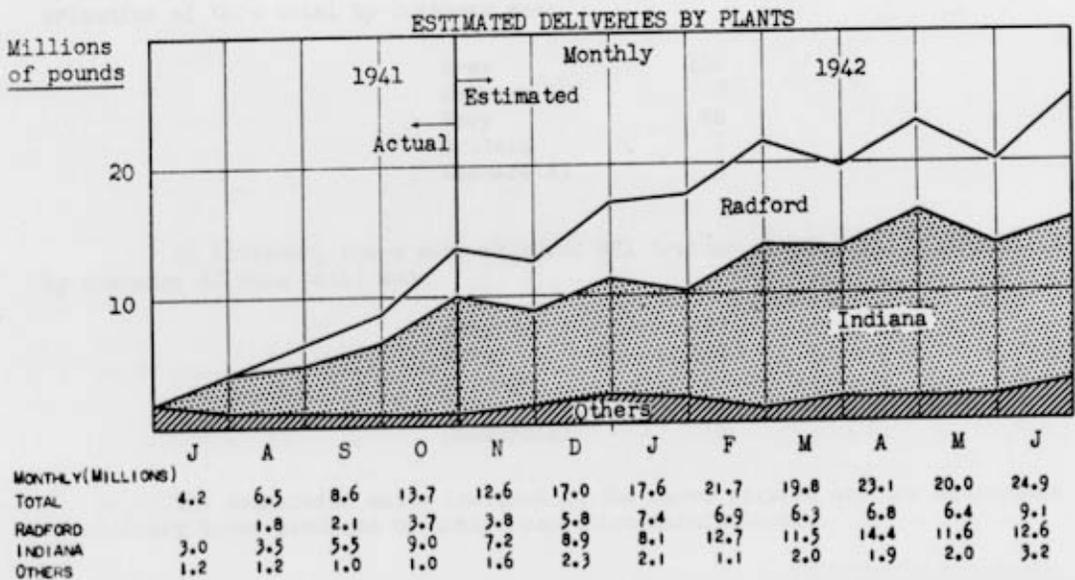
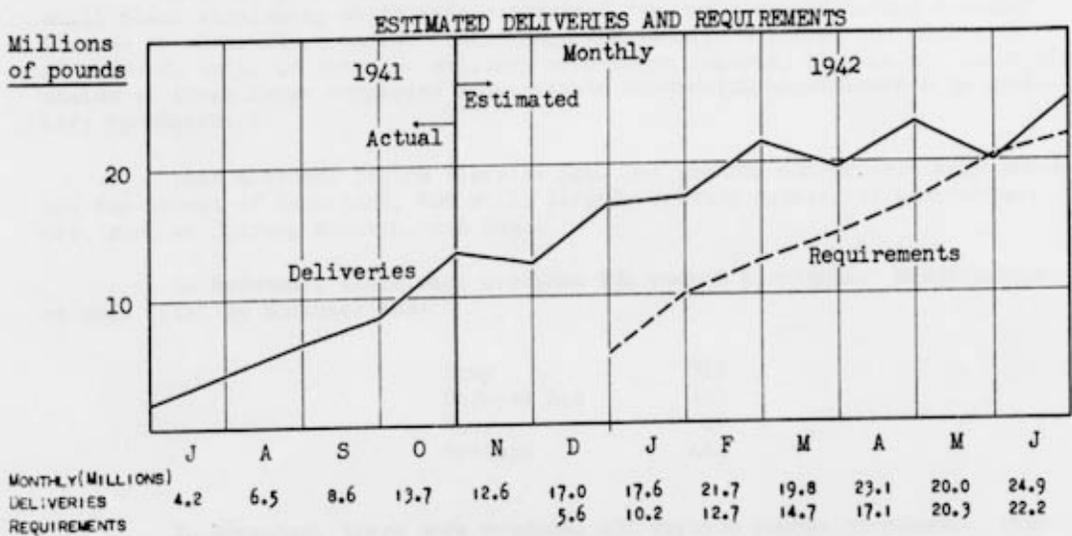


SMOKELESS CANNON POWDER - DELIVERIES AND REQUIREMENTS - OCTOBER 31, 1941

Source of Information: Ammunition Division, Ordnance Department

Monthly deliveries of smokeless cannon powder and requirements (based on loading schedules as of September 30, 1941) are charted below. These figures are the totals of the different sizes of cannon powder for all caliber guns. A large surplus of total deliveries over aggregate requirements is indicated.

Deliveries are divided according to plants in the lower chart. All three Radford lines and all six Indiana lines are in operation.



TEXT SUMMARY - UNITED STATES AIRPLANE PRODUCTION - ALL CUSTOMERS

Source of Information: Materiel Division - Air Corps

Preliminary reports indicate that 2,139 military units were produced by airplane manufacturers in November. This was 155 units or 7 percent less than the record total October production of 2,294 units.

This November figure includes 80 Aeronca, Piper, and Taylorcraft small place airplanes, which were contracted for and accepted during November for use as observation units. While this transaction warrants the inclusion of these 80 units in November military production figures, it does not raise the status of these three companies from private commercial manufacturers to military producers.

This November figure likewise does not include non-project Army units and the output of important, but still largely private commercial manufacturers, such as Culver, Stinson, and Waco.

In November, there were produced 924 combat airplanes. Distribution of this total by customer was:

Army	319
Defense Aid	111
Navy	46
Britain	448

In November, there were produced 234 service combat airplanes. Distribution of this total by customer was:

Army	124
Defense Aid	8
Navy	98
Britain	1
Commercial	3

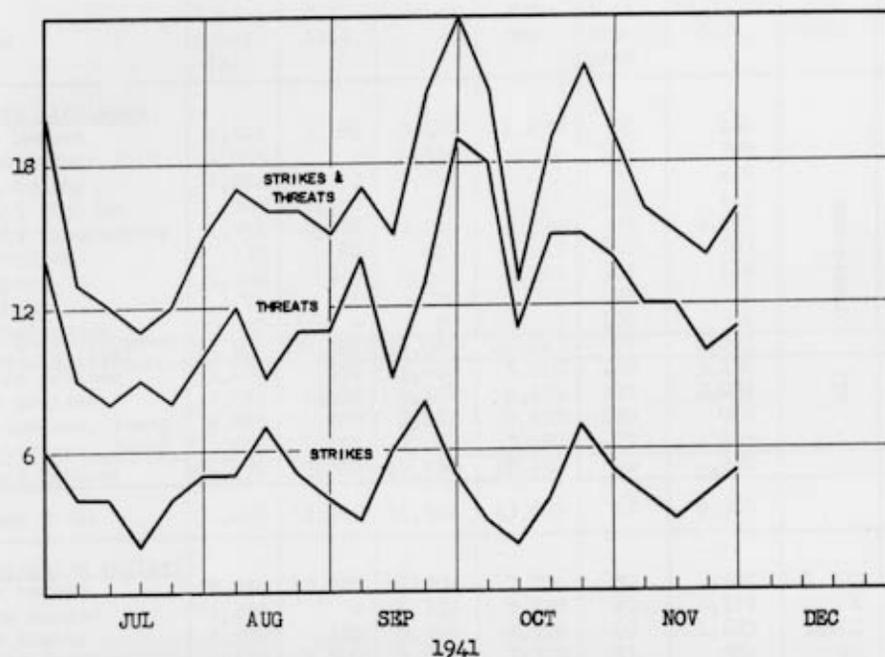
In November, there were produced 981 trainer airplanes. Distribution by customer of this total was:

Army	737
Navy	122
Britain	99
Other Foreign	17
Commercial	6

The commercial units included in the above figures are the equivalent of military types produced by their respective manufacturers.

AIR CORPS AND LABOR - JULY-NOVEMBER 1941

Source of Information: Labor Section, OUSW



Total strikes and threats affecting Air Corps procurement are reflected in the line at the top of this diagram. Threats only are represented by the middle line. Action by the National Defense Mediation Board prevented most of the threats from developing into strikes. The controversies which actually became strikes are represented by the lowest line.

Air Corps strikes and threats reached their highest point at the end of September. This was followed by a sharp decline in early October and a secondary peak toward the end of that month.

Air Corps strikes and threats appear to follow, in a general way, the trend in basic commodity prices which is diagrammed on page 2 of this Summary.

TABULAR SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - NOVEMBER 23, 1941

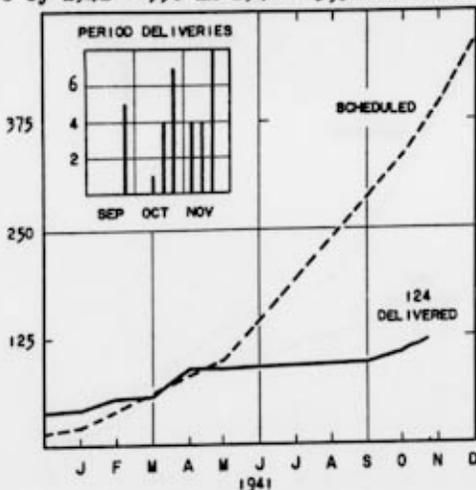
Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 11/23/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	124	contracted.	600
Medium bomber	4,616	-	4,616	4,616	100	370		-
Light bomber	1,882	150	2,032	1,882	93	231		150
Pursuit fighter	709	1,150	1,859	1,859	100	121		-
Pursuit interceptor	4,394	4,700	9,094	8,994	99	1,589		100
Observation	533	80	613	613	100	363		-
Transport	1,118	243	1,361	1,361	100	110		-
Amphibian	74	2	76	75	99	1		1
Reconnaissance	17	-	17	17	100	14		-
Total Tactical	15,589	9,505	25,094	24,243	97	2,923		-
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,136	All	-
Basic trainer	5,051	1,100	6,151	6,151	100	2,089		-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	960		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	195		100
Total Trainer	16,470	3,060	19,530	19,430	99	6,380		-
Grand Total	32,059	12,565	44,624	43,673	98	9,303	-	951
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,585	1,520	2,400
Medium bomber	9,232	-	9,232	9,228	99	1,177	4	-
Light bomber	3,576	150	3,726	2,576	69	1,283	1,000	150
Pursuit fighter	1,418	2,300	3,718	3,392	91	884	26	300
Pursuit interceptor	4,394	4,700	9,094	8,394	92	2,053	-	700
Observation	533	80	613	573	93	573	-	40
Transport	2,358	486	2,844	2,156	76	539	442	246
Amphibian	148	3	151	150	99	41	-	1
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	20,439	51,116	44,287	87	9,169	2,992	3,837
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,311	-	-
Basic trainer	5,051	1,100	6,151	4,566	74	2,139	485	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	1,927	-	1,400
Total Trainer	19,102	4,210	23,312	19,967	86	9,674	485	2,860
Grand Total	49,779	24,649	74,428	64,254	86	18,843	3,477	6,697

- (a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.
- (b) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.

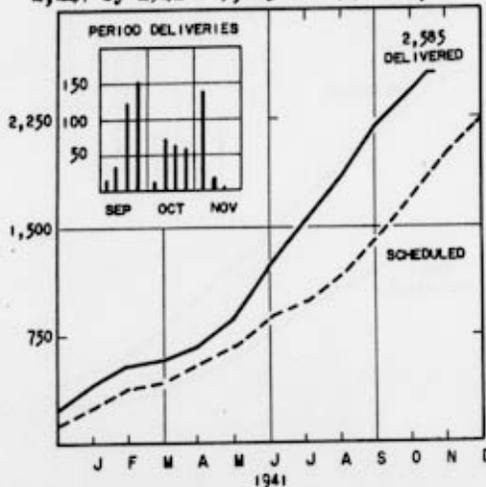
ARMY PROJECT AIRPLANES

4,826 HEAVY BOMBER
466 by 1941 - 990 in 1942 - 3,370 in 1943-44

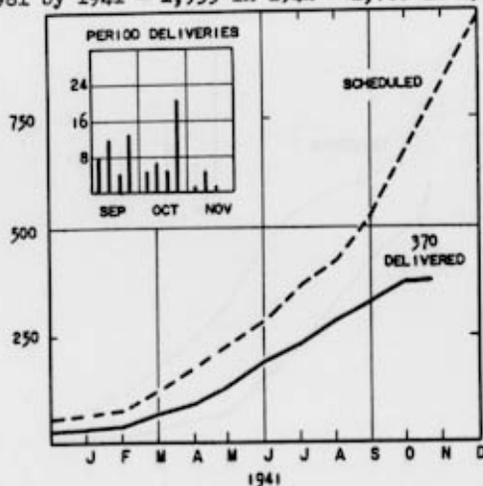


ARMY INSTALLATION ENGINES

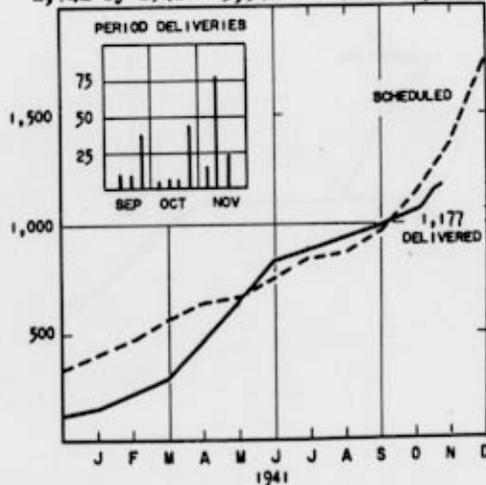
17,784 HEAVY BOMBER
2,247 by 1941 - 9,283 in 1942 - 6,254 in 1943



4,616 MEDIUM BOMBER
981 by 1941 - 1,935 in 1942 - 1,700 in 1943

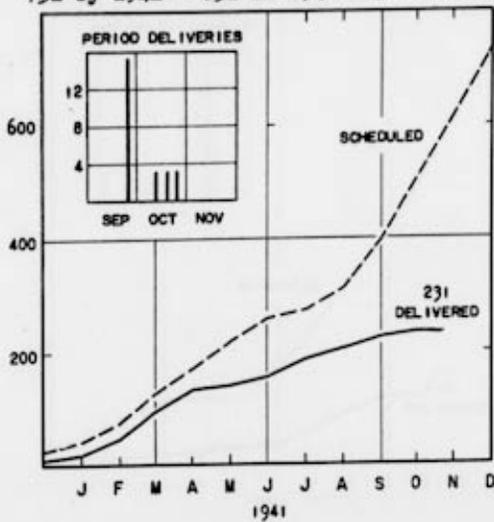


9,228 MEDIUM BOMBER
1,741 by 1941 - 5,540 in 1942 - 1,947 in 1943



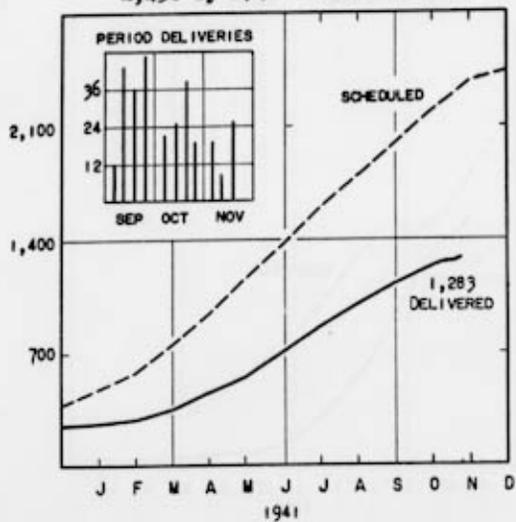
ARMY PROJECT AIRPLANES

1,882 LIGHT BOMBER
731 by 1941 - 651 in 1942 - 500 in 1943

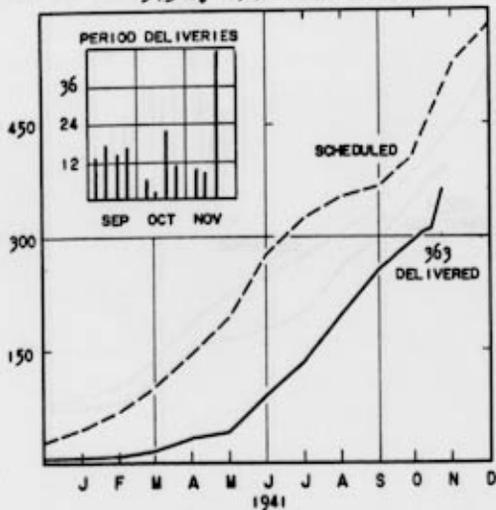


ARMY INSTALLATION ENGINES

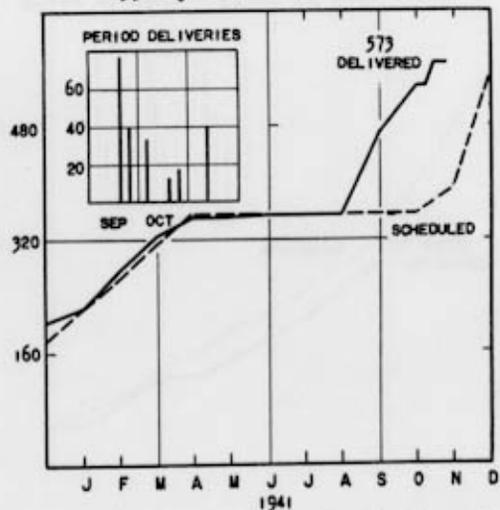
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



613 OBSERVATION
573 by 1941 - 40 in 1942

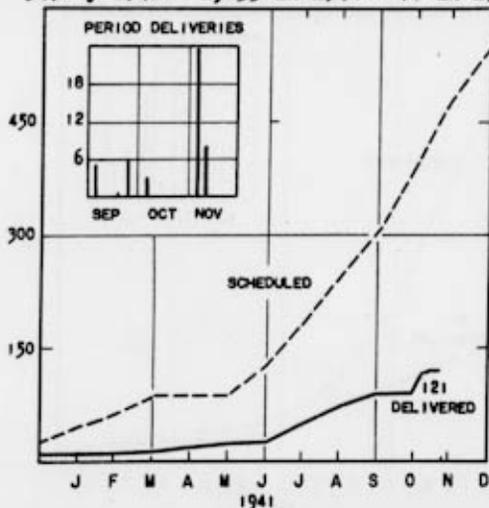


573 OBSERVATION
550 by 1941 - 23 in 1942



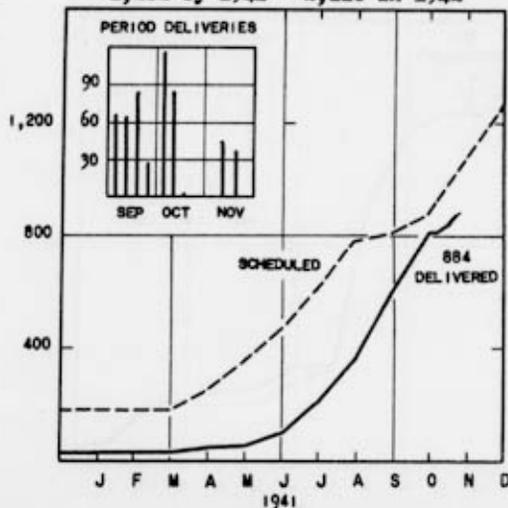
ARMY PROJECT AIRPLANES

1,859 PURSUIT FIGHTER
549 by 1941 - 1,233 in 1942 - 77 in 1943

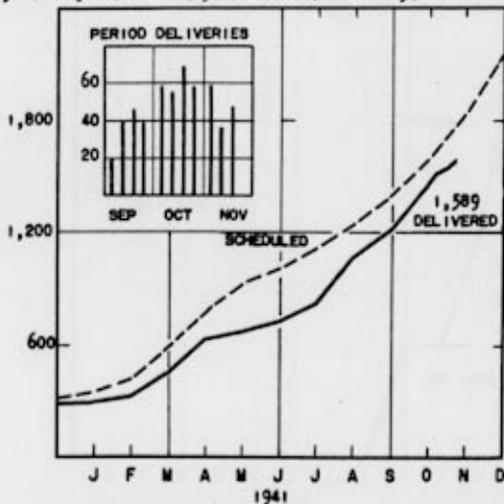


ARMY INSTALLATION ENGINES

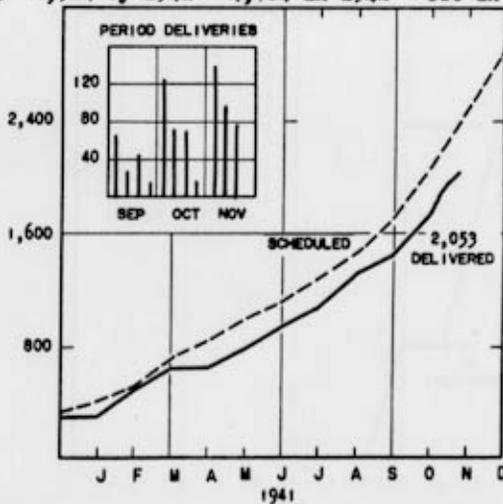
3,392 PURSUIT FIGHTER
1,282 by 1941 - 2,110 in 1942



8,994 PURSUIT INTERCEPTOR
2,140 by 1941 - 3,944 in 1942 - 2,910 in 1943



8,394 PURSUIT INTERCEPTOR
2,924 by 1941 - 4,784 in 1942 - 686 in 1943

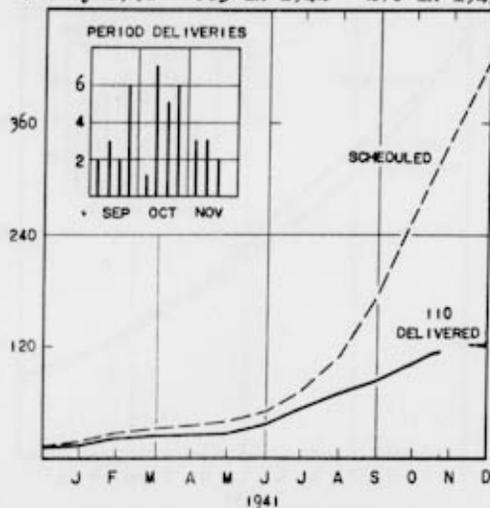


Air Corps

Statistics Branch
OUSW - 12-6-41

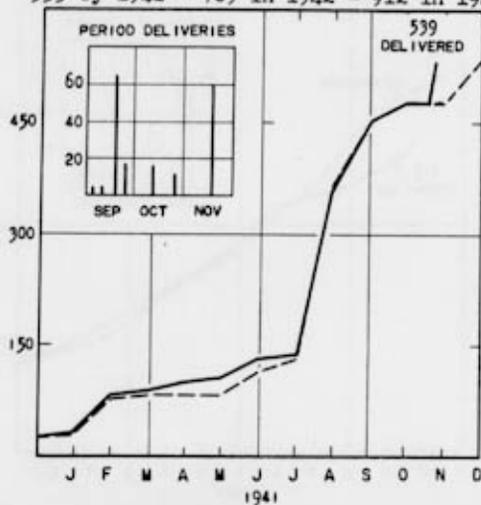
ARMY PROJECT AIRPLANES

1,361 TRANSPORT
428 by 1941 - 663 in 1942 - 270 in 1943

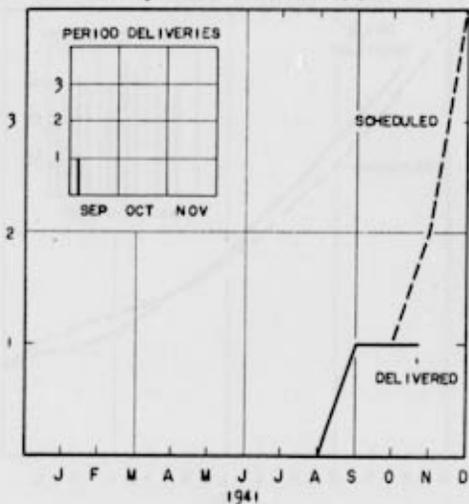


ARMY INSTALLATION ENGINES

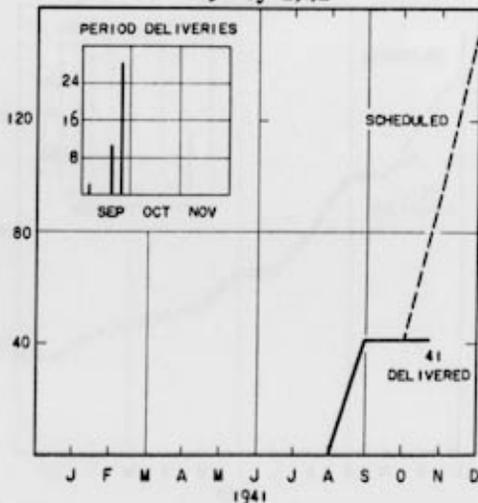
2,156 TRANSPORT
535 by 1941 - 709 in 1942 - 912 in 1943



75 AMPHIBIAN
4 by 1941 - 71 in 1942



150 AMPHIBIAN
150 by 1941

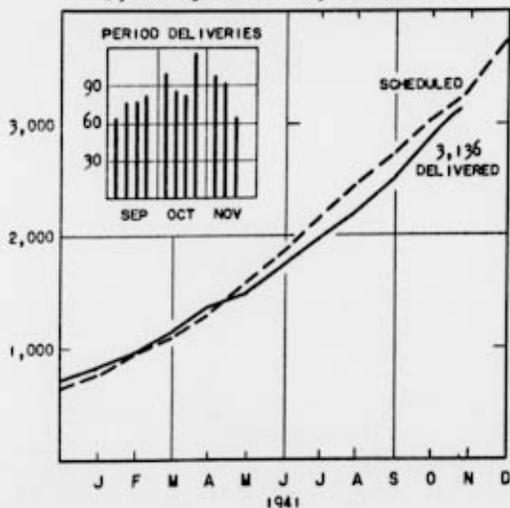


Air Corps

Statistics Branch
OUSW - 12-6-41

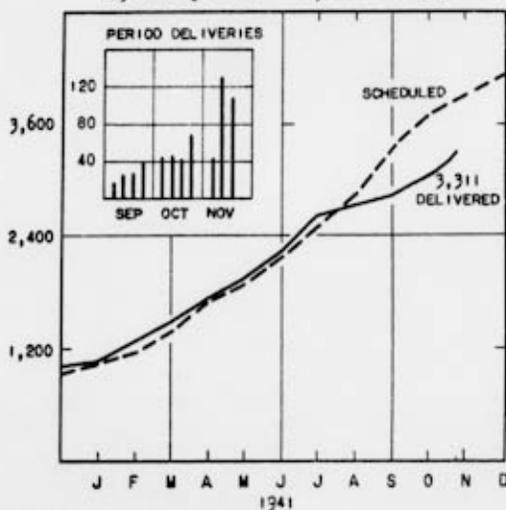
ARMY PROJECT AIRPLANES

5,940 PRIMARY TRAINER
3,720 by 1941 - 2,220 in 1942

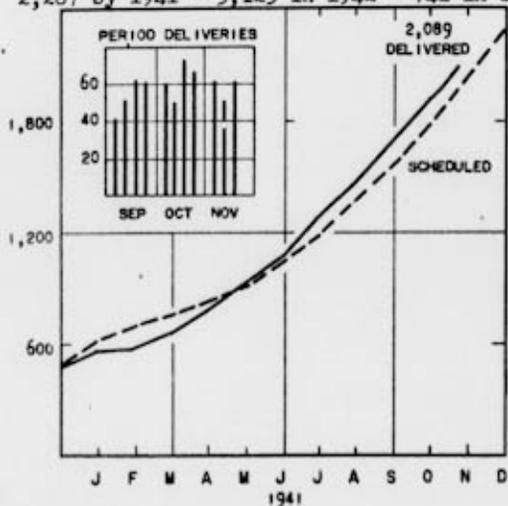


ARMY INSTALLATION ENGINES

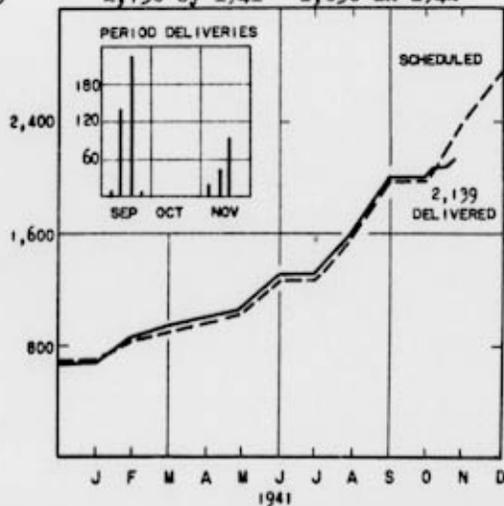
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,123 in 1942 - 741 in 1943

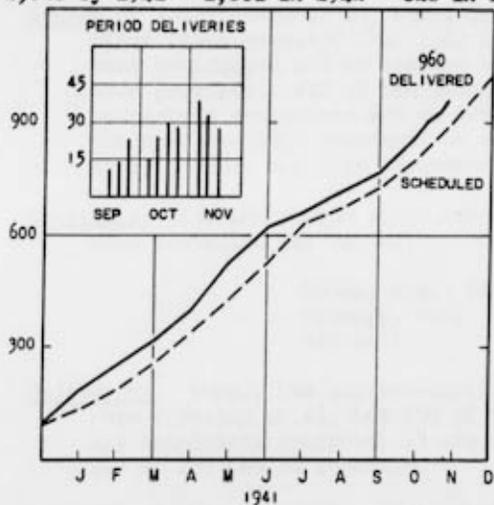


4,566 BASIC TRAINER
2,730 by 1941 - 1,836 in 1942



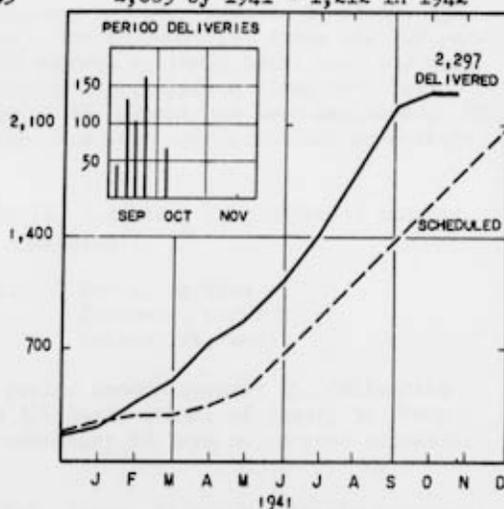
ARMY PROJECT AIRPLANES

3,657 ADVANCE TRAINER, 1 ENGINE
1,028 by 1941 - 1,801 in 1942 - 828 in 1943

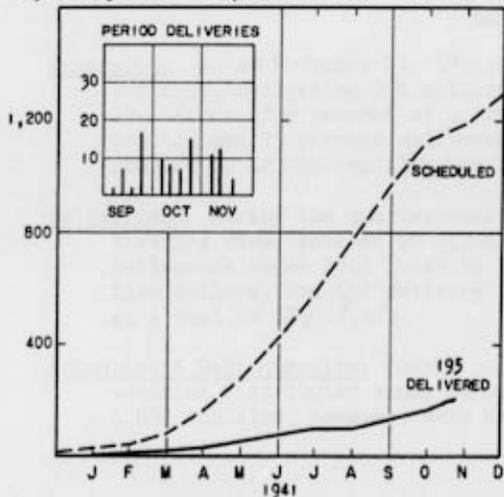


ARMY INSTALLATION ENGINES

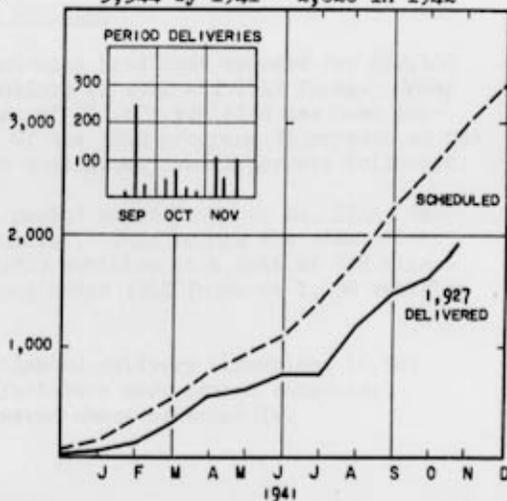
3,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 1,212 in 1942



3,682 ADVANCE TRAINER, 2 ENGINE
1,290 by 1941 - 2,303 in 1942 - 89 in 1943



6,164 ADVANCE TRAINER, 2 ENGINE
3,344 by 1941 - 2,820 in 1942



Air Corps

Statistics Branch
OUSW - 12-6-41

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - December 4, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of November 15, complete delivery has been made on 86 of the 132 basic items procured from 1941 funds. The 46 remaining items are 100 percent contracted and an average of 87 percent of their total programs has been procured. All of the 36 Deficiency Appropriation items have been completely contracted and an average of 83 percent has been delivered. Of the combined 1942 programs, 68 percent has been contracted and an average of 13 percent has been delivered.

Contracts: For the period ended November 15, increases in contracted amounts were indicated for 22 basic items, including:

Cloth, wool, 18 oz.	Shoes, service
Drawers, wool	Trousers, working
Raincoat	Undershirt, wool

Deliveries: During the quarter-monthly period ended November 15, deliveries were effected on all but 190 of the 329 basic items; of these, 94 items are completely procured; 17 are on schedule; 52 have no current schedule, and 27 are behind schedule.

Schedules & Delinquencies: Of the 329 basic items, 94 are completely procured; 98 are on or ahead of schedule; 58 have no current schedule; and 79 are behind schedule; however, only 26 are more than 10 percent delinquent.

MOTOR VEHICLES

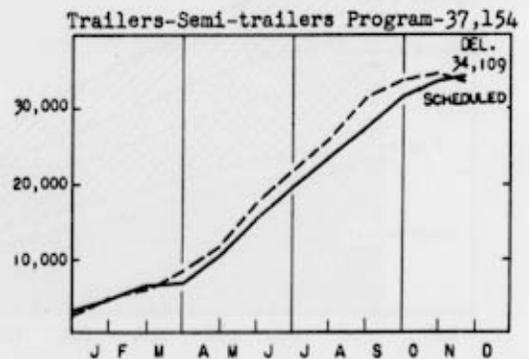
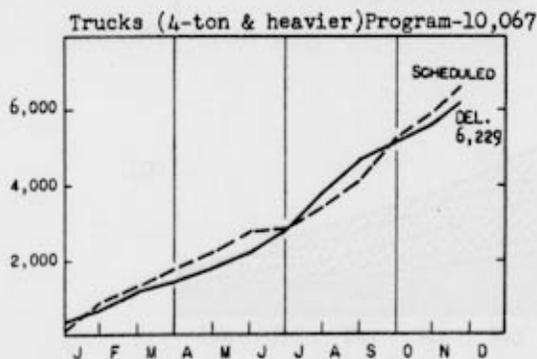
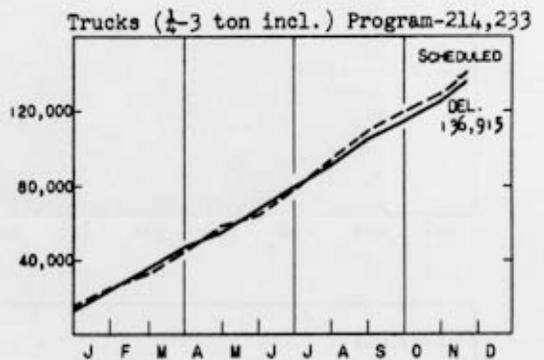
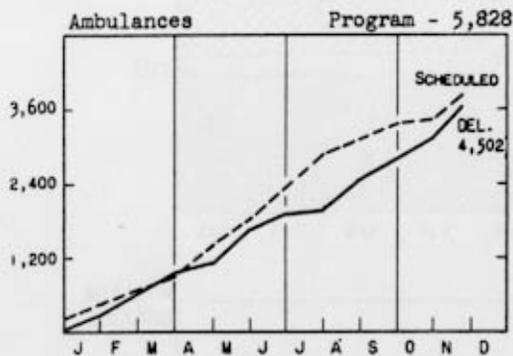
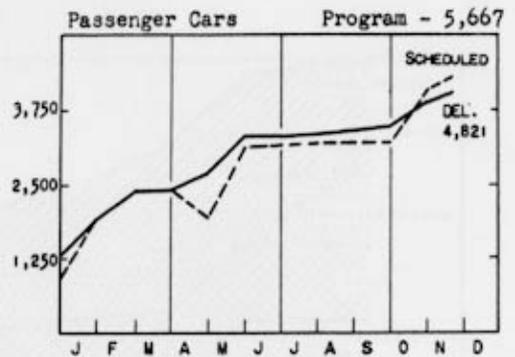
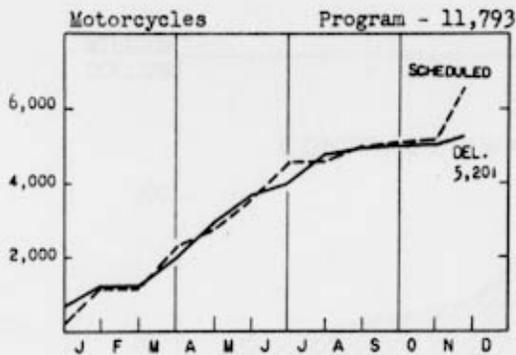
Contracts: As of November 22, 1941, contracts have been awarded for 282,167 vehicles, obligating 394 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,674 vehicles has been contracted and 79 percent delivered. Of the 1942 program, 94 percent of the program of 42,062 vehicles has been contracted, and 2 percent delivered.

Deliveries: During the quarter-monthly period ended November 22, 1941, deliveries were reported on 3,348 vehicles. This brings the cumulative deliveries under 1941 funds to 190,769 vehicles at a cost of 258 million dollars, and the delivery figure under 1942 funds to 1,008 vehicles at a cost of \$2,017,923.

Schedules & Delinquencies: Based on estimated delivery schedules, 10,589 vehicles distributed among 16 manufacturers were behind schedule; 4,838 vehicles, however, were delivered ahead of schedule.

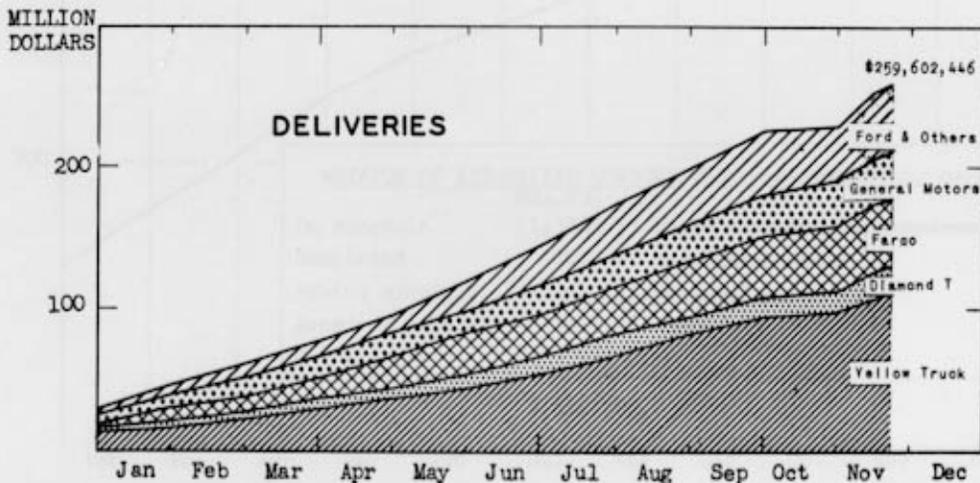
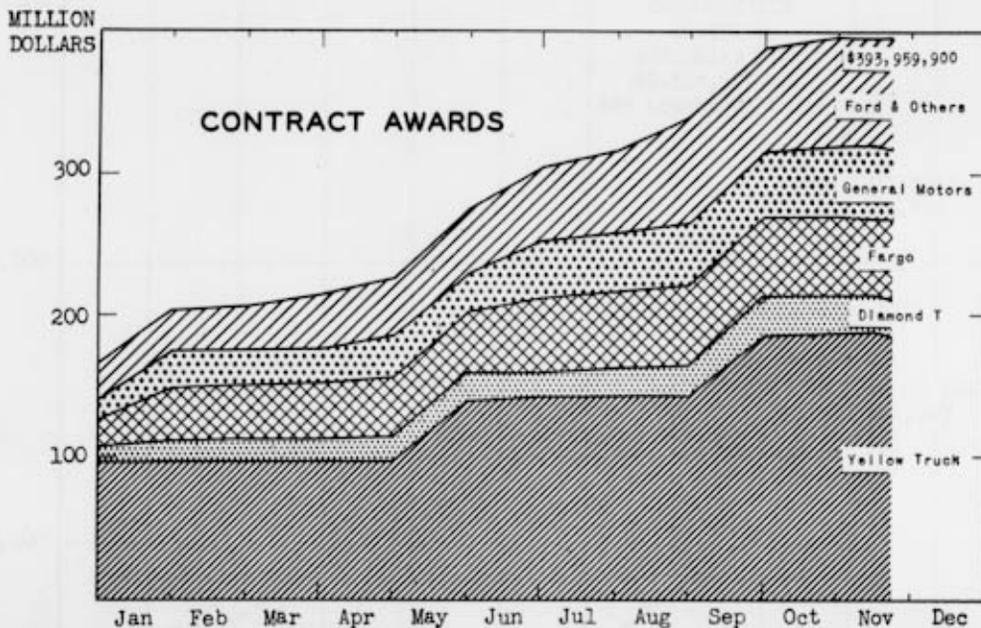
QUARTERMASTER CORPS-PROCUREMENT OF MOTOR VEHICLES BY TYPES-F.Y. 1941 & 1942-Nov. 22, 1941

Source of Information: Statistics Branch, Office of the Quartermaster General



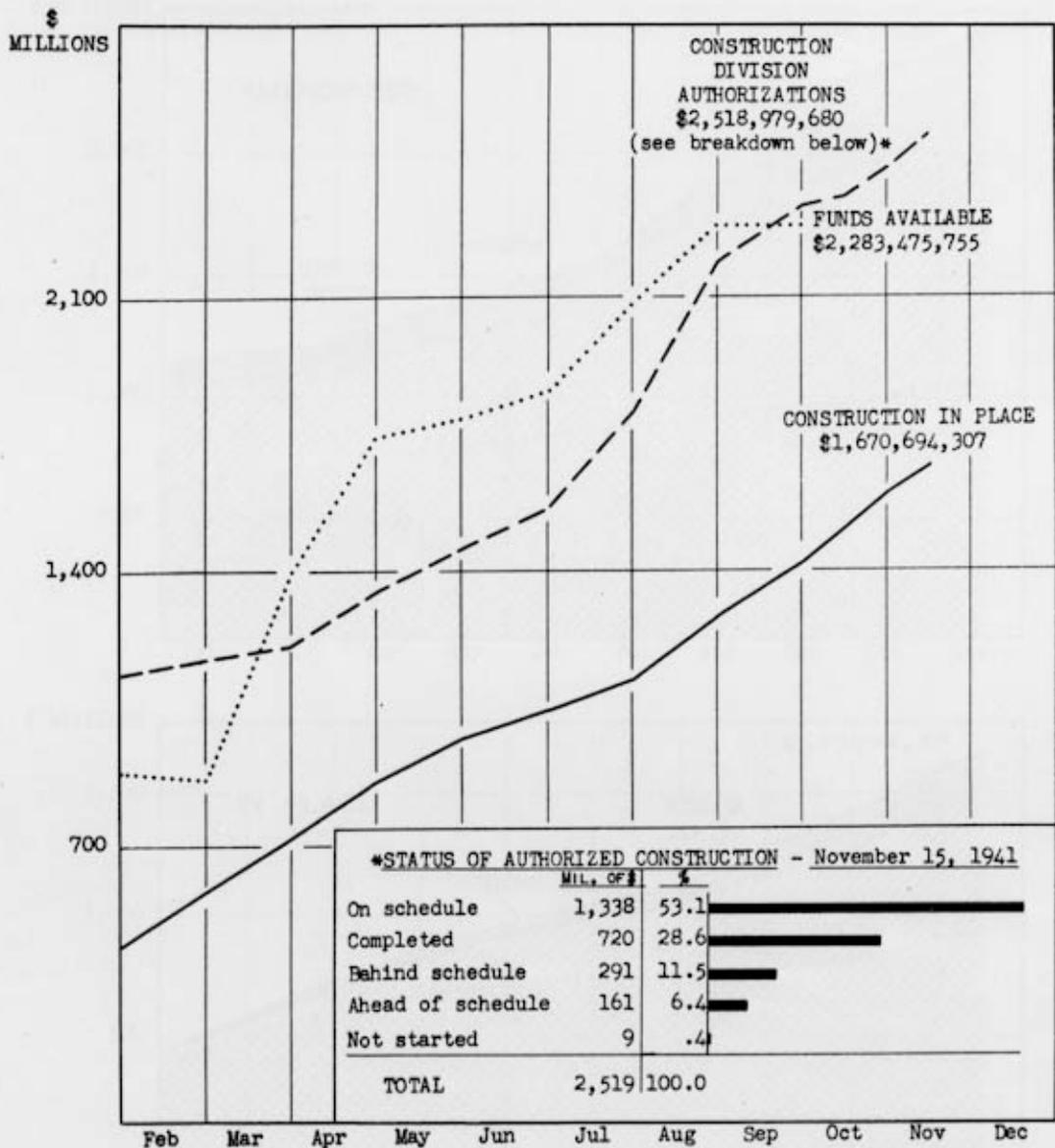
DIAGRAMS - MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F.Y. 1941 and 1942

Source: Statistics Branch, Office of the Quartermaster General - Nov. 15, 1941



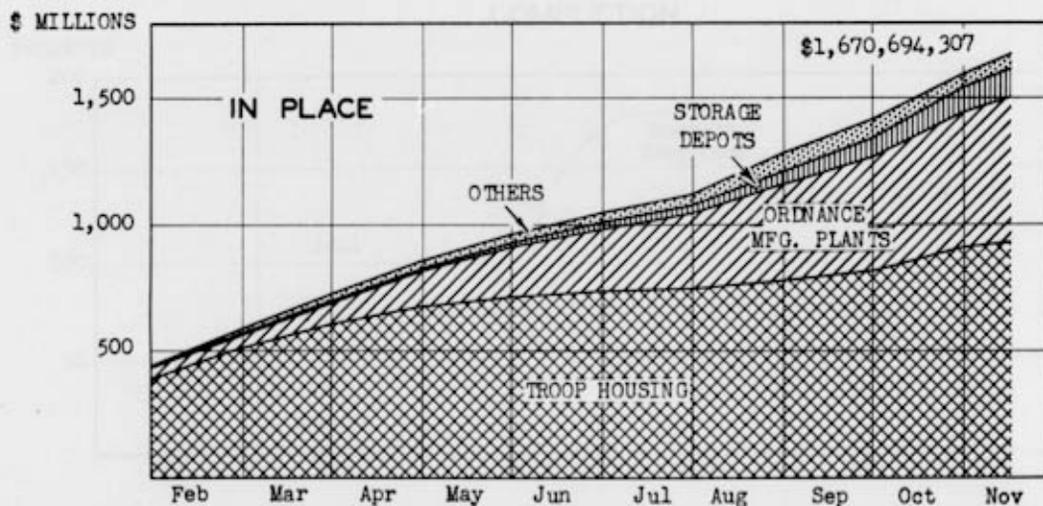
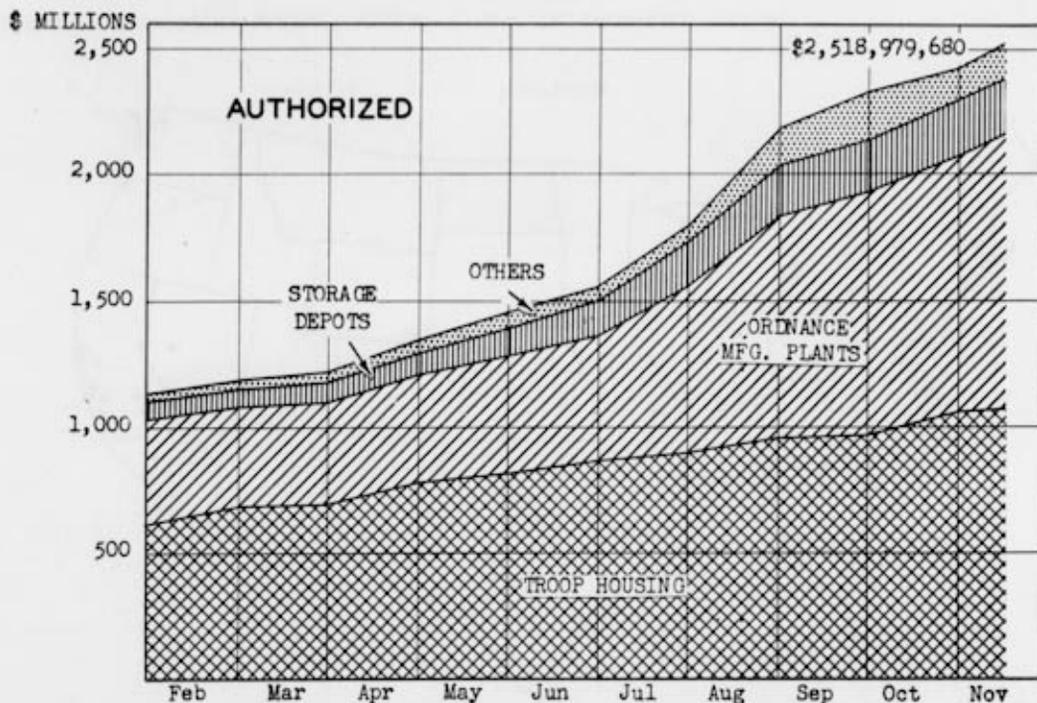
Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - November 15, 1941

Source: Construction Division, Office of the Quartermaster General



DIAGRAMS - STATUS OF QUARTERMASTER CONSTRUCTION - November 15, 1941

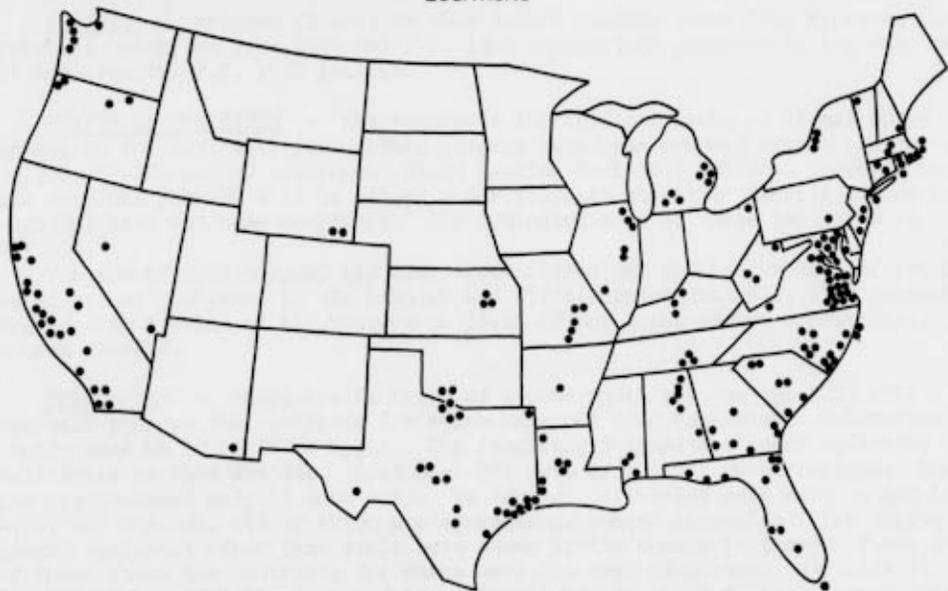
Source: Statistics Branch, Office of the Quartermaster General



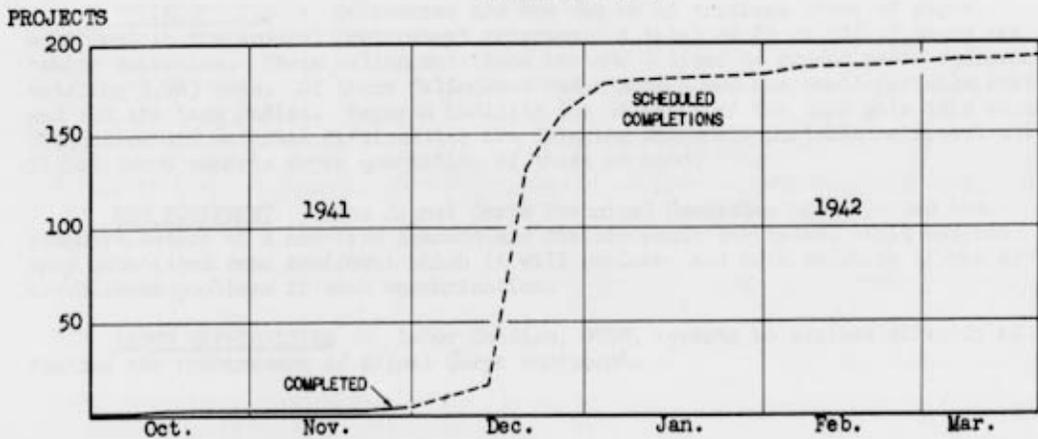
CONSTRUCTION STATUS OF U.S.O. RECREATION CENTERS - November 30, 1941

Source: Statistics Branch, Office of the Quartermaster General

LOCATIONS



COMPLETION



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - NOVEMBER 29, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division
Office of the Under Secretary of War, Labor Section

PROGRAM - Program figures in this report include quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 expenditure programs to include the first Supplemental F.Y. 1942 program.

STATUS OF CONTRACTS - All contracts for critical items of Signal Corps equipment on the F.Y. 1941 expenditure program have been awarded except contracts for 1,500 SCR-288 and 20 Instrument Blind Landing Equipment SCR-251. Reports indicate that the SCR-288 will be placed under contract shortly. Specifications for the SCR-251 have not been completed. The estimated cost of these two items is \$1,745,000.

The sum of \$177,981,000 has been appropriated for the procurement of critical items of ground equipment in the Regular and First Supplemental F.Y. 1942 programs. Contracts with a value of \$64,965,000 or 36.5% of the total amount appropriated have been awarded.

DELIVERIES - There are 24 types of ground radio sets on the F.Y. 1941 procurement program the contracts for which have not been completed. Deliveries are being made on 19 of these types. The remaining 5 types are under contract, but no deliveries on them are due. Last week 261 sets of 7 types were received. These deliveries included only 15 tank sets. No further deliveries were made on SCR-194, SCR-195, and SCR-294, all of which are appreciably behind schedules. The delivery of ground equipment other than radio sets shows little change in trend. There are 33 of these items the contracts for which have not been completed. Of these 33 items, 16 are behind delivery schedules. Deliveries on the F.Y. 1942 Signal Corps procurement program are not yet due in volume.

DELINQUENCIES - Deliveries are now due on 45 critical items of signal equipment in the several procurement programs. A total of 23 or 51% of these are behind schedules. These delinquent items include 7 types of ground radio equipment totaling 1,843 sets. Of these delinquent radio sets 1,000 are small portable units and 592 are tank radios. Reports indicate the delivery of the tank sets this month. Production and material difficulties are delaying the small portable sets, but the Signal Corps reports ample quantities of these on hand.

NEW EQUIPMENT - The Signal Corps Technical Committee has approved the standardization of a new type command and liaison radio for tanks. This set has many advantages over equipment which it will replace, and is a solution of one of the troublesome problems in tank communication.

LABOR DIFFICULTIES - Labor Section, OUSW, reports no strikes directly affecting the procurement of Signal Corps equipment.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - NOVEMBER 29, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division

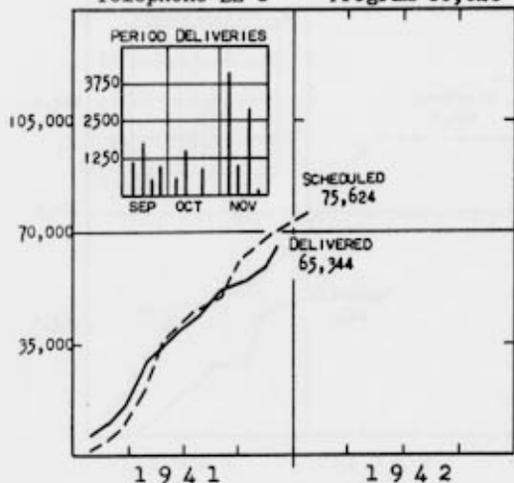
Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE		% AHEAD OF SCHEDULE	
			100 80 60 40 20 0	0 20 40 60 80 100		
<u>RADIO COMMUNICATION - GROUND</u>						
Frequency meter set SCR-211	428			20		
Head & chest set HS-19		2,150			9	
Radio set, ground (total)	236			1		
<u>MISCELLANEOUS EQUIPMENT</u>						
Converter M-134		29				116
Flash ranging set GR-4	4			14		
Interphone (vehicular)		543				39
Signal lamp equipment EE-84	428		100			
Sound ranging set GR-3-C						ON SCHEDULE
<u>ELECTRONIC EQUIPMENT*</u>						
Aircraft warning devices		52				14

* There are other items of ground Electronic Equipment on which deliveries are not yet due.

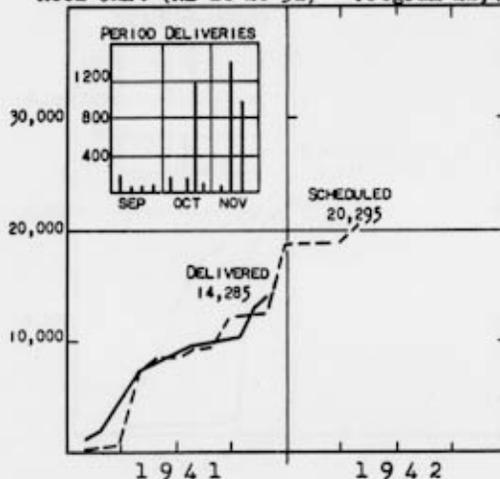
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - NOVEMBER 29, 1941

Source of Information: Procurement Division, Office of the Chief Signal Officer

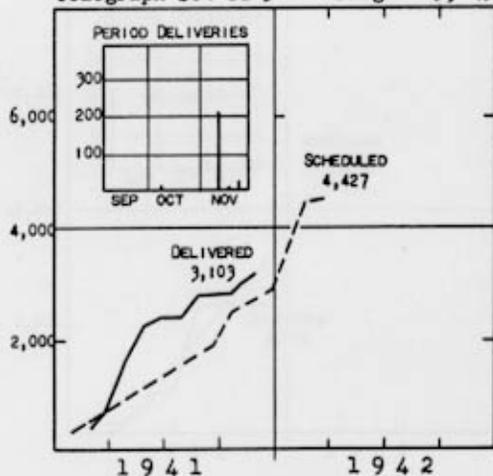
Telephone EE-8 - Program 80,026



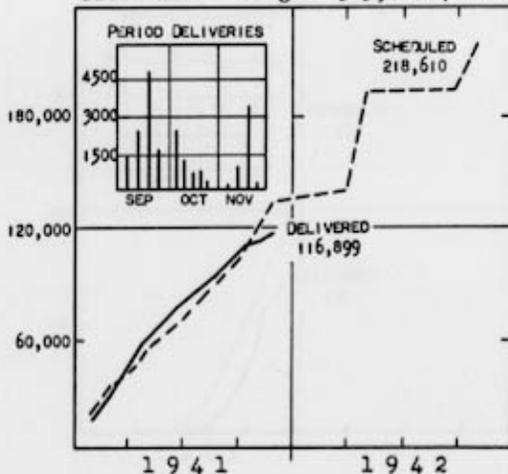
Reel Unit (RL-16-26-31) - Program 21,402



Telegraph Set TG-5 - Program 5,045



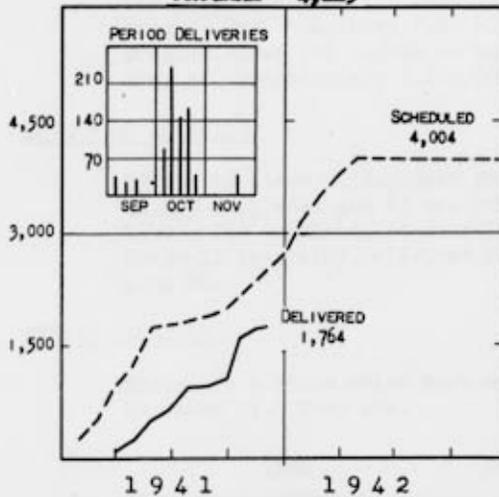
Field Wire - Program 313,707 (miles)



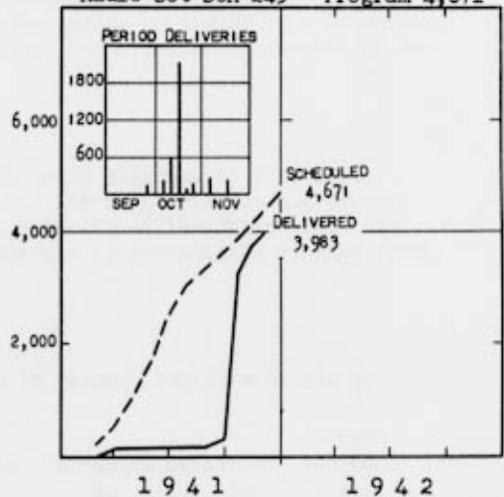
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
NOVEMBER 29, 1941

Source of Information: Procurement Division, Office of the Chief Signal Officer

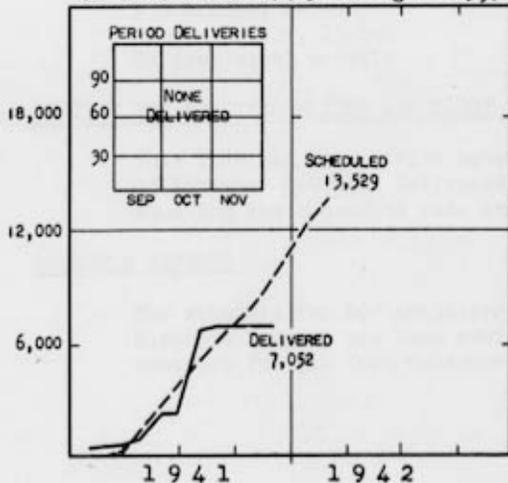
Frequency Meter Set SCR-211
 PROGRAM - 4,115



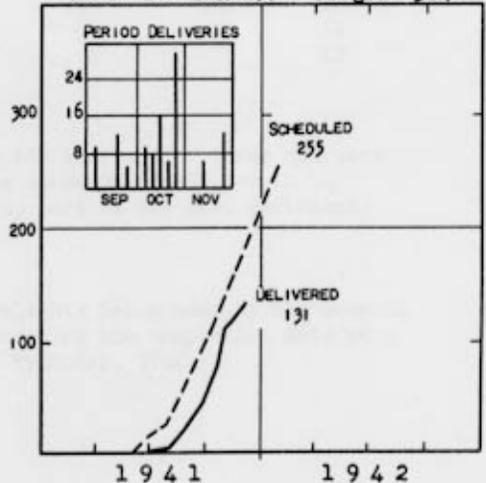
Radio Set SCR-245 - Program 4,671



Radio Set SCR-194-5 - Program 13,529



Radio Set SCR-197 - Program 364



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOVEMBER 23, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

PROGRAM COMPLETED

The program for the 18" beach defense searchlight was completed during the past week when the last 20 were reported as delivered. The present program just completed for 160 lights when added to the 22 on a previous program gives 182 lights on hand which are the total requirements for an army of approximately 3,200,000 men.

EXTENT OF ACTIVITY

Of the 46 items of Engineer procurement being followed by this office, 11 are completed and 23 are not scheduled for deliveries at the present time. The remaining 12 constitute the activity of the Engineers. All these 12 are being delivered behind schedule by percentages ranging from 4 to 80.

BEHIND SCHEDULE

There are 6 items which were more than 10 percent behind schedule on November 23. They are:

Item	Contracted	Scheduled	Delivered	Percent behind
Stereocomparagraph	187	50	10	80
Trailer for 60" searchlight	4000	3125	1414	55
Stereoscope, mag., mirror	3679	2056	1327	35
Footbridge, M-1938	164	150	120	20
Ponton bridge, 25-ton	76	57	47	18
Bridge, steel trestle	8	8	7	12

TRAILER FOR 60" SEARCHLIGHT AND LIGHT TRACTOR

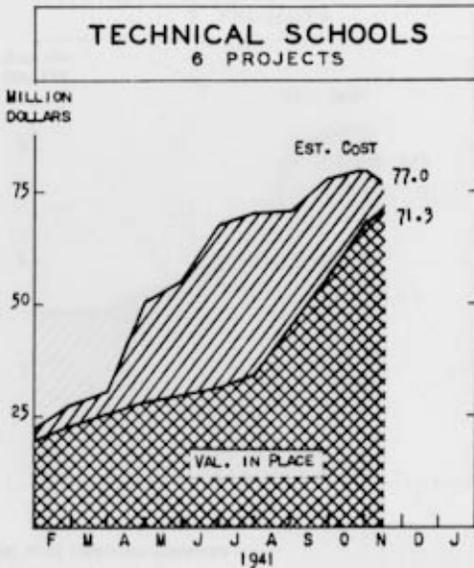
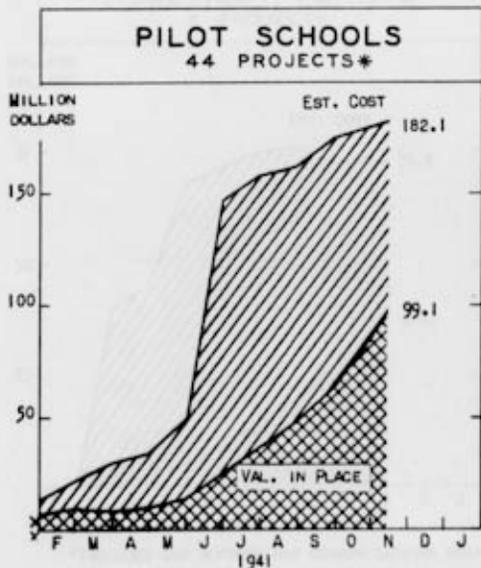
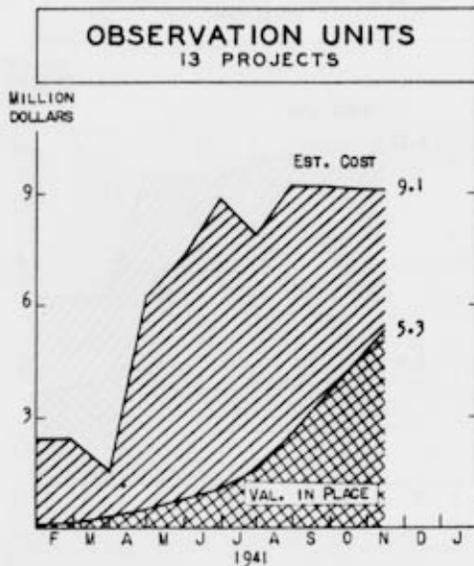
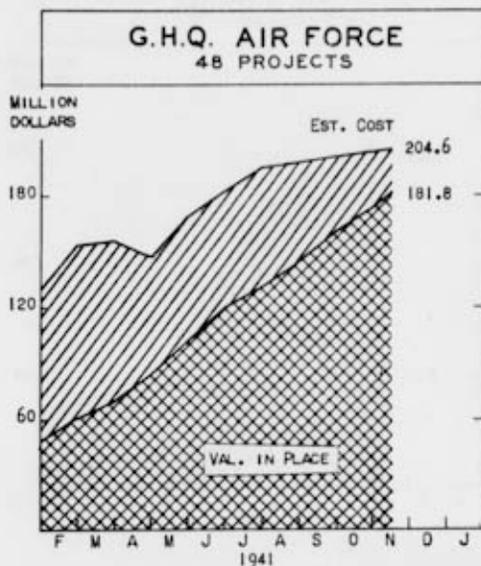
This item has been behind schedule from the start. For three quarters of November 440 were delivered against a schedule of 375, so it is equaling the scheduled rate and making up part of the past deficiency.

SCHEDULE REVISED

The schedule for 60" antiaircraft searchlights being made by the General Electric Company has been revised by extending the completion date on a contract for 510 from December, 1941 to February, 1942.

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - NOVEMBER 15, 1941

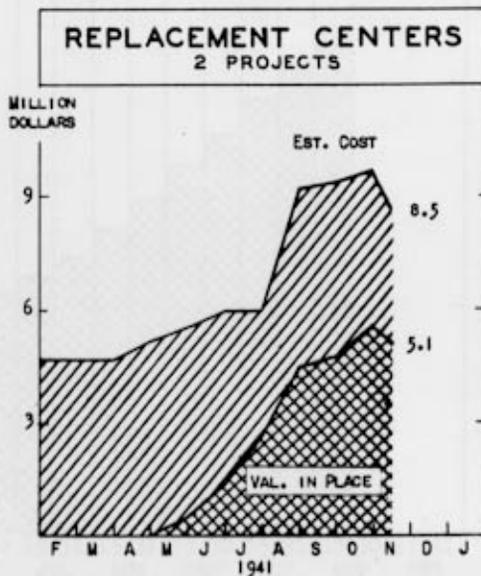
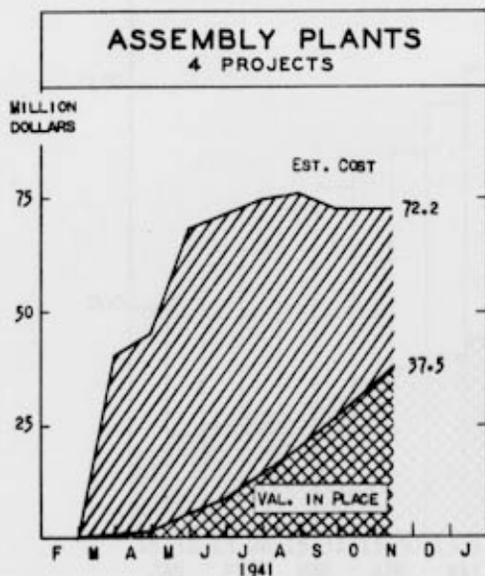
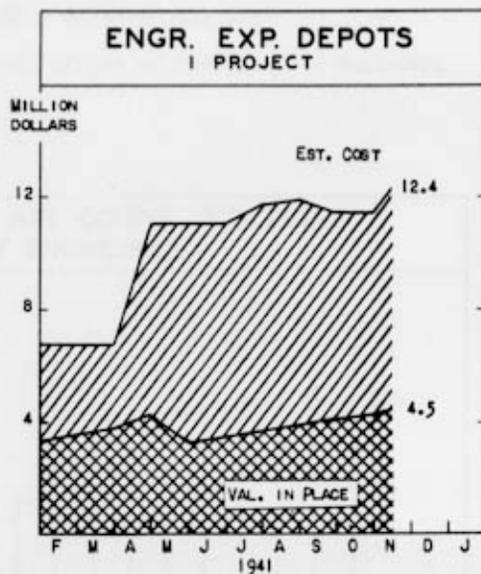
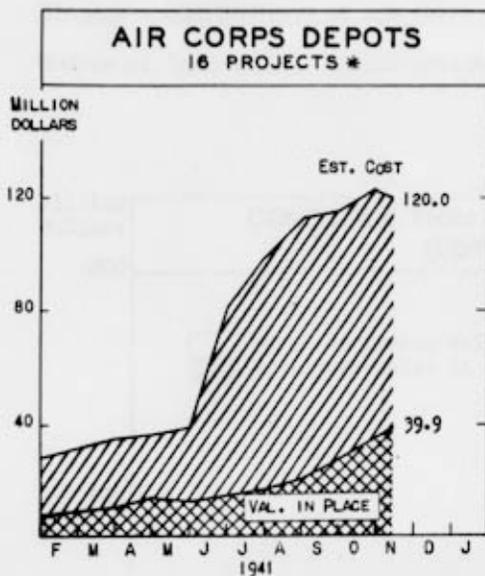
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES 3 BOMBING RANGES

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - NOVEMBER 15, 1941

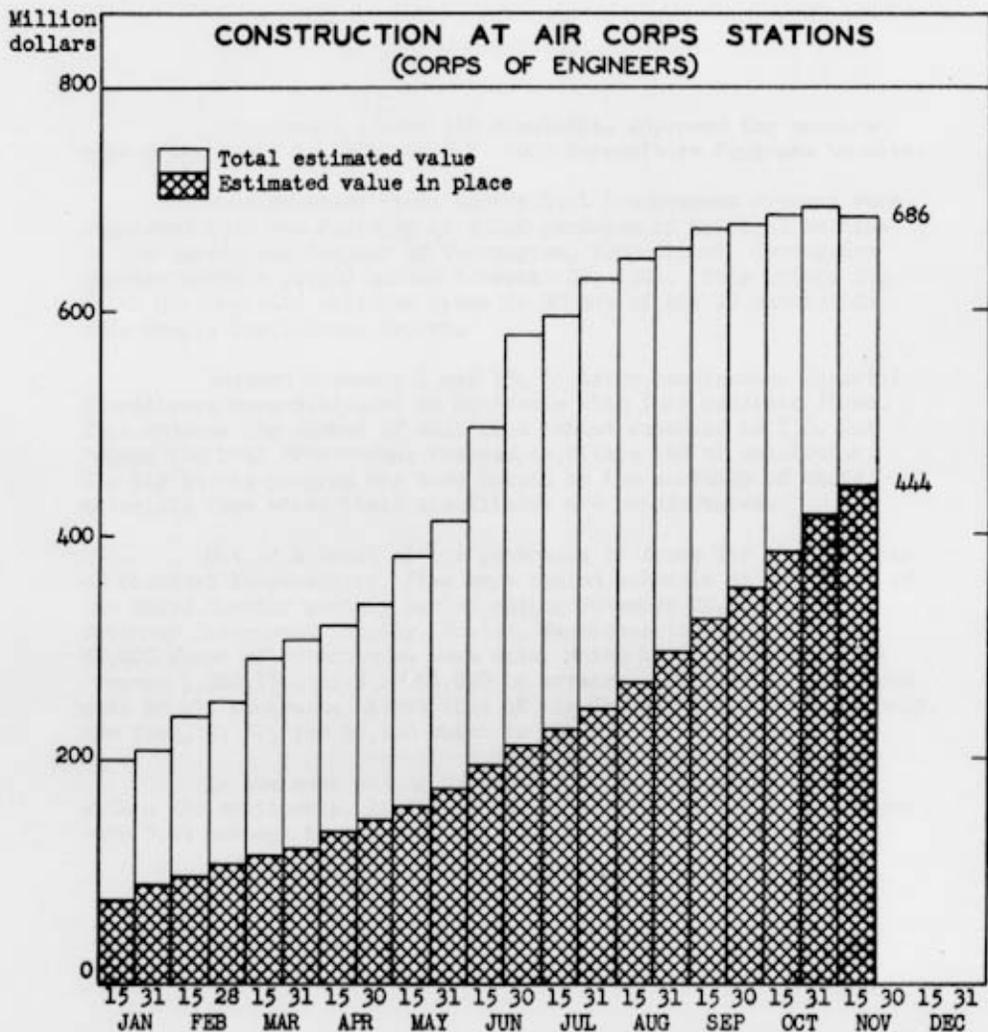
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES ONE WEATHER AND COMMUNICATIONS DETACHMENT AND FIVE FERRYING COMMANDS

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - NOVEMBER 15, 1941

Source of Information: Construction Section, Office of the Chief of Engineers



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED DECEMBER 6, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

This report covers all quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 Expenditure Programs to date.

Four selected items on the 1941 Procurement Program were completed with the delivery of 3,140 packages of Surgical Needles by the Torrington Company of Torrington, Connecticut, during the quarter monthly period ending November 23, 1941. This brings the total of completed selected items to 30 out of the 72 carried in this Weekly Statistical Report.

Between November 1 and 15, 55 large combination Hospital Sterilizers were delivered on contracts with four separate firms. This reduces the number of this item behind schedule to 130, and brings the 1941 Procurement Program to within 16% of completion. The lag in the program has been caused by the scarcity of basic materials from which these sterilizers are manufactured.

Out of a total of six contracts in force for the purchase of Clinical Thermometers, five were behind schedule at the close of the third quarter monthly period ending November 22, 1941. The Faichney Instrument Company, Boston, Massachusetts, however, was 50,000 ahead of schedule on that date, which left the entire 1941 Program 1,360,156, 6.7% or 64,820 in arrears. Deliveries have been made on all contracts except that of the Greiner Thermometer Company, New York, N. Y., for 65,520 which is 29,100 behind schedule.

In the week ending November 27, the percentage of sick within the continental limits of the United States was 3.41. There were 3.19 percent in hospital and .22 percent in quarters.

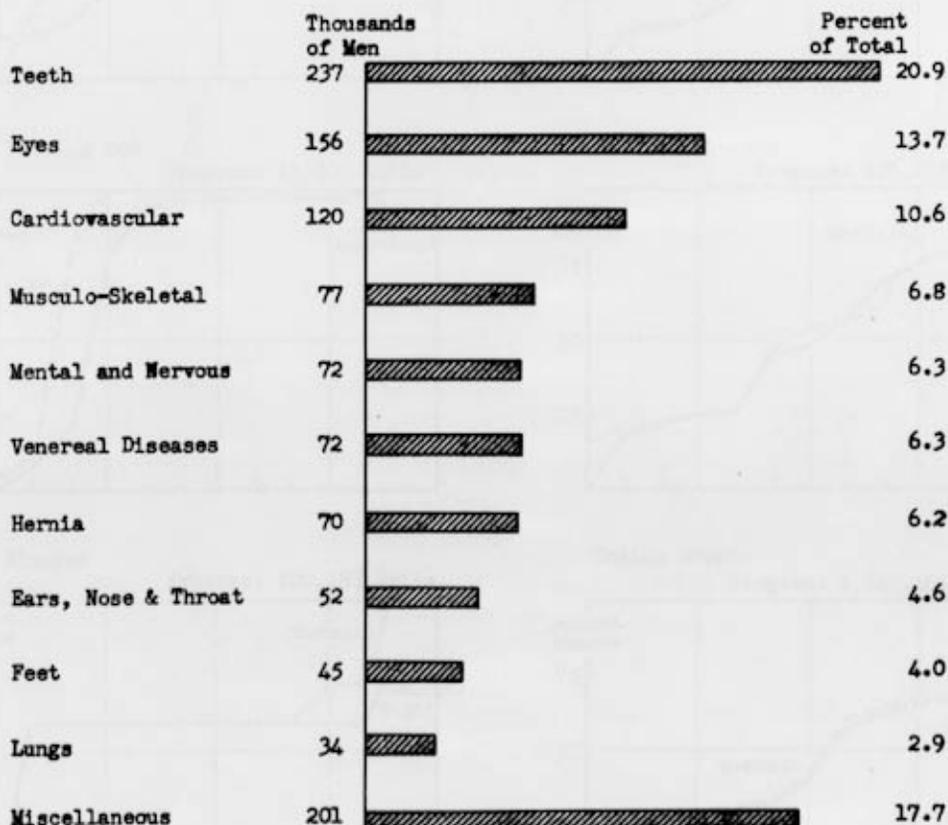
MEDICAL DEPT. - DRAFT REJECTIONS FOR PHYSICAL AND MENTAL DEFECTS - MAY 31, 1941

Source of Information: Div. of Research and Statistics, Selective Service System

Total Examined: 2,312,350



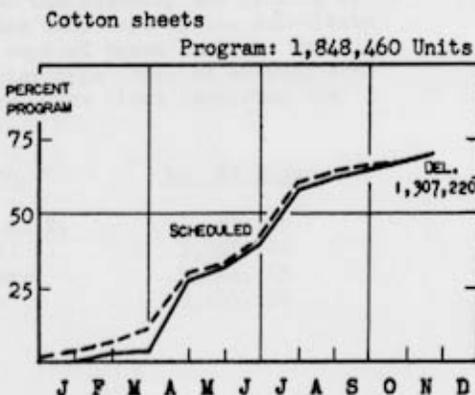
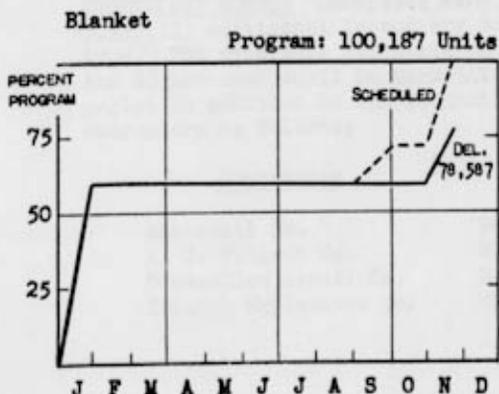
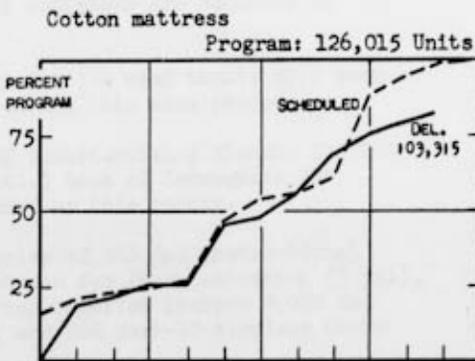
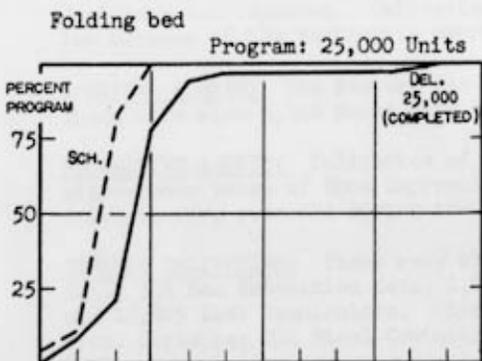
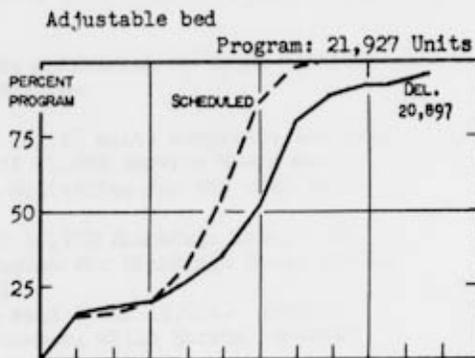
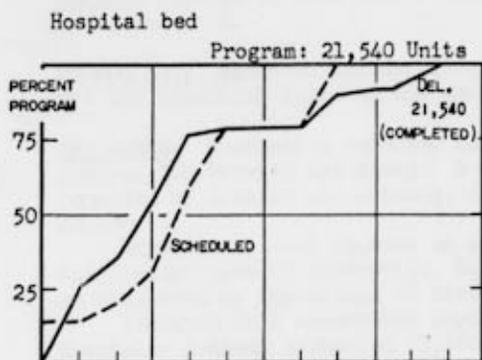
Causes for Rejection



MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - NOVEMBER 23, 1941

Source of Information: Medical Department Procurement Progress Reports

Includes 1941 program only.



TEXT SUMMARYCHEMICAL WARFARE SERVICENOVEMBER 28, 1941

Source of Information: Chemical Warfare Service Weekly Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941, and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on seven Critical and ten Essential Items on the Expenditure Program.

GAS MASKS: Goodyear's reported delivery of 14,582 units completes the 1941 program for Service Gas Masks. A delivery of 11,868 Service Masks was reported by Johnson and Johnson, making the deliveries for the week total 26,450.

Edgewood Arsenal reports an assembly of 15,970 Diaphragm Masks. At the present rate of production, the 1941 program for Diaphragm Masks should be completed by the middle of December, 1941.

Training Mask assemblies reported this week total 19,034. Sprague Specialty Company assembled 13,160 of this number; while Eureka reported 5,874 units, the first delivery on their 1942 contract.

A delivery of 5,000 Extra Service Canisters, and 6,704 Extra Optical Canisters was reported. Deliveries on extra canisters are necessarily low because of the Whetlerite shortage.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 80.4 tons. There were also 6,146 Smoke Pots delivered during this same period.

PROTECTIVE AGENTS: Deliveries of 60 tons of Demustardizing Bleach; 714,768 eight-ounce tubes of Shoe Impregnite, and 144.5 tons of Impregnite "I" Solvents were reported during the week covered by this report.

VARIOUS DELIVERIES: There were also deliveries of 266 Gas Instructional Sets; 346 Gas Detonation Sets; 1,725 Apparatuses for Decontaminating (3 gal), and 12,875 Dust Respirators. Other deliveries reported include 8,988 Gas Proof Curtains; 224 Steel Containers (ton), and 266 Mark-10 Airplane Smoke Tanks.

INCENDIARY BOMBS: Contracts were placed for the assembly and filling of 5,333,333 additional Incendiary Bombs. These bombs are of the substitute type. The contracts stipulate that 80 per cent of these shall be Mark-54 and 20 per cent shall be Mark-54X. The latter type contains an explosive pellet in addition to the incendiary mixture. The firms receiving the awards are as follows:

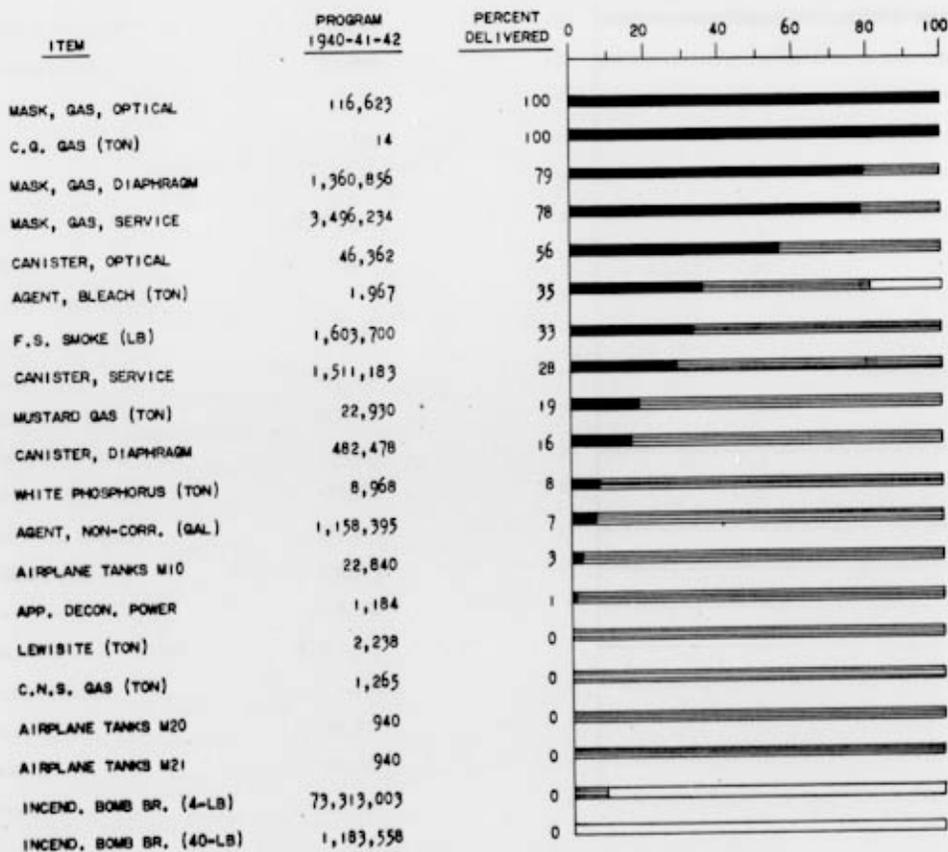
<u>Contractor</u>	<u>Location</u>	<u>No. of Bombs</u>
Antonelli Co.	Rochester, N. Y.	1,153,846
N. J. Fulgent Co.	Metuchen, N. J.	1,153,846
Unexcelled Manuf. Co.	New York City	1,564,103
Triumph Explosives Co.	Elkton, Md.	1,461,538

PROCUREMENT PROGRESS - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

November 28, 1941

DELIVERED
 CONTRACTED
 NOT CONTRACTED

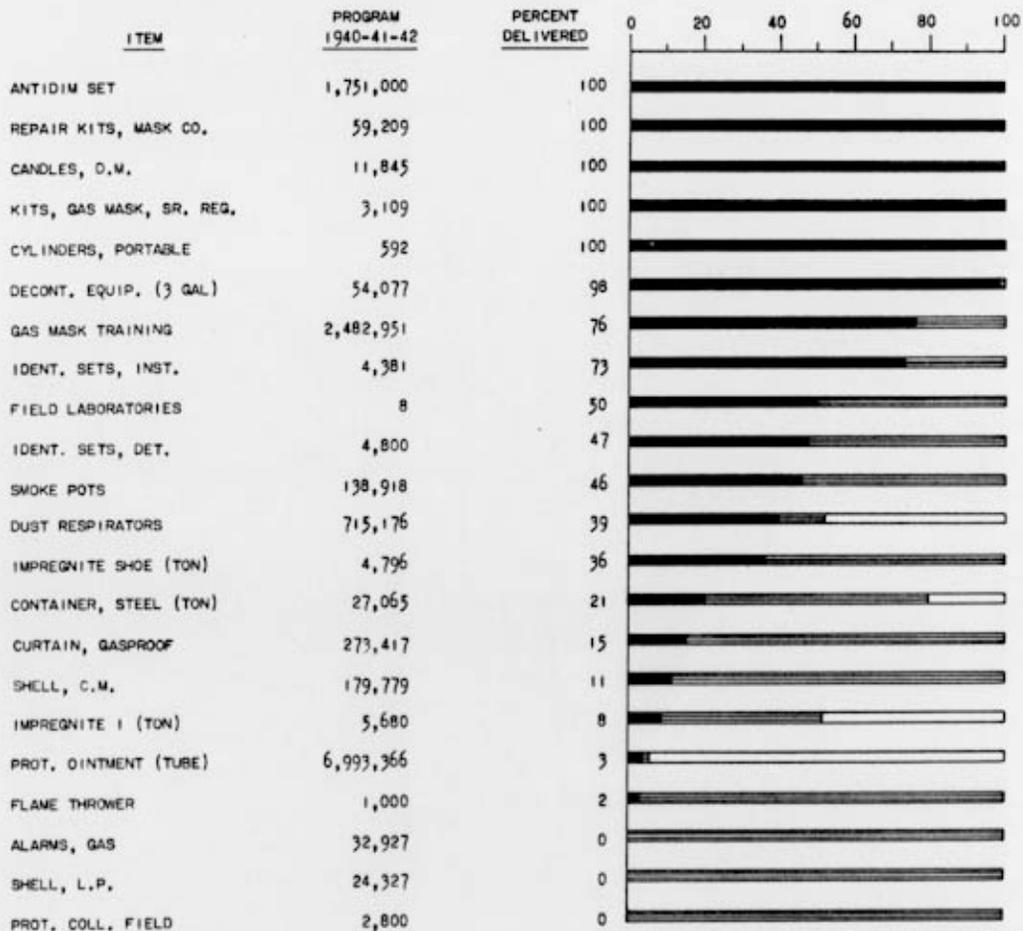


PROCUREMENT PROGRESS - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

November 28, 1941

DELIVERED
 CONTRACTED
 NOT CONTRACTED



SECRET

TO BE KEPT IN THE POSSESSION OF
OFFICER TO WHOM ISSUED AND LOCKED
UP WHEN NOT IN USE.

*PSF
War*

Box 91

WEEKLY STATISTICAL REPORT

No. 24

RELEASED

Leonard P. Ayres
BRIGADIER GENERAL LEONARD P. AYRES
DIRECTOR, STATISTICS BRANCH

*Looks like as S to me!
H.L.S.*

SUMMARY

Franklin D. Roosevelt Library

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DOD DIR. 5200.9 (9/27/58)

Date- *3-5-59*

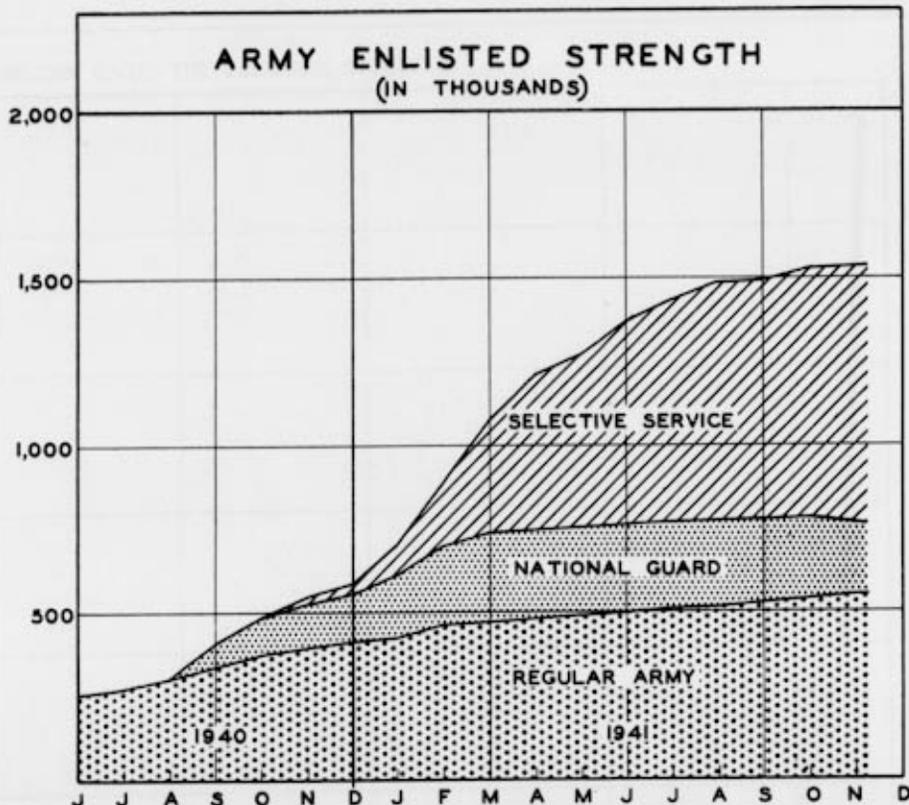
Signature- *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-2442-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 24
DECEMBER 13, 1941

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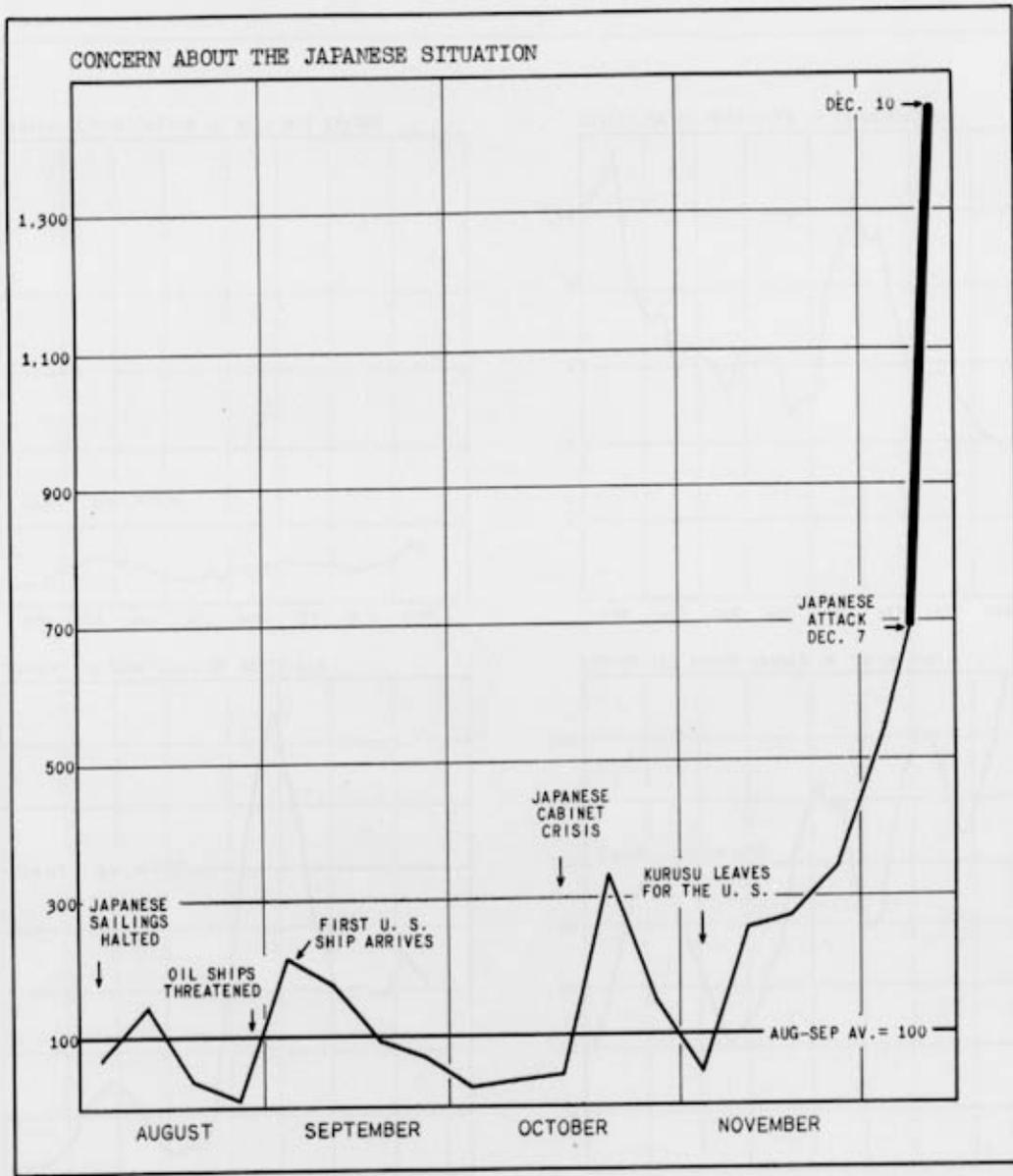
Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to December 8, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,481,197
Sep	407,613	Mar	1,068,030	Sep	1,484,024
Oct	483,218	Apr	1,205,873	Oct	1,526,600
Nov	540,695	May	1,265,211	Nov	1,528,500
Dec	573,520	Jun	1,362,760	Dec 8	1,532,500

Source of Information: Statistics Branch, General Staff, December 9, 1941

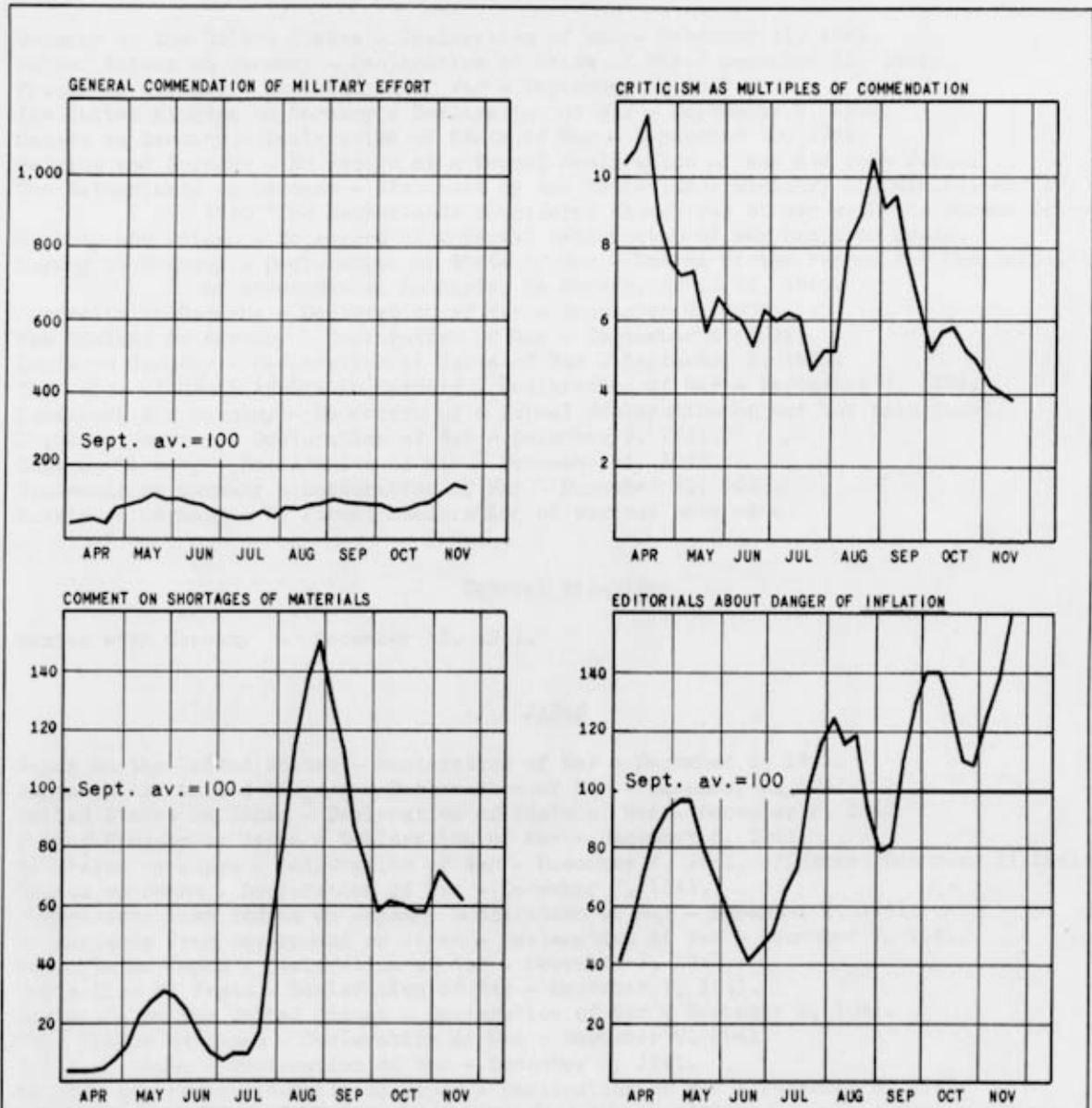
EDITORIAL CONCERN ABOUT OUR MILITARY PROGRESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 10, 1941



EDITORIAL OPINION ABOUT OUR MILITARY PROGRESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 10, 1941



DECLARATIONS OF WAR AND DECLARATIONS OF RECOGNITION OF STATES OF WAR

Source of Information: Executive Office of the President, The Department of State and Embassies and Legations concerned. Dates are those of the declaring nations.

GERMANY

Germany on the United States - Declaration of War - December 11, 1941.
United States on Germany - Declaration of State of War - December 11, 1941.
France on Germany - Declaration of War - September 3, 1939.
The United Kingdom on Germany - Declaration of War - September 3, 1939.
Canada on Germany - Declaration of State of War - September 10, 1939.
Belgium and Germany - No record of a formal declaration of war has been found.
The Netherlands on Germany - Statement by the Netherlands Ministry of Defense, May 10, 1940 "The Netherlands considered themselves at war with the German Reich."
Germany and Poland - No record of a formal declaration of war has been found.
Norway on Germany - Declaration of State of War - Decree of the Fuhrer for the Exercising of Governmental Authority in Norway, April 24, 1940.
Australia on Germany - Declaration of War - September 3, 1939.
New Zealand on Germany - Declaration of War - September 3, 1939.
India on Germany - Declaration of State of War - September 3, 1939.
The Union of South Africa on Germany - Declaration of War - September 6, 1939.
Luxemburg and Germany - No record of a formal declaration of war has been found.
China on Germany - Declaration of War - December 9, 1941.
Cuba on Germany - Declaration of War - December 11, 1941.
Guatemala on Germany - Declaration of War - December 11, 1941.
Russia on Germany - No formal declaration of war has been made.

Severed Relations

Mexico with Germany - December 12, 1941.

JAPAN

Japan on the United States - Declaration of War - December 8, 1941.
Japan on the United Kingdom - Declaration of War - December 8, 1941.
United States on Japan - Declaration of State of War - December 8, 1941.
United Kingdom on Japan - Declaration of War - December 8, 1941.
Nicaragua on Japan - Declaration of War - December 7, 1941, effective December 11, 1941.
Canada on Japan - Declaration of War - December 7, 1941.
Netherlands East Indies on Japan - Declaration of War - December 8, 1941.
Netherlands Free Government on Japan - Declaration of War - December 7, 1941.
Honduras on Japan - Declaration of War - December 7, 1941.
Costa Rica on Japan - Declaration of War - December 7, 1941.
Manchukuo on the United States - Declaration of War - December 8, 1941.
Free France on Japan - Declaration of War - December 8, 1941.
Haiti on Japan - Declaration of War - December 8, 1941.
Belgian Government-in-Exile on Japan - Declaration of War - December 8, 1941.
Australia on Japan - Declaration of War - December 8, 1941.
El Salvador on Japan - Declaration of War - December 8, 1941.
Dominican Republic on Japan - Declaration of War - December 8, 1941.

DECLARATIONS OF WAR AND DECLARATIONS OF RECOGNITIONS OF STATES OF WAR

JAPAN (Continued)

New Zealand on Japan - Declaration of War - December 9, 1941.
Union of South Africa on Japan - Declaration of War - December 9, 1941.
Free Government of Greece on Japan - Declaration of War - December 8, 1941.
Free Government of Poland on Japan - Declaration of War - December 8, 1941.
China on Japan - Declaration of War - December 9, 1941.
Cuba on Japan - Declaration of War - December 9, 1941.
Guatemala on Japan - Declaration of War - December 8, 1941.
Panama on Japan - Declaration of War - December 10, 1941.
Thailand on Japan - Declaration of State of War - December 12, 1941.

Severed Relations

Mexico with Japan - December 8, 1941.
Uruguay with Japan - December 9, 1941.
Egypt with Japan - December 8, 1941.
Colombia with Japan - December 9, 1941.

ITALY

Italy on the United States - Declaration of War - December 11, 1941.
United States on Italy - Declaration of State of War - December 11, 1941.
Italy on France - Declaration of State of War - June 11, 1940.
Italy on the United Kingdom - Declaration of State of War - June 11, 1940.
Canada on Italy - Declaration of State of War - June 11, 1940 as of June 10, 1940.
Australia on Italy - Declaration of State of War - June 11, 1940.
New Zealand on Italy - Declaration of War - June 11, 1940.
Union of South Africa on Italy - Declaration of War - June 11, 1940.
Greece on Italy - Statement to the American Legation in Athens announcing a State of War, October 28, 1940.
China on Italy - Declaration of War - December 9, 1941.
Cuba on Italy - Declaration of War - December 11, 1941.
Guatemala on Italy - Declaration of War - December 11, 1941.
Russia on Italy - No formal declaration has been made.

Severed Relations

Belgium with Italy - June 18, 1940.
Netherlands with Italy - June 10, 1940.
Mexico with Italy - December 12, 1941.

HUNGARY

Severed Relations

Hungary with the United States - December 11, 1941.

SLOVAKIA

Slovakia on the United States - Declaration of State of War - December 12, 1941.
Slovakia on the United Kingdom - Declaration of State of War - December 12, 1941.

Report includes declarations up to 11:30 A.M., December 12, 1941.

DEFENSE AID - ORDNANCE COMMON ITEMS - NOVEMBER 15, 1941

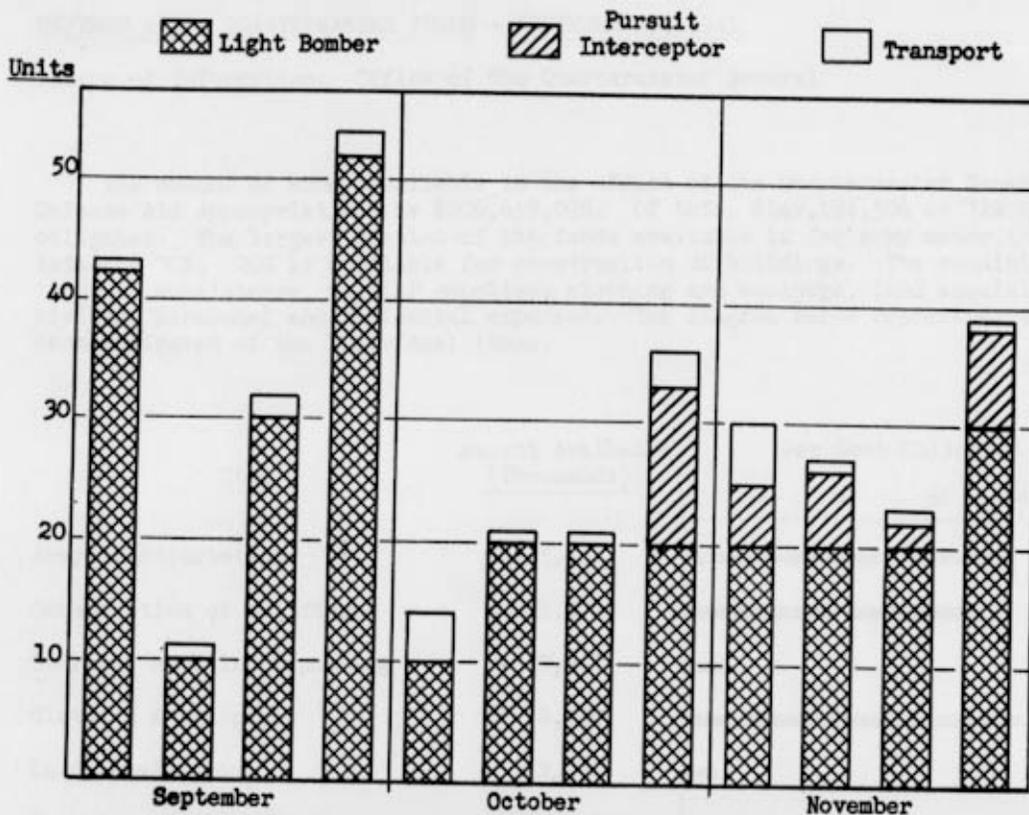
Source of Information: Ordnance Department & OEM

UNITED KINGDOM AND CHINA

Item	Recommended		Allocated	Obligated	Transferred Thru Nov 30	
	From the 1.3 bil. limit.	From D. A. Appros.			There are neither alloc. nor obligations under the 1.3 billion limit.	From the 1.3 bil. limit.
<u>Artillery</u>						
Gun, 20 mm, A.C.	0	40,000	40,000	40,000	0	0
Gun, 37 mm, A.T.	953	1,860	1,860	1,860	0	0
Gun, 40 mm, A.A.	0	1,500	1,500	1,500	0	0
Howitzer, 75 mm, field	240	0	0	0	0	0
Howitzer, 75 mm, pack	0	360	360	360	24	0
Gun, 90 mm, A.A.	87	68	68	68	0	0
Howitzer, 105 mm	594	558	558	558	0	0
Howitzer, 155 mm	0	240	240	240	0	0
Howitzer, 155 mm, H.S.	0	144	144	144	204	0
Gun, 155 mm	0	100	100	100	0	0
Mortar, 60 mm	0	1,000	1,000	1,000	0	0
<u>Automotive</u>						
Tank, light, M3	1,189	0	0	0	698	0
Tank, medium, M3	1,291	2,100	2,100	2,100	48	0
Car, scout, M3A1, M3A4	229	600	600	600	260	0
Truck, heavy, wrecking	0	365	365	365	0	0
Truck, auto, repair	0	128	128	128	3	0
Truck, machine shop	0	70	70	70	3	0
Truck, spare parts	0	150	150	150	4	0
Truck, tool & bench	0	25	25	25	1	0
Truck, welding	0	87	87	87	3	0
<u>Small Arms</u>						
M.G. cal.30, A.C.	8,882	37,030	37,030	36,000	341	0
M.G. cal.30M1919A4fix.	0	5,000	2,057	2,057	0	0
M.G. cal.30M1919A4flex.	23,197	15,652	12,000	--	804	0
M.G. cal.50, A.C.	33,978	18,670	18,670	18,000	1,892	0
M.G. cal.50, A.A.	0	2,300	2,300	2,300	20	1,504

QUARTER MONTHLY AIRPLANE DELIVERIES - DEFENSE AID - NOVEMBER 30, 1941

Source of Information: Materiel Division - Air Corps



RECAPITULATION

1941	Combat		Service Combat	Total
	Light Bomber	Pursuit Interceptor	Transport	
September	134	--	6	140
October	70	13*	9	92*
November	90	21	8	119
Total	294	34	23	351

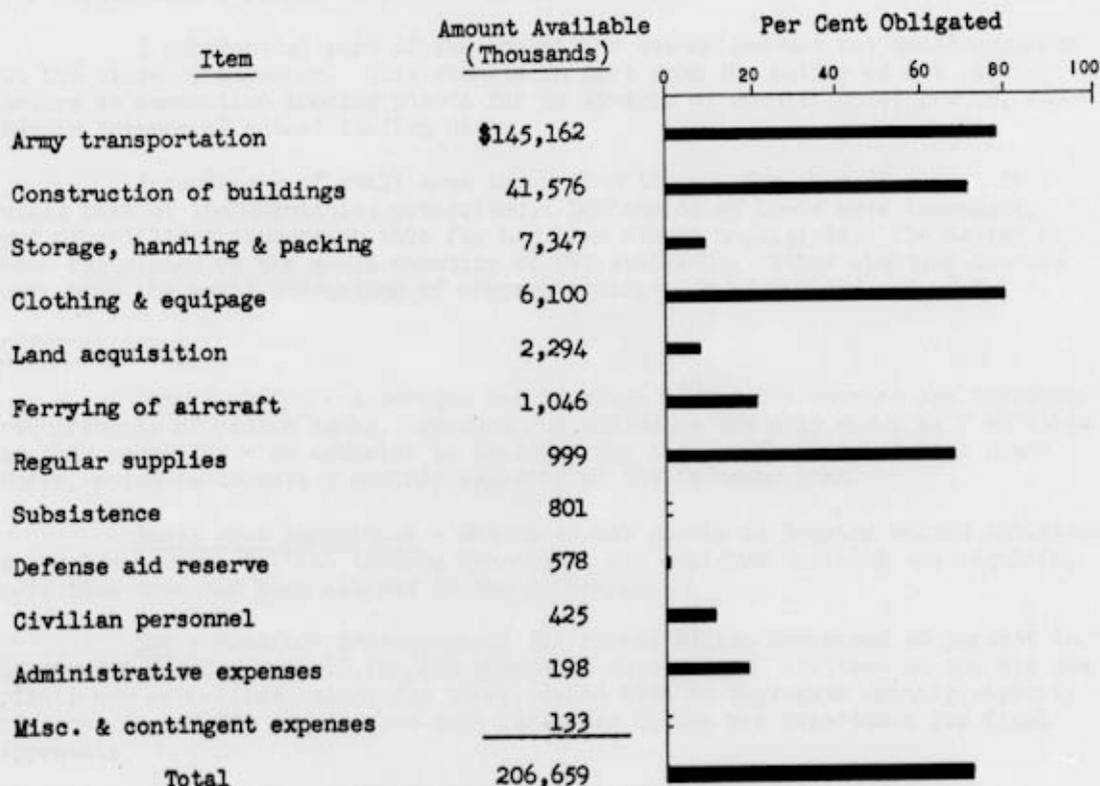
Note: The only deliveries previous to September 1941 were two Transports (C-61). To date no trainers have been delivered on the Defense Aid Program.

*Includes two Pursuit Interceptors (P-66) previously credited to Canada but now transferred to Defense Aid.

DEFENSE AID - QUARTERMASTER FUNDS - NOVEMBER 15, 1941

Source of Information: Office of The Quartermaster General

The amount of money available in the office of the Quartermaster General from Defense Aid Appropriations is \$206,659,098. Of this, \$149,194,506 or 72% has been obligated. The largest portion of the funds available is for army motor transportation - 70%. 20% is available for construction of buildings. The remaining 10% includes subsistence, regular supplies, clothing and equipage, land acquisition, civilian personnel and incidental expenses. The diagram below represents the per cent obligated of the individual items.



TEXT SUMMARY - ORDNANCE DEPARTMENT - DECEMBER 13, 1941

Source of Information: Ordnance Department, British Purchasing Commission, OPM and OUSW

NOVEMBER PROGRESS

Contract authorizations increased by more than 1 billion dollars in November to 65 percent of the approximately 5 billion dollars Fiscal Year 1942 funds available.

Acceptances of complete equipment and ammunition items showed general but small gains in November over preceding months. These figures for significant items are carried on the following page.

CURRENT SITUATION

At the close of November, virtually all equipment authorized was under contract and on delivery schedules, excepting recently authorized self-propelled antitank guns. Small parts of the authorized quantities of 20mm aircraft cannon, medium tanks and 75mm tank guns, antiaircraft guns, 105mm howitzers and the new self-propelled antitank guns have been accepted. The Navy and Defense Aid account for substantial portions of present authorizations.

A substantial part of the ammunition authorized was not under contract at the close of November. This results in part from the policy of not issuing orders to ammunition loading plants far in advance of completion of plants, nor far in advance of actual loading dates.

Acceptances of small arms ammunition through November 30 were only a small part of the quantities authorized. Deliveries of bombs have increased. Output of artillery ammunition thus far has been almost negligible. The latter has been restricted by the small quantity of TNT available. Other limiting factors have been the small production of armor piercing body assemblies and of fuzes.

CRITICAL ITEMS

75mm Tank Gun - A serious lag is shown behind the current and forecast requirements of medium tanks. Present gun schedules are only about half as large as tank schedules. No estimate is included for the new facility of Olds Motor Works, which is to have a monthly capacity of two thousand guns.

Small Arms Ammunition - Output of new plants is lagging behind estimated schedules because initial tooling operations and employee training are requiring more time than had been allowed in the schedules.

TNT - November production of the United States increased 40 percent to 15,400,000 pounds, from 10,800,000 pounds in October. In addition to the six new plants now authorized, plans for three plants with an aggregate monthly capacity of about 27,000,000 pounds have been forwarded by the War Department for final approval:

American Cyanamide Co. - Rochester, N. Y. - 240,000 #/day
General Chemical Co. - Point Pleasant, W. Va. - 480,000 #/day
Monsanto Chemical Co. - Karnack, Texas - 240,000 #/day

MONTHLY PRODUCTION OF EQUIPMENT AND AMMUNITION - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

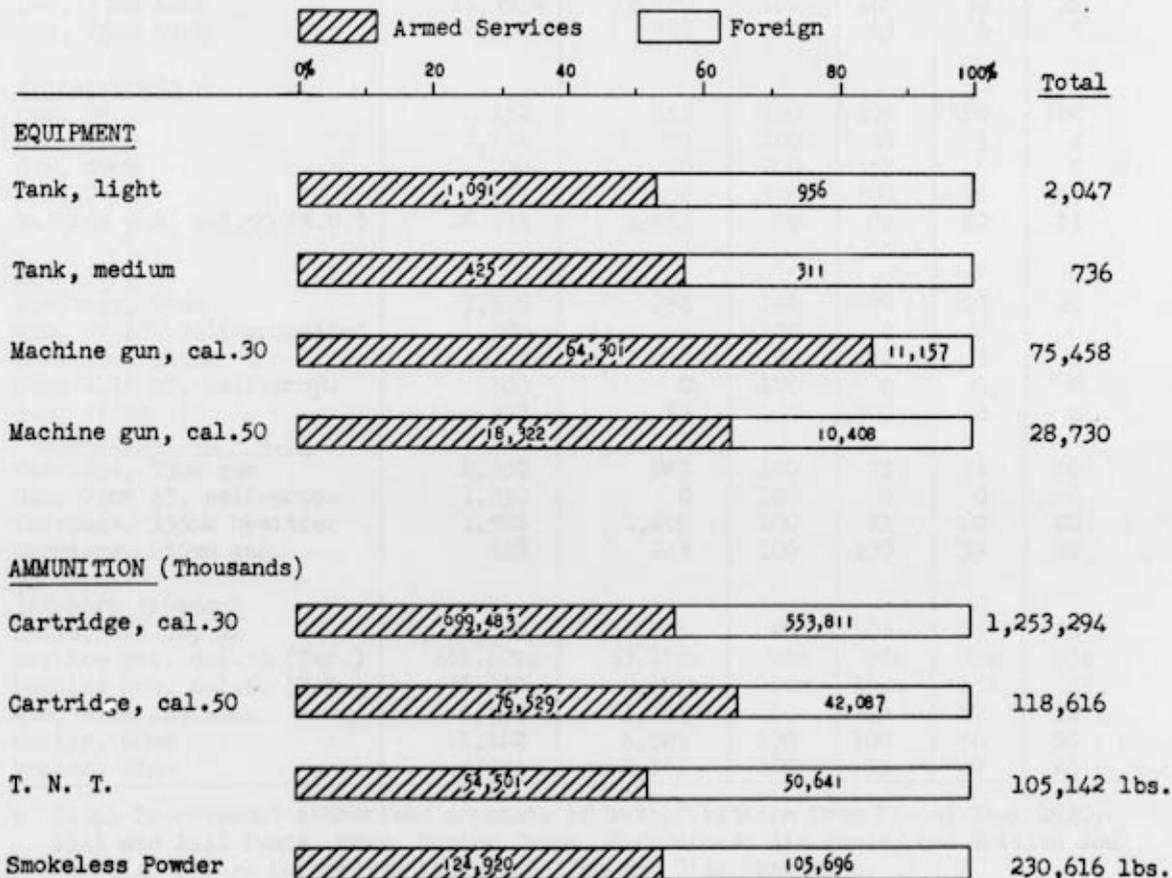
Item	Actual			Estimated		
	Sep '41	Oct '41	Nov '41	Dec '41	Jan '42	Feb '42
<u>EQUIPMENT</u>						
Machine gun, cal.30 A.C.	625	1,681	1,177	3,810	5,030	5,800
Machine gun, cal.50 A.C.	6,330	6,473	7,698	9,515	12,320	12,670
Gun, 20mm automatic A.C.	50	0	188	600	850	1,500
Gun, 37mm automatic A.C.	37	13	15	67	150	200
Tank, light	309	400	338	310	330	360
Tank, medium	193	249	325	420	500	500
Gun, 37mm tank	354	374	811	973	1,025	1,250
Gun, 75mm tank	151	194	174	324	260	290
Gun, 90mm A.A.	32	24	25	25	44	72
Howitzer, 75mm	65	21	12	136	92	140
Howitzer, 105mm	8	98	75	232	180	150
Gun, 155mm	0	0	4	18	10	15
Rifle, cal.30, M1	26,970	31,049	29,110	31,000	31,000	28,000
Gun, 37mm antitank	251	264	540	417	385	289
Mortars, 60mm, 81mm	616	1,016	857	724	802	800
<u>AMMUNITION (Thousands)</u>						
Cartridge, cal.30	65,134	66,054	73,082	131,744	190,317	251,925
Cartridge, cal.50	6,391	6,688	5,691	18,600	35,290	48,420
Cartridge, 20mm A.C.	849	1,489	2,137	1,791	3,500	5,200
Shell, H.E., 37mm A.C.	0	197	219	112	50	50
Shot and shell, 37mm A.A.	156	183	16	0	350	675
Shot and shell, 37mm T & AT	2	2	247	220	250	650
Shell, H.E., s c, 75mm gun	0	0	235	187	200	46
Shot, A.P. & semi-A.P., 75mm gun	0	0	0	0	30	215
Shell, H.E., 75mm howitzer	13	13	9	0	127	75
Shell, H.E., 90mm A.A.	2	5	0	11	200	199
Shell, H.E., 105mm howitzer	0	0	19	120	180	299
Shell, H.E., 155mm gun	0	2	0	0	8	50
Charge, prop., 155mm gun	6	-	0	12	37	65
Shell, H.E., 60mm mortar	0	0	58	103	350	650
Shell, H.E., 81mm mortar	0	-	53	1	245	400
Bomb, demo., 100#, 300#, 500#	20	1	60	19	18	59

DISTRIBUTION OF SELECTED ITEMS - NOVEMBER 30, 1941

Source of Information: Ordnance Department, British Purchasing Commission,
O.P.M. and O.U.S.W.

The estimated distribution between the Army, Navy and Marine Corps and all foreign countries, is shown below for all shipments of eight critical items during the calendar years, 1940 and 1941 (through November 30). Figures for TNT and Smokeless Powder, however, represent production and do not include the relatively small output in the first six months of 1940. These shipments and production were made against Army, Navy, Defense Aid and British contracts.

DISTRIBUTION OF TOTAL UNITED STATES OUTPUT



EQUIPMENT PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement authorized*	Deliveries thru Nov 30	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,553	11,714	97	97	13	13
Machine gun, cal.50	221,314	33,580	94	94	16	15
Gun, 20mm automatic	47,663	243	100	100	.1	.5
Gun, 37mm automatic	2,907	158	100	100	5	5
<u>Combat Vehicles</u>						
Tank, light	5,885	2,506	100	100	42	43
Tank, medium	12,491*	977	100	85	8	7
Tank, heavy	100	0	100	50	0	0
Scout car	3,440	2,720	100	100	79	79
Personnel carrier, 8-man	5,792	2,968	100	100	56	51
Personnel carrier, 13-man	5,521	1,439	100	100	24	26
Submachine gun, cal.45	340,421	175,776	100	100	47	52
Gun, 37mm tank	15,733*	4,162	100	100	30	28
Gun, 75mm tank	9,764*	519	100	63	6	7
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,284	99	100	56	5	4
Gun, 40mm	4,236	0	100	53	0	0
Gun, 37mm	3,195	488	100	100	16	15
Machine gun, cal.50 (W.C.)	26,473	2,854	99	99	12	11
<u>Artillery</u>						
Howitzer, 75mm	1,318	254	100	76	22	19
Gun, 3" AT, self-propelled	1,580	0	100	0	0	0
Howitzer, 105mm	4,297	242	100	91	7	6
Gun, 4.5" AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	22	100	100	8	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	883	100	71	71	66
Gun, 75mm AT, self-prop.	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,266	100	91	82	80
Carriage, 155mm gun	853	243	100	100	33	28
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,331,569	344,245	93	100	25	26
Machine gun, cal.30 (Var.)	161,629a	53,178a	98a	98a	39a	33a
Machine gun, cal.50 (H.B.)	31,699a	2,169a	100a	100a	15a	7a
Gun, 37mm antitank	9,838	1,751	100	96	17	18
Mortar, 60mm	11,162	6,509	100	100	56	58
Mortar, 81mm	4,705	2,161	100	95	49	46

* Total Procurement authorized consists of authorizations from Fiscal Year 1940, 1941 and 1942 funds, Navy, Marine Corps, and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Figures include armament for combat vehicles.

EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 8, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Initial requirements 1,820,000 men	Stocks in Hands of Field Service			
		Total in existence	Percent of required	In U. S.	In pos- sessions
<u>Aircraft Armament</u>					
Machine gun, cal.30, fix.&fl.	33,946	13,959	41	11,427	2,532
Machine gun, cal.50, fix.&fl.	60,531	14,936	25	13,106	1,830
Gun, 20mm, automatic	1,413	1	.1	1	0
Gun, 37mm, automatic	2,021	94	5	23	71
<u>Combat Vehicles</u>					
Tank, light	2,389	1,051b	44	997	54
Tank, medium	1,046	396c	38	396	0
Scout car	2,083	2,392d	115	2,366	26
Personnel carrier, 8-man	3,413	2,828	83	2,715	113
Personnel carrier, 13-man	4,517	1,031	23	1,031	0
Machine gun, cal.30 (Var.)	30,674a	a	-	a	a
Machine gun, cal.50 (H.B.)	5,734a	a	-	a	a
Submachine gun, cal.45	26,705	28,311	106	27,706	605
Gun, 37mm, tank	3,427	1,177	34	1,163	14
Gun, 75mm, tank	1,020	152	15	150	0
<u>Antiaircraft</u>					
Gun, 3"		566		382	184
Gun, 90mm	1,177	72	54	72	0
Gun, 37mm	2,552	472	18	259	113
Machine gun, cal.50 (W.C.)	17,065	1,185	7	724	461
<u>Artillery</u>					
Gun, 75mm (H.S.)	836	938	112	908	30
Howitzer, 75mm, field & pack	189	204	108	177	27
Howitzer, 105mm	2,457	180	7	180	0
Gun, 155mm	95	17	18	17	0
Gun, 155mm (H.S.)	587	182	31	158	24
Howitzer, 155mm (H.S.)	739	1,219	165	1,184	35
<u>Unmodified & other models</u>					
Gun, 75mm	-	2,383	-	2,014	369
Gun, 155mm	-	783	-	608	175
Howitzer, 155mm	-	586	-	584	2
<u>Infantry Armament</u>					
Rifle, cal.30, M1, semiauto.	838,601	324,203	39	268,823	55,380
Machine gun, cal.30 (Var.)	49,737	50,342	101	45,275	5,067
Machine gun, cal.50 (H.B.)	14,737	2,201	15	2,026	175
Gun, 37mm, antitank	4,892	1,614	33	1,388	226
Mortar, 60mm	4,747	6,093	128	5,571	522
Mortar, 81mm	2,340	2,207	94	1,925	282

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 464, (c) 105, (d) 99.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 8, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Initial requirements 3,200,000 men	Stocks in Hands of Field Service			
		Total in Existence	Percent of required	In U. S.	In pos- sessions
<u>Aircraft Armament</u>					
Machine gun, cal.30, fix.&fl.	44,269	13,959	32	11,427	2,532
Machine gun, cal.50, fix.&fl.	132,534	14,936	11	13,106	1,830
Gun, 20mm, automatic	4,253	1	.02	1	0
Gun, 37mm, automatic	2,883	94	3	23	71
<u>Combat Vehicles</u>					
Tank, light	4,946	1,051b	21	997	54
Tank, medium	2,827	396c	14	396	0
Scout car	4,299	2,392d	56	2,366	26
Personnel carrier, 8-man	7,896	2,828	36	2,715	113
Personnel carrier, 13-man	8,647	1,031	12	1,031	0
Machine gun, cal.30 (Var.)	69,049a	a	-	a	a
Machine gun, cal.50 (H.B.)	13,398a	a	-	a	a
Submachine gun, cal.45	56,233	28,311	50	27,706	605
Gun, 37mm, tank	7,878	1,177	15	1,163	14
Gun, 75mm, tank	2,797	152	5	150	0
<u>Antiaircraft</u>					
Gun, 3"		566		382	184
Gun, 90mm	1,856	72	34	72	0
Gun, 37mm	3,055	472	15	359	113
Machine gun, cal.50 (W.C.)	22,966	1,185	5	724	461
<u>Artillery</u>					
Gun, 75mm (H.S.)	1,778	938	53	908	30
Howitzer, 75mm, field & pack	226	204	77	177	27
Howitzer, 105mm	3,733	180	5	180	0
Gun, 155mm	283	17	6	17	0
Gun, 155mm (H.S.)	969	182	19	158	24
Howitzer, 155mm (H.S.)	1,037	1,219	118	1,184	35
<u>Unmodified & other models</u>					
Gun, 75mm	-	2,383	-	2,014	369
Gun, 155mm	-	783	-	608	175
Howitzer, 155mm	-	586	-	584	2
<u>Infantry Armament</u>					
Rifle, cal.30, M1, semiauto.	1,539,512	324,203	21	268,823	55,380
Machine gun, cal.30 (Var.)	107,943	50,342	47	45,275	5,067
Machine gun, cal.50 (H.B.)	32,146	2,201	7	2,026	175
Gun, 37mm, antitank	9,523	1,614	17	1,388	226
Mortar, 60mm	7,927	6,093	77	5,571	522
Mortar, 81mm	4,566	2,207	48	1,925	282

a Included in Infantry Armament

Stocks exclude substandard models formerly included (b) 464, (c) 105, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Deliveries thru Nov 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Delivered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,047	401	99	83	19	20
Bomb, demo., 100#, 300#, 500#	1,698	196	77	98	11	12
Bomb, demo., 1000#	110	2	13	90	2	2
Bomb, chem., 30#, 100#	603	193	82	100	31	32
Cartridge, 20mm	113,686	5,209	62	100	4	5
Shell, H.E., 37mm	2,098	538	90	98	27	26
Flares	902	236	42	87	30	26
Signals	2,789	1,016	79	100	39	36
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	706	78	76	4	4
Shell, 40mm, H.E.	4,198	0	48	100	4	0
Shell, 3", H.E.	2,269	247	99	82	14	11
Shell, 90mm, H.E.	3,057	9	99	100	1	-
Shell, 105mm, H.E.	12	0	100	100	0	0
Shell, 4.7", H.E.	200	0	0	15	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	332	80	100	14	15
Shell, g & s, 75mm gun	1,108	15	100	55	4	1
Shot, A.P., 75mm gun	8,388	0	21	8	0	0
Shell, H.E., 75mm how.	4,927	273	87	99	5	6
Shell, H.E., 105mm how.	19,710	81	60	72	-	-
Shell, H.E., 155mm gun	1,360	2	80	92	-	-
Charge, prop., 155mm gun	2,248	232	48	86	11	10
Shell, H.E., 155mm how.	5,080	99	100	92	1	2
Shell, g & s, 155mm how.	1,442	-	85	31	0	-
Charge, prop., 155mm how.	7,497	843	77	100	12	11
Primer, 21 gr.	12,136	299	80	76	2	2
Fuzes (all)	14,315	3,254	88	93	22	23
<u>Infantry</u>						
Cartridge, cal.30	8,655,284	704,183	88	88	8	8
Links, met. belt, cal.30	1,025,225	146,273	97	97	14	14
Cartridge, cal.45	802,157	248,621	77	77	33	31
Cartridge, cal.50	2,609,884	78,052	81	81	3	3
Links, met. belt, cal.50	3,082,433	129,613	99	99	4	4
Shot & shell, 37mm	38,861	488	50	63	1	1
Shell, H.E., 60mm	11,310	97	79	100	-	1
Shell, H.E., 81mm	4,116	169	83	100	4	4
Shell, smoke, 81mm	456	0	94	100	0	0
Grenade, H.E., frag.	2,082	804	76	100	40	39
Signals, ground & light	6,804	1,135	51	71	17	17
Mine, antitank	3,146	0	83	94	0	0

* Unfilled.

∅ Unfuzed.

AMMUNITION - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 1, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Initial requirements 1,820,000 men (THOUSANDS)	Stocks in hands of Field Service				
		Total in existence (THOUSANDS)	Percent of required (THOUSANDS)	In depots (THOUSANDS)	With troops (THOUSANDS)	In pos- sessions (THOUSANDS)
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	1,711	360	21	360	0	0
Bomb, demo., 100#, 300#, 500#	2,530	90*	4	30	3	57
Bomb, demo., 1000#, 2000#	145	5*	3	.3	1	3.7
Bomb, chem., 30#, 100#	354	7*	2	2	1	4
Cartridge, 20mm	6,315	0	0	0	0	0
Shell, H.E., 37mm	2,083	299	14	299	0	0
<u>Antiaircraft</u>						
Shot & shell, 37mm, H.E.	19,648	541	3	356	0	185
Shell, 3", H.E.	1,690	796*	47	278	64	454
Shell, 90mm, H.E.	1,925	2	.1	2	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	149	7	149	0	0
Shell, g & s, 75mm gun	1,094	31	3	9	3	19
Shot, A.P., 75mm gun	8,869	0	0	0	0	0
Shell, H.E., 75mm how.	1,609	255	16	189	7	59
Shell, H.E., 105mm how.	18,702	39	.2	7.5	.5	31
Shell, H.E., 155mm gun	1,438	521*	36	326	3	192
Charge, prop., 155mm gun	2,339	403	17	240	4	159
Shell, H.E., 155mm how.	5,619	889*	16	820	8	61
Shell, g & s, 155mm how.	15	292*	100	291.5	.5	0
Charge, prop., 155mm how.	6,978	1,050	15	933	6	111
<u>Infantry</u>						
Cartridge, cal.30	6,488,353	425,341	7	135,805	73,270	216,266
Links, met. belt, cal.30	606,108	94,276	16	66,792	3,714	23,770
Cartridge, cal.45	324,300	102,139	31	86,191	7,332	8,616
Cartridge, cal.50	1,705,837	40,317	2	20,049	6,506	13,762
Links, met. belt, cal.50	1,979,429	79,646	4	64,790	1,991	12,865
Shot & shell, 37mm	31,718	197*	1	90	.4	106.6
Shell, H.E., 60mm	11,308	55	.5	2	13	40
Shell, H.E., 81mm	3,254	114*	4	37	7	70
Shell, smoke, 81mm	363	0	0	0	0	0
Grenade, H.E., frag.	2,306	832	36	631	3	198
Mine, antitank	3,146	0	0	0	0	0

* Includes substitutes.

AMMUNITION - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 1, 1941

Source of Information: Statistics Branch and G-4, General Staff

Item	Total requirements 3,200,000 men (THOUSANDS)	Stocks in hands of Field Service				
		Total in existence (THOUSANDS)	Percent of required (THOUSANDS)	In depots (THOUSANDS)	With troops (THOUSANDS)	In pos- sessions (THOUSANDS)
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,889	360	12	360	0	0
Bomb, demo., 100#, 300#, 500#	6,096	90*	1	30	3	57
Bomb, demo., 1000#, 2000#	344	5*	1	.3	1	3.7
Bomb, chem., 30#, 100#	605	7*	1	2	1	4
Cartridge, 20mm	11,894	0	0	0	0	0
Shell, H.E., 37mm	2,713	299	11	299	0	0
<u>Antiaircraft</u>						
Shot & shell, 37mm, H.E.	19,648	541	3	356	0	185
Shell, 3", H.E.	1,690	796*	47	278	64	454
Shell, 90mm, H.E.	2,370	2	.1	2	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,331	149	6	149	0	0
Shell, H.E., g & s, 75mm gun	1,094	31	3	9	3	19
Shot, A.P., 75mm gun	9,617	0	0	0	0	0
Shell, H.E., 75mm how.	1,747	255	15	189	7	59
Shell, H.E., 105mm how.	19,843	39	.2	7.5	.5	31
Shell, H.E., 155mm gun	1,438	521*	36	326	3	192
Charge, prop., 155mm gun	2,339	403	17	240	4	159
Shell, H.E., 155mm how.	5,798	889*	15	820	8	61
Shell, g & s, 155mm how.	15	292*	100	291.5	.5	0
Charge, prop., 155mm how.	7,201	1,050	15	933	6	111
<u>Infantry</u>						
Cartridge, cal.30	7,206,978	425,341	6	135,805	73,270	216,266
Links, met. belt, cal.30	666,735	94,276	14	66,792	3,714	23,770
Cartridge, cal.45	343,427	102,139	30	86,191	7,332	8,616
Cartridge, cal.50	2,115,337	40,317	2	20,049	6,506	13,762
Links, met. belt, cal.50	2,667,832	79,646	3	64,790	1,991	12,865
Shot & shell, 37mm	36,000	197*	.5	90	.4	106.6
Shell, H.E., 60mm	11,985	55	.5	2	13	40
Shell, H.E., 81mm	3,423	114*	3	37	7	70
Shell, smoke, 81mm	382	0	0	0	0	0
Grenade, H.E., frag.	2,425	832	34	631	3	198
Mine, antitank	5,006	0	0	0	0	0

* Includes substitutes.

NEW FACILITIES - PROGRESS AS OF NOVEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered								
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp														
Flint	-							95	████████████████████					
Dayton	-							89	██████████████████					
Saginaw	-							98	████████████████████					
Syracuse	-							99	████████████████████					
Savage Arms Company	-							66	██████████████					
Colt (Machine Gun)	-							80	██████████████████					
Mesta Machine Co.	-							98	████████████████████					
Chain Belt Co.	-							-						
Wheland Co.	-							-						
Worthington Pump & Mach.	-							-						
Allis Chalmers	-							-						
Otis Elevator Co.	-							-						
R. Hoe Co.	-							-						
Munitions Mfg. Co.	-							-						

Facility	Location	Planned Capacity Monthly	Estimated Cost October 31, 1941		Estimated Month	
			Total	Actually	Initial	Full
			(THOUS.)	Obligated (PERCENT)	Operation	Operation
<u>Machine Gun</u>						
General Motors	Flint, Mich. } Dayton, Ohio } Saginaw, Mich. } Syracuse, N. Y. }	3,541 } 2,917 }	\$21,251	83	3-41♠	12-41
					6-41♠	4-42
					3-41♠	4-42
					8-41♠	1-42
Savage Arms	Utica, N. Y.	3,200	17,717	45	7-41♠	12-41
Colt	Hartford, Conn.	700	4,818	100	6-41♠	4-42
<u>155mm Gun</u>						
Mesta	W. Homestead, Pa.	60	1,780	95	10-41♠	1-42
<u>4.7" Gun A.A.</u>						
Chain Belt	Milwaukee, Wisc.	50	2,792	-	-	-
<u>90mm Gun A.A.</u>						
Wheland	Chattanooga, Tenn.	70	1,750	-	-	-
<u>90mm Mounts</u>						
Worthington	Holyoke, Mass.	75	2,522	-	-	-
Allis Chalmers	LaPorte, Ind.	80	1,844	-	-	-
<u>90mm Recoil Mech.</u>						
Otis	Yonkers, N. Y.	125	906	-	-	-
R. Hoe	New York, N. Y.	115	580	-	-	-
<u>3" Gun</u>						
Munitions	Poughkeepsie, N. Y.	200	2,500	-	-	-

♠ Operations actually started.

TEXT SUMMARY - ARMY AIR CORPS

Source of Information: Army Air Corps; Ordnance Department; and OUSW

INVENTORY - During F.Y. 1941, the first fiscal year of the National Defense effort, the Army Air Corps total inventory of project airplanes rose from 2,755 to 6,690 units. This was an increase of 143 percent. In this period, the tactical portion of the total inventory was up 987 units or 62 percent.

Through November of F.Y. 1942, the total inventory has risen from 6,690 to 10,779 units. This was an increase of 61 percent in five months. In this period, the rise in the tactical portion has been more in line with the general increase. The tactical inventory was up 1,345 units or 52 percent.

Distribution of the Army Air Corps inventory by type was as follows:

Bomber	1,264
Pursuit	1,780
Service combat	889
Trainer	6,846

PROCUREMENT - As of the end of November, all but 953 units of the financed program of the Army Air Corps were under contract. There were 34,011 units on order, undelivered. This represented 21,146 tactical and 12,865 trainer units. No additional units are provided for in the Third Supplemental Appropriation Bill, now before Congress.

During the first quarter of December, 254 airplanes were delivered to the Army. Distribution of this total was:

Bomber	27
Pursuit	82
Observation	3
Trainer	142

In the same period, Defense Aid received 37 units, Navy received 70 units, and Britain received 80 units.

ARMAMENT - Cumulative Army requirements for 37 mm. cannon were 660 guns as of November 30. Production, as of December 1, was 225 units of which 158 had been proof-fired. Cannon shortage for pursuits was about eight times greater than propeller shortage.

LABOR - Controversies affecting Air Corps procurement consisted of three strikes and eleven threats as of the close of business Wednesday. In spite of the beginning of war, little change was reflected in the labor tally from the preceding week.

TABULAR SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - NOVEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 11/30/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	133	contracted	600
Medium bomber	4,616	-	4,616	4,616	100	380		-
Light bomber	1,882	150	2,032	1,882	93	231		150
Pursuit fighter	709	1,150	1,859	1,859	100	152		-
Pursuit interceptor	4,394	4,700	9,094	8,994	99	1,663		100
Observation	533	80	613	613	100	410		-
Transport	1,118	243	1,361	1,361	100	113		-
Amphibian	74	5	79	76	96	2		3
Reconnaissance	17	-	17	17	100	14	-	
Total Tactical	15,589	9,508	25,097	24,244	97	3,098		853
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,214	Not	-
Basic trainer	5,051	1,100	6,151	6,151	100	2,149		-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	982		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	220		100
Total Trainer	16,470	3,060	19,530	19,430	99	6,565		100
Grand Total	32,059	12,568	44,627	43,674	98	9,663		953
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,585	1,520	2,400
Medium bomber	9,232	-	9,232	9,228	99	1,388	4	-
Light bomber	3,576	150	3,726	2,576	69	1,292	1,000	150
Pursuit fighter	1,418	2,300	3,718	3,392	91	884	26	300
Pursuit interceptor	4,394	4,700	9,094	8,394	92	2,067	-	700
Observation	533	80	613	613	100	613	-	-
Transport	2,358	486	2,844	2,156	76	602	442	246
Amphibian	148	6	154	151	97	64	-	3
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	20,442	51,119	44,328	87	9,529	2,992	3,799
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,445	-	-
Basic trainer	5,051	1,100	6,151	4,566	74	2,162	485	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	2,034	-	1,400
Total Trainer	19,102	4,210	23,312	19,967	86	10,006(c)	485	2,860
Grand Total	49,779	24,652	74,431	64,295	86	19,535(c)	3,477	6,659

(a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.

(b) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.

(c) Includes 68 unassigned trainer engines.

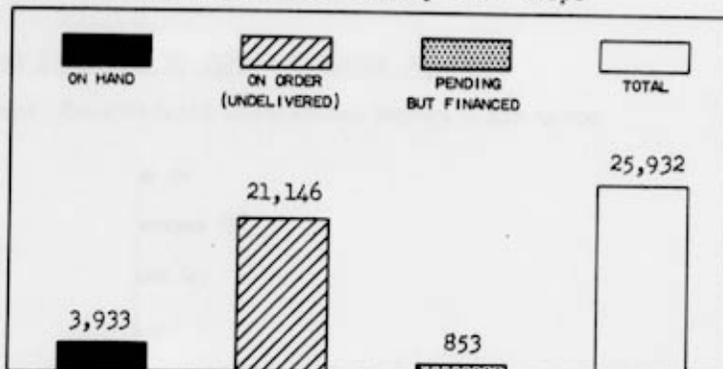
ARMY PROJECT AIRPLANE INVENTORY & STATUS OF PROCUREMENT - NOVEMBER 30, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps

Tactical programs

Percentages

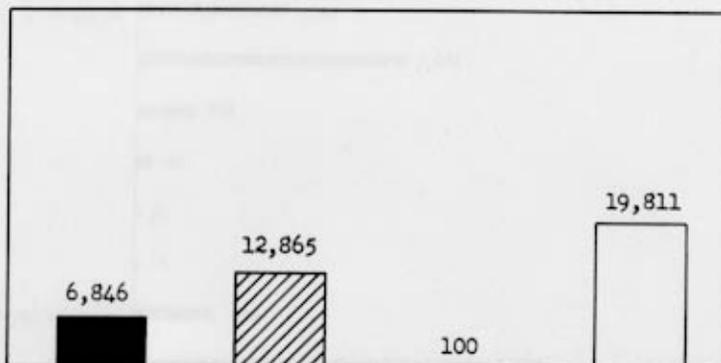
On hand	15%
On order	82%
Pending	3%
Total	100%



Trainer programs

Percentages

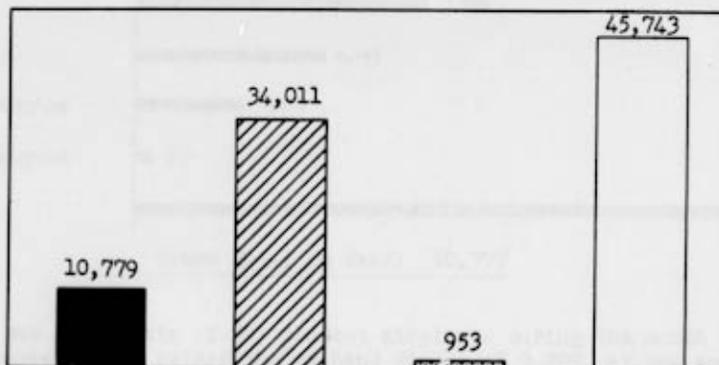
On hand	34%
On order	65%
Pending	1%
Total	100%



Total programs

Percentages

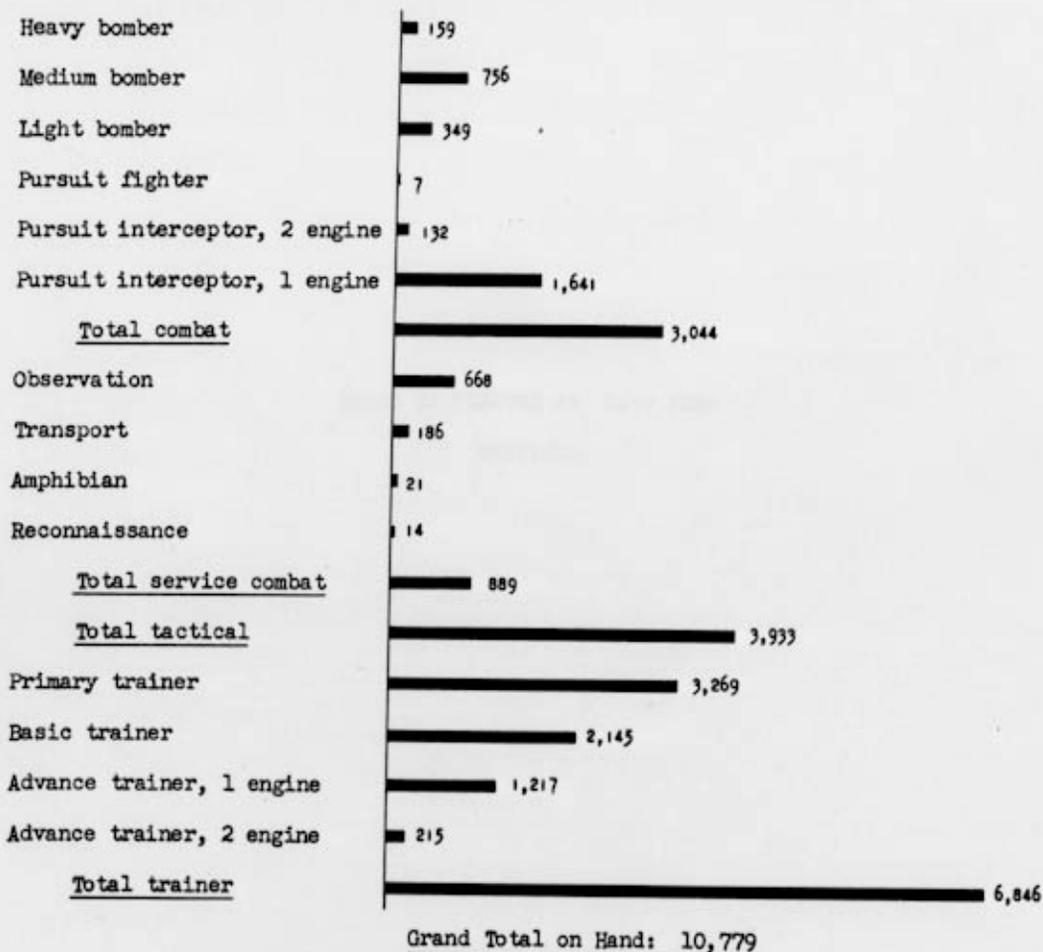
On hand	24%
On order	74%
Pending	2%
Total	100%



Note: On hand figures include both stocks and deliveries against current contracts.
 Figures subject to change by loss, transfer, and program amendments.

ARMY PROJECT AIRPLANE INVENTORY BY TYPE - NOVEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



There was a net gain of 891 project airplanes during the month of November which raised the on hand figure of 9,888, at the end of October, to 10,779. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes.

PAGES 24 THROUGH 28 HAVE BEEN
OMITTED.

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - NOVEMBER 15, 1941

Source of Information: Facilities Section, Materiel Division - Air Corps

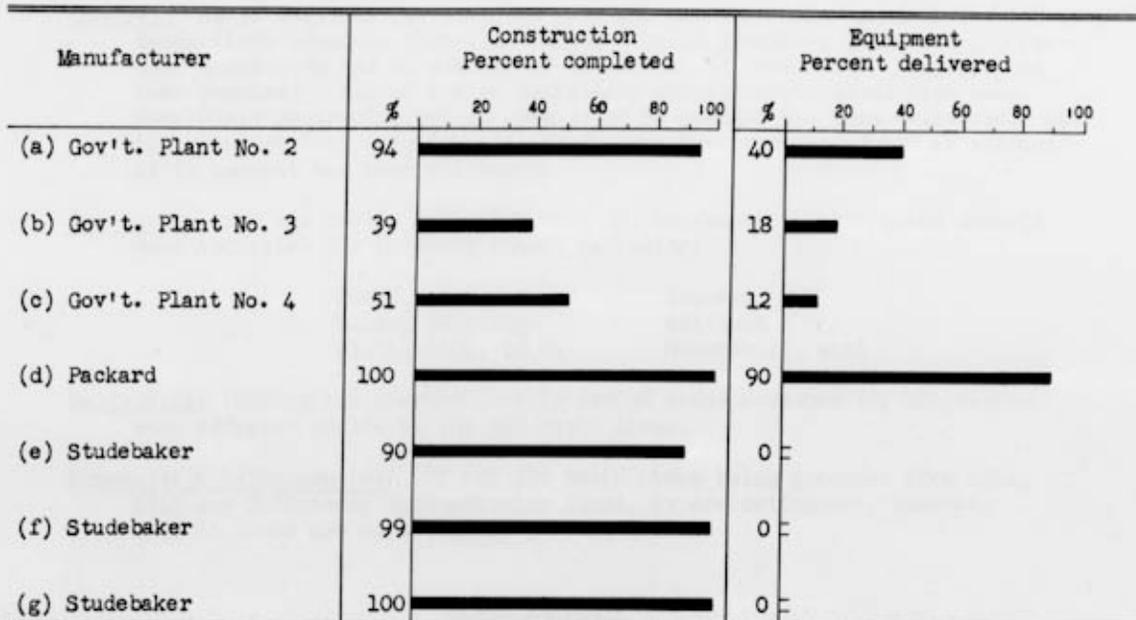
Manufacturer	Construction Percent completed					Equipment Percent delivered						
	%	20	40	60	80	100	%	20	40	60	80	100
(a) Buick	94						10					
(b) Chevrolet	4						0					
(c) Curtiss-Wright	86						49					
(d) Ford	100						98					
(e) Ford	43						15					
(f) Ford	38						33					
(g) Gov't. Plant No. 1	89						35					

Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.ft.	Workers		Plant	Equip
(a) Melrose, Ill	Engines	2,444	21	\$41,342	11-41	1-42
(b) Buff.-Tonawanda, N.Y.	Engines	1,681	14	37,162	4-42	6-42
(c) St. Louis, Mo.	Airplanes	1,163	11	15,145	2-42	6-42
(d) Dearborn, Mich.	Engines	1,034	9	23,923	9-41*	1-42
(e) Dearborn, Mich.	Engines	402	17	13,911	1-42	7-42
(f) Ypsilanti, Mich.	Airplanes	3,882	45	47,620	2-42	1-42
(g) Omaha, Nebr.	Airplanes	1,400	8	15,700	5-42	8-42

* Actual completion date

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - NOVEMBER 15, 1941

Source of Information: Facilities Section, Materiel Division - Air Corps



Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.ft.	Workers		Plant	Equip
(a) Kansas City, Kan.	Airplanes	1,000	12	\$11,250	1-42	1-42
(b) Tulsa, Okla.	Airplanes	1,500	15	25,674	4-42	6-42
(c) Ft. Worth, Texas	Airplanes	1,500	15	22,653	12-41	4-42
(d) Detroit, Mich.	Engines	1,000	16	29,850	7-41*	2-42
(e) Chicago, Ill.	Engines	575	5	20,556	10-41	2-42
(f) Ft. Wayne, Ind.	Engines	225	1	9,023	10-41	2-42
(g) South Bend, Ind.	Engines	897	4	20,207	10-41*	2-42

* Actual completion date

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - December 11, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of November 23, complete delivery has been made on 86 of the 132 basic items procured from 1941 funds. The 46 remaining items are 100 percent contracted and an average of 89 percent of their total programs has been procured. All of the 36 Deficiency Appropriation items have been completely contracted and an average of 86 percent has been delivered. Of the combined 1942 programs, 71 percent has been contracted and an average of 14 percent has been delivered.

Contracts: For the period ended November 23, increases in contracted amounts were indicated for 14 basic items, including:

Boots, rubber, knee	Drawers, wool
Cloth, shirting	Raincoat
Cloth, wool, 18 oz.	Undershirt, wool

Deliveries: During the quarter-monthly period ended November 23, deliveries were effected on 166 of the 329 basic items.

Schedules & Delinquencies: Of the 329 basic items being procured from 1941, 1942 and Deficiency Appropriation funds, 89 are delinquent; however, only 25 items are more than 10 percent delinquent.

MOTOR VEHICLES

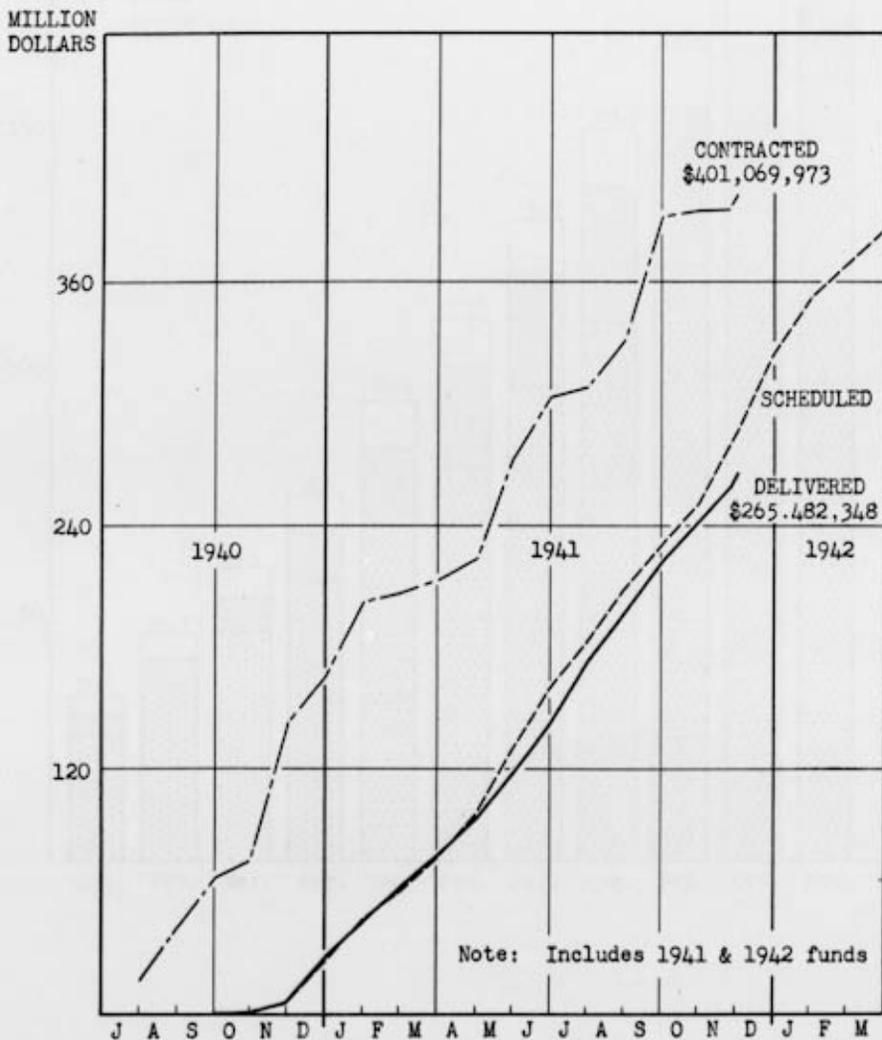
Contracts: As of November 29, 1941, contracts have been awarded for 287,217 vehicles, obligating 401 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,674 vehicles has been contracted and 80 percent delivered. Of the 1942 program, 98 percent of the program of 45,457 vehicles has been contracted, and 3 percent delivered.

Deliveries: During the quarter-monthly period ended November 29, 1941, deliveries were reported on 4,756 vehicles at a cost of \$6,597,196, under 1941 and 1942 funds. Deliveries were reported on 4,293 vehicles at a cost of \$6,010,591 under 1941 funds. This brings the cumulative deliveries under 1941 funds to 195,042 vehicles at a cost of 262 million dollars and the cumulative delivery figure under 1942 funds to 1,491 vehicles at a cost of \$2,621,770.

Schedules & Delinquencies: Based on estimated delivery schedules, 10,930 vehicles distributed among 18 manufacturers were behind schedule; 4,182 vehicles, however, were delivered ahead of schedule.

QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - Nov. 29, 1941

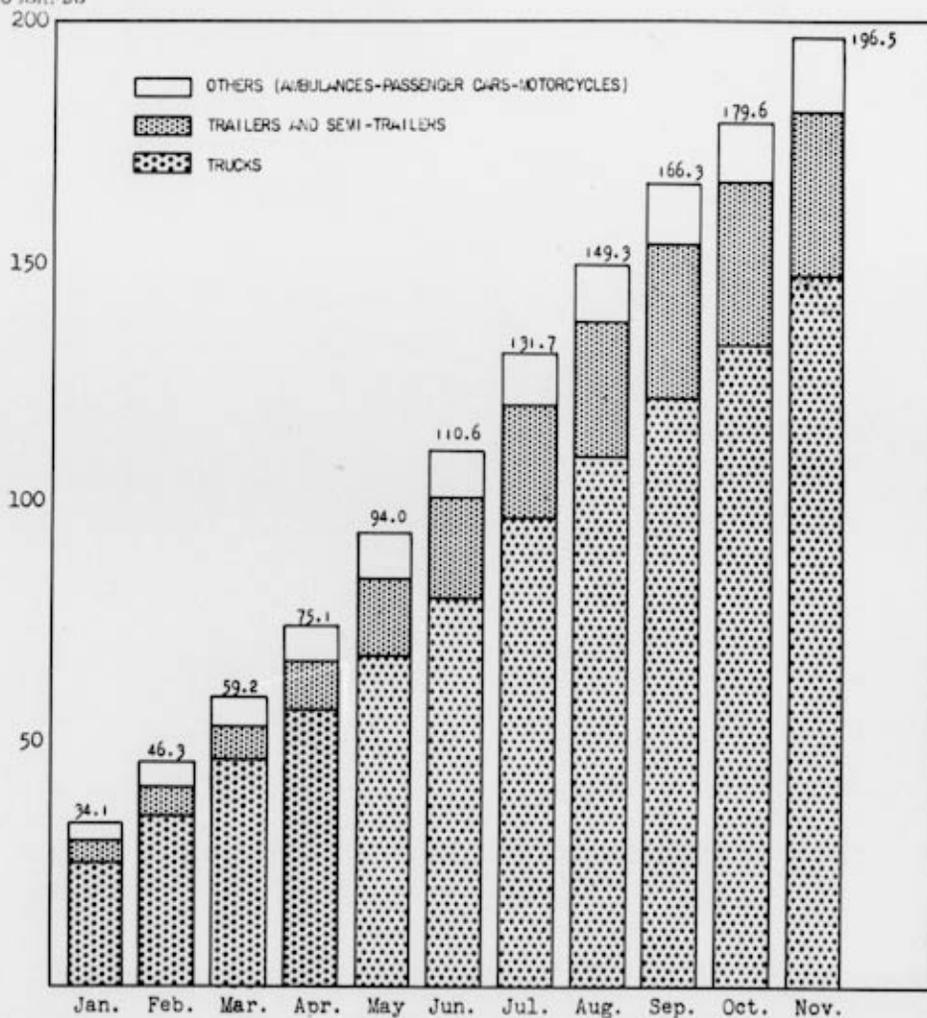
Source of Information: Office of the Quartermaster General - Statistics Branch, OUSW



CUMULATIVE DELIVERIES OF MOTOR VEHICLES - F. Y. 1941 and 1942

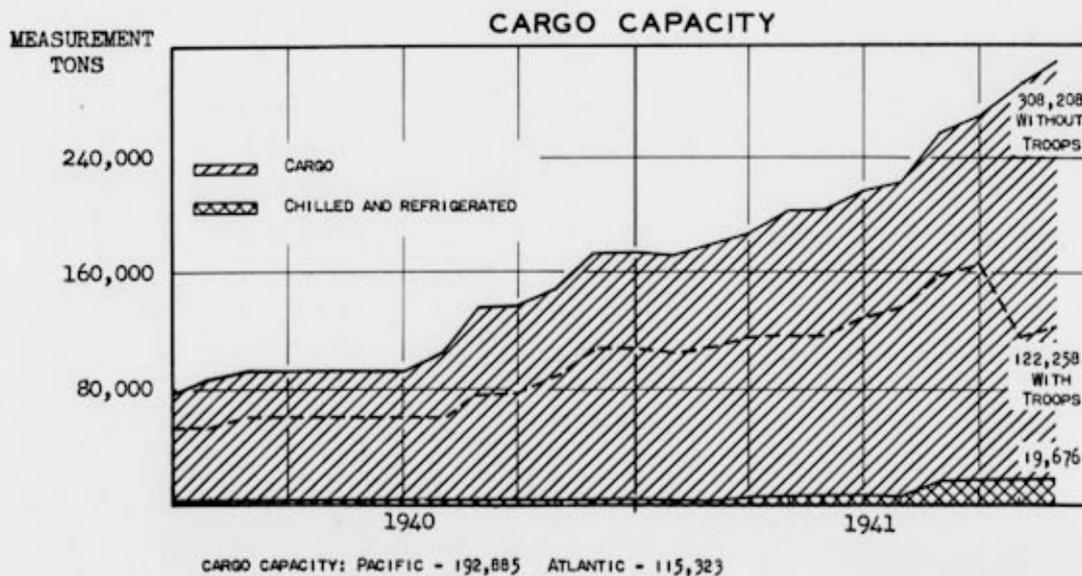
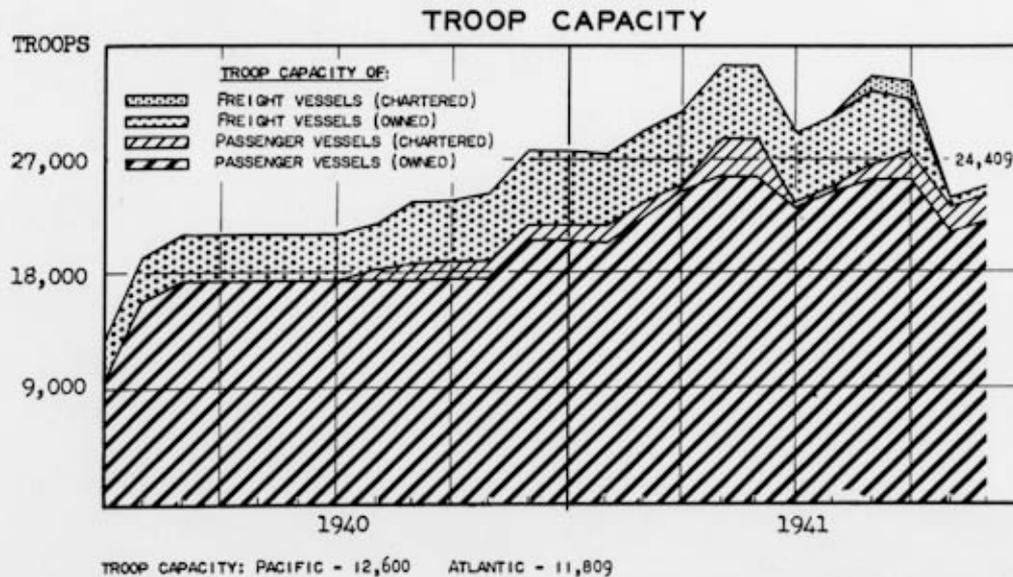
Source: Statistics Branch, Office of the Quartermaster General

THOUSANDS



CAPACITIES OF Q. M. C. OCEANGOING VESSELS - November 30, 1941

Source: Statistics Branch, Office of the Quartermaster General

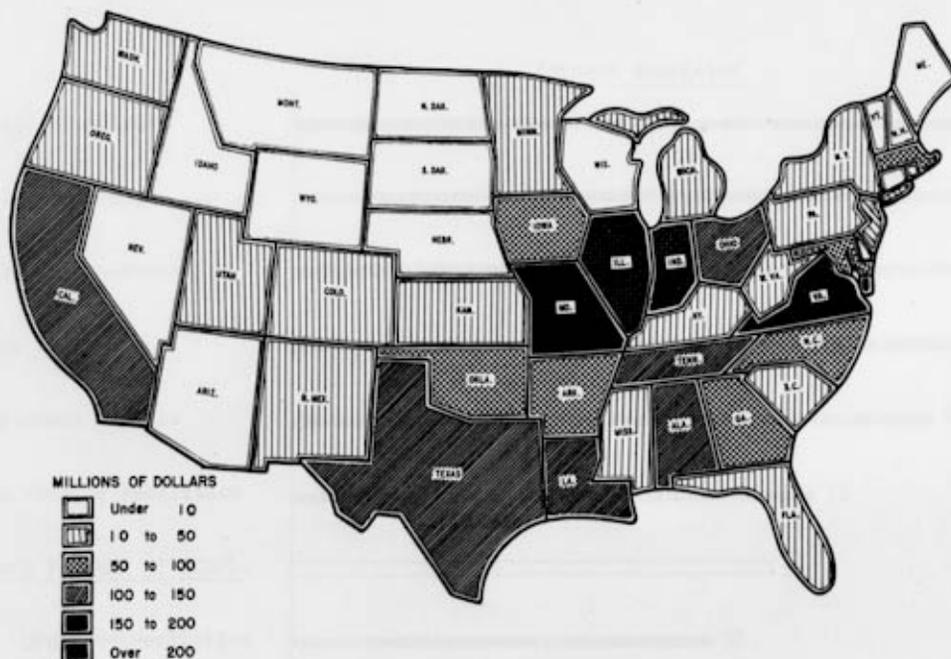


Quartermaster Corps

Statistics Branch
OUSW - 12-13-41

Q. M. C. CONSTRUCTION - ESTIMATED COSTS BY STATES - November 15, 1941

Source: Statistics Branch, Office of the Quartermaster General

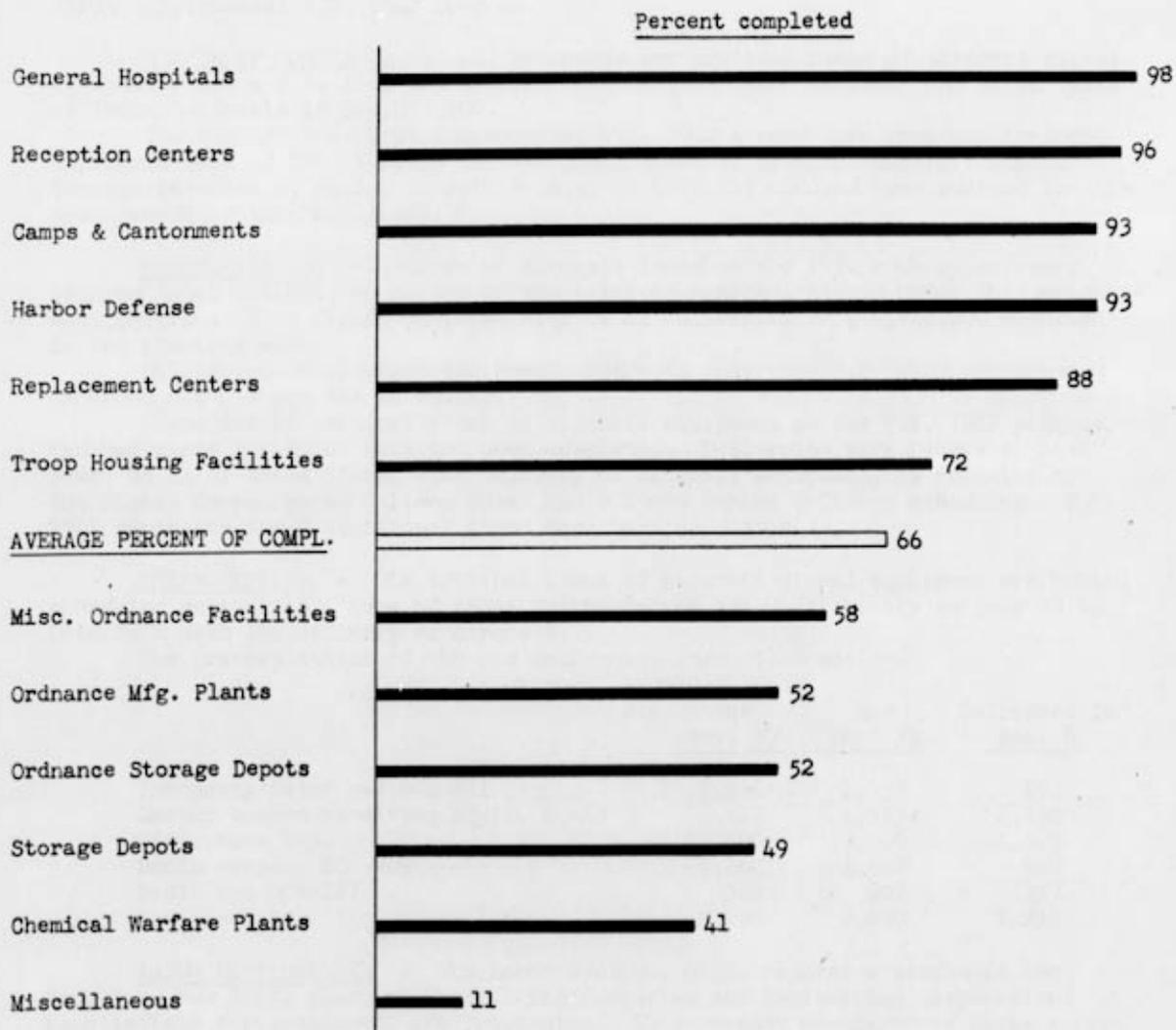


COST PER STATE IN MILLIONS OF DOLLARS

Ala.	135.0	Iowa	56.8	Nebr.	.3	R.I.	2.0
Ark.	5.7	Kan.	28.2	Nev.	.5	S.C.	37.5
Cal.	63.0	Ky.	32.3	N.H.	1.5	S. Dak.	.4
Cal.	115.0	La.	103.1	N.J.	40.9	Tenn.	119.7
Colo.	25.5	Me.	1.6	N. Mex.	10.3	Texas	148.6
Conn.	0.0	Md.	71.8	N.Y.	48.7	Utah	37.7
Del.	1.2	Mass.	66.3	N.C.	70.2	Vt.	1.9
Fla.	35.7	Mich.	19.6	N. Dak.	0.0	Va.	153.9
Ga.	78.2	Minn.	19.2	Ohio	116.8	Wash.	31.1
Idaho	0.0	Miss.	34.3	Okla.	60.0	W. Va.	18.5
Ill.	157.1	Mo.	231.8	Oreg.	14.3	Wis.	0.0
Ind.	162.1	Mont.	0.0	Pa.	47.8	Wyo.	7.8

Q. M. C. CONSTRUCTION - PERCENTAGE OF COMPLETION* - November 15, 1941

Source: Statistics Branch, Office of the Quartermaster General



*Based on estimated cost

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - DECEMBER 6, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division
Office of the Under Secretary of War, Labor Section

PROGRAM - Program figures in this report include quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 expenditure programs to include the First Supplemental F.Y. 1942 program.

STATUS OF CONTRACTS - All contracts for critical items of aircraft signal equipment on the F.Y. 1941 procurement program have been awarded. The total value of these contracts is \$89,959,000.

The Regular and First Supplemental F.Y. 1942 expenditure programs include appropriations of \$320,329,000 for the procurement of critical aircraft items. Through December 6, contracts with a value of \$177,115,000 had been awarded for the procurement of this equipment.

DELIVERIES - Deliveries of aircraft items on the F.Y. 1941 expenditure program total \$18,071,000 or 20% of the total of contract awards under this procurement program. This figure compares with total deliveries of \$16,744,000 reported in the previous week.

Deliveries on aircraft equipment contracts under the F.Y. 1942 procurement programs are not yet due in volume.

There are 14 critical items of aircraft equipment on the F.Y. 1941 program, the contracts for which have not been completed. Deliveries were received, last week, on 11 of these items. The delivery of aircraft equipment, as reported by the Signal Corps, shows 8 items ahead and 6 items behind delivery schedules. F.Y. 1941 contracts for 7 additional items have been completed.

DELINQUENCIES - Six critical items of aircraft signal equipment are behind scheduled deliveries. None of these delinquencies are sufficiently serious as to interfere with the delivery of aircraft.

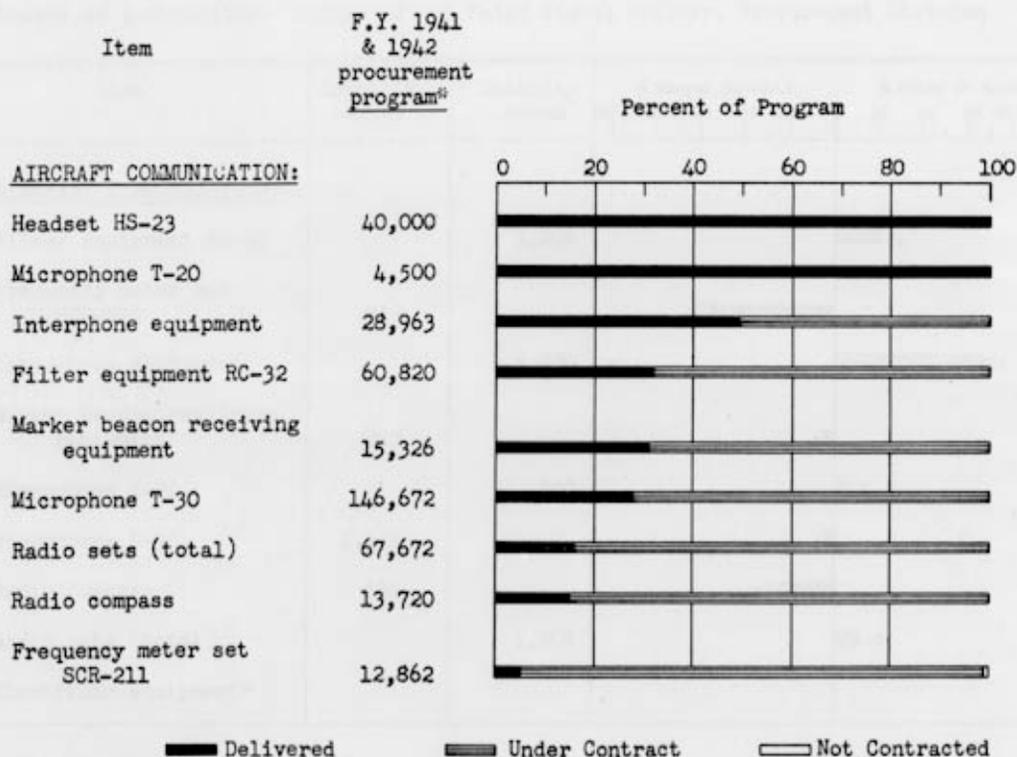
The present status of the six delinquent items follows:

	<u>Due</u> <u>Nov. 30</u>	<u>Due</u> <u>Dec. 31</u>	<u>Delivered To</u> <u>Dec. 6</u>
Frequency meter set SCR-211	1,544	1,757	695
Marker beacon receiving equip. RC-43	4,413	4,513	4,196
Microphone T-30	42,500	53,000	41,029
Radio compass SCR-269	1,662	1,962	910
Radio set SCR-187	369	409	353
Radio set SCR-274	2,150	2,850	1,852

LABOR DIFFICULTIES - The Labor Section, OUSW, reports a strike at the Brooklyn, New York, plant of Federal Manufacturing and Engineering Corporation. Negotiations for settlement are proceeding. This company manufactures radio equipment for the Signal Corps.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - DECEMBER 6, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division



* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - DECEMBER 6, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division

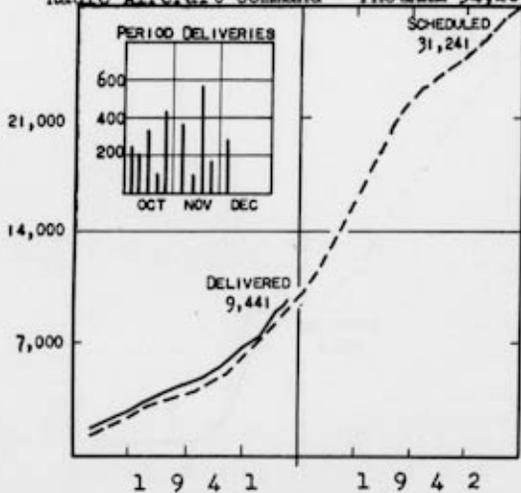
Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>AIRCRAFT COMMUNICATION:</u>												
Filter equipment RC-32		3,406						21				
Frequency meter set SCR-211	849		55									
Interphone equipment		5,770						68				
Marker beacon receiving equipment	217							4				
Microphone T-20		300						7				
Microphone T-30	1,471							3				
Radio Compass	694		25									
Radio sets (total)		1,208						12				
Electronic equipment*												

* Schedules not yet available.

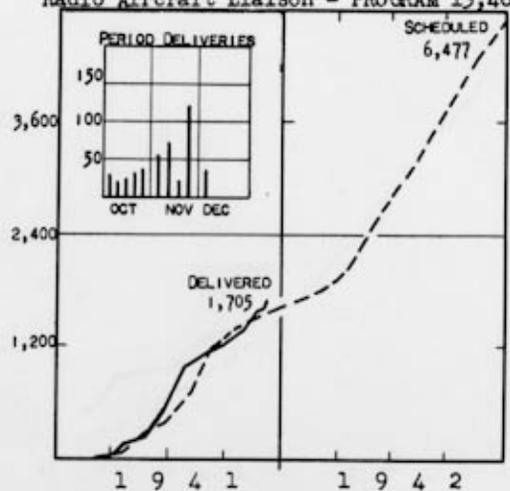
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
DECEMBER 6, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer
 Materiel Division, Office of the Chief of Air Corps

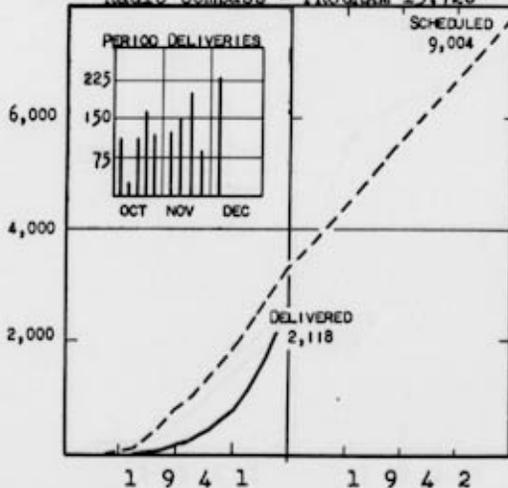
Radio Aircraft Command - PROGRAM 54,209



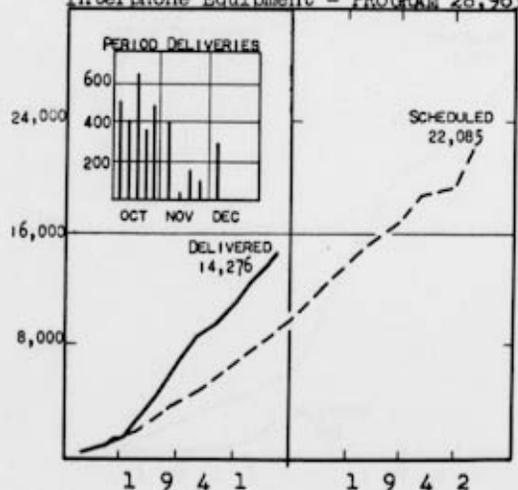
Radio Aircraft Liaison - PROGRAM 13,463



Radio Compass - PROGRAM 13,720



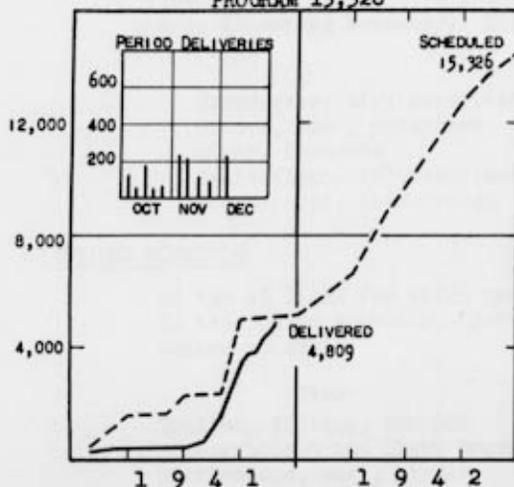
Interphone Equipment - PROGRAM 28,963



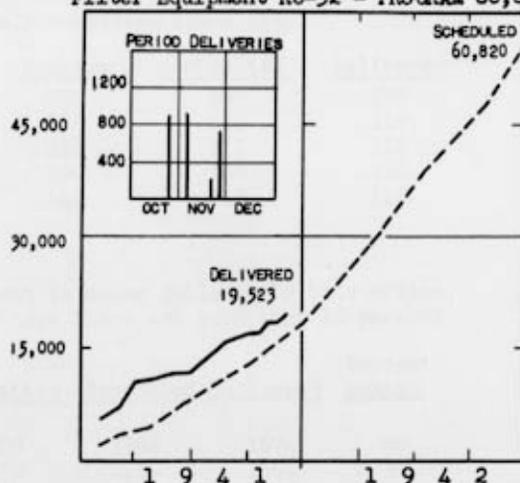
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
DECEMBER 6, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer
 Materiel Division, Office of the Chief of Air Corps

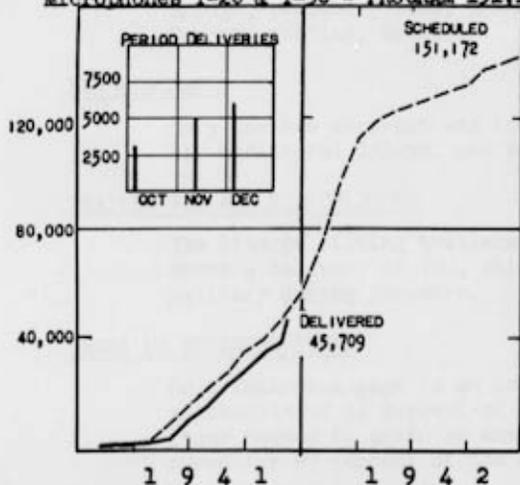
Marker Beacon Receiving Equipment
 PROGRAM 15,326



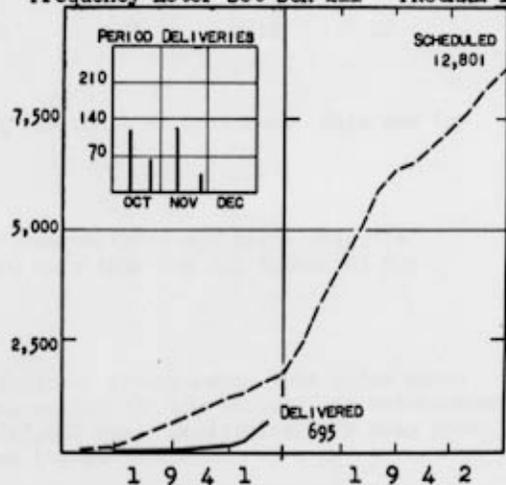
Filter Equipment RC-32 - PROGRAM 60,820



Microphones T-20 & T-30 - PROGRAM 151,172



Frequency Meter Set SCR-211 - PROGRAM 12,862



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOVEMBER 30, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

AHEAD OF SCHEDULE

No Engineer items were ahead of schedule on November 30.

PROGRAM COMPLETED

The number of completed items of Engineer equipment was increased from 6 to 11 during November. The 5 newly completed items are:

	<u>Program</u>	<u>Contracted</u>	<u>Delivered</u>
Compressor, air, motorized	890	890	890
Grader, road, motorized	119	119	119
Mixer, concrete	117	117	117
Searchlight, 18" beach defense	160	160	160
Stereoscope, lens-prism	142	142	142

BEHIND SCHEDULE

Of the 45 items for which procurement is being followed by this office, 12 are behind schedule. Seven of these items are more than 10 percent behind schedule:

<u>Item</u>	<u>Contracted</u>	<u>Scheduled</u>	<u>Delivered</u>	<u>Percent behind</u>
Trailer, tilting, for 60" searchlight and light tractor	4000	3330	1674	50
Stereoscope, mag., mirror	3679	2150	1364	37
Footbridge, M-1938	164	162	122	25
Ponton bridge, 25-ton	76	60	47	22
Crane, truck-mounted	77	57	47	17
Bridge, portable, steel trestle	8	8	7	12
Camera, copying, mtzd.	24	16	14	12

NEW CONTRACTS

Only one new contract was let during the month of November. This was for 110 additional 1/2-yd. gas shovels.

TRAILER FOR 60" SEARCHLIGHTS

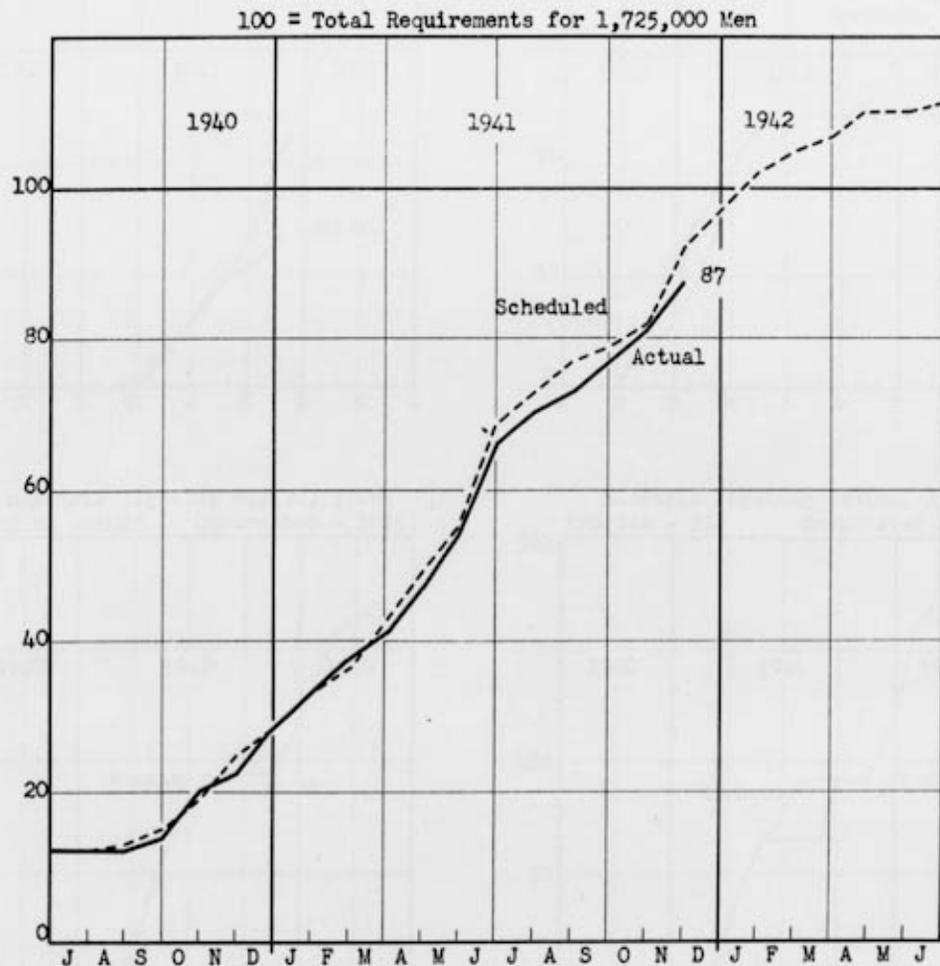
The item of tilting trailers for 60" searchlights and light tractors shows a delivery of 700, which is 120 more than the 580 scheduled for delivery during November.

INDEX OF ENGINEER ITEMS

On a following page is an index of Engineer procurement. This index shows a schedule of 92 percent of the requirements for the initial and maintenance items needed to equip an army of 1,725,000 men. Deliveries have been procured for 87 percent of the scheduled items.

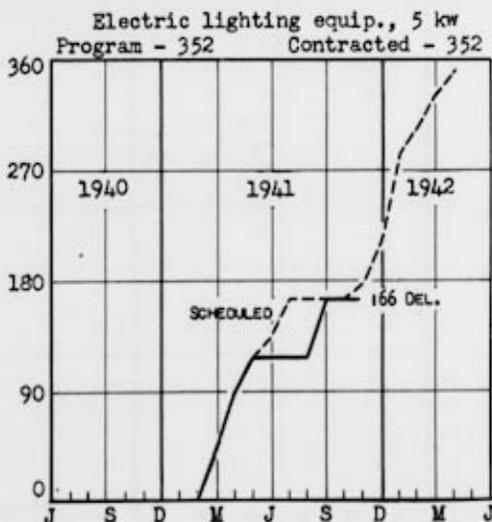
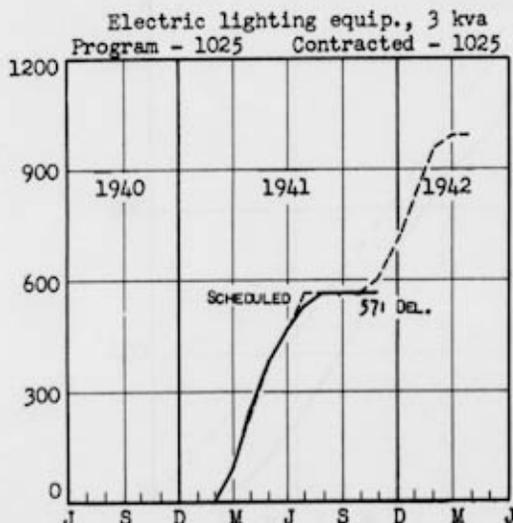
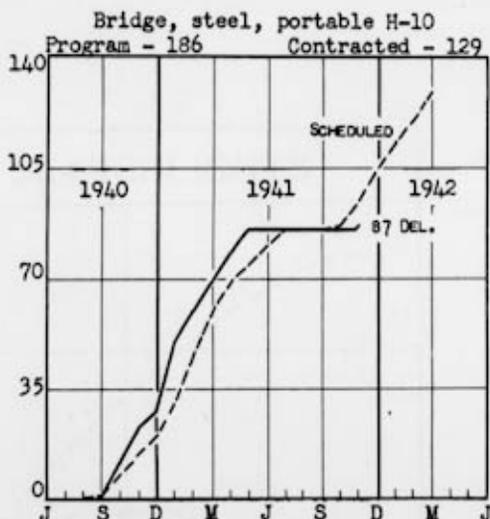
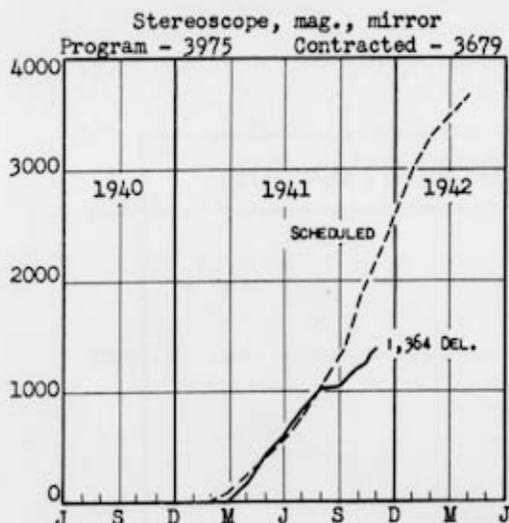
CORPS OF ENGINEERS - INDEX OF ENGINEER PROCUREMENT - NOVEMBER 30, 1941

Source of information: Supply Section, Office of the Chief of Engineers



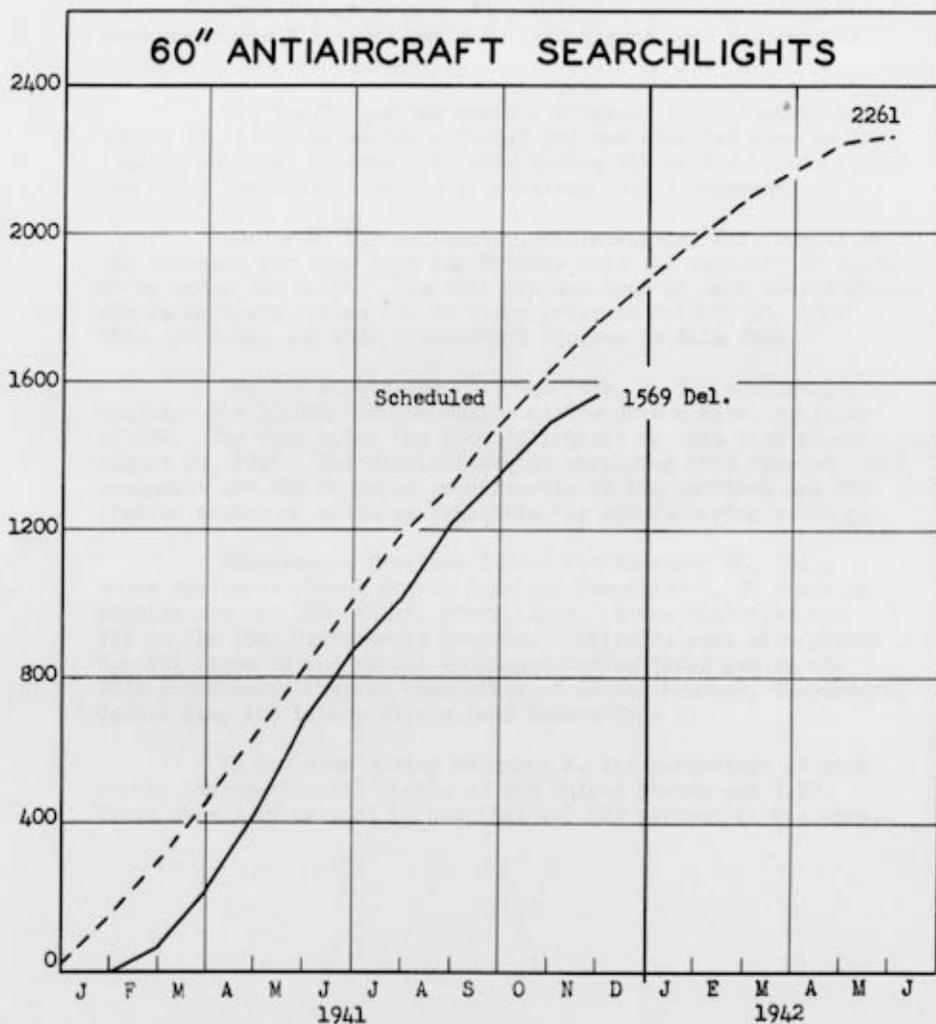
CORPS OF ENGINEERS - STATUS OF FOUR SELECTED ITEMS - NOVEMBER 30, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOVEMBER 30, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED DECEMBER 13, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

This report covers all quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 Expenditure Programs to date.

The fourth quarter monthly progress report ending November 30, 1941, shows two critical and one selected item on the 1941 Procurement Program completed during the period. This brings the total completed items to 17 critical and 31 selected.

Harvey R. Pierce Company, Philadelphia, Pa., completed its contract for Army Type Leg Splints with the delivery of 2,150 on an order for 4,000. The delivery was some 45 days behind schedule as contract called for delivery prior to October 15, 1941. This completes the 1941 Procurement Program on this item.

The Wm. W. Stanley Co., New York, N. Y., completed its contract for 10,000 Webbing Splint Straps with a final delivery of 856. The contractor has been delinquent on this item since August 22, 1941. The difficulties in supplying this type of equipment are the enormous requirements of the services and the limited number of machines available for manufacturing webbing.

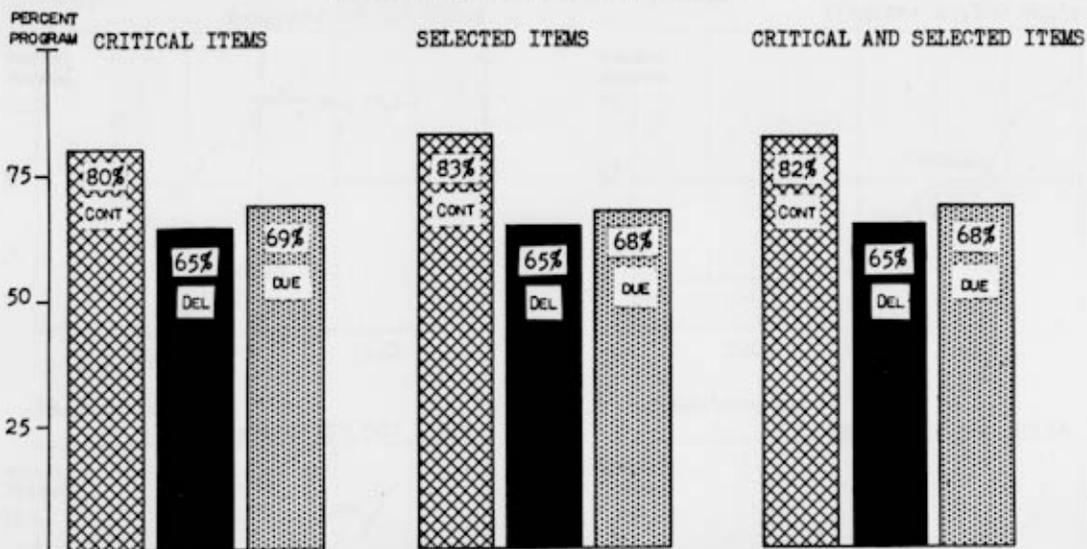
Procurement Progress Report for November 30, 1941, shows contracts placed for 49 Hospital Sterilizers, 37 Dressing Sterilizers and 924 Utensil Sterilizers. These contracts are all on the 1942 Procurement Program. Contracts were also placed for all items of individual equipment for enlisted men on the 1942 Procurement Program consisting of Canvas Pouches, Suspenders, Cante Ring and Litter Straps, and Insert Type I.

In the week ending December 4, the percentage of sick within the continental limits of the United States was 3.27. There were 3.05 percent in hospital and .22 percent in quarters.

MEDICAL DEPARTMENT - POSITION OF F. Y. 1941 AND 1942 PROGRAMS - NOVEMBER 30, 1941

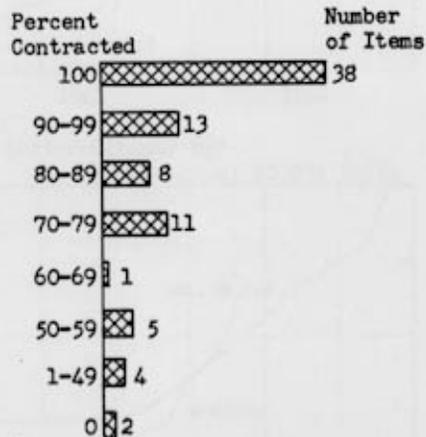
Source of Information: Medical Department Procurement Progress Reports

STATUS OF PROCUREMENT
(Based on Dollar Value of Program)

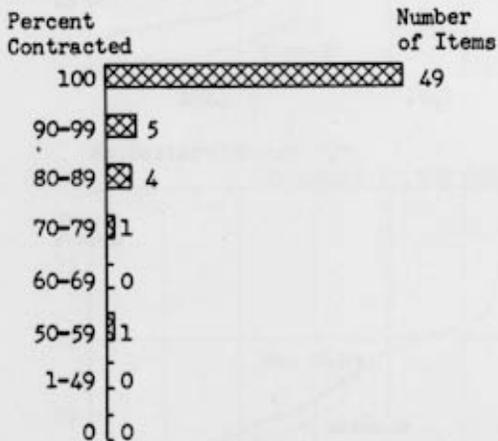


CONTRACT STATUS

EIGHTY-TWO SELECTED ITEMS



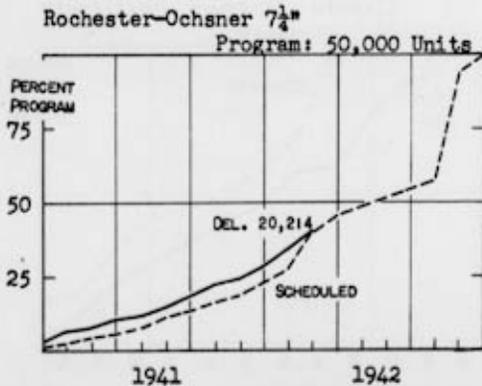
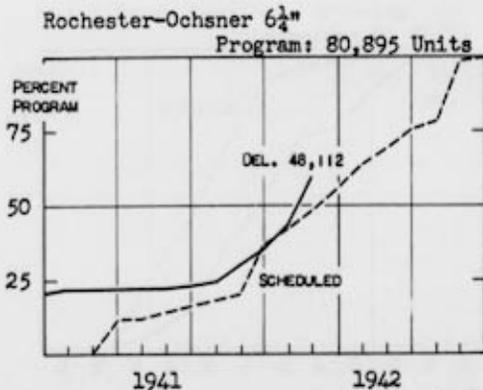
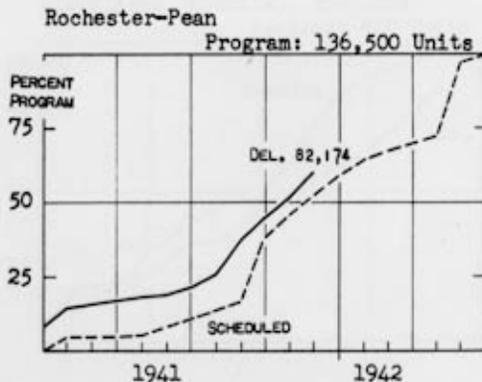
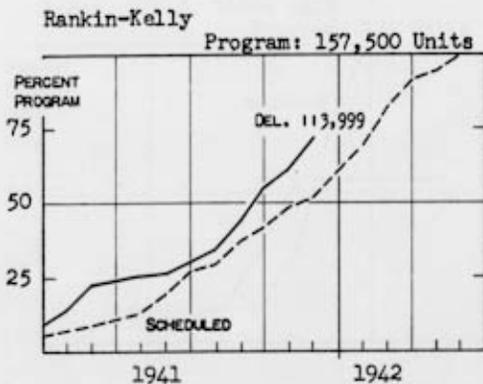
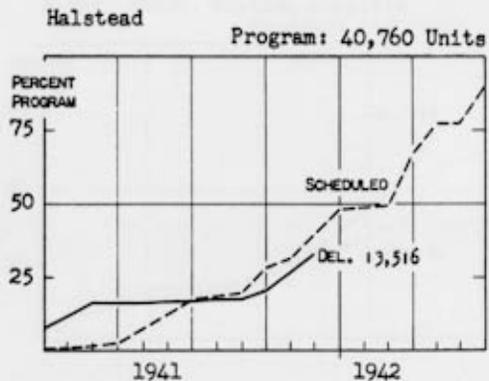
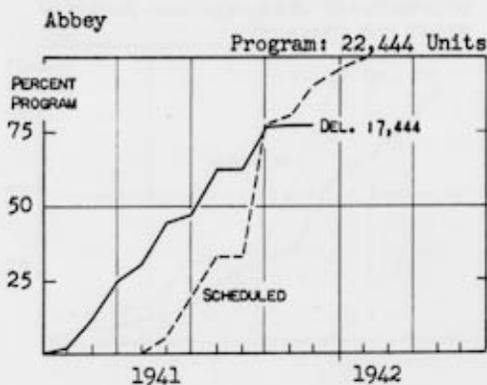
SIXTY CRITICAL ITEMS



MEDICAL DEPARTMENT - DELIVERY STATUS - HEMOSTATIC FORCEPS - NOVEMBER 30, 1941

Source of Information: Medical Department Procurement Progress Reports

Includes both F.Y. 1941 & 1942 programs.

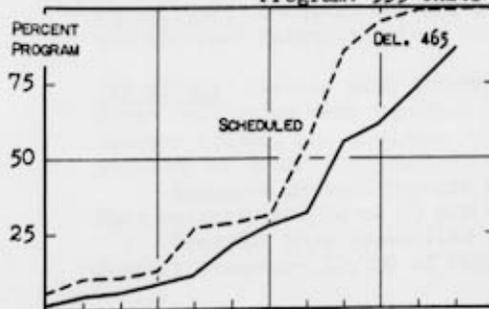


MEDICAL DEPARTMENT - DELIVERY STATUS - SIX CRITICAL ITEMS - NOVEMBER 30, 1941

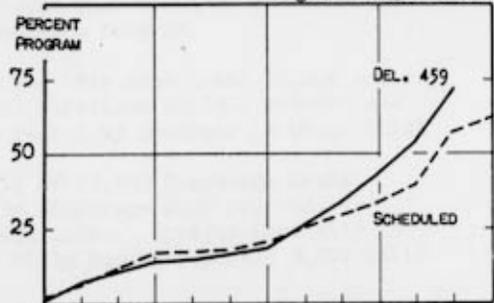
Source of Information: Medical Department Procurement Progress Reports

Includes 1941 Program only.

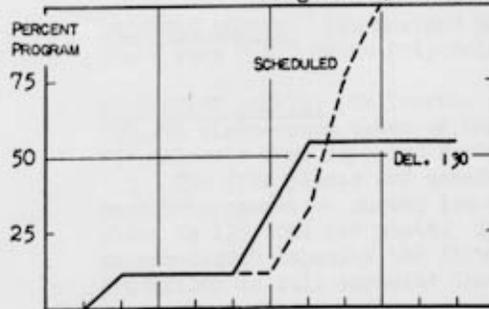
Machine, radiographic, fluoroscopic
Program: 535 Units



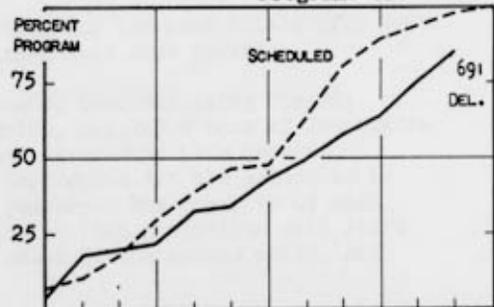
X-Ray, field, mobile, complete
Program: 643 Units



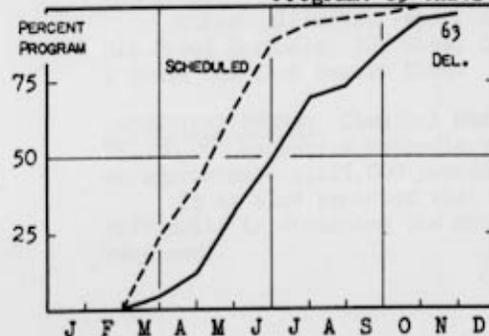
X-Ray, field, table unit
Program: 232 Units



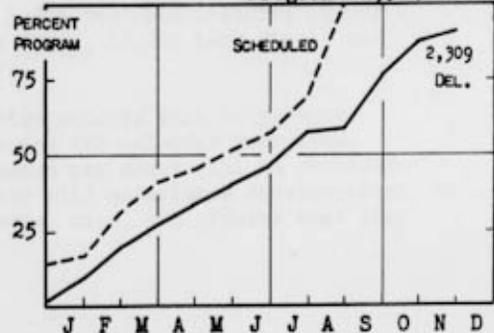
Sterilizer, hospital, complete
Program: 810 Units



Sterilizer, hospital, dressing
Program: 65 Units



Sterilizer, hospital, utensil
Program: 2,564 Units



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS DECEMBER 5, 1941

Source of Information: Chemical Warfare Service Weekly Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941, and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on six Critical and thirteen Essential Items on the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 39,204 units. These deliveries were reported as follows: Firestone 22,584; Johnson and Johnson 13,500, and Goodyear 3,120. The report by Goodyear is their first delivery on their 1942 contract.

Edgewood Arsenal reports an assembly of 12,960 Diaphragm Masks. This delivery completes 80 per cent of the Diaphragm Mask program.

Training Mask assemblies total 21,632 units. Sprague Specialty Company assembled 12,780 of this number; while Eureka reported 8,852 units.

EXTRA CANISTERS: Deliveries indicate that the canister situation has improved. There were 59,570 extra Service Canisters delivered. Goodyear assembled 49,570; Johnson and Johnson 10,000. Edgewood Arsenal completed the program for extra Optical Canisters by a delivery of 20,241.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 82.3 tons. There were 7,217 Smoke Pots delivered during this same period.

PROTECTIVE AGENTS: Deliveries of 115 tons of Demustardizing Bleach; 550,976 eight-ounce tubes of Shoe Impregnite, and 243.8 tons of Impregnite "I" Solvents were reported during the week covered by this report.

The four plants for manufacturing Impregnite "I" are scheduled to come into operation during the month of January. The capacity of each plant is 125 tons per month. It is estimated that production will start at one-fourth capacity the first month, one-half the second month, and production to full capacity thereafter.

VARIOUS DELIVERIES: There were also 209 Gas Instructional Sets; 187 Gas Detonation Sets; 10,000 Decontaminating Apparatus (1½ qt); 1,179 Decontaminating Apparatus (3 gal). The program for the latter item is now complete.

Other deliveries reported include 1,625 Dust Respirators; 10,962 Gas Proof Curtains; 325 Steel Containers (ton); 15,000 Land Mines, and 2 Chest Gas Mask Repair Kits.

INCENDIARY BOMBS: Chemical Warfare Service reports that to produce 35,000,000 Magnesium Incendiary Bombs during the calendar year 1942, an approximate 4,125,000 pounds of magnesium per month will be required.

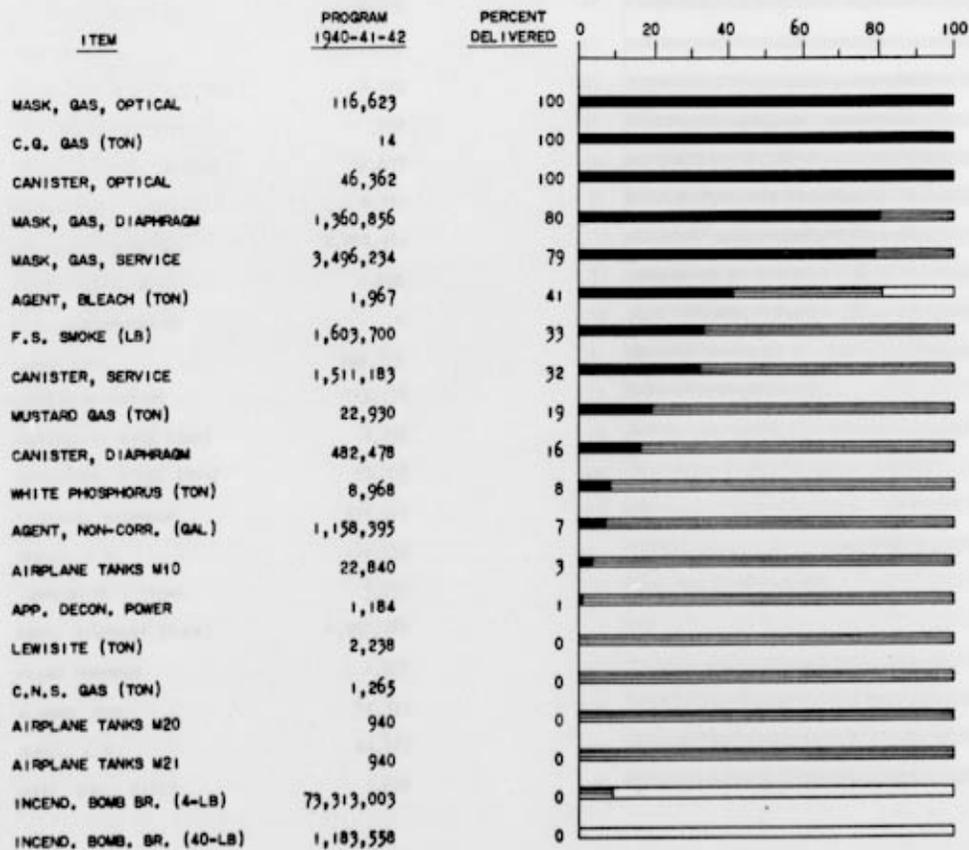
It is also reported that the Service will experience considerable difficulty in obtaining the necessary tools, dies, and presses that are required.

PROCUREMENT PROGRESS - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

December 5, 1941

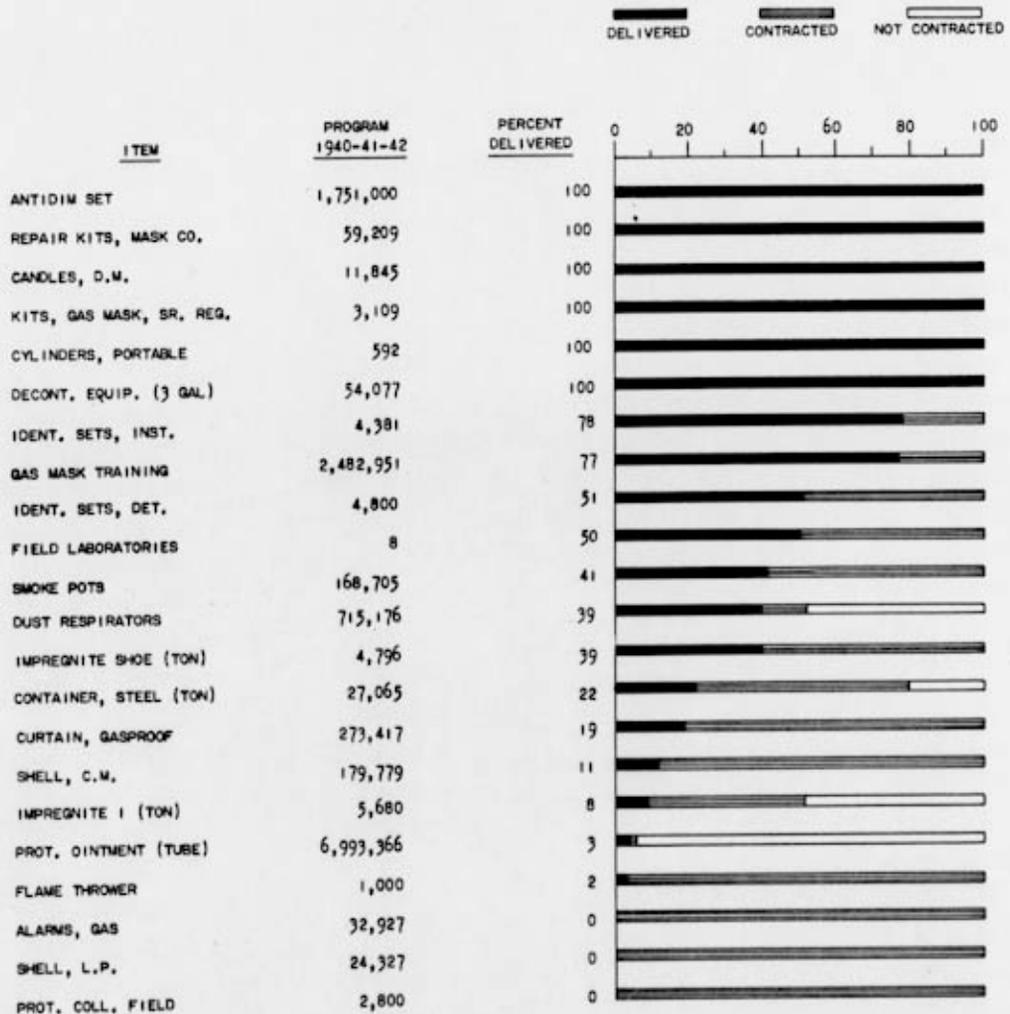
DELIVERED
 CONTRACTED
 NOT CONTRACTED



PROCUREMENT PROGRESS - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

December 5, 1941



SECRET

TO BE KEPT IN THE POSSESSION OF THE OFFICER TO WHOM ISSUED AND LOCKED UP WHEN NOT IN USE.

PSF War

WEEKLY STATISTICAL REPORT

No. 25

RELEASED

Leonard P. Ayres
BRIGADIER GENERAL LEONARD P. AYRES
DIRECTOR, STATISTICS BRANCH

SUMMARY

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Date- 3-5-59

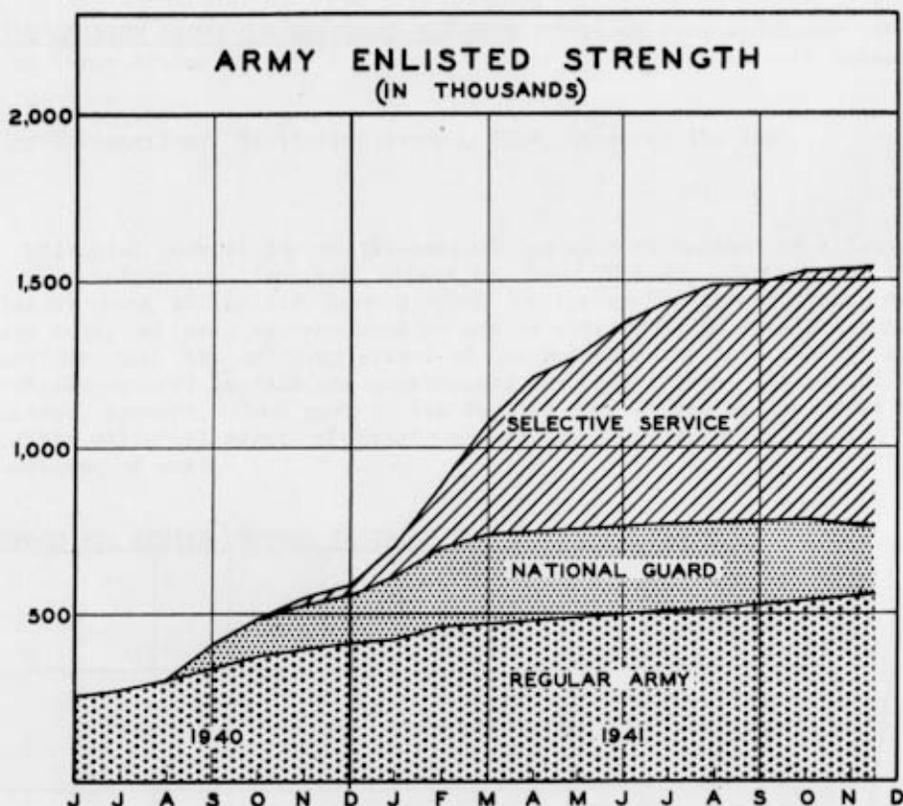
Signature- *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-2542-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 25
DECEMBER 20, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to December 15, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

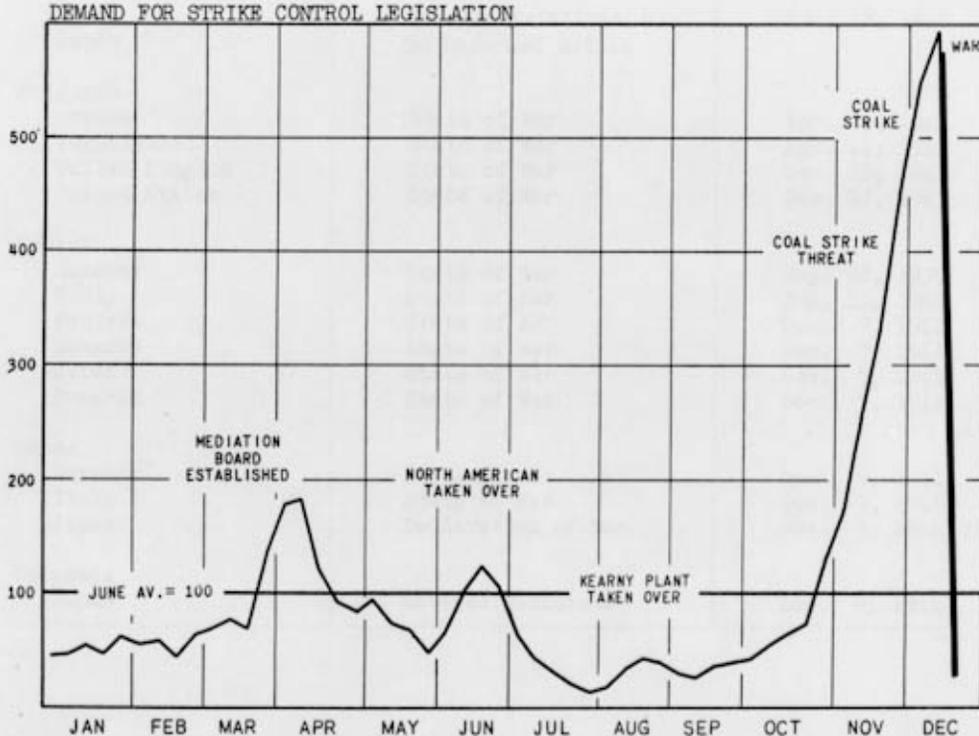
	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,481,197
Sep	407,613	Mar	1,068,030	Sep	1,484,024
Oct	483,218	Apr	1,205,873	Oct	1,526,600
Nov	540,695	May	1,265,211	Nov	1,528,500
Dec	573,520	Jun	1,362,760	Dec 15	1,545,000

Source of Information: Statistics Branch, General Staff, December 16, 1941

EDITORIAL OPINION ABOUT OUR MILITARY PROGRESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 17, 1941

Editorial support for strike-control legislation reached an all-time peak just before the Japanese attack on Pearl Harbor. Since then the tallies of such editorials have dropped to a very low level. Part, and perhaps most, of this extreme decline may be attributed to a belief among the editors that the unifying effect of our sudden entry into the way has made strike-control legislation unnecessary and undesirable. It should be remembered, however, that part of the decline was caused by the crowding off of the editorial pages of nearly all material not directly related to the outbreak of war.



DECLARATIONS OF WAR AND DECLARATIONS OF RECOGNITION OF STATES OF WAR

Source of Information: Executive Office of the President, The Department of State, and The Embassies and Legations.

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Albania Russia	Declaration of War	Jun. 29, 1941
Australia Germany Italy Finland Hungary Japan Rumania	State of War State of War State of War State of War Declaration of War State of War	Sep. 3, 1939 Jun. 11, 1940 Dec. 8, 1941 Dec. 8, 1941 Dec. 8, 1941 Dec. 8, 1941
Belgium Belgium in Exile Italy Japan	No Recorded Action Severed Relations No Recorded Action	Jun. 18, 1940
Bulgaria Greece Yugoslavia United Kingdom United States	State of War State of War State of War State of War	Apr. 24, 1941 Apr. 24, 1941 Dec. 13, 1941 Dec. 13, 1941
Canada Germany Italy Finland Hungary Japan Rumania	State of War State of War State of War State of War State of War State of War	Sep. 10, 1939 Jun. 11, 1940 Dec. 7, 1941 Dec. 7, 1941 Dec. 7, 1941 Dec. 7, 1941
China Germany Italy Japan	State of War State of War Declaration of War	Dec. 9, 1941 Dec. 9, 1941 Dec. 9, 1941
Colombia Japan	Severed Relations	Dec. 9, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Costa Rica		
Japan	State of War	Dec. 8, 1941
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Cuba		
Japan	Declaration of War	Dec. 9, 1941
Germany	Declaration of War	Dec. 11, 1941
Italy	Declaration of War	Dec. 11, 1941
Czechoslovakia		
All Govts. at war with U.S. and U.K.	State of War	Dec. 16, 1941
Dominican Republic		
Japan	Declaration of War	Dec. 8, 1941
Germany	Declaration of War	Dec. 11, 1941
Italy	Declaration of War	Dec. 11, 1941
Egypt		
Germany	Severed Relations	Sep. 5, 1939
Italy	Severed Relations	Jun. 12, 1940
Japan	Severed Relations	Dec. 8, 1941
Hungary	Severed Relations	Dec. 15, 1941
Rumania	Severed Relations	Dec. 15, 1941
El Salvador		
Japan	State of War	Dec. 8, 1941
Germany	State of War	Dec. 12, 1941
Italy	State of War	Dec. 12, 1941
France		
Germany	State of War	Sep. 3, 1939
France in Exile		
Japan	Declaration of War	Dec. 8, 1941
Germany		
Yugoslavia	Declaration of War	Apr. 6, 1941
United States	State of War	Dec. 11, 1941
Greece		
Italy	State of War	Oct. 28, 1940
Greece in Exile		
Japan	Severed Relations	Dec. 9, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Guatemala		
Japan	State of War	Dec. 8, 1941
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Haiti		
Japan	Declaration of War	Dec. 8, 1941
Germany	Declaration of War	Dec. 12, 1941
Italy	Declaration of War	Dec. 12, 1941
Honduras		
Japan	Declaration of War	Dec. 8, 1941
Germany	Declaration of War	Dec. 12, 1941
Italy	Declaration of War	Dec. 12, 1941
Hungary		
Russia	State of War	Jun. 27, 1941
United States	State of War	Dec. 11, 1941
Italy		
France	State of War	Jun. 11, 1940
United Kingdom	State of War	Jun. 11, 1940
Russia	Declaration of War	Jun. 22, 1941
United States	Declaration of War	Dec. 11, 1941
Japan		
United Kingdom	Declaration of War	Dec. 7, 1941
United States	Declaration of War	Dec. 7, 1941
Mexico		
Japan	Severed Relations	Dec. 8, 1941
Germany	Severed Relations	Dec. 11, 1941
Italy	Severed Relations	Dec. 11, 1941
Netherlands		
Germany	State of War	May 10, 1940
Netherlands in Exile		
Japan	State of War	Dec. 7, 1941
Netherlands East Indies		
Japan	Declaration of War	Dec. 8, 1941

Declaring Country Declared Against.	Nature of Declaration	Dates of the Declaring Nations
New Zealand		
Germany	State of War	Sep. 3, 1939
Italy	Declaration of War	Jun. 11, 1940
Japan	Declaration of War	Dec. 8, 1941
Nicaragua		
Japan	Declaration of War	Dec. 7, 1941
Germany	Declaration of War	Dec. 12, 1941
Italy	Declaration of War	Dec. 12, 1941
Norway		
Germany	State of War	Apr. 24, 1940
Japan	Severed Relations	Dec. 9, 1941
Panama		
Japan	State of War	Dec. 8, 1941
Germany	State of War	Dec. 12, 1941
Italy	State of War	Dec. 12, 1941
Poland in Exile		
Japan	State of War	Dec. 8, 1941
Rumania		
United States	State of War	Dec. 12, 1941
South Africa		
Germany	Declaration of War	Sep. 6, 1939
Italy	Declaration of War	Jun. 11, 1940
Japan	State of War	Dec. 9, 1941
United Kingdom		
Germany	State of War	Sep. 3, 1939
Italy	State of War	Jun. 10, 1940
Finland	Declaration of War	Dec. 7, 1941
Hungary	Declaration of War	Dec. 7, 1941
Rumania	Declaration of War	Dec. 7, 1941
Japan	Declaration of War	Dec. 8, 1941
United States		
Japan	State of War	Dec. 8, 1941
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Yugoslavia		
Bulgaria	State of War	Apr. 6, 1941
Hungary	State of War	Apr. 10, 1941

RUBBER, TIN, AND CHROME ORE

Source of Information: Department of Commerce and O.P.M.

<u>RUBBER</u>		<u>TIN</u>	
<u>Imports:</u>		<u>Imports:</u>	
British Malaya	57%	British Malaya	77%
Netherland East Indies	28%	Netherland East Indies	10%
Ceylon	7%	China	3%
Other Far East	6%	FAR EAST	90%
FAR EAST	98%	Africa	4%
Africa	1%	United Kingdom	4%
South America	1%	Others	2%
	<u>100%</u>		<u>100%</u>
<u>Consumption:</u>		<u>Consumption:</u>	
Tires, Tubes, Etc.	72%	Tin Cans	40%
Belting, Hose, Packing	10%	Solder	22%
Footwear, Heels, Soles	6%	Babbitt Metal	7%
Wire Insulation	3%	Bronze	7%
Others	2%	Others	24%
	<u>100%</u>		<u>100%</u>

CHROME ORE

<u>Imports:</u>		<u>Consumption:</u>	
Philippine Islands	24%	Stainless Steel)	41%
New Caledonia	6%	Armor Plate, Etc.)	
FAR EAST	30%	Refractories	29%
Africa	43%	Chemicals	16%
Cuba	8%	Others (Including parts	
Europe	19%	of the above)	14%
	<u>100%</u>		<u>100%</u>

	<u>RUBBER</u>	<u>TIN</u>	<u>CHROME ORE</u>
	(Long Tons)	(Long Tons)	(Long Tons)
U. S. Imports, first 11 months 1941	940,000	160,000	870,000
<u>Stocks On Hand:</u>			
Industrial	175,000	50,000	640,000
Government Stockpile	330,000	60,000	270,000
	<u>505,000</u>	<u>110,000</u>	<u>910,000</u>

DEFENSE AID - TEXT SUMMARY - NOVEMBER 30, 1941

Source of Information: OEM and Arm of Service

Appropriations

To date there have been two Defense Aid appropriations, \$7,000,000 and \$5,985,000 on March 24, 1941 and October 28, 1941, respectively.

Allocations

Of the \$12,985,000,000, which is divided among various government departments, \$9,199,140,520 or 70% has been allocated. The greatest amount of the allocations has been assigned to the War Department, 55%.

Obligations

The total amount of money obligated by the War Department is \$2,939,205,387. This is divided among the arms of service in the following tabulation:

<u>Arm of Service</u>	<u>Total Obligated</u>
Air Corps	\$1,659,466,255
Ordnance	1,048,158,346
Quartermaster	151,650,413
Signal Corps	48,387,450
Engineers	23,269,139
Chemical Warfare	7,872,561
Medical	401,223

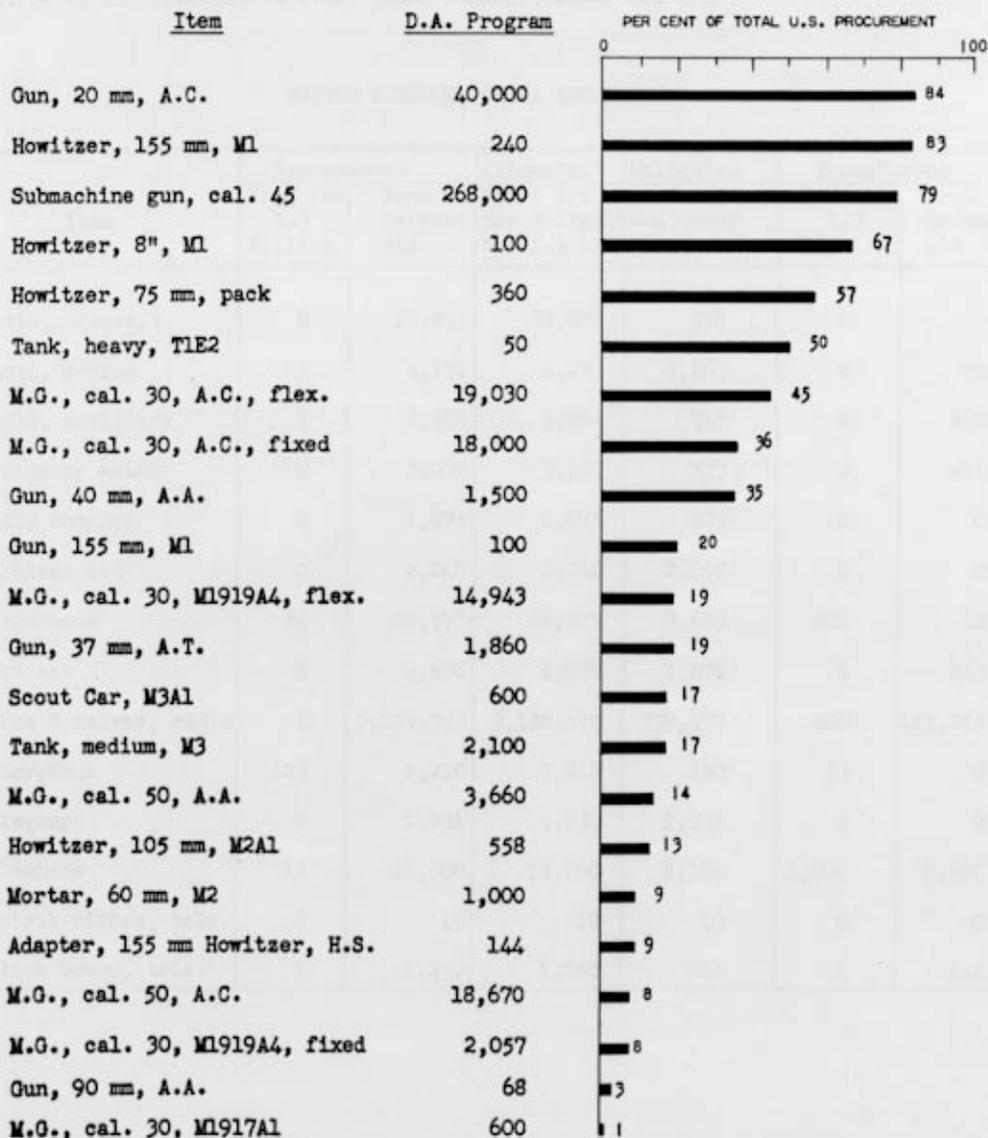
Transfers

The material which was transferred by the War Department from stock, orders placed prior to March 11, 1941 and from Defense Aid Appropriations, has reached a value of \$149,429,241. This does not mean that every dollar of this has actually been exported, but that legal possession has been transferred to the foreign governments concerned. If the material reported as transferred has not been exported, it is in warehouses pending shipping facilities. The following tabulation shows the amounts which have been transferred by the various arms of service from the specified fund.

<u>Arm of Service</u>	<u>From the 1.3 billion</u>	<u>From Appropriations</u>	<u>Total</u>
Ordnance	\$70,966,793	\$29,687,940	\$100,654,733
Quartermaster	4,375,057	27,728,086	32,103,143
Air Corps	2,450,739	5,127,323	7,578,062
Signal Corps	386,131	3,457,530	3,843,661
Chemical Warfare	1,992,936	1,075,095	3,068,031
Engineers	1,228,210	940,339	2,168,549
Medical	13,062	—	13,062
Total	81,412,928	68,016,313	149,429,241

DEFENSE AID AS A PORTION OF U.S. ARMY PROCUREMENT - ORDNANCE - NOVEMBER 30, 1941

Source of Information: Ordnance Department



DEFENSE AID - SIGNAL CORPS PROCUREMENT - NOVEMBER 30, 1941

Source of Information: Office, Chief Signal Officer and OEM

UNITED KINGDOM, CHINA AND HAITI

Item	Recommended		Allocated	Obligated	Transferred	
	From the 1.3 Billion	From Defense Aid			There are neither alloc. nor obligations under the 1.3 billion	From the 1.3 Billion
Radio, aircraft	0	20,851	20,076	298	0	0
Radio, ground	25	4,176	4,276	3,263	0	78
Radio, auxiliary	1	6,586	3,694	715	0	949
Frequency meter	0	3,072	3,122	837	2	411
Radio compass	0	1,875	1,875	303	0	0
Wireless set	0	2,040	2,040	2,040	0	0
Microphone	24	28,597	28,597	8,663	601	12
Test set	3	1,676	1,676	1,676	1	343
Tubes & valves, radio	1	3,139,398	3,138,698	539,477	400	125,205
Interphone	123	7,210	7,210	150	33	0
Telegraph	0	1,931	1,931	1,931	2	0
Telephone	12	12,000	12,000	8,100	1,002	6,296
Central office, tele.	8	10	10	10	0	0
Switch board, tele.	1	1,250	1,250	927	4	114

TEXT SUMMARY - ORDNANCE DEPARTMENT - DECEMBER 20, 1941

Source of Information: Ordnance Department and OUSW

GENERAL

The diagrams on pages 15 and 17 show, respectively, the serious lag in output of 75mm tank guns, and the sharp increase in acceptances of artillery ammunition now being effected.

FISCAL

The ten billion dollar Third Supplemental National Defense Appropriation Act, 1942, was approved on December 17, 1941. This law appropriated \$3,719,883,246 additional funds for Ordnance Service and Supplies, Army. Approximately half of the new ordnance funds is for combat vehicles.

The Second Supplemental National Defense Appropriation Act, 1942, approved October 28, 1941 had appropriated more than a billion dollars Defense Aid funds for the purchase of ordnance items. Other appropriations in the 1942 Fiscal Year, direct to the Ordnance Department, had amounted to nearly three billion, two hundred million dollars. The total new money available to the Ordnance Department thus far in the 1942 Fiscal Year is approximately eight billion dollars, as compared with almost six billion dollars funds in the 1941 Fiscal Year, and four billion, two hundred million dollars in the peak World War year of 1919.

The Third Supplemental Act contains a provision authorizing the disposal to foreign countries of two billion dollars of defense articles procured from funds appropriated for the Military Establishment prior to, or since, March 11, 1941. The authorization to dispose of one billion, three hundred million dollars of defense articles contained in the Defense Aid law approved March 11, 1941, is reduced to eight hundred million dollars.

Approximately three-fourths of the new funds made available to the Ordnance Department on December 17, 1941, is for equipment. Among the principal items authorized are the following:

32,000	Gun, 20mm aircraft	6,000	Tank, light, with armament
4,000	Gun, automatic 40mm antiaircraft	15,300	Tank, medium, with armament
2,000	Gun, 90mm antiaircraft, mobile	500	Tank, heavy, with armament
6,550	Gun, 37mm antitank	5,000	Car, scout, with armament
490,000	Gun, submachine, caliber .45	10,000	Car, armored, with armament
2,000	Gun, 3" antitank self-propelled	1,000,000	Aircraft bombs
1,490	Howitzer, 75mm, self-propelled	9,200,000	Shot, 75mm and 3", tank & antitank

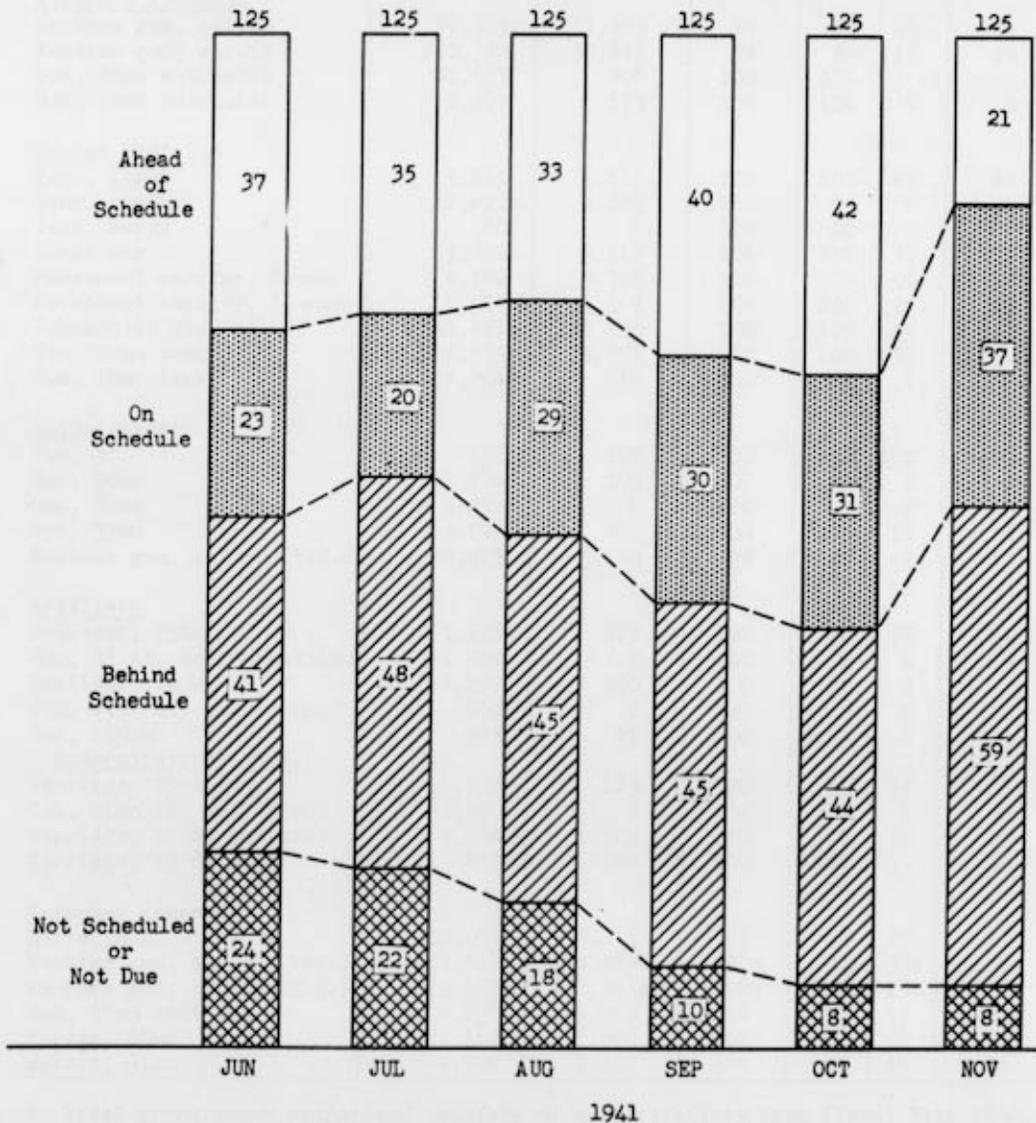
NEW FACILITIES

An increase of approximately forty-five percent in the productive capacity of government-owned small arms ammunition facilities has been authorized. The greater part is to be provided by increasing the number of machines in the buildings now under construction.

PROGRESS OF ORDNANCE PROCUREMENT - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Equipment - Critical Items



EQUIPMENT PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement authorized*	Preliminary acceptances thru Dec 8	Percent of total authorized			
			Con-tracted	Sched-uled	Due	Accepted Dec 8
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,553	11,903	97	97	13	13
Machine gun, cal.50	221,314	35,895	94	94	16	16
Gun, 20mm automatic	47,663	408	100	100	.1	.8
Gun, 37mm automatic	2,907	173	100	100	5	6
<u>Combat Vehicles</u>						
Tank, light	5,885	2,611	100	100	42	44
Tank, medium	12,491*	1,099	100	85	8	9
Tank, heavy	100	0	100	50	0	0
Scout car	3,440	2,722	100	100	79	79
Personnel carrier, 8-man	5,792	3,120	100	100	56	54
Personnel carrier, 13-man	5,521	1,503	100	100	24	27
Submachine gun, cal.45	340,421	180,426	100	100	47	53
Gun, 37mm tank	15,733*	4,191	100	100	30	27
Gun, 75mm tank	9,764*	579	100	63	6	6
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,284	103	100	56	5	5
Gun, 40mm	4,236	0	100	53	0	0
Gun, 37mm	3,195	488	100	100	16	15
Machine gun, cal.50 (W.C.)	26,473	3,144	99	99	12	12
<u>Artillery</u>						
Howitzer, 75mm	1,318	271	100	76	22	21
Gun, 3" AT, self-propelled	1,580	0	100	0	0	0
Howitzer, 105mm	4,297	290	100	91	7	7
Gun, 4.5" AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	29	100	100	8	6
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	883	100	71	71	66
Gun, 75mm AT, self-prop.	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,306	100	91	82	82
Carriage, 155mm gun	853	266	100	100	33	31
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,332,069	353,215	93	93	25	27
Machine gun, cal.30 (var.)	161,629a	54,483a	98a	98a	39a	34a
Machine gun, cal.50 (H.B.)	31,699a	2,353a	100a	100a	15a	7a
Gun, 37mm antitank	9,838	1,998	100	96	17	20
Mortar, 60mm	11,162	6,688	100	100	56	60
Mortar, 81mm	4,705	2,163	100	95	49	46

* Total procurement authorized consists of authorizations from Fiscal Year 1940, 1941, and 1942 funds, Navy, Marine Corps, and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a. Figures include armament for combat vehicles.

INFANTRY ARMAMENT - CARBINE, CALIBER .30, M1 - DECEMBER 15, 1941

Source of Information: Ordnance Department and G-4, General Staff

CHARACTERISTICS

	PISTOL, CAL.45	CARBINE, CAL.30, M1	RIFLE, CAL.30, M1
Method of operation	Semi-automatic	Semi-automatic	Semi-automatic
Length	8.6 inches	35.5 inches	43.0 inches
Weight	2.4 lbs.	4.6 lbs.	9.6 lbs.
Muzzle velocity	802 ft/sec.	1,860 ft/sec.	2,700 ft/sec.
Maximum effective range	50 yards	300 yards	600 yards

The carbine, caliber .30, M1 (light rifle) will supplement the .30 caliber, M1 (Garand) rifle and .45 caliber automatic pistol, and provide ammunition carriers, machine gunners, mortar men, parachute and administrative personnel with weapons suitable to combat enemy parachutists or ground elements that have penetrated defense lines. In offensive maneuvers the light rifle will be used to subdue isolated points of resistance that have been passed over.

The Hyde, Turner, Reising, Springfield and Winchester rifles were tested for standardization. The Winchester, with minor modifications, was adopted.

Winchester also concurrently developed the ammunition for the carbine rifle. This was used in test firing the various rifles and standardized with minor changes.

Item	Number Authorized	Value of Authorization	Number Ordered	Manufacturer
Carbine, cal.30, M1, rifle	881,698	\$44,084,900	200,000*	American Type Founders
			336,698	Inland Manufacturing Div.
			250,000*	Winchester
Cartridge, carbine, cal.30, M1	420,129,000	10,503,975	400,000,000*	Remington

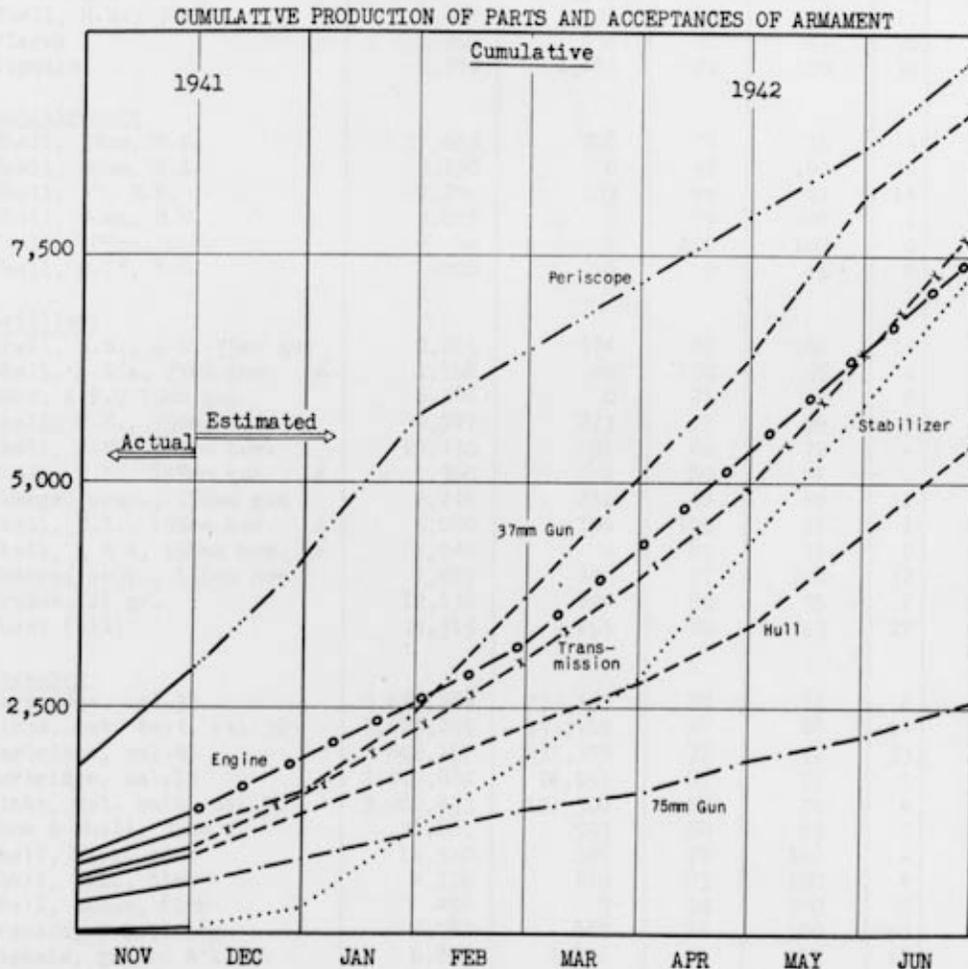
* Letters of clearance approved by OPM.

COMBAT VEHICLES - PARTS OF MEDIUM TANK, M3 - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department & OUSW

Production of the basic component, the hull, into which the other parts are assembled, corresponds with acceptances of complete medium tanks, M3 (after test running, but without armament).

The use of these tanks as combat vehicles is restricted in number because acceptances of 75mm tank guns show a serious lag behind the current and forecast production of hulls. The gun schedule does not include estimates for Empire Ordnance nor for the new facility of Olds Motor Works, which is to have a monthly capacity of 2,000 guns.



AMMUNITION PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement authorized (THOUSANDS)	Preliminary acceptances thru Dec 8 (THOUSANDS)	Percent of total authorized			
			Con-tracted	Scheduled thru Dec '42	Due	Accepted Dec 8
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,047	433	99	83	19	21
Bomb, demo., 100#, 300#, 500#	1,698	196	77	98	11	12
Bomb, demo., 1000#	110	2	13	90	2	2
Bomb, chem., 30#, 100#	603	201	82	100	31	33
Cartridge, 20mm	113,686	5,329	62	100	4	5
Shell, H.E., 37mm	2,098	538	90	98	27	26
Flares	902	236	42	87	30	26
Signals	2,789	1,082	79	100	39	39
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	706	78	76	4	4
Shell, 40mm, H.E.	4,198	0	48	100	4	0
Shell, 3", H.E.	2,269	303	99	82	14	13
Shell, 90mm, H.E.	3,057	9	99	100	1	-
Shell, 105mm, H.E.	12	0	100	100	0	0
Shell, 4.7", H.E.	200	0	0	15	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	374	80	100	14	16
Shell, g & s, 75mm gun	1,108	45	100	55	4	4
Shot, A.P., 75mm gun	8,388	0	21	8	0	0
Shell, H.E., 75mm how.	4,927	273	87	99	5	6
Shell, H.E., 105mm how.	19,710	81	60	72	-	-
Shell, H.E., 155mm gun	1,360	2	80	92	-	-
Charge, prop., 155mm gun	2,248	232	48	86	11	10
Shell, H.E., 155mm how.	5,080	106	100	92	1	2
Shell, g & s, 155mm how.	1,442	-	85	31	0	-
Charge, prop., 155mm how.	7,497	843	77	100	12	11
Primer, 21 gr.	12,136	299	80	76	2	2
Fuzes (all)	14,315	3,254	88	93	22	23
<u>Infantry</u>						
Cartridge, cal.30	8,655,284	731,137	88	71	8	8
Links, met. belt, cal.30	1,025,225	151,962	97	88	14	15
Cartridge, cal.45	802,157	255,999	77	72	33	32
Cartridge, cal.50	2,609,884	78,951	81	55	3	3
Links, met. belt, cal.50	3,082,433	137,308	99	70	4	4
Shot & shell, 37mm	38,861	553	50	63	1	1
Shell, H.E., 60mm	11,310	126	79	100	-	1
Shell, H.E., 81mm	4,116	170	83	100	4	4
Shell, smoke, 81mm	456	0	94	100	0	0
Grenade, H.E., frag.	2,082	862	76	100	40	41
Signals, ground & light	6,804	1,196	51	71	17	18
Mine, antitank	3,146	0	83	94	0	0

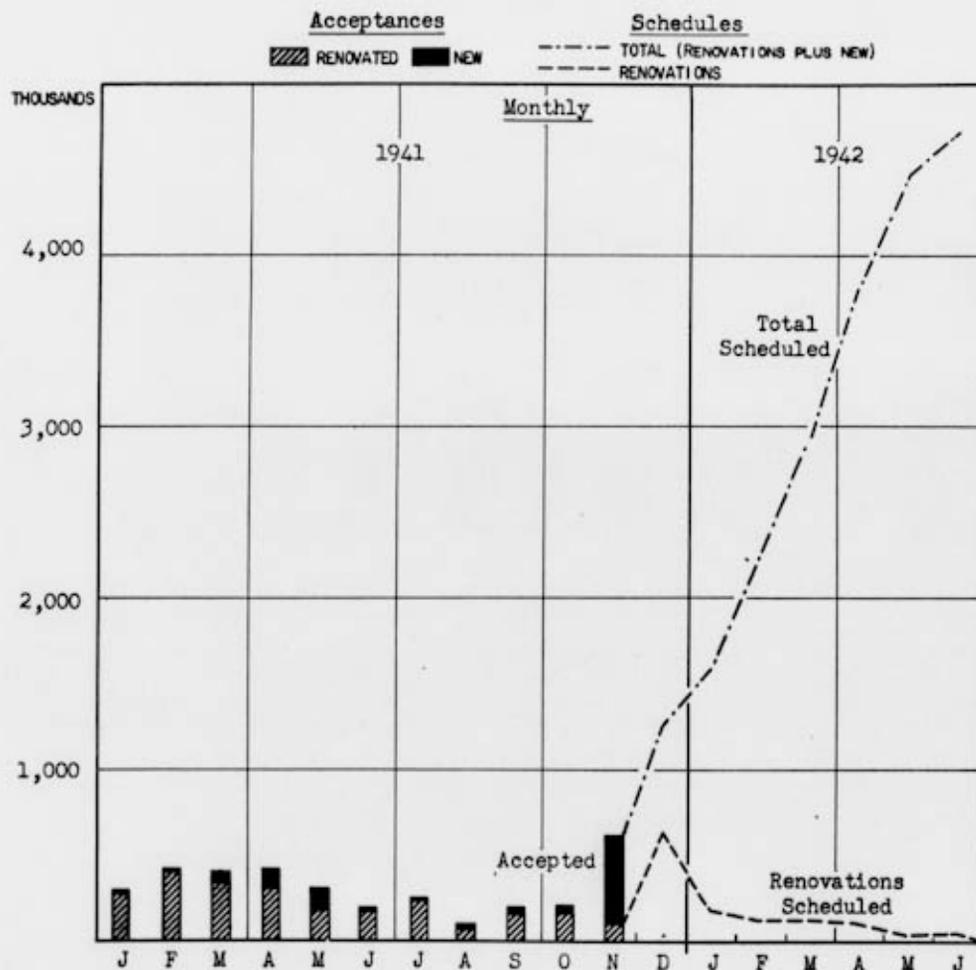
* Unfilled.

∅ Unfused.

AMMUNITION - 75MM THRU 16 INCH - RENOVATED AND NEW ROUNDS - NOVEMBER 30, 1941

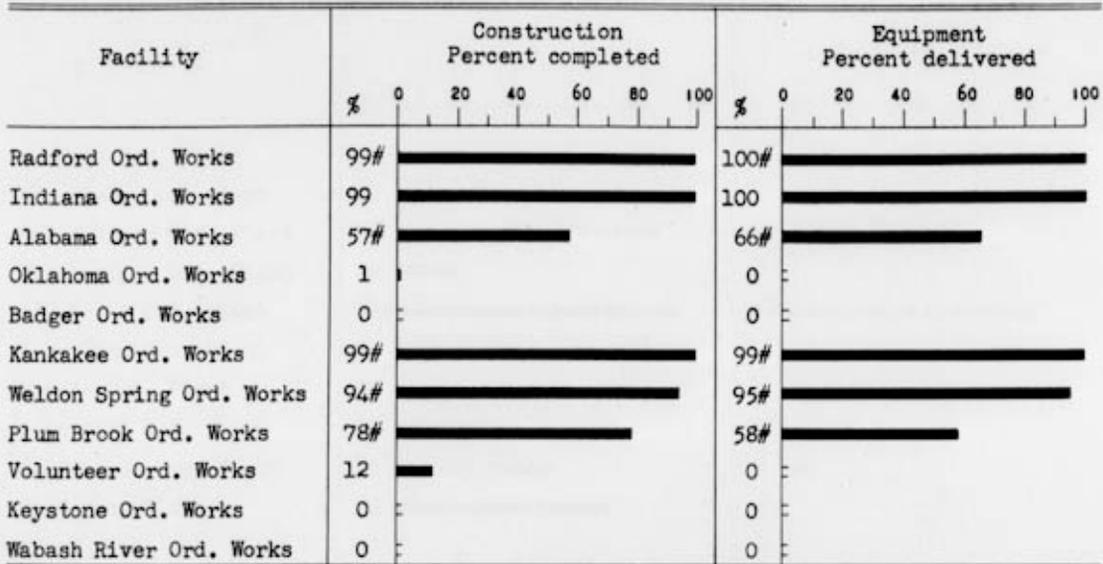
Source of Information: Ammunition Division, Ordnance Department & OUSW

Until November of this year renovations of complete rounds exceeded acceptances of new rounds of ammunition manufactured. There was a sharp increase in acceptances of ammunition in November. By the end of 1942 almost 7,000,000 rounds of ammunition from 75mm to 16 inch calibers, inclusive, will be loaded monthly.



NEW FACILITIES - PROGRESS AS OF NOVEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	4.2 Tons	\$ 57,000	95	4-41#	12-41
Indiana	Charlestown, Ind.	9.8 Tons	118,300	73	4-41#	1-42
Alabama	Sylacauga, Ala.	4.2 Tons	60,450	55	3-42	6-42
Oklahoma	Choteau, Okla.	4.2 Tons	64,000	8	9-42	2-43
Badger	Merrimac, Wisc.	4.2 Tons	65,000	-	10-42	3-43
<u>Tetryl & Azide</u>						
Kankakee	Joliet, Ill.	.5 Tons	-	-	11-41#	3-42
<u>TNT & DNT</u>						
Kankakee	Joliet, Ill.	6.7 Tons	58,600	89	9-41#	3-42
Weldon Spring	Weldon Spring, Mo.	6.7 Tons	49,000	65	10-41#	9-42
Plum Brook	Sandusky, Ohio	6.7 Tons	43,000	71	12-41	9-42
Alabama	Sylacauga, Ala.	2.0 Tons	34,025	31	7-42	10-42
Volunteer	Chattanooga, Tenn.	6.2 Tons	46,000	11	10-42	3-43
Keystone	Geneva, Pa.	5.6 Tons	45,000	-	11-42	4-43
<u>RDX</u>						
Wabash River	Newport, Ind.	1.4 Tons	53,500	-	-	-

Original project only.

Operations actually started.

NEW FACILITIES - PROGRESS AS OF NOVEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Hoosier Ord. Plant	97	[Bar to 97%]					99	[Bar to 99%]					
New River Ord. Plant	93	[Bar to 93%]					99	[Bar to 99%]					
Coosa River Ord. Plant	86	[Bar to 86%]					52	[Bar to 52%]					
Mississippi Ord. Plant	20	[Bar to 20%]					1	[Bar to 1%]					
St. Louis Ord. Plant	92#	[Bar to 92%]					81#	[Bar to 81%]					
Lake City Ord. Plant	99	[Bar to 99%]					84	[Bar to 84%]					
Denver Ord. Plant	99	[Bar to 99%]					92	[Bar to 92%]					
Twin City Ord. Plant	36	[Bar to 36%]					0	[Bar to 0%]					
Des Moines Ord. Plant	52	[Bar to 52%]					7	[Bar to 7%]					
Utah Ord. Plant	70	[Bar to 70%]					0	[Bar to 0%]					
Kings Mills Ord. Plant	0	[Bar to 0%]					0	[Bar to 0%]					
Gadsden Ord. Plant	100	[Bar to 100%]					91	[Bar to 91%]					

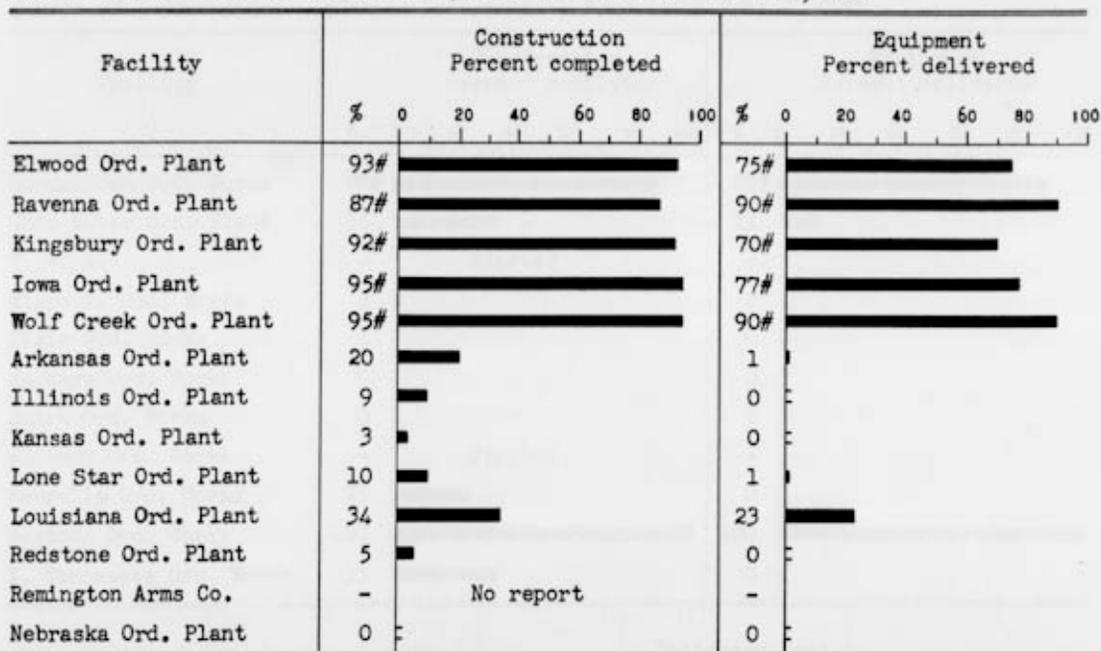
Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 33,000	85	9-41#	11-41
New River	Pulaski, Va.	2.7 Tons	17,032	78	9-41#	1-42
Coosa River	Taliedaga, Ala.	2.7 Tons	16,500	59	1-42	3-42
Mississippi	Flora, Miss.	2.7 Tons	17,000	25	5-42	7-42
<u>Sh. Mach. & Forg.</u>						
Gadsden	Gadsden, Ala.	210	7,571	75	8-41#	3-42
<u>S. A. Ammunition</u>		(Rounds)				
St. Louis	St. Louis, Mo.	200,000	110,000	81	12-41	2-42
Lake City	Lake City, Mo.	65,000	38,390	80	10-41#	1-42
Denver	Denver, Colo.	100,000	42,117	78	10-41#	4-42
Twin City	St. Paul, Minn.	65,000	36,500	58	4-42	9-42
Des Moines	Des Moines, Iowa	65,000	36,800	59	4-42	9-42
Utah	Salt Lake, Utah	65,000	36,500	54	4-42	9-42
Kings Mills	Kings Mills, Ohio	62,500	8,000	-	4-42	9-42

Original project only.

Ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF NOVEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



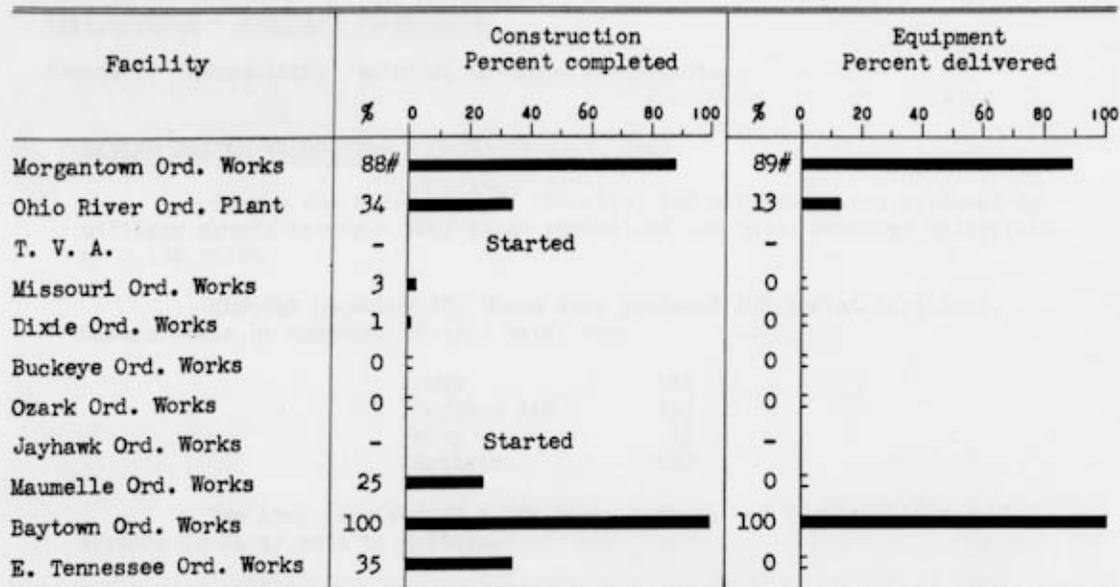
Facility	Location	Planned Loading Capacity	Estimated Cost November 30, 1941		Estimated Month	
			Total	Actually	Initial	Full
			(THOUS.)	Obligated (PERCENT)	Operation	Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill.	4 Lines	\$49,000	84	7-41#	6-42
Ravenna	Ravenna, Ohio	4 Lines	66,500	83	8-41#	5-42
Kingsbury	LaPorte, Ind.	6 Lines	46,000	85	8-41#	2-42
Iowa	Burlington, Iowa	4 Lines	50,509	82	7-41#	3-42
Wolf Creek	Milan, Tenn.	5 Lines	38,000	88	9-41#	3-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	33,500	22	4-42	8-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	24	5-42	10-42
Kansas	Parsons, Kans.	3 Lines	35,000	23	6-42	11-42
Lone Star	Texarkana, Texas	5 Lines	45,500	26	3-42	9-42
Louisiana	Minden, La.	4 Lines	36,000	39	2-42	7-42
Redstone	Huntsville, Ala.	Chem. Shell & Bombs	8,000	9	5-42	9-42
Remington <u>Bomb Loading</u>	Bridgeport, Conn.	20mm	225	-	-	-
Nebraska	Wahoo, Nebr.	100# Bombs	28,000	-	6-42	12-42

Original project only.

♠ Operations actually started.

NEW FACILITIES - PROGRESS AS OF NOVEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Ammonia</u>						
Morgantown	Morgantown, W. Va.	14.6 Tons	\$59,300	47	11-41#	3-42
Ohio River	Henderson, Ky.	4.5 Tons	14,677	63	6-42	10-42
T. V. A.	Muscle Shoals, Ala.	4.5 Tons	-	-	4-42	5-42
Missouri	Louisiana, Mo.	4.5 Tons	18,425	3	11-42	3-43
Dixie	Monroe, La.	4.5 Tons	13,750	17	11-42	3-43
Buckeye	South Point, Ohio	4.5 Tons	20,000	-	5-43	9-43
Ozark	El Dorado, Ark.	3.0 Tons	22,500	-	5-43	9-43
<u>Ammonium Nitrate</u>						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	24,200	4	10-42	1-43
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	12-41	5-42
Ozark	El Dorado, Ark.	3.0 Tons	-	-	5-43	9-43
<u>Ammonium Picrate</u>						
Maumelle	Marche, Ark.	1.1 Tons	12,500	33	5-42	7-42
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	12,900	100	10-41#	12-41
<u>Oleum</u>						
E. Tennessee	Copperhill, Tenn.	13.2 Tons	2,375	1	8-42	11-42

Original project only.

Operations actually started.

TEXT SUMMARY - AIRCRAFT PRODUCTION

Source of Information: Materiel Division - Air Corps

UNITED STATES PRODUCTION - DECEMBER 1-15, 1941

During the first half of December, 949 airplanes were produced by military manufacturers. This is 44 percent of the total November deliveries of 2,139 units.

Through December 15, there were produced 498 combat airplanes. Distribution by customer of this total was:

Army	191
Defense Aid	120
Navy	25
Britain	162

The Army received 25 B-17E heavy bombers and 10 Consolidated Liberators (B-24's) went to Britain.

AIRFRAME WEIGHT DELIVERED - NOVEMBER 1941

On the basis of poundage delivered, Lockheed had the largest output of any United States plant in November. Lockheed rose from seventh place in October. Lockheed's output, however, was approximately 140,000 pounds less than Consolidated's record in October.

North American's (Inglewood) poundage output declined in November. It fell from fifth to tenth place. The Inglewood plant's production was off nearly 50 percent from the previous month.

Consolidated's November production was likewise downward. This company dropped from first to fourth place in poundage. Its production was off 30 percent from October.

Of the ten big military producers, only four made increased poundage deliveries in November over October. The output of the remaining six was downward.

ARMY ENGINE INVENTORY

The inventory of Army airplane engines rose from 25,639 units, as of the end of October, to 28,612 units at the end of November. This was an increase of 2,973 units or 12 percent during the month.

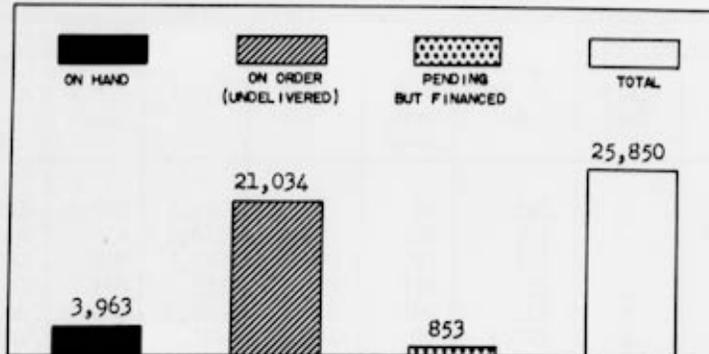
ARMY PROJECT AIRPLANE INVENTORY & STATUS OF PROCUREMENT - DECEMBER 8, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps

Tactical programs

Percentages

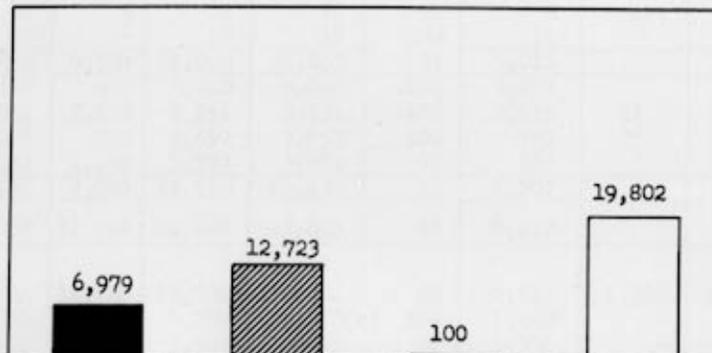
On hand	15%
On order	82%
Pending	3%
Total	<u>100%</u>



Trainer programs

Percentages

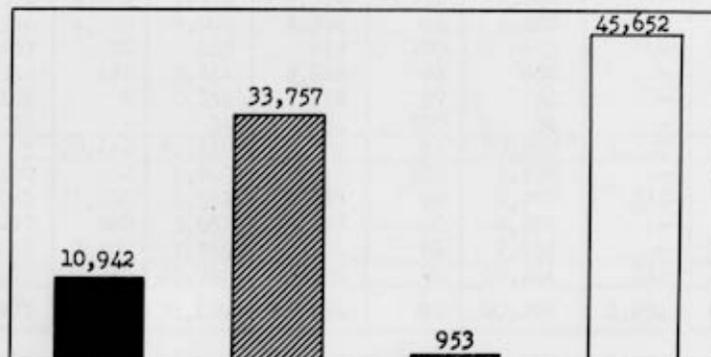
On hand	35%
On order	64%
Pending	1%
Total	<u>100%</u>



Total programs

Percentages

On hand	24%
On order	74%
Pending	2%
Total	<u>100%</u>



Note: On hand figures include both stocks and deliveries against current contracts. Figures subject to change by loss, transfer, and program amendments.

TABULAR SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - DECEMBER 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 12/8/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	146		600
Medium bomber	4,615	-	4,615	4,615	100	393		-
Light bomber	1,882	150	2,032	1,882	93	232		150
Pursuit fighter	23	150	173	173	100	10		-
Pursuit inter, 2-eng.	686	1,000	1,686	1,686	100	142	contracted	-
Pursuit inter, 1-eng.	4,394	4,700	9,094	8,994	99	1,745		100
Observation	533	80	613	613	100	413		-
Transport	1,118	243	1,361	1,361	100	113		-
Amphibian	74	5	79	76	96	2		3
Reconnaissance	17	-	17	17	100	14		-
Total Tactical	15,588	9,508	25,096	24,243	97	3,210		
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,273	ALL	-
Basic trainer	5,051	1,100	6,151	6,151	100	2,215		-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	989		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	230		100
Total Trainer	16,470	3,060	19,530	19,430	99	6,707		
Grand Total	32,058	12,568	44,626	43,673	98	9,917		953
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,615	1,520	2,400
Medium bomber	9,230	-	9,230	9,650(c)	105	1,442	-	-
Light bomber	3,576	150	3,726	3,576	96	1,334	-	150
Pursuit fighter	46	300	346	346	100	20	-	-
Pursuit inter. 2-eng.	1,372	2,000	3,372	3,372	100	1,062	-	-
Pursuit inter. 1-eng.	4,394	4,700	9,094	8,394	92	2,208	-	700
Observation	533	80	613	613	100	613	-	-
Transport	2,358	486	2,844	2,818	99	660	-	26
Amphibian	148	6	154	151	97	64	-	3
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,675	20,442	51,117	46,738	91	10,052	1,520	3,279
<u>Trainers</u>								
Primary trainer	5,490	450	5,940	5,940	100	3,519	-	-
Basic trainer	5,051	1,100	6,151	6,037	98	2,270	114	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	2,158	-	1,400
Total Trainer	19,102	4,210	23,312	21,438	92	10,244	114	1,760
Grand Total	49,777	24,652	74,429	68,176	92	20,296	1,634	5,039

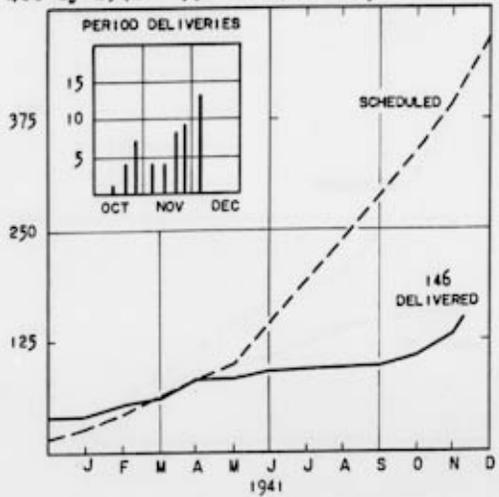
(a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.

(b) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.

(c) Amount under contract exceeds installation requirement.

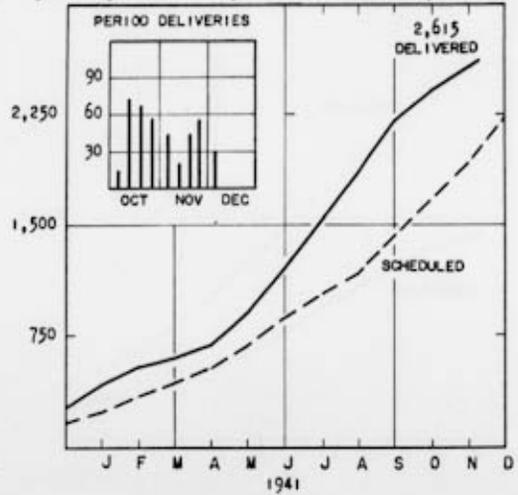
ARMY PROJECT AIRPLANES

4,826 HEAVY BOMBER
466 by 1941 - 990 in 1942 - 3,370 in 1943

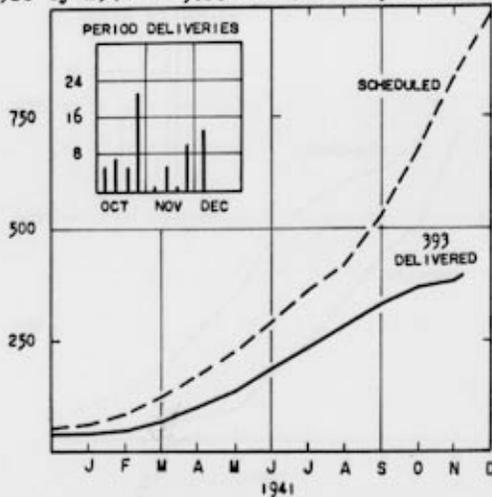


ARMY INSTALLATION ENGINES

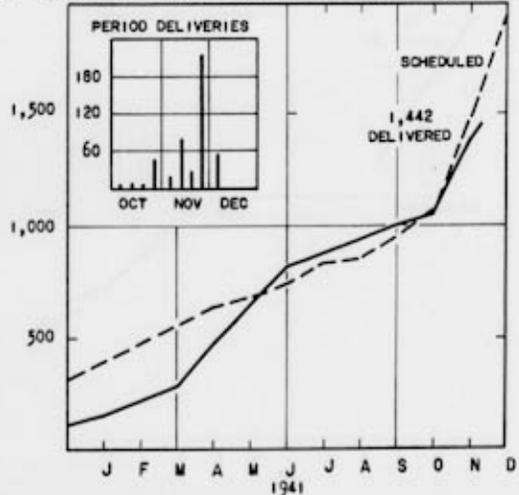
17,784 HEAVY BOMBER
2,247 by 1941 - 9,283 in 1942 - 6,254 in 1943



4,615 MEDIUM BOMBER
980 by 1941 - 1,935 in 1942 - 1,700 in 1943

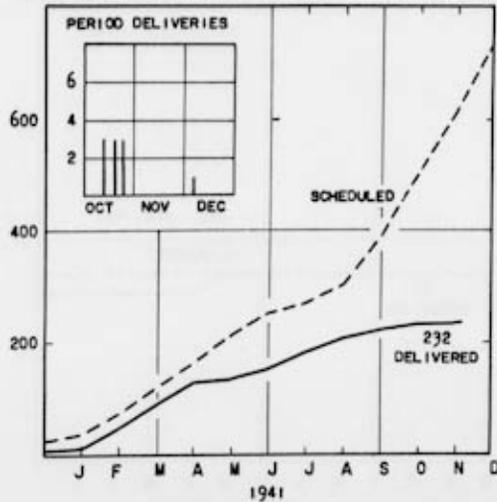


9,650 MEDIUM BOMBER
1,941 by 1941 - 5,762 in 1942 - 1,947 in 1943



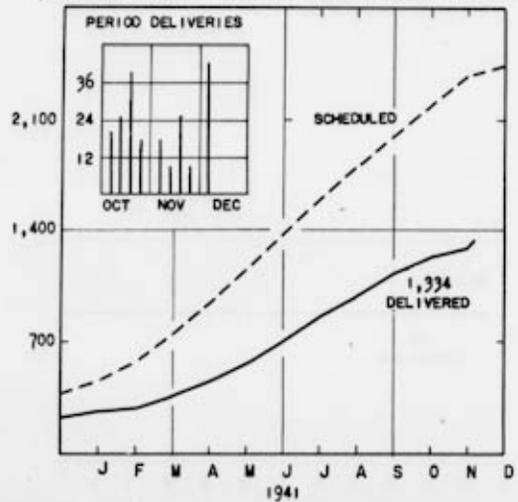
ARMY PROJECT AIRPLANES

1,882 LIGHT BOMBER
731 by 1941 - 651 in 1942 - 500 in 1943

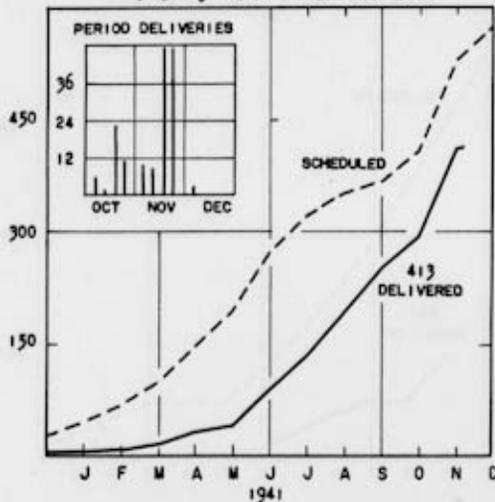


ARMY INSTALLATION ENGINE

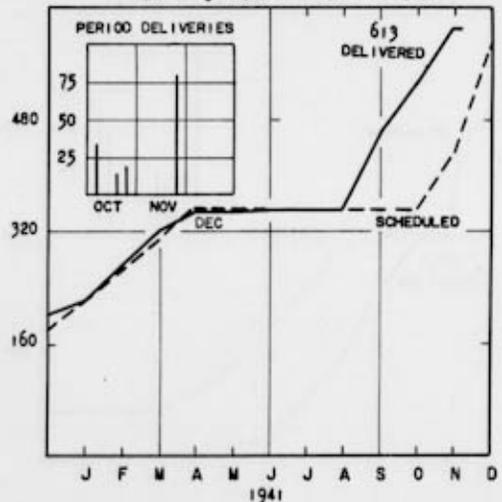
3,576 LIGHT BOMBER
2,436 by 1941 - 181 in 1942 - 959 in 1943



613 OBSERVATION
573 by 1941 - 40 in 1942

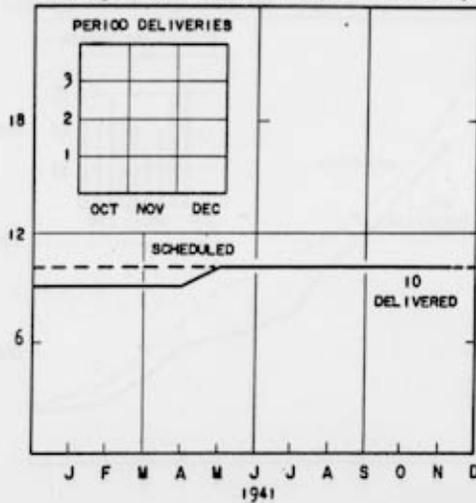


613 OBSERVATION
590 by 1941 - 23 in 1942



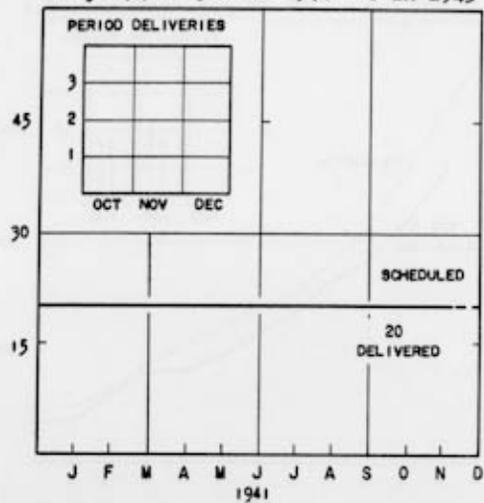
ARMY PROJECT AIRPLANES

173 PURSUIT FIGHTER
10 by 1941 - 86 in 1942 - 77 in 1943

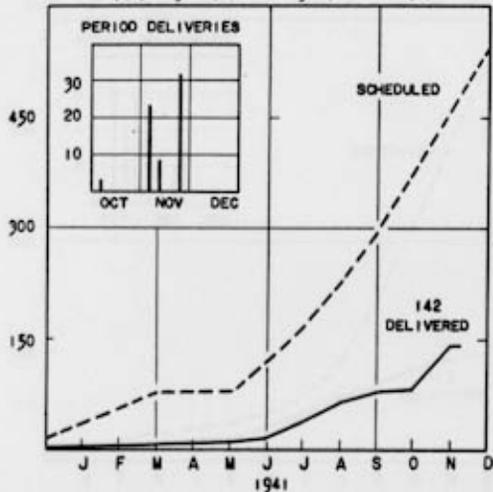


ARMY INSTALLATION ENGINES

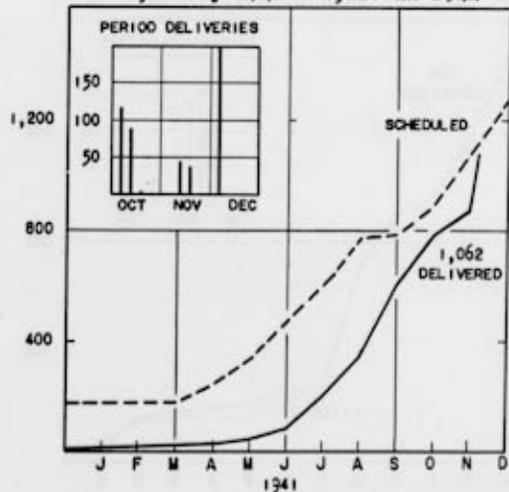
346 PURSUIT FIGHTER
20 by 1941 - 318 in 1942 - 8 in 1943



1,686 PURSUIT INTER., 2 ENG.
539 by 1941 - 1,147 in 1942

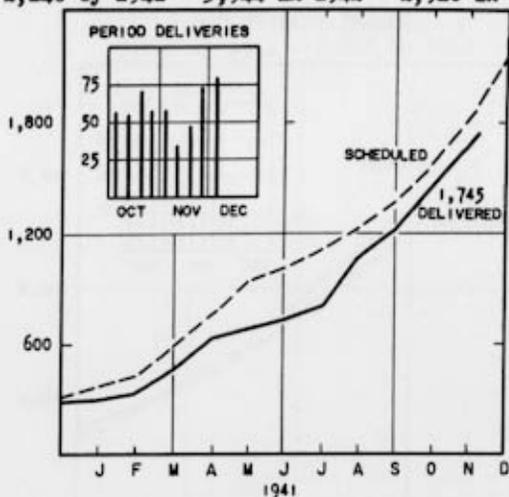


3,372 PURSUIT INTER., 2 ENG.
1,262 by 1941 - 2,110 in 1942



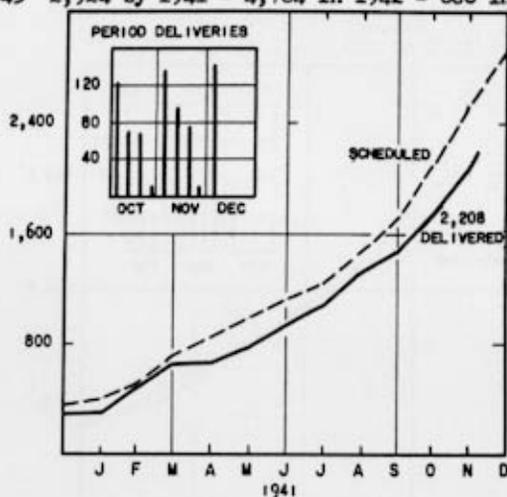
ARMY PROJECT AIRPLANES

8,994 PURSUIT INTER., 1 ENG.
2,140 by 1941 - 3,944 in 1942 - 2,910 in 1943

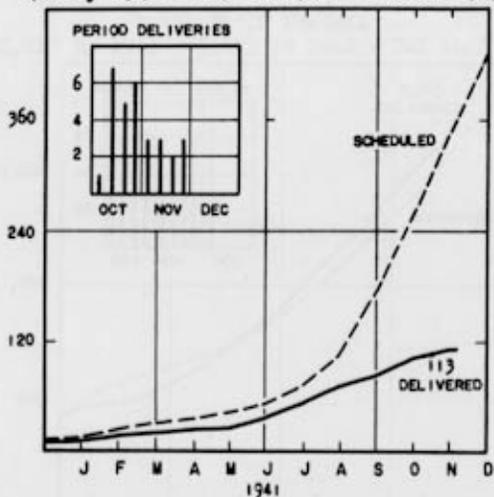


ARMY INSTALLATION ENGINES

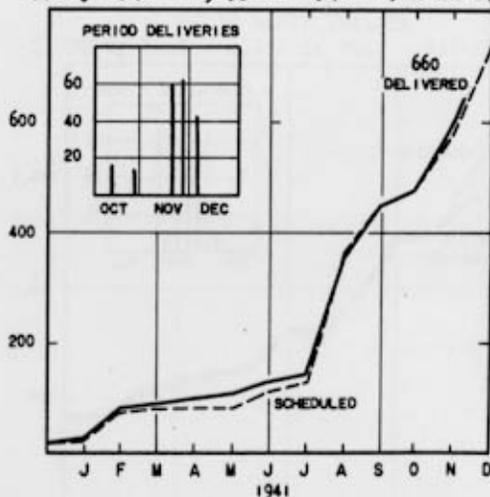
8,394 PURSUIT INTER., 1 ENG.
2,924 by 1941 - 4,784 in 1942 - 686 in 1943



1,361 TRANSPORT
428 by 1941 - 663 in 1942 - 270 in 1943

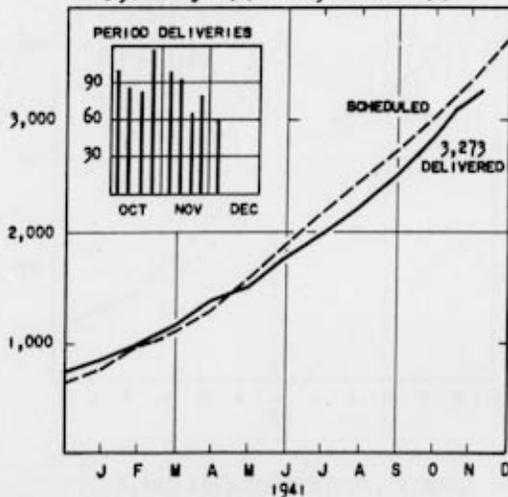


2,818 TRANSPORT
753 by 1941 - 1,153 in 1942 - 912 in 1943



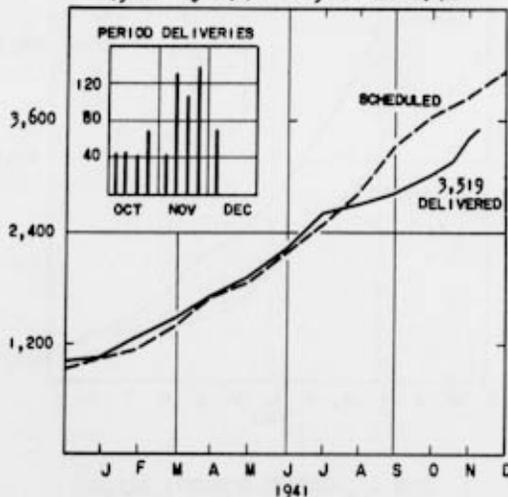
ARMY PROJECT AIRPLANES

5,940 PRIMARY TRAINER
3,720 by 1941 - 2,220 in 1942

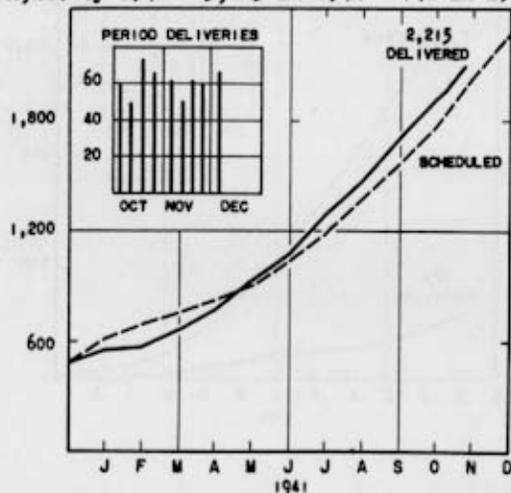


ARMY INSTALLATION ENGINES

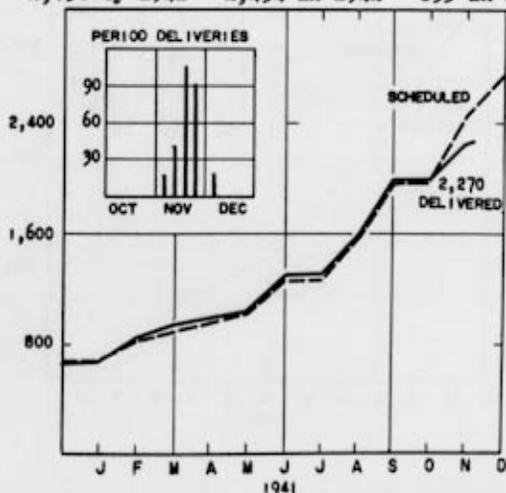
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,123 in 1942 - 741 in 1943

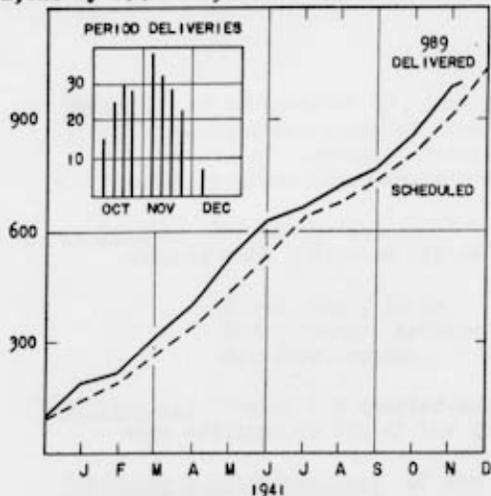


6,037 BASIC TRAINER
2,730 by 1941 - 2,454 in 1942 - 853 in 1943



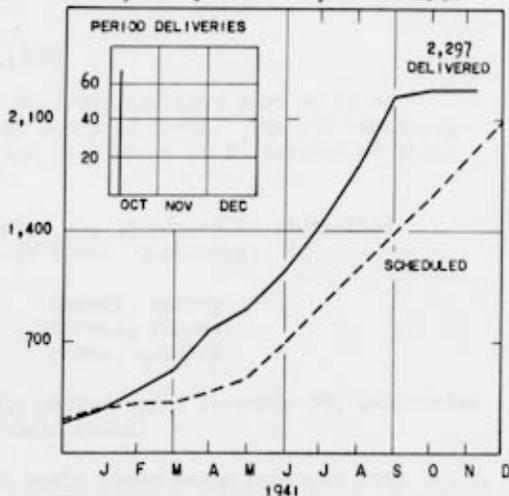
ARMY PROJECT AIRPLANES

3,657 ADVANCE TRAINER, 1 ENG.
1,028 by 1941 - 1,801 in 1942 - 828 in 1943

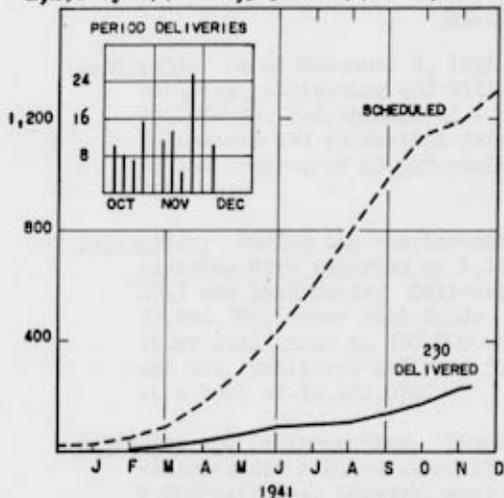


ARMY INSTALLATION ENGINES

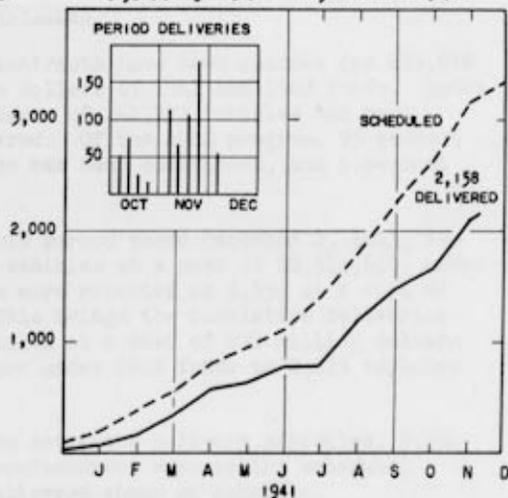
3,297 ADVANCE TRAINER, 1 ENG.
2,085 by 1941 - 1,212 in 1942



3,682 ADVANCE TRAINER, 2 ENG.
1,290 by 1941 - 2,303 in 1942 - 89 in 1943



6,164 ADVANCE TRAINER, 2 ENG.
3,344 by 1941 - 2,820 in 1942



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - December 18, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of November 30, complete delivery has been made on 11 of 163 basic items procured from 1941 and 1942 funds. The 152 remaining items are 85 percent contracted and an average of 53 percent of their total programs has been procured.

Contracts: For the period ended November 30, increases in contracted amounts were indicated for 12 basic items, including:

Cloth, wool, 18 oz.	Razors, safety
Duck, cotton, tentage	Shirts, flannel
Mattress, cotton	Shoes, service

Deliveries: During the quarter-monthly period ended November 30, deliveries were effected on 109 of the 163 basic items.

Schedules & Delinquencies: Of the 163 basic items being procured from F. Y. 1941 and F. Y. 1942 funds, 58 are delinquent; however, only 21 items are more than 10 percent delinquent.

MOTOR VEHICLES

Contracts: As of December 8, 1941, contracts have been awarded for 285,538 vehicles, obligating 400 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,172 vehicles has been contracted and 83 percent delivered. Of the 1942 program, 95 percent of the program of 45,547 vehicles has been contracted, and 5 percent delivered.

Deliveries: During the quarter-monthly period ended December 8, 1941, deliveries were reported on 6,196 vehicles at a cost of \$8,514,616, under 1941 and 1942 funds. Deliveries were reported on 5,558 at a cost of \$7,884,385, under 1941 funds. This brings the cumulative deliveries under 1941 funds to 200,600 vehicles at a cost of 271 million dollars and the cumulative delivery figure under 1942 funds to 2,129 vehicles at a cost of \$3,255,074.

Schedules and Delinquencies: Based on estimated delivery schedules, 6,584 vehicles distributed among 15 manufacturers were behind schedule; 4,840 vehicles, however, were delivered ahead of schedule.

TEXT SUMMARY - QUARTERMASTER CONSTRUCTION - December 18, 1941

Source of Information: Statistics Branch, Office of the Quartermaster General

Obligations: As of November 30, 1941, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 2,010 million dollars or 79 percent of the estimated total cost. Ninety-four percent of the 1941 program and 46 percent of the 1942 program have been obligated.

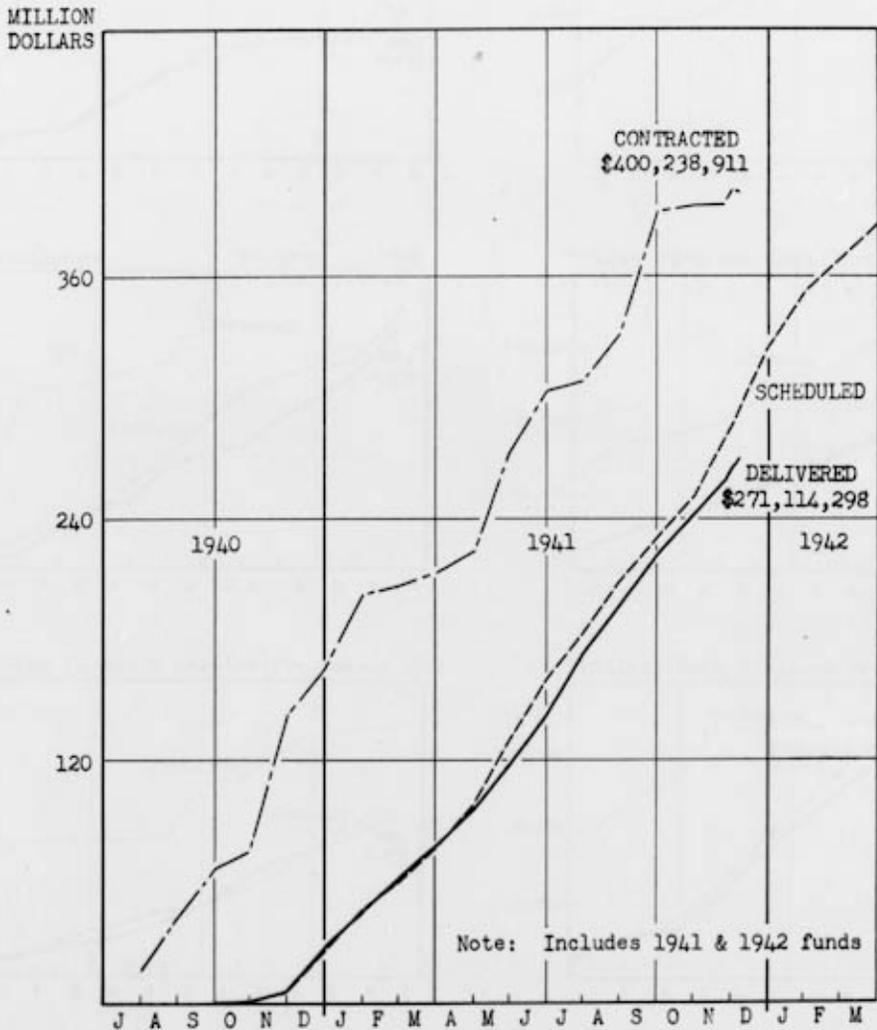
Construction in Place: Construction in place for combined 1941 and 1942 programs amounts to 1,788 million dollars or 70 percent of the currently estimated cost. Of the 604 projects currently authorized:

257	projects	are	100%	complete
74	"	"	from 95 to 99%	complete
84	"	"	from 76 to 94%	complete
53	"	"	from 51 to 75%	complete
42	"	"	from 26 to 50%	complete
68	"	"	from 1 to 25%	complete
26	"	"	not	started

Schedules and Delinquencies: Of the 247 projects from 1 to 94 percent complete, 100 are ahead of schedule, 76 are on schedule and 71 are behind schedule. Value of construction in place, however, is less than one percent ahead of scheduled construction.

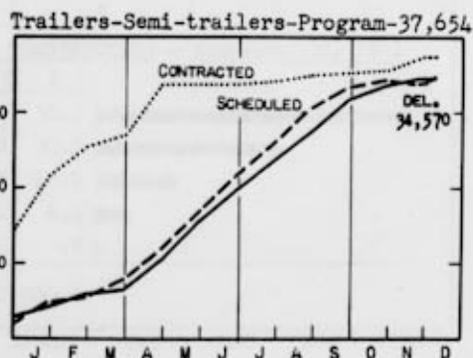
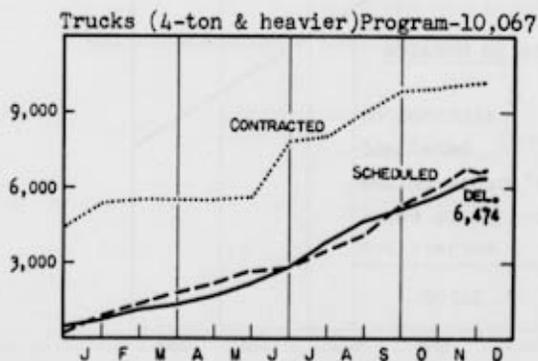
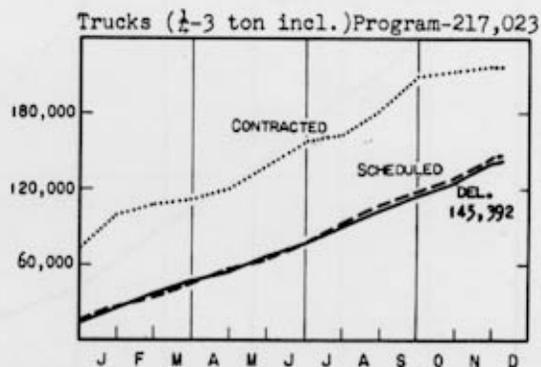
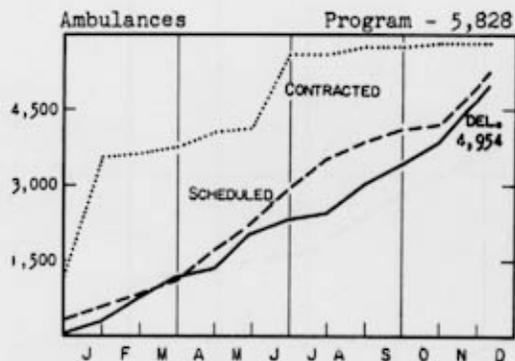
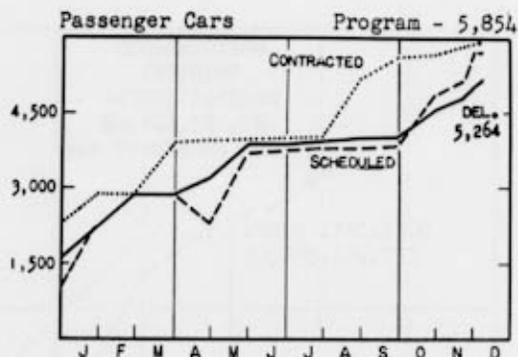
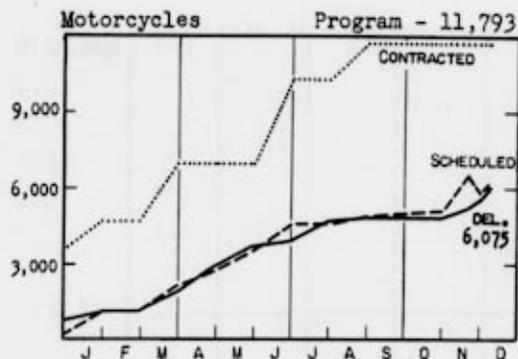
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - December 8, 1941

Source of Information: Office of the Quartermaster General - Statistics Branch, OUSW



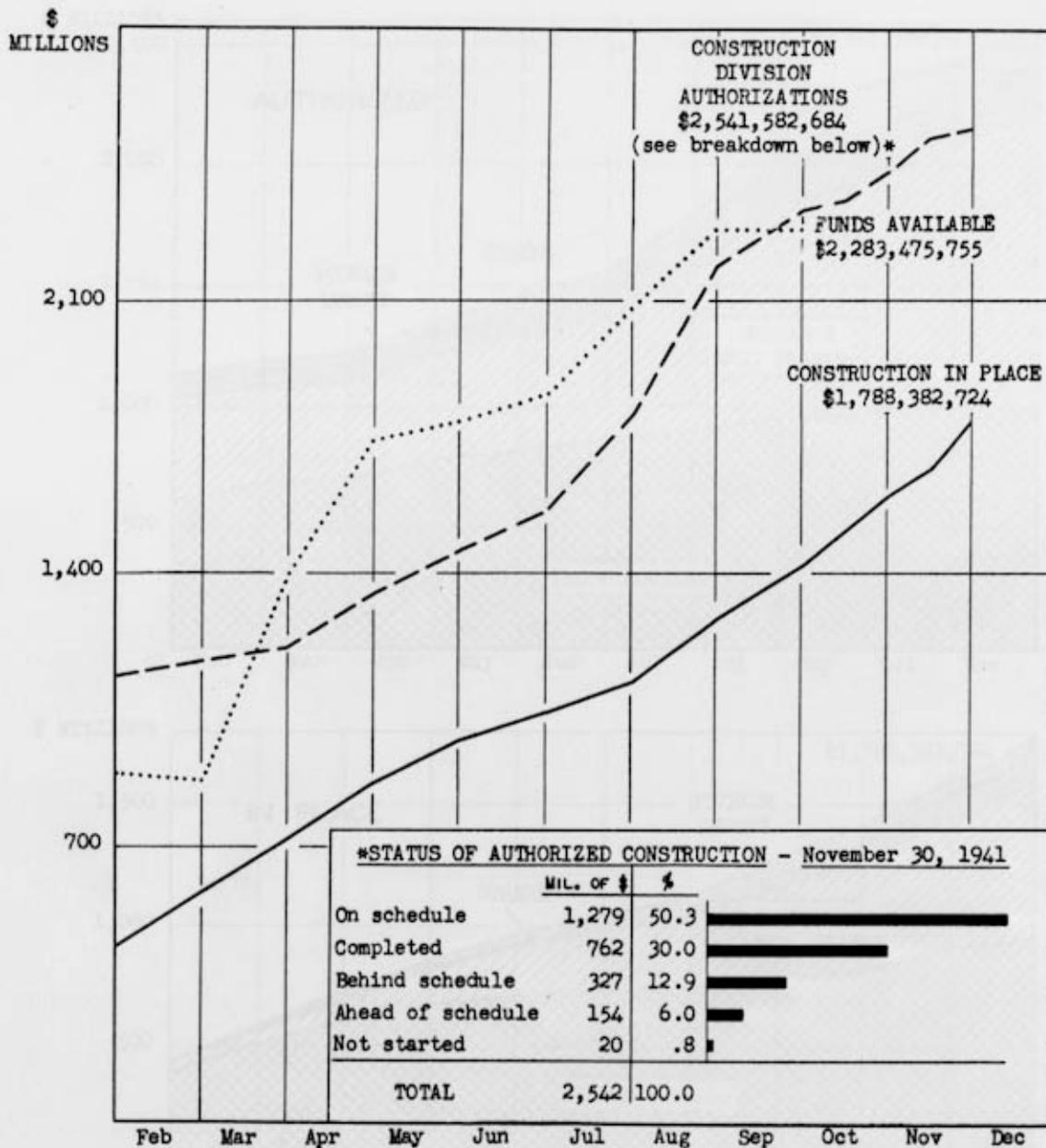
Q. M. C. - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 & 1942 - Dec. 8, 1941

Source of Information: Statistics Branch, Office of the Quartermaster General



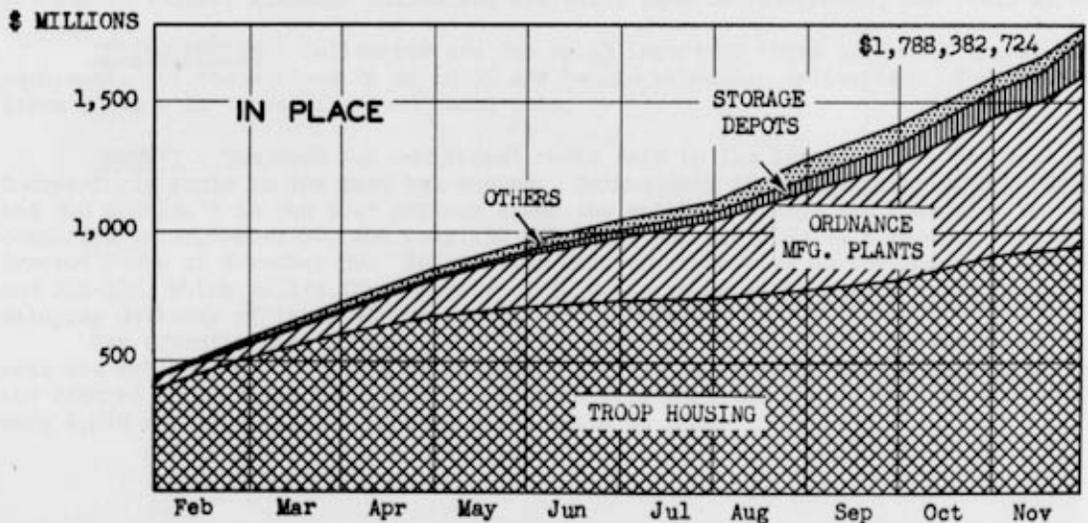
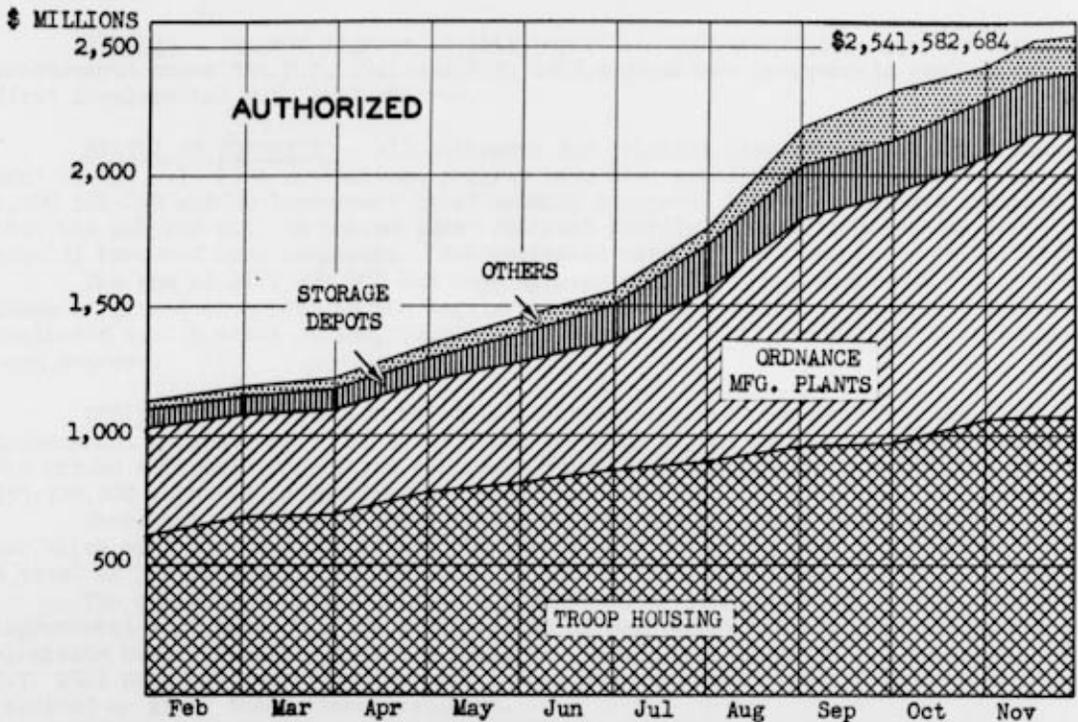
Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - November 30, 1941

Source: Construction Division, Office of the Quartermaster General



STATUS OF QUARTERMASTER CONSTRUCTION - November 30, 1941

Sources: Statistics Branch, Office of the Quartermaster General



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - DECEMBER 13, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division

PROGRAM - Program figures in this report include quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 expenditure programs to include the First Supplemental F.Y. 1942 program.

STATUS OF CONTRACTS - All contracts for critical items of Signal Corps equipment on the F.Y. 1941 expenditure program have been awarded except contracts for 1,500 SCR-288 and 20 Instrument Blind Landing Equipment SCR-251. Reports indicate that the SCR-288 will be placed under contract shortly. Specifications for the SCR-251 have not been completed. The estimated cost of these two items is \$1,745,000.

The sum of \$177,981,000 has been appropriated for the procurement of critical items of ground equipment in the Regular and First Supplemental F.Y. 1942 programs. Contracts with a value of \$84,376,000 or 47.4% of the total amount appropriated have been awarded.

DELIVERIES - Deliveries of critical items of ground equipment on the F.Y. 1941 procurement program now total \$59,379,000 or 62.8% of the total of contract awards for ground equipment under this program. This total compares with deliveries of \$57,909,000 reported in the previous weekly report.

There are 22 types of ground radio sets on the F.Y. 1941 program, contracts for which have not been completed. Deliveries are now being made on 20 of these types. A total of 312 sets was received on 10 of these types last week.

The delivery of ground signal equipment other than radio sets showed further improvement last week, but the acceleration of deliveries has not been sufficient to eliminate numerous delinquencies. There are 30 of these items on the F.Y. 1940 and F.Y. 1941 programs, contracts for which have not been completed. Deliveries were received on 15 of these items last week.

Deliveries of ground equipment on the F.Y. 1942 procurement programs are not yet due in volume, although deliveries are being made on Telephones, and Field Wire.

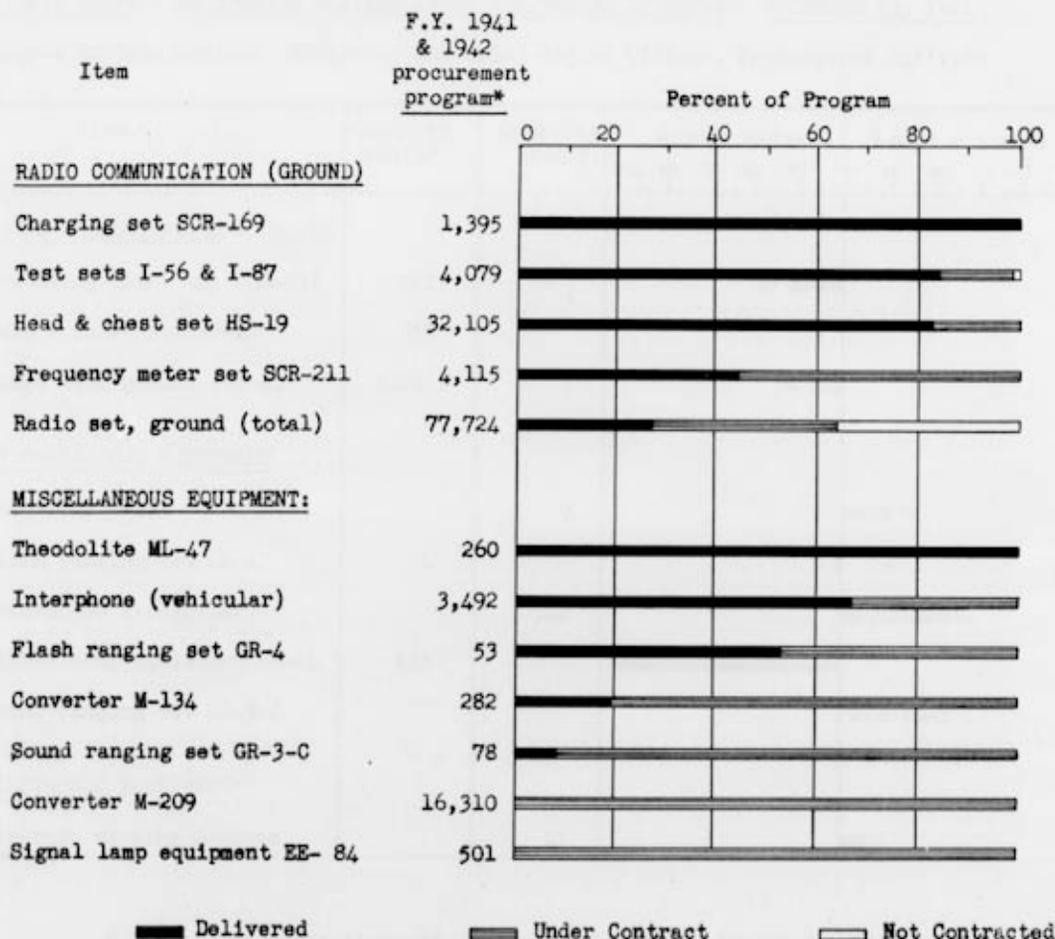
DELINQUENCIES - Deliveries are due on 43 important items of ground signal equipment. Of these items 26 or 60.5% are behind scheduled deliveries. The delinquent items include 11 types of ground radio sets.

COMMENT - The need for additional radio sets in the Armored Force has become increasingly acute in the past two months. Delinquency in the delivery of 400 SCR-293's and 800 SCR-294's is the most serious since the entire contract was scheduled to be completed on September 30, and only 132 SCR-193's and 240 SCR-294's were on hand in the Armored Force on November 30. In addition delivery schedules on the SCR-508, SCR-528 and SCR-538, which called for delivery of 90 units in December have been revised, further delaying delivery of these 90 radio sets by one month.

The effectiveness of tanks and combat vehicles is materially lessened when radio sets are not available. It is noted that a serious delinquency exists at present in the Armored Force where requirements of radio sets for vehicles on hand as of November 30 were 4,018 units compared with only 2,165 units on hand.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - DECEMBER 13, 1941

Source of Information: Office of the Chief Signal Officer, Procurement Division



* Quantities in excess of program figures include procurement for other Services and special requirements.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - DECEMBER 13, 1941

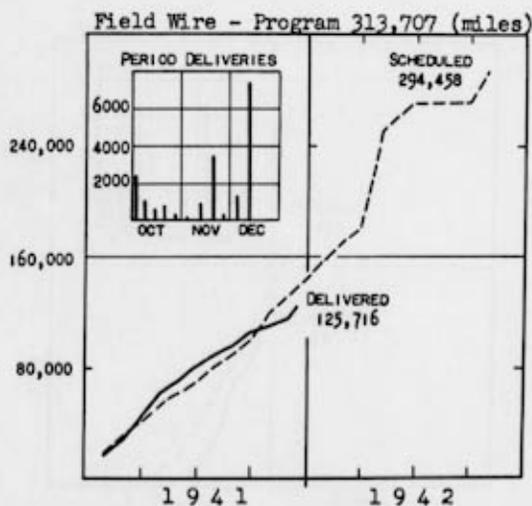
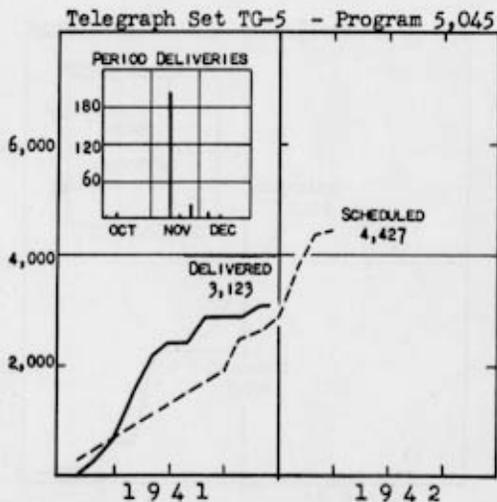
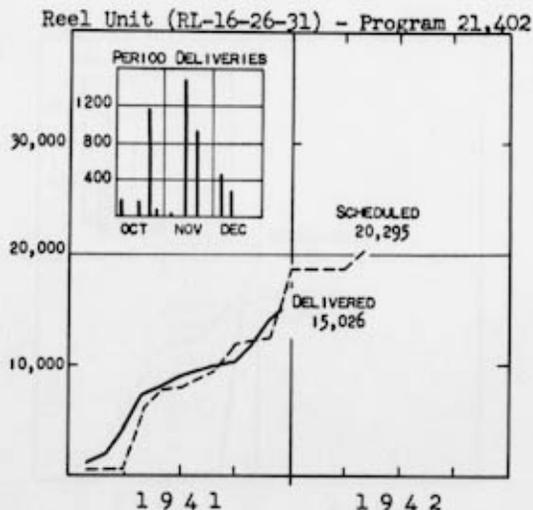
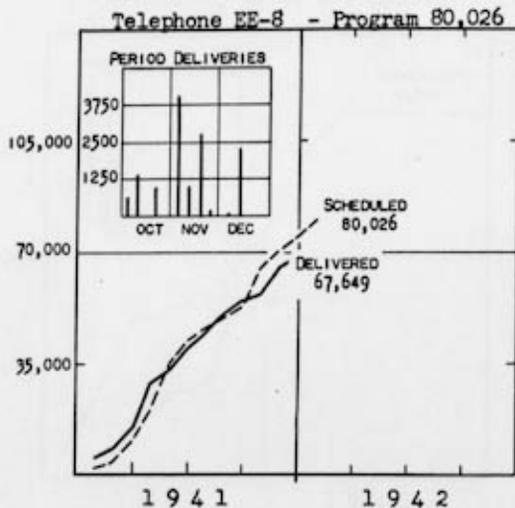
Source of Information: Office of the Chief Signal Officer, Procurement Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>RADIO COMMUNICATION - GROUND</u>												
Frequency meter set SCR-211	611									25		
Head & Chest set HS-19	358									1		
Radio set, ground (total)	3,491									14		
<u>MISCELLANEOUS EQUIPMENT</u>												
Converter M-134		9										20
Flash ranging set GR-4	1									3		
Interphone (vehicular)		741										46
Signal lamp equipment EE-84	428						100					
Sound ranging set GR-3-C												ON SCHEDULE
<u>ELECTRONIC EQUIPMENT*</u>												
Aircraft warning devices		41										10

* There are other items of ground Electronic Equipment on which deliveries are not yet due.

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - DECEMBER 13, 1941

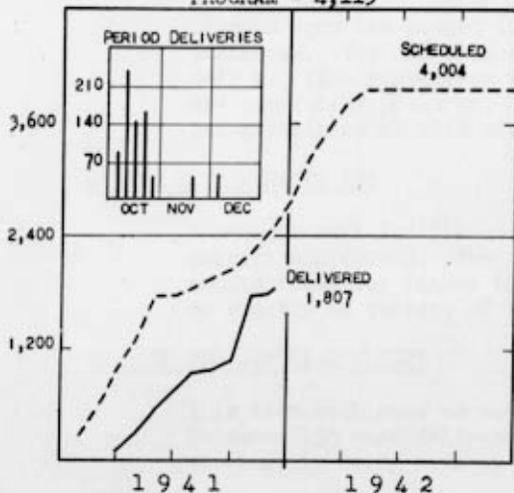
Source of Information: Procurement Division, Office of the Chief Signal Officer



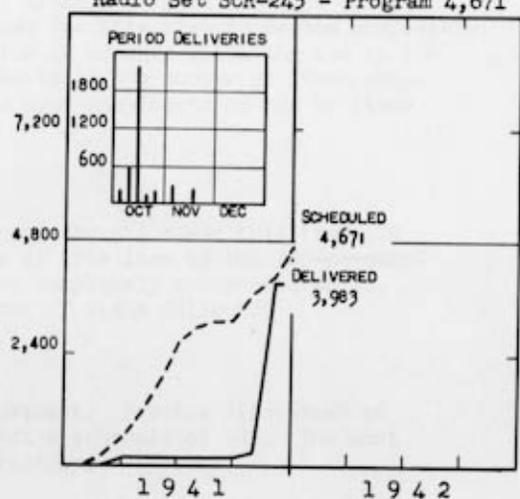
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
DECEMBER 13, 1941

Source of Information: Procurement Division, Office of the Chief Signal Officer

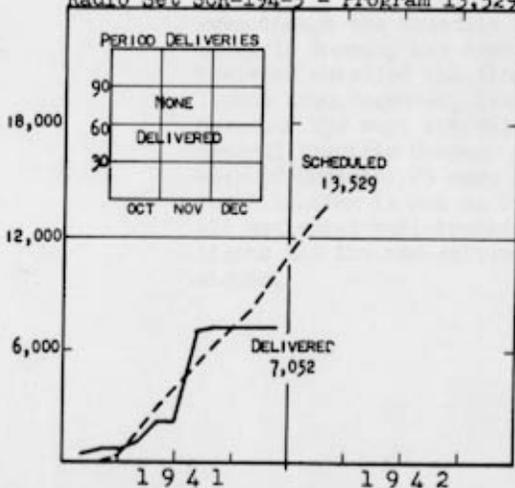
Frequency Meter Set SCR-211
 PROGRAM - 4,115



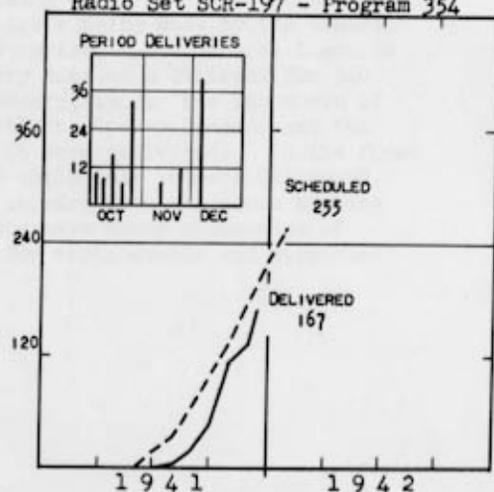
Radio Set SCR-245 - Program 4,671



Radio Set SCR-194-5 - Program 13,529



Radio Set SCR-197 - Program 354



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH DECEMBER 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

CHANGE IN REQUIREMENTS

A decrease in the number of steel trestle bridges required for the planned army has caused the program for this item to become completely delivered. The old program was for 12 bridges while the new is for only 8. This completion increases to 12 the number of items which are completely procured. This is over one-fourth of the 45 items being followed by this office.

STATUS OF CONTRACTS LET

A new contract for 110 one-half yard shovels makes this item 100 percent contracted. The addition of this item to the 100-percent-contracted-group raises the number completely contracted to 27, or exactly 60 percent of the number of items followed.

TRAILER FOR 60" SEARCHLIGHT

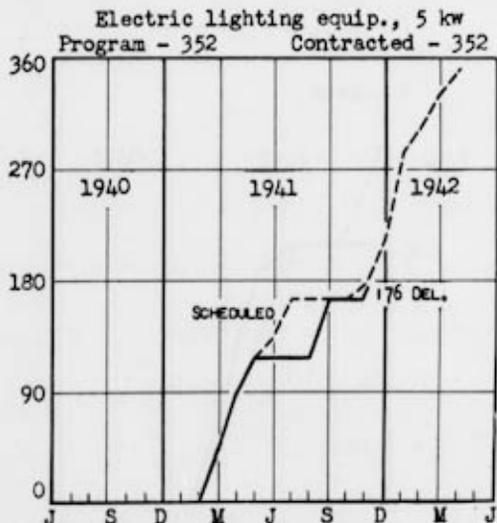
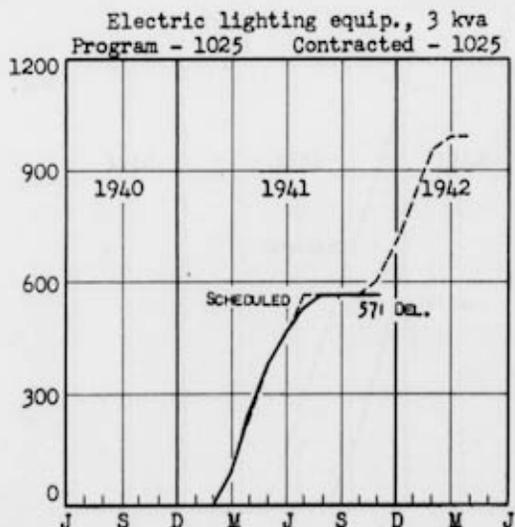
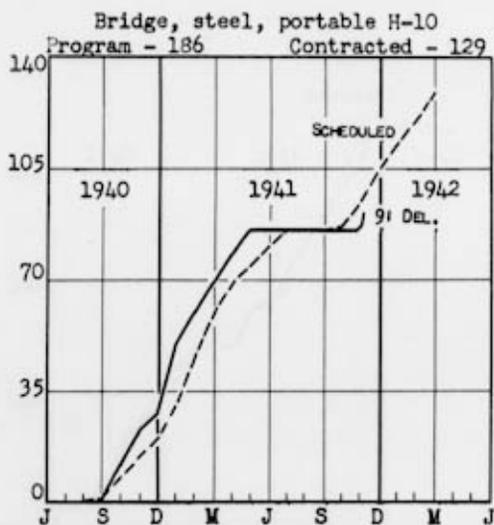
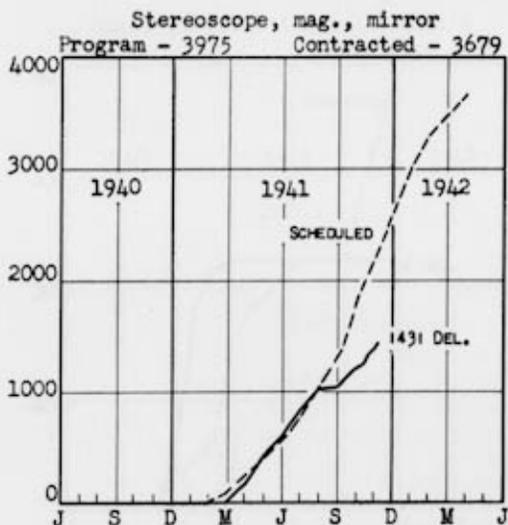
This item continues to show improvement. For the first week of December 156 were delivered against a schedule of 125. The past shortage is being made up quite rapidly.

60" ANTI-AIRCRAFT SEARCHLIGHT

Delivery of searchlights is continuing to be slow and behind schedule even though the schedule for the lights being made by the General Electric Company has been recently revised. The General Electric revision extended the final delivery date on a contract for 510 lights from December, 1941, to February, 1942. For the month of November 138 were scheduled from both the Sperry Company and the General Electric Company and only 85 were delivered. In the first week of December, 25 were scheduled while only 14 were delivered. The situation is not as bad as it appears from the above because all activated anti-aircraft regiments have their allowances of lights and the new deliveries are for replacements and warehouse stocks.

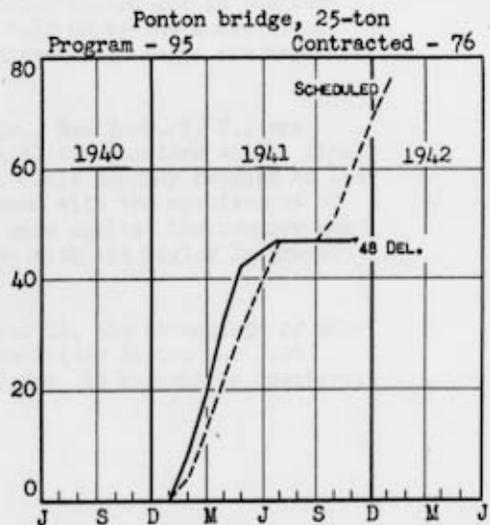
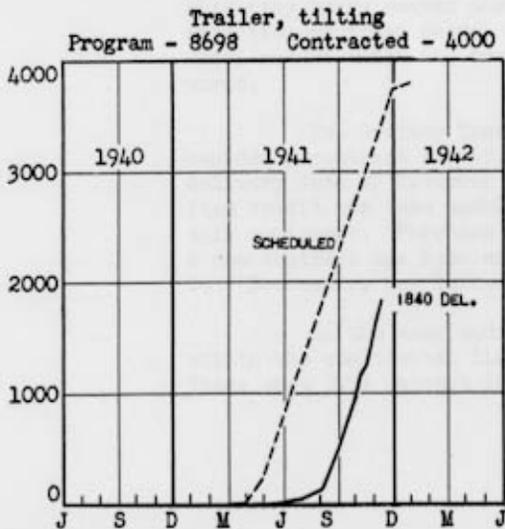
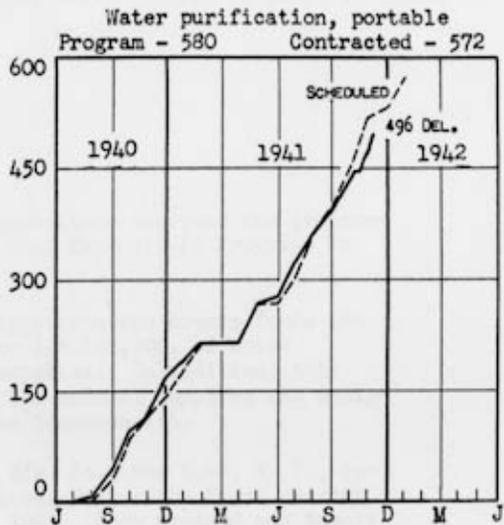
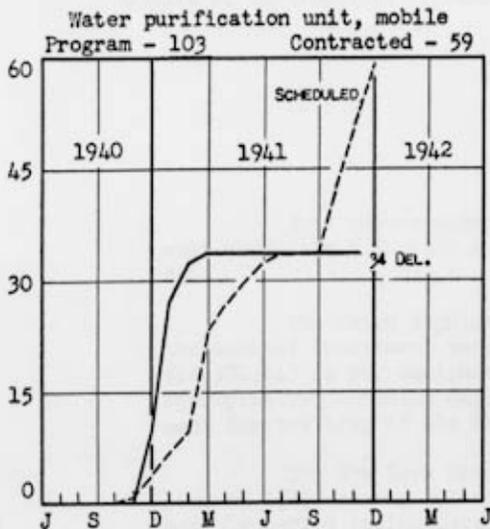
CORPS OF ENGINEERS - STATUS OF FOUR SELECTED ITEMS - December 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



CORPS OF ENGINEERS - STATUS OF FOUR SELECTED ITEMS - December 3, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED DECEMBER 20, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

This report covers all quantities approved for procurement under the F.Y. 1941 and F.Y. 1942 Expenditure Programs to date.

The Third Supplemental Appropriation covers funds for the Medical Department amounting to \$25,168,000, of which \$14,531,643 is for equipment and supplies. In addition, this appropriation contains \$4,314,050 for medical supplies and equipment for the Army of the Philippine Commonwealth.

The New York Drop Cloth Mfg. Co., New York, N. Y., delivered 1,190 canvas splint set cases, during the first quarter monthly period ending December 8, 1941. Four hundred and twenty of this item are still due on their contract delinquent since October 15, 1941. The contractor, besides having difficulties in obtaining heavy canvas duck and webbing called for in the construction of these cases, has been held up by the scarcity of metal out of which the buckles to close these cases are manufactured.

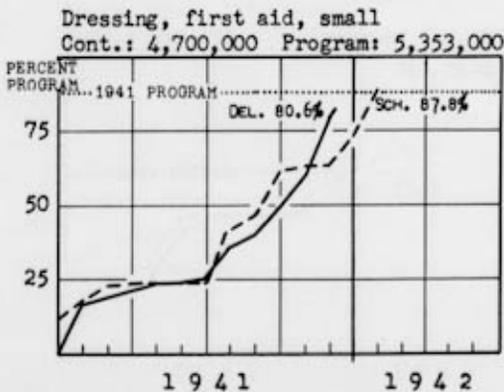
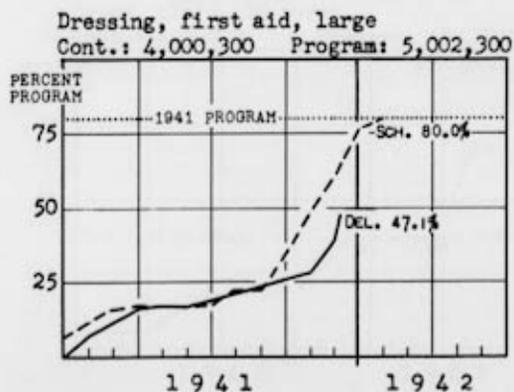
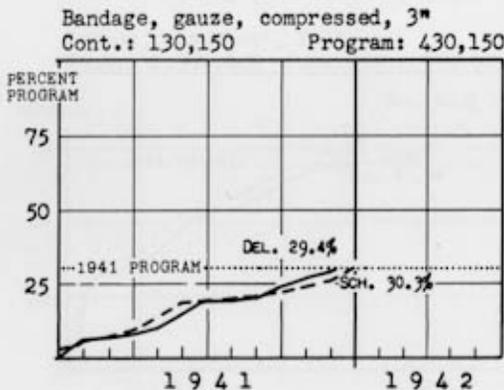
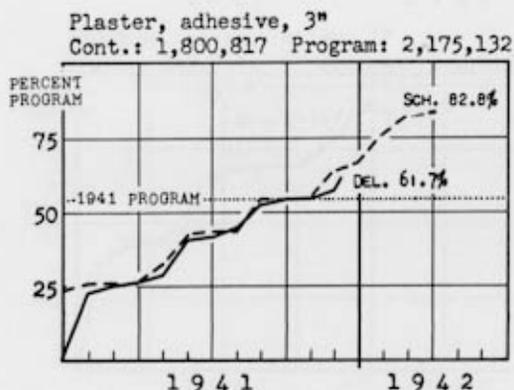
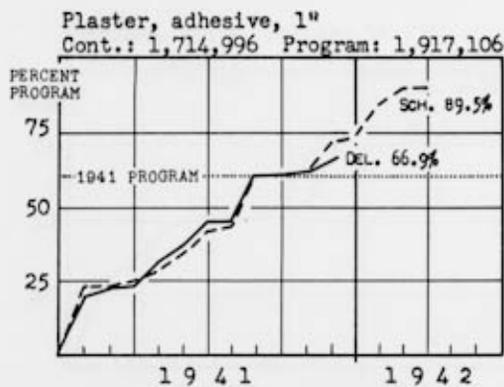
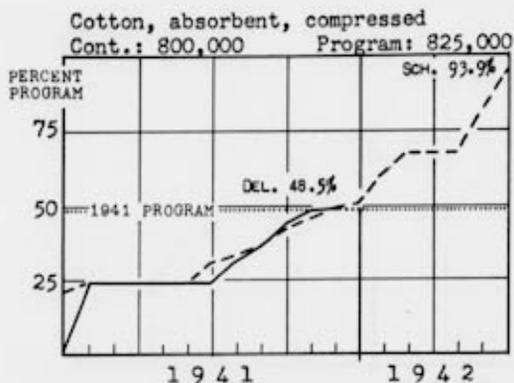
The Greiner Thermometer Co., New York, N. Y., was awarded a contract for 65,520 clinical thermometers with a final delivery date of November 29, 1941. This company because of limited credit has been unable to proceed with the manufacture of this equipment. Purchase has been made against the company and a new contract has been entered into with the Taylor Instrument Co., Rochester, New York.

In the week ending December 11, the percentage of sick within the continental limits of the United States was 3.26. There were 3.01 percent in hospital and .25 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - DECEMBER 8, 1941

Source of Information: Medical Department Procurement Progress Reports

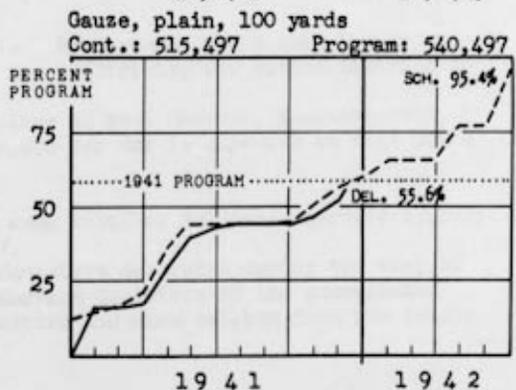
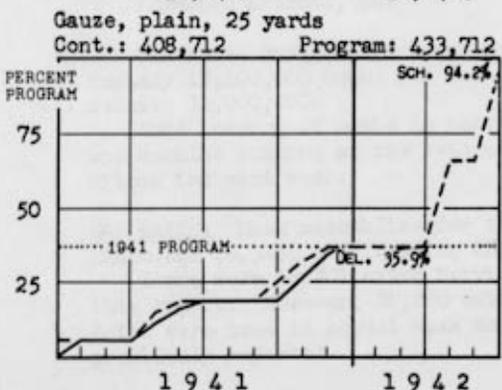
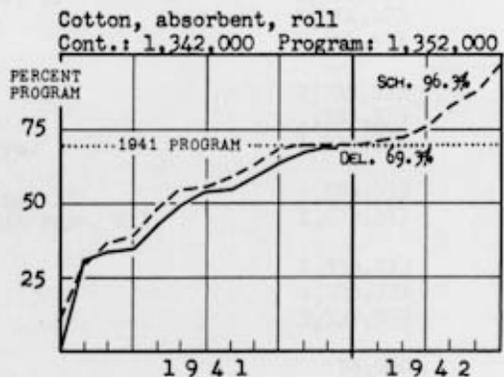
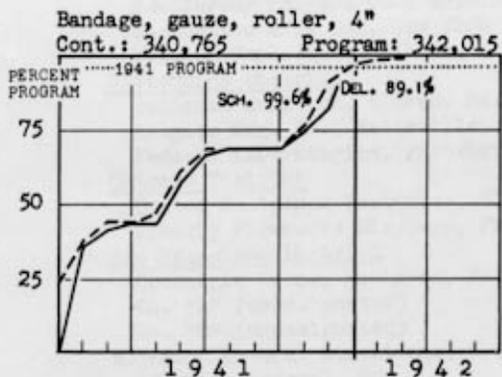
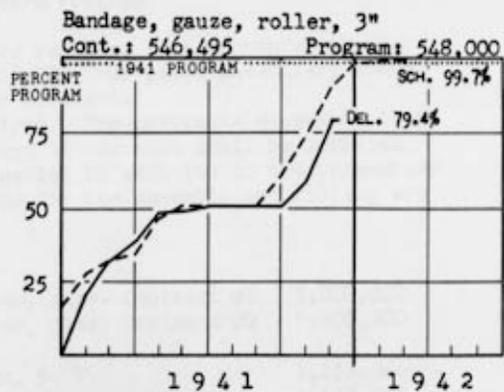
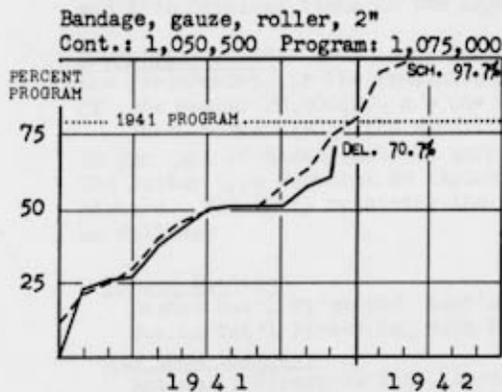
Includes both F.Y. 1941 & 1942 programs.



MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - DECEMBER 8, 1941

Source of Information: Medical Department Procurement Progress Reports

Includes both F.Y. 1941 & 1942 programs.



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS DECEMBER 12, 1941

Source of Information: Chemical Warfare Service Weekly Reports

PRODUCTION: Chemical Warfare Service reports deliveries on ten Essential and five Critical Items on the Expenditure Program.

INCENDIARY BOMBS: Additional funds were received from Ordnance covering the procurement for the remaining 74,913,935 four-pound Incendiary Bombs. Of this number 20,000,000 are now under contract.

These bombs are of the substitute type. The contracts stipulate that 80 per cent of these shall be Mark-54 and 20 per cent shall be Mark-54X. The latter type contains an explosive pellet in addition to the incendiary mixture. The firms receiving the awards for the assembly and filling are as follows:

<u>Boston District</u>	
Boston Nat'l Fireworks, West Hanover, Mass. Contract #1	1,000,000
Boston Nat'l Fireworks, West Hanover, Mass. Contract #2	3,000,000
<u>New York District</u>	
Antonelli Fireworks Inc., Rochester, N. Y.	1,153,846
New Jersey Fulgent Co., Metuchen, N. J.	1,153,846
Unexcelled Mfg. Co., New York City	1,564,103
Triumph Explosives, Elkton, Md.	1,461,538
<u>Pittsburgh District</u>	
National Munition, Eldred, Pa.	1,333,333
Kilgore Mfg. Co., Waterville, Ohio	1,333,333
Federal Laboratories, Pittsburgh, Pa.	1,333,333
<u>Chicago District</u>	
United Wallpaper Factories, Clearing, Ill.	1,333,333
Liberty Fireworks Displays, Franklin Park, Ill.	1,278,333
<u>San Francisco District</u>	
Chemurgic Corp., Richmond, Cal.	1,333,333
Co. "A" (undesignated)	1,333,333
Co. "B" (undesignated)	1,333,333
Edgewood Arsenal Educational Order	
Edgewood Arsenal, Md.	55,000

The above contracts are expansible. Procurement plans call for approximately 10,400,000 bombs for each of four districts, the Boston District to receive 32,000,000.

Hand loading of bombs is taking place at West Hanover, Massachusetts, and machine loading at the rate of 12,000 per day is expected to take place within the next week.

GAS MASKS: Mask assemblies for this week total as follows: Service 43,648; Diaphragm 19,313, and Training 28,517.

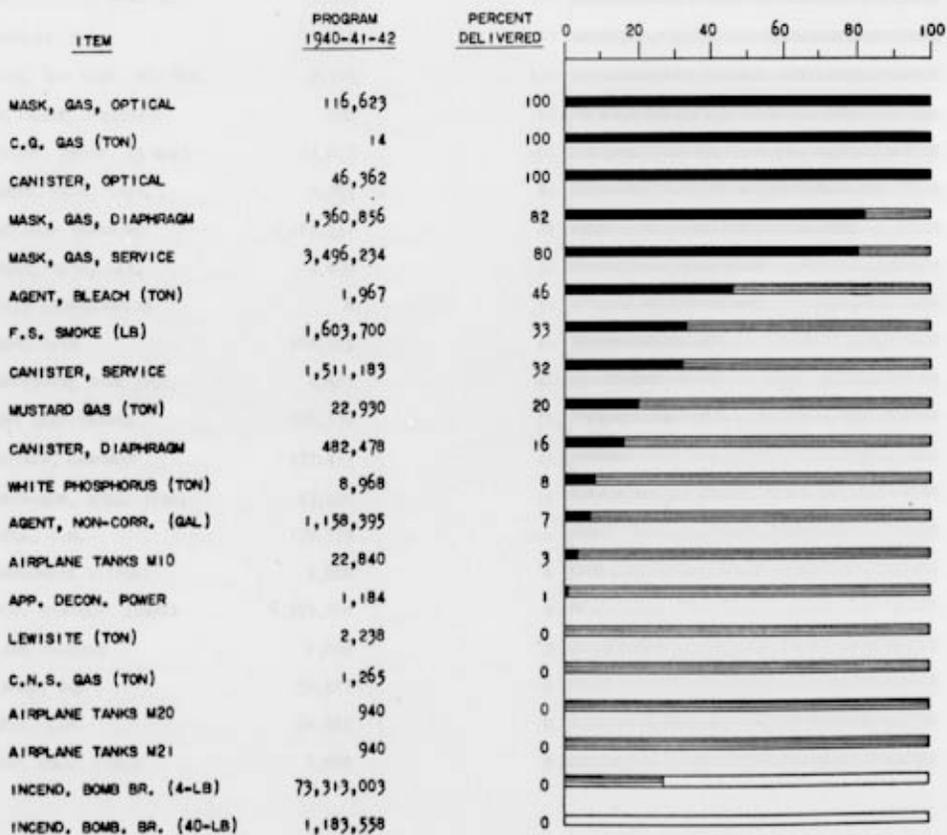
There were 16,201 extra Service Canisters delivered during the week of this report. However, 21,880 extra Service Canisters of the accumulated total were used in actual mask manufacture and were deleted from the totals previously reported.

PROCUREMENT PROGRESS - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

December 12, 1941

DELIVERED
 CONTRACTED
 NOT CONTRACTED



PROCUREMENT PROGRESS - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

December 12, 1941

DELIVERED
 CONTRACTED
 NOT CONTRACTED

