

War: Reports, Weekly Statistics: 10/25-11/8/41

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WEEKLY STATISTICAL REPORT

No. 17

RELEASED
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DIRECTOR, STATISTICS BRANCH

SUMMARY

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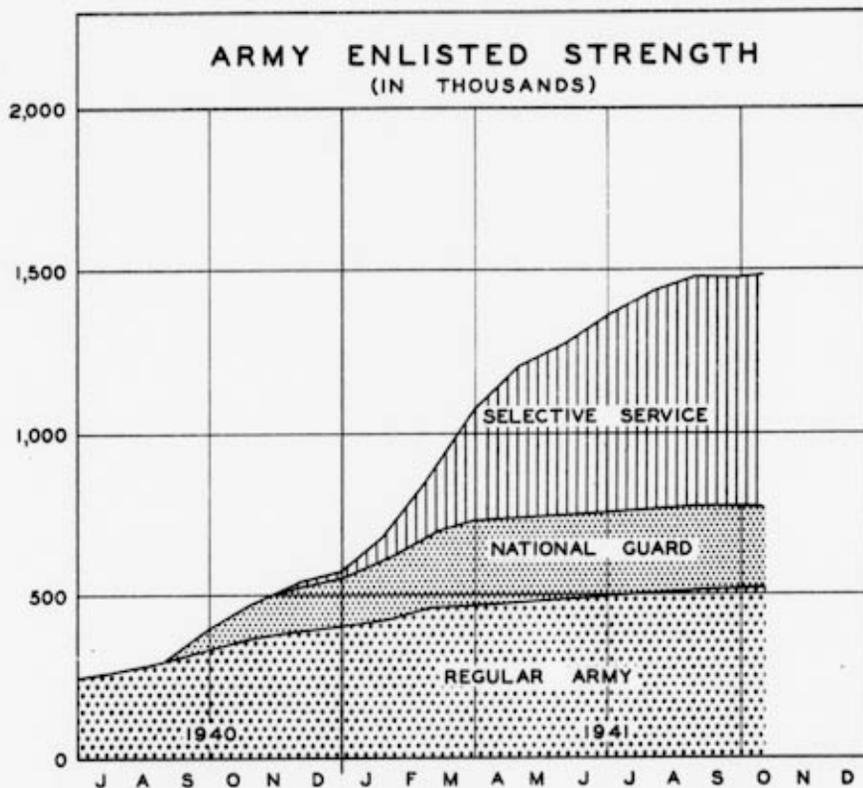
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OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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WEEKLY STATISTICAL SUMMARY
 REPORT # 17
OCTOBER 25, 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 October 20, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final estimated figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,469,792
Sep	407,613	Mar	1,068,030	Sep	1,468,554
Oct	483,218	Apr	1,205,873	Oct 20	1,480,000
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, October 23, 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, October 22, 1941

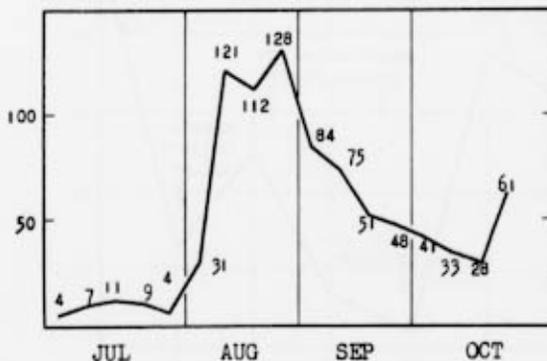
Until the proposal to revise the Neutrality Act was made, the majority of the commentators assumed that if any action were taken, it would be on the basis of total repeal. Since the proposed amendment was placed before the Congress many commentators have accepted without question the idea of revision rather than repeal. The majority, however, has emphasized the belief that the entire Act should be repealed.

All but a very small minority express the conviction that, not only has the Act failed to fulfill its original purpose of protecting our shipping, but that its restrictive provisions have actually enhanced the danger.

The incompatibility of the Neutrality Act with our policy of aid to Britain was first discussed at length shortly after the passage of the Lease-Lend bill. Since then the question of repeal has always been present, rising in volume when our ships have been attacked; lessening when the belief obtained that the Battle of the Atlantic was taking a favorable turn. Recently, all who are in favor of either revision or repeal have urged prompt action.

Concern about shortages of materials has again increased, after a decline of several weeks. Specialized economic writing shows no such decline. The decline followed the creation of SPAB, and the new rise is in no sense a criticism of the measures taken by that Board. It appears, rather, to have been caused chiefly by recent realization of the extent of the copper shortage and a fear that lack of raw materials, which was thought to exist only in relation to nondefense industry, may affect defense output as well.

CONCERN ABOUT SHORTAGES OF MATERIALS



TABULAR SUMMARY

MATERIAL SHORTAGES	Tallies
Shortages are serious	27
Inadequate for defense	3
Shutdowns growing	6
Unemployment growing	6
Cut civilian supplies	2
Cut nondefense business	6
Keep nondefense going	2
For construction cut	2
Not enough warning	5
Cut industrial waste	1
No oil shortage	1

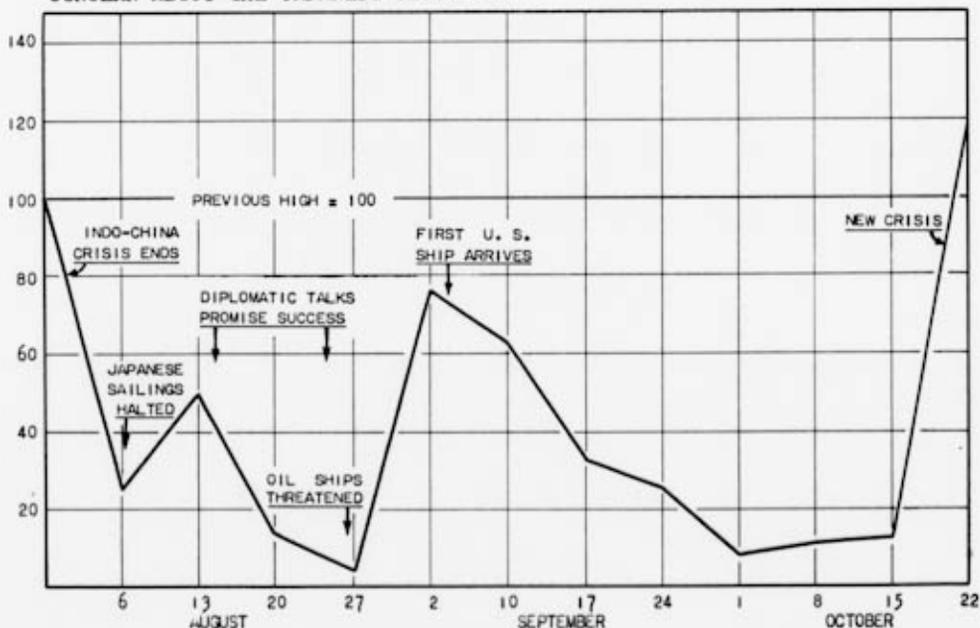
EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, October 22, 1941

PERCENT OF OPINIONS EXPRESSED

	In favor	Against	No opinion expressed
A firm attitude toward Japan	53	5	42
Curtailement of non-defense production	53	11	36
O.P.M. ruling in Carrier case	-	47	53
Total repeal of Neutrality Act	63	11	26
Order restricting new building	47	5	48

CONCERN ABOUT THE JAPANESE SITUATION



IRON AND STEEL SCRAP

Sources of Information: U.S. Bureau of Mines and Institute of Scrap Iron & Steel.

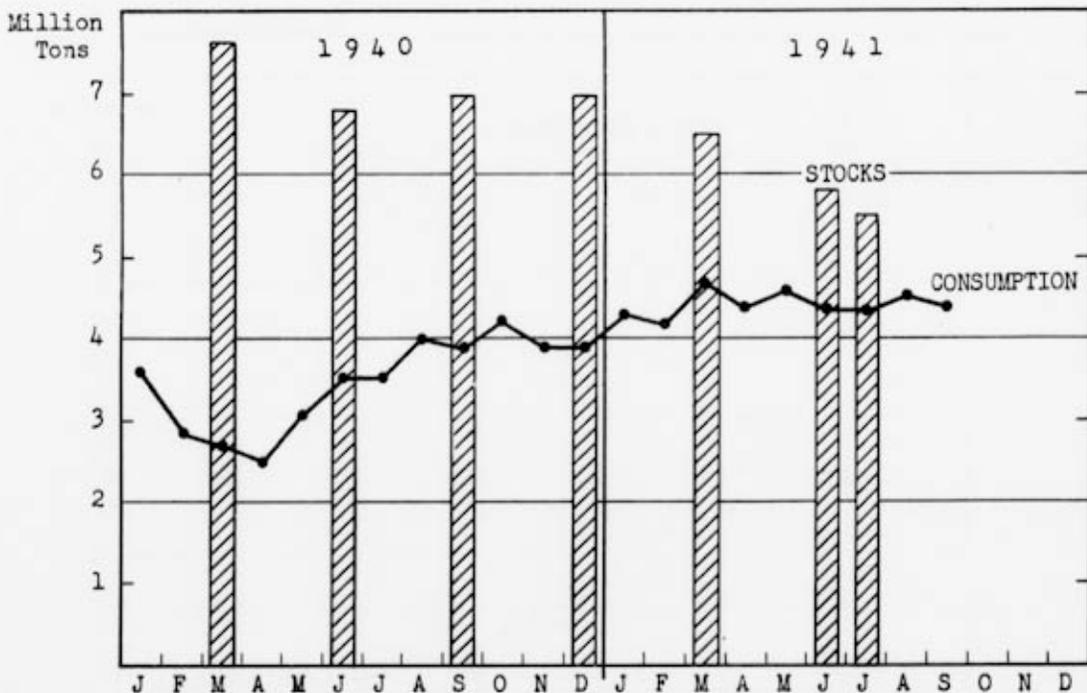
Shortage of steel scrap has resulted in a decline in steel operations for the week beginning October 20, 1941, to 97.8 percent of scheduled ingot capacity from 98.4 percent in the preceding week.

Consumption of scrap iron and steel amounted to 39,858,000 gross tons in the first 9 months of 1941, compared with 29,582,000 tons in the same period of 1940, an increase of 34.7 percent.

Exports of scrap have been curtailed during the last 2 years, and at the present time are moving only to Great Britain and the Western Hemisphere, averging less than 70,000 tons monthly during the first 8 months of 1941.

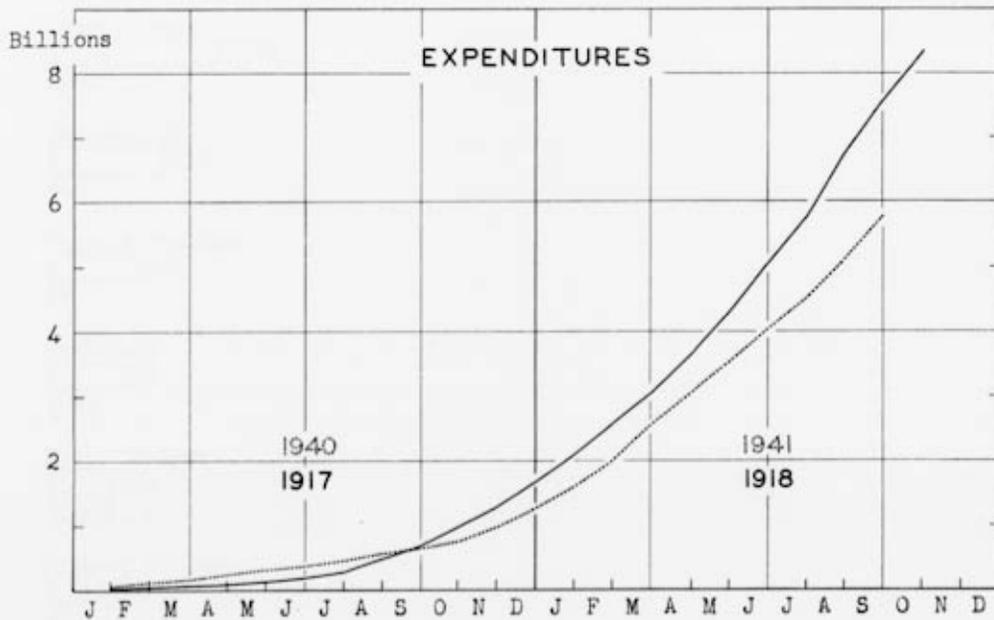
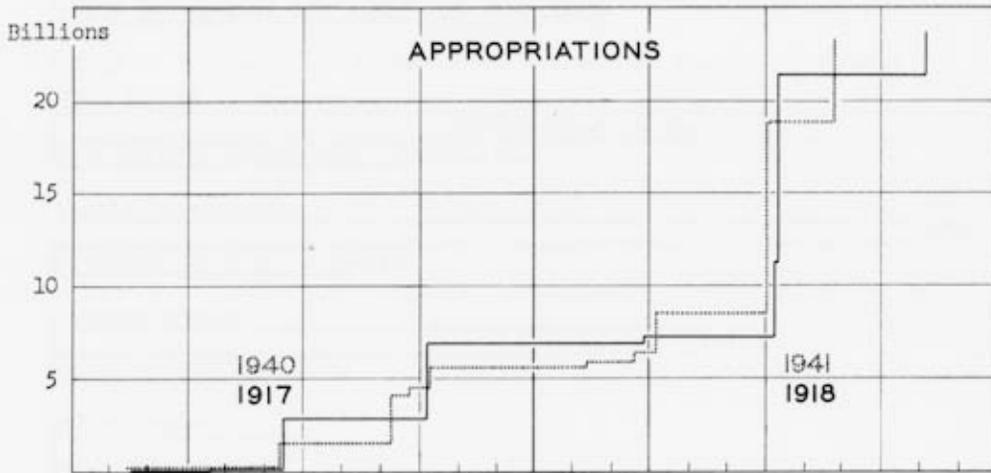
Total stocks of iron and steel scrap at consumers and suppliers plants and in transit at the end of July 1941, the latest figure available, were equivalent to only a 5-weeks' supply at the rate of consumption then prevailing. These July figures were released by the U.S. Bureau of Mines on October 18, 1941.

UNITED STATES CONSUMPTION AND STOCKS OF IRON AND STEEL SCRAP



AVAILABILITY AND EXPENDITURE OF ARMY FUNDS, 1917-18 and 1940-41

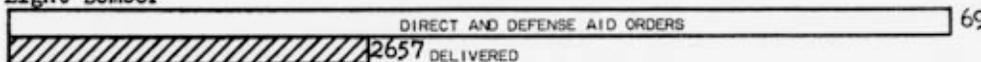
Source of Information: Financial Section, Statistics Branch, OUSW.



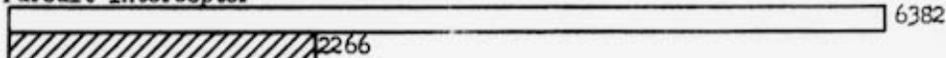
AIRPLANE PROGRAM FOR BRITAIN--OCTOBER 1, 1939 to SEPTEMBER 30, 1941
DIRECT AND DEFENSE AID ORDERS AND DELIVERIES

Source of Information: Consolidated Statistical Report - Air Corps

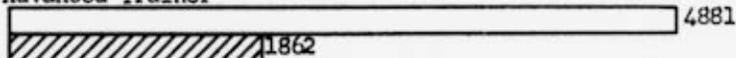
Light Bomber



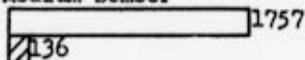
Pursuit Interceptor



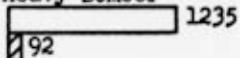
Advanced Trainer



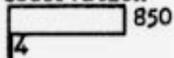
Medium Bomber



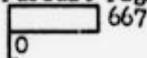
Heavy Bomber



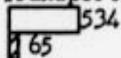
Observation



Pursuit Fighter



Transport



Basic Trainer



Primary Trainer



TEXT SUMMARY - ORDNANCE DEPARTMENT - OCTOBER 25, 1941

Source of Information: Ordnance Department and OUSW

GENERAL

Production of ordnance equipment generally, is getting under way in volume, as compared with one year ago when the letting of contracts represented the principal activity.

Special conditions affect the production of each ordnance item, such as the different priorities given to the machine tools required to produce the individual items. Furthermore, acceptances of equipment fluctuate materially from month to month while trending upward. The following comparison of the average monthly acceptances during the past three months, with those during the last five months of 1940, provides probably the clearest available picture of the progress of ordnance production:

<u>Selected Items</u>	<u>Average Monthly Deliveries</u>	
	<u>Aug. - Dec., '40</u>	<u>July - Sept., '41</u>
Machine gun, cal.30, A.C.	338	703
Machine gun, cal.50, A.C.	467	4,806
Tanks, light	52	291
Tanks, medium	1	107
Guns, 3" and 90mm A.A.	3	23
Rifle, cal.30, M1	10,218	29,243
Mortar, 60mm	154	656
Mortar, 81mm	61	248

TANKS

The final delivery date for light tanks has been deferred five months to October from May, 1942. Estimated delivery schedules of the medium tank, M3 have been increased to include the British and Canadian orders which are for 3,243 tanks in addition to the 9,248 total in the Ordnance procurement program, which includes Defense Aid.

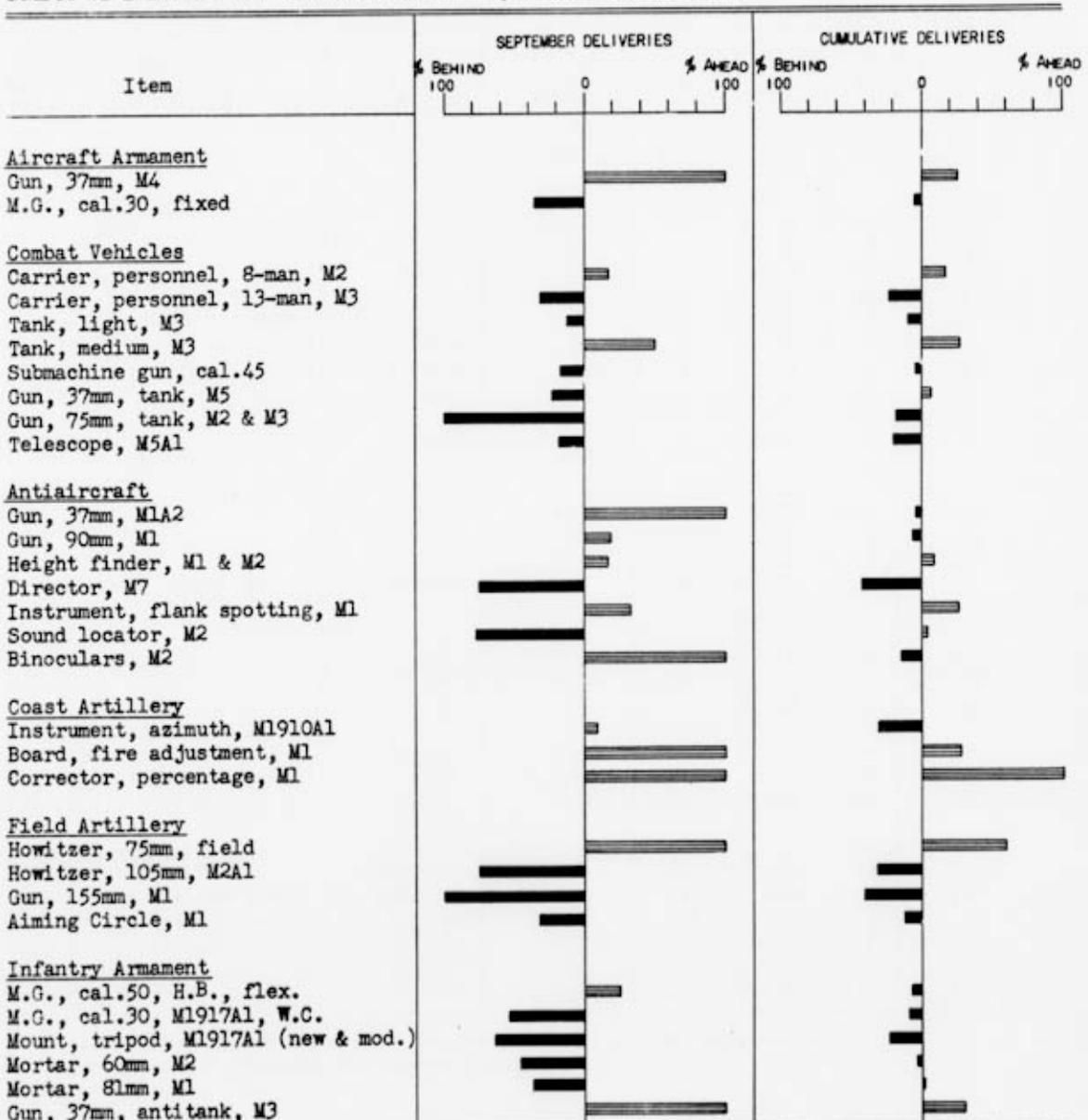
AMMUNITION

Tentative delivery schedules for the three additional small arms ammunition plants, as well as the addition to the St. Louis, Mo. plant, have been reported. The effect is to raise the cumulative total of deliveries scheduled through December, 1942, by over sixty percent.

Downward revisions have generally been made in the estimated delivery schedules through December, 1941 for artillery ammunition and bombs. These have resulted partly from increased requirements and commitments for TNT, Toluene and other bulk explosives. The number of items of artillery ammunition and bombs for which complete delivery schedules are reported has increased. The cumulative volume of these items scheduled for delivery through June, 1942 has increased slightly, and very greatly through December, 1942, when compared with previous estimates.

ORDNANCE DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program	Preliminary deliveries thru Oct. 8	Percent of total program			
			Con-tracted	Sched-uled	Due	Delivered Oct. 8
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	9,104	99	99	10	10
Machine gun, cal.50	208,590	24,085	99	99	11	12
Gun, 20mm automatic	47,663	0	100	100	0	0
Gun, 37mm automatic	2,907	130	100	100	4	4
<u>Combat Vehicles</u>						
Tank, light	5,919	1,877	80	80	33	32
Tank, medium	12,491	458	64	54	3	4
Scout car	3,440	2,633	83	83	79	77
Personnel carrier, 8-man	5,792	2,147	100	100	29	37
Personnel carrier, 13-man	5,521	794	100	100	17	14
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	113,858	89	89	40	41
Gun, 37mm, tank	14,016	3,034	100	99	20	22
Gun, 75mm, tank	9,764	172	54	54	2	2
<u>Antiaircraft</u>						
Gun, 3"	152	152 6	100	100	100	100 6
Gun, 90mm	2,284	50 6	56	56	2	2 6
Gun, 37mm	3,195	481 6	100	100	16	15 6
Machine gun, cal.50 (W.C.)	25,063	2,194	76	76	8	9
<u>Artillery</u>						
Howitzer, 75mm	1,318	221 6	73	73	14	17 6
Howitzer, 105mm	4,297	69 6	96	83	2	2 6
Gun, 155mm	493	18 6	100	100	6	4 6
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	755 6	100	71	50	57 6
Carriage, 155mm howitzer	1,580	1,106 6	91	91	71	70 6
Carriage, 155mm gun	853	166 6	100	100	24	19 6
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	291,886	71	71	21	23
Machine gun, cal.30 (Var.)	159,979b	47,533b	82b	64b	30b	30b
Machine gun, cal.50 (H.B.)	31,699b	2,805b	94b	94b	8b	9b
Gun, 37mm, antitank	9,478	975	100	99	8	10
Mortar, 60mm	11,162	5,370	100	100	49	48
Mortar, 81mm	4,705	1,455	78	78	31	31

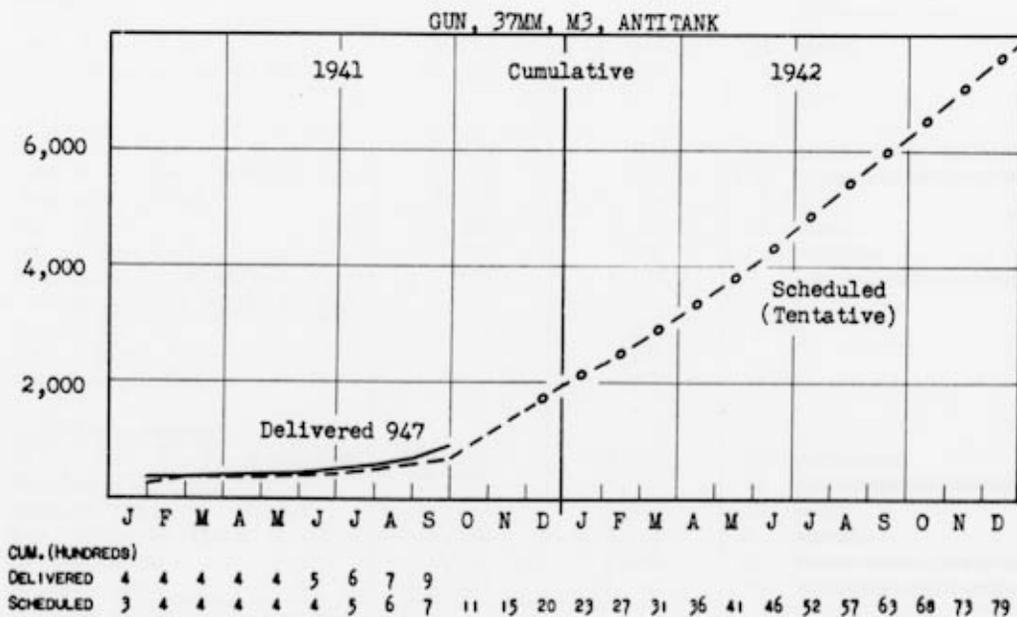
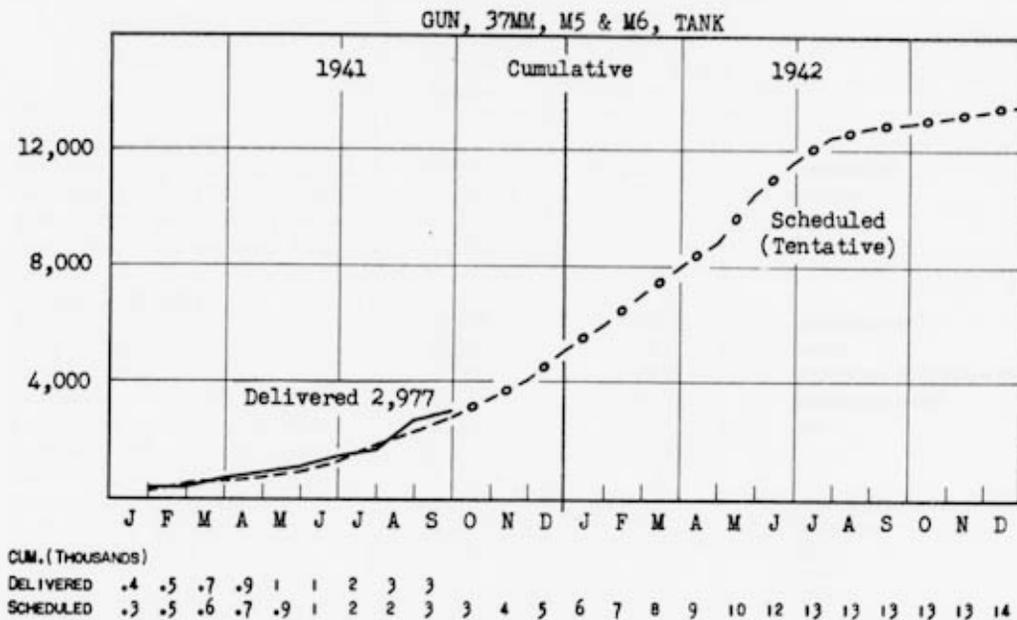
a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

~~6~~ As of September 30.

DELIVERIES AND SCHEDULES - GUNS, 37MM, TANK AND ANTITANK - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 23, 1941

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %	Percent of requirements						
				0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	33,946	11,248	33							
Machine gun, cal.50,fix.&fl.	60,531	14,936	25							
Gun, 20mm, automatic, A.C.	1,413	0	0							
Gun, 37mm, automatic, A.C.	2,021	79	4							
<u>Combat Vehicles</u>										
Tank, light	2,389	878b	37							
Tank, medium	1,046	180c	17							
Scout car	2,083	2,464d	118							
Personnel carrier, 8-man	3,413	1,647	48							
Personnel carrier, 13-man	4,517	422	9							
Machine gun, cal.30 (Var.)	30,674a	a	-							
Machine gun, cal.50 (H.B.)	5,734a	a	-							
Submachine gun, cal.45	26,705	20,011	75							
Gun, 37mm, tank	3,427	912	27							
Gun, 75mm, tank	1,020	60	6							
<u>Antiaircraft</u>										
Gun, 3" } Gun, 90mm }	1,177	558 } 52 }	52							
Gun, 37mm, A.A.		469		18						
Machine gun, cal.50 (W.C.)	17,065	1,184	7							
<u>Artillery</u>										
Gun, 75mm (H.S.)	836	802	96							
Howitzer, 75mm, field & pack	177	212	120							
Howitzer, 105mm	2,457	66	3							
Gun, 155mm	95	17	18							
Gun, 155mm (H.S.)	587	164	28							
Howitzer, 155mm (H.S.)	739	1,174	159							
<u>Unmodified & other models</u>										
Gun, 75mm	-	2,556	-							
Gun, 155mm	-	801	-							
Howitzer, 155mm	-	742	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	838,601	291,436	35							
Machine gun, cal.30 (Var.)	49,737	45,567	92							
Machine gun, cal.50 (H.B.)	14,737	2,985	20							
Gun, 37mm, antitank	4,892	1,240	25							
Mortar, 60mm	4,747	4,251	90							
Mortar, 81mm	2,340	1,771	76							

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 23, 1941

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

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,269	11,248	25					
Machine gun, cal.50,fix.&fl.	132,534	14,936	11					
Gun, 20mm, automatic, A.C.	4,253	0	0					
Gun, 37mm, automatic, A.C.	2,883	79	3					
<u>Combat Vehicles</u>								
Tank, light	4,946	878b	18					
Tank, medium	2,827	180c	6					
Scout car	4,299	2,464d	57					
Personnel carrier, 8-man	7,895	1,647	21					
Personnel carrier, 13-man	8,647	422	5					
Machine gun, cal.30 (Var.)	69,409a	a	-					
Machine gun, cal.50 (H.B.)	13,398a	a	-					
Submachine gun, cal.45	56,233	20,011	36					
Gun, 37mm, tank	7,878	912	12					
Gun, 75mm, tank	2,797	60	2					
<u>Antiaircraft</u>								
Gun, 3" }	1,856	558	33					
Gun, 90mm }		52						
Gun, 37mm, A.A.	3,055	469	15					
Machine gun, cal.50 (W.C.)	22,966	1,184	5					
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,778	802	45					
Howitzer, 75mm, field & pack	254	212	83					
Howitzer, 105mm	3,733	66	2					
Gun, 155mm	283	17	6					
Gun, 155mm (H.S.)	969	164	17					
Howitzer, 155mm (H.S.)	1,037	1,174	113					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,556	-					
Gun, 155mm	-	801	-					
Howitzer, 155mm	-	742	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,539,512	291,436	19					
Machine gun, cal.30 (Var.)	107,943	45,567	42					
Machine gun, cal.50 (H.B.)	32,146	2,985	9					
Gun, 37mm, antitank	9,523	1,240	13					
Mortar, 60mm	7,927	4,251	54					
Mortar, 81mm	4,566	1,771	39					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Deliveries thru Sep 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	169	100	83	10	8
Bomb, demo., 100#, 300#, 500#	1,687	135	78	100	10	8
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	598	122	82	100	35	20
Cartridge, 20mm	112,192	1,583	11	100	2	1
Shell, H.E., 37mm	2,098	122	90	100	18	6
Flares	901	216	41	82	27	24
Signals	2,784	702	74	99	29	25
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	507	72	70	3	3
Shell, 3", H.E.	2,269	92	82	82	5	4
Shell, 90mm, H.E.	3,057	4	58	97	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	63	100	4	4
Shell, g & s, 75mm gun	1,108	15	99	99	1	1
Shot, A.P., 75mm gun	7,888	0	22	8	0	0
Shell, H.E., 75mm how.	4,279	251	98	100	6	6
Shell, H.E., 105mm how.	19,710	62	60	57	-	-
Shell, H.E., 155mm gun	1,360	0	72	92	0	0
Charge, prop., 155mm gun	2,248	231	53	100	13	10
Shell, H.E., 155mm how.	5,080	5	84	100	-	-
Shell, g & s, 155mm how.	1,370	324	68	77	26	24
Charge, prop., 155mm how.	6,547	843	88	62	11	13
Primer, 21 gr.	12,060	299	54	85	2	2
Fuzes (all)	13,482	3,082	81	93	23	23
<u>Infantry</u>						
Cartridge, cal.30	8,505,193	564,330	78	78	7	7
Links, met. belt, cal.30	1,259,225	113,148	79	79	9	9
Cartridge, cal.45	830,395	198,615	75	75	24	24
Cartridge, cal.50	2,952,271	65,673	61	61	2	2
Links, met. belt, cal.50	3,068,633	82,744	80	80	4	3
Shot & shell, 37mm	39,896	239	49	85	-	1
Shell, H.E., 60mm	11,310	39	72	100	-	-
Shell, H.E., 81mm	4,116	116	85	100	3	3
Shell, smoke, 81mm	456	0	86	100	0	0
Gronade, H.E., frag.	2,082	409	76	100	15	20
Signals, ground & light	4,179	687	73	100	28	16
Mine, antitank	3,146	0	65	94	0	0

TEXT SUMMARY - AIRCRAFT PRODUCTION - OCTOBER 1-15, 1941

Source of Information: Materiel Division - Air Corps

UNITED STATES PRODUCTION - ALL CUSTOMERS

During the first half of October, 991 airplanes were produced by military manufacturers. This is over 50 percent of the record total September deliveries of 1,931 units. It appears that total October production will establish a further high since manufacturers usually make heavier deliveries in the latter part of the month.

There were produced thus far in October 421 combat units. Distribution of this total was:

Army	130
Defense Aid - Army	30
Navy	18
Britain	235
N.E.I.	8

The Army received 1 B-17E heavy bomber, and 13 Consolidated Liberators (B-24's) went to Britain.

ARMY PRODUCTION

Total production for the Army was up 33 percent during the first half of October over the corresponding September period. Combat deliveries were up 55 percent.

Of the 130 combat units delivered to the Army to date in October, 16 were bombers and 114 were pursuits. Some 111 pursuit interceptors were accepted but only 3 pursuit fighters.

LABOR

There has been a strike at Air Associates, Bendix, New Jersey since September 30 of an unascertained number of United Automobile Workers. The company refused the recommendation of the National Defense Mediation Board although the union accepted. The matter is now before the Executive Branch of the Government. Air Associates is a very large subcontractor of parts for Republic, Martin, Curtiss-Wright, Douglas and other plants.

A very serious threat exists at Bell Aircraft in Buffalo, producer of airplanes and spare parts. Workers have promised to stay on the job while the case is forwarded to Washington. Any cessation of production at Bell would disrupt deliveries of the important P-39D, cannon-carrying pursuit.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - OCTOBER 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

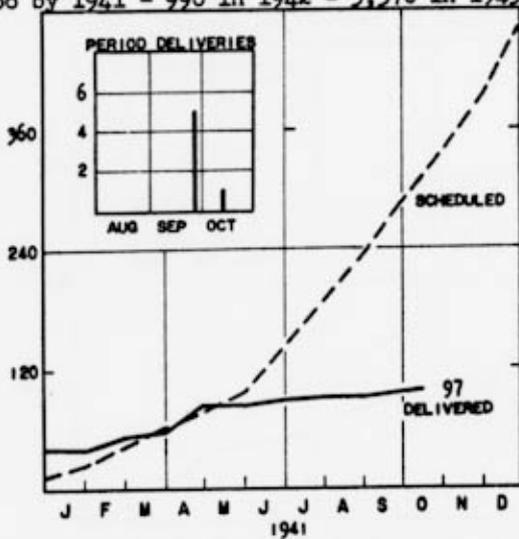
Item	Program			Under contract		Delivered 10/15/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,826	98	97	-	-
Medium bomber	4,616	1,200	5,816	4,616	79	337	-	1,200
Light bomber	1,882	150	2,032	1,382	68	225	500	150
Pursuit fighter	709	1,150	1,859	859	46	90	-	1,000
Pursuit interceptor	4,394	4,700	9,094	7,044	77	1,321	-	2,050
Observation	533	-	533	533	100	264	-	-
Transport	1,118	230	1,348	1,348	100	92	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	20,700	81	2,441	500	4,476
Primary trainer	5,490	450	5,940	5,940	100	2,684	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,780	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	804	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,532	93	145	-	250
Total Trainer	16,470	3,060	19,530	19,280	99	5,413	-	250
Grand Total	32,059	13,147	45,206	39,980	88	7,854	500	4,726
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	17,784	91	2,299	1,520	304
Medium bomber	9,232	3,200	12,432	9,228	74	1,011	4	3,200
Light bomber	3,576	150	3,726	2,576	69	1,175	1,000	150
Pursuit fighter	1,418	2,300	3,718	1,392	37	803	26	2,300
Pursuit interceptor	4,394	4,700	9,094	5,244	58	1,659	-	3,850
Observation	533	-	533	533	100	502	-	-
Transport	2,358	460	2,818	2,136	76	447	462	220
Amphibian	148	2	150	150	100	42	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	39,077	75	7,972	3,012	10,024
Primary trainer	5,490	450	5,940	5,940	100	2,923	-	-
Basic trainer	5,051	1,100	6,151	5,051	82	2,098	-	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	1,617	-	1,400
Total Trainer	19,102	4,210	23,312	20,452	88	8,935	-	2,860
Grand Total	49,779	25,646	75,425	59,529	79	16,907	3,012	12,884

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.

PROJECT AIRPLANES

4,826 HEAVY BOMBER

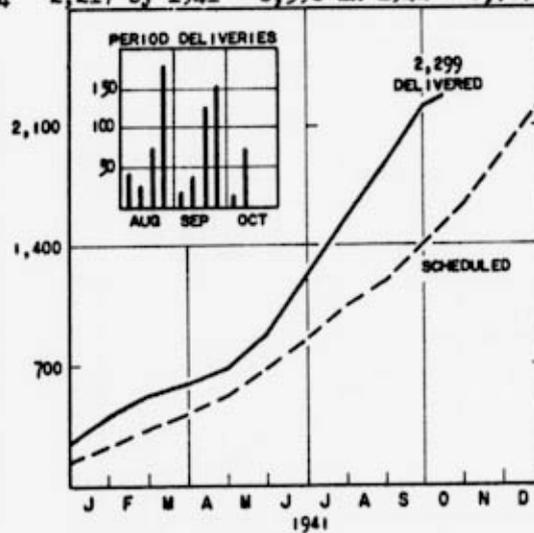
466 by 1941 - 990 in 1942 - 3,370 in 1943-44



INSTALLATION ENGINES

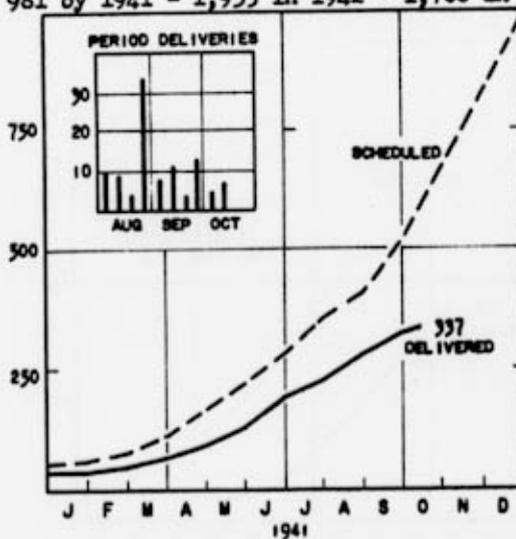
17,784 HEAVY BOMBER

2,217 by 1941 - 6,598 in 1942 - 8,969 in 1943



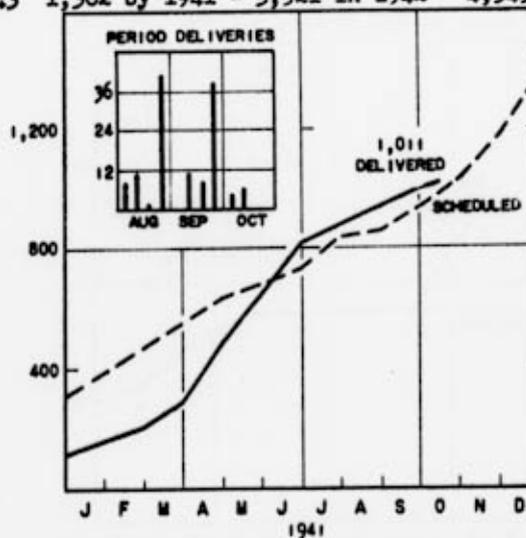
4,616 MEDIUM BOMBER

981 by 1941 - 1,935 in 1942 - 1,700 in 1943



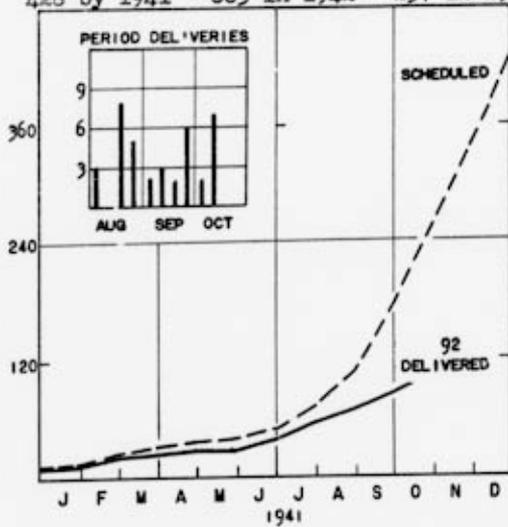
9,228 MEDIUM BOMBER

1,362 by 1941 - 3,521 in 1942 - 4,345 in 1943-44



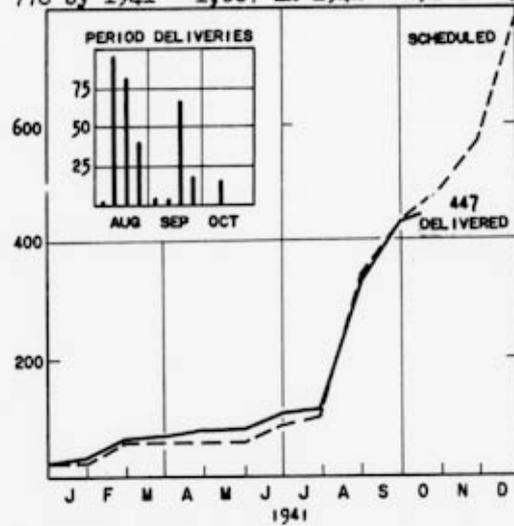
PROJECT AIRPLANES

1,348 TRANSPORT
428 by 1941 - 663 in 1942 - 257 in 1943

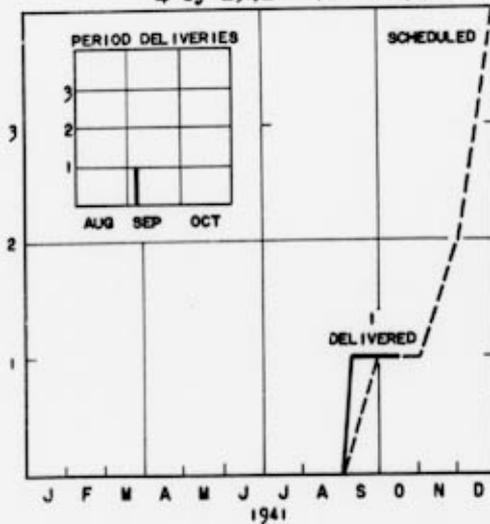


INSTALLATION ENGINES

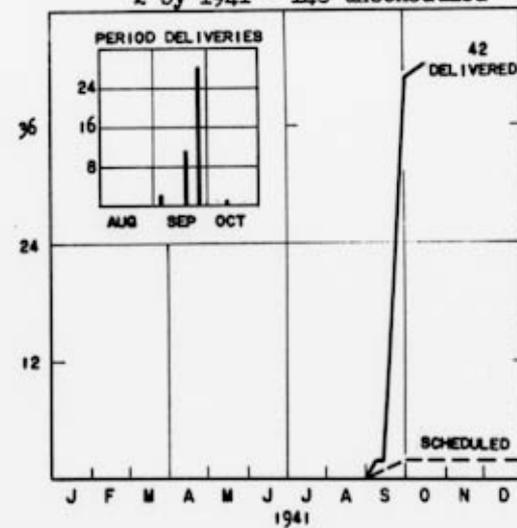
2,136 TRANSPORT
778 by 1941 - 1,067 in 1942 - 291 in 1943



75 AMPHIBIAN
4 by 1941 - 71 in 1942

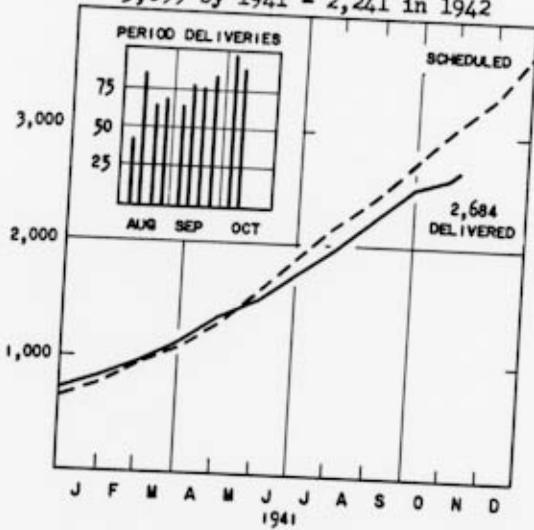


150 AMPHIBIAN
2 by 1941 - 148 unscheduled



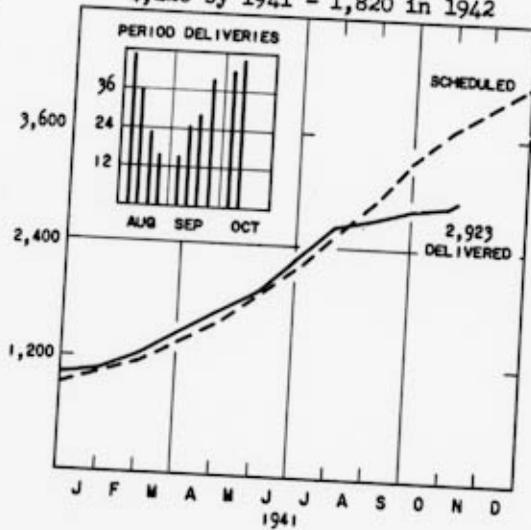
PROJECT AIRPLANES

5,940 PRIMARY TRAINER
3,699 by 1941 - 2,241 in 1942

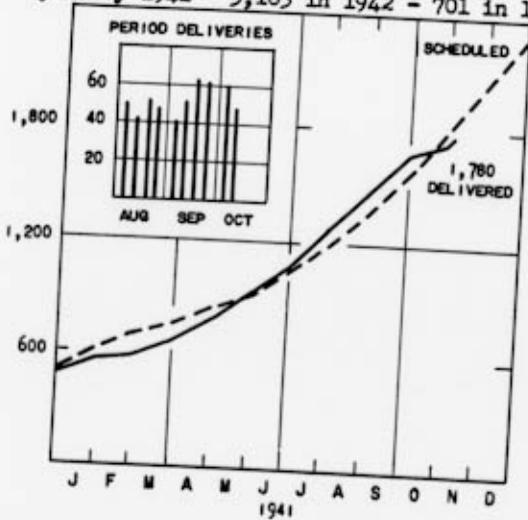


INSTALLATION ENGINES

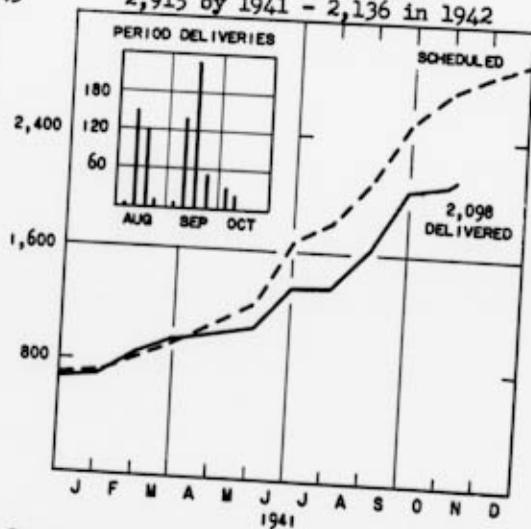
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,163 in 1942 - 701 in 1943

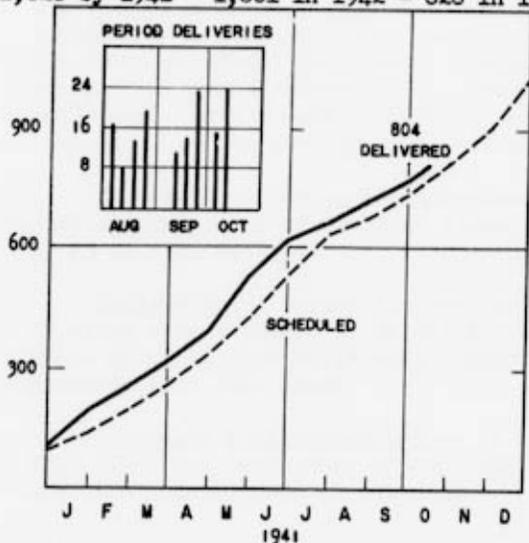


5,051 BASIC TRAINER
2,915 by 1941 - 2,136 in 1942



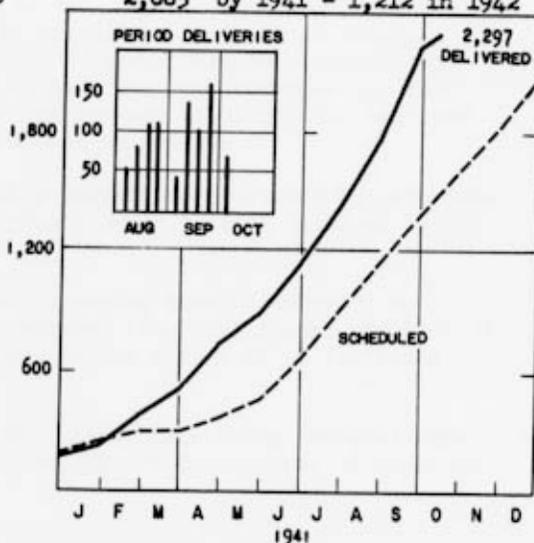
PROJECT AIRPLANES

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

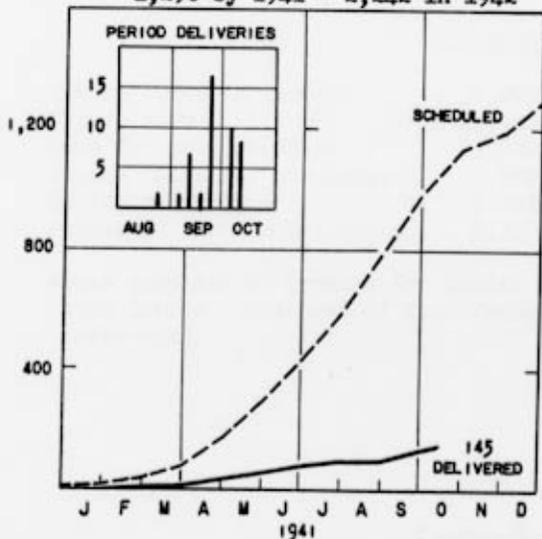


INSTALLATION ENGINES

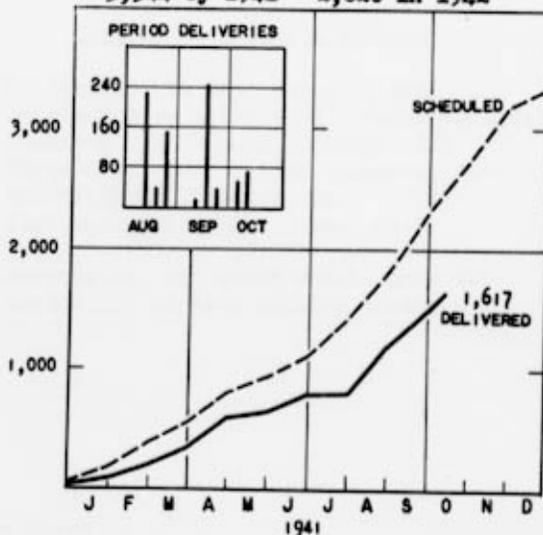
3,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 1,212 in 1942



3,532 ADVANCE TRAINER, 2 ENGINE
1,290 by 1941 - 2,242 in 1942



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



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 23, 1941

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

BASIC ITEMS

General -- As of October 8, complete delivery has been made on 68 of the 132 basic items being procured from 1941 funds. The 64 remaining items are completely contracted and an average of 85 percent of their total programs has been procured. Deficiency Appropriation programs have been completely contracted and an average of 71 percent of their combined programs has been delivered. Of the combined 1942 programs, an average of 52 percent has been contracted and an average of 4 percent has been delivered.

Contracts -- During the quarter-monthly period ended October 8, contracts were awarded on 16 of the 1942 items, representing 25 million units at a cost of 23 million dollars.

Deliveries -- During the quarter-monthly period ended October 8, deliveries were effected on 54 of 64 items procured from 1941 funds; on 34 of 36 items procured from Deficiency Appropriation funds; and on 47 of 119 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 287 basic items being procured from 1941, 1942 and Deficiency Appropriation funds, 76 are delinquent; of these 29 are more than 10 percent delinquent.

LABOR DIFFICULTIES -- Strikes are currently affecting quartermaster procurement as follows:

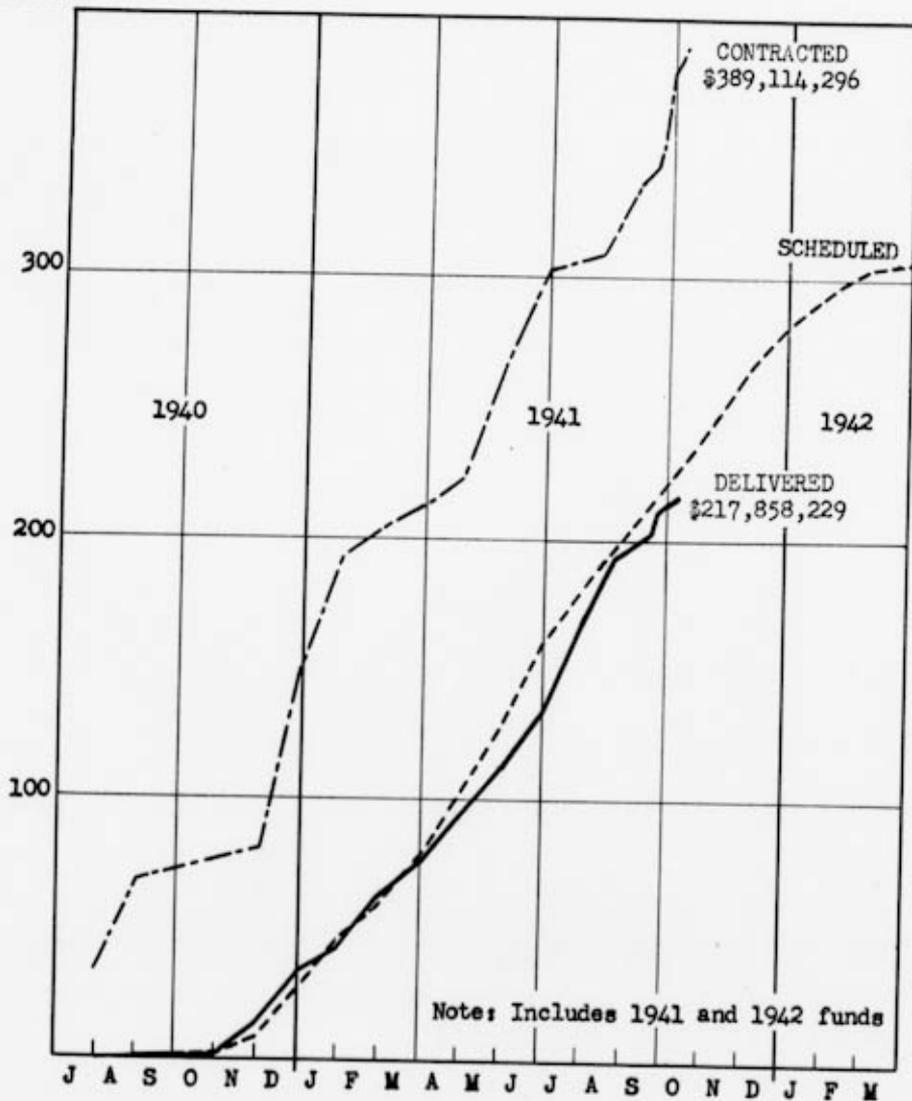
<u>Item affected</u>	<u>Man days</u>	<u>Contractor's Name & Address</u>
Tubing (used in trucks)	39,000	Wolverine Tube Co., Detroit, Mich.
Copper wire	21,750	Anaconda Wire & Cable Co., Muskegon, Mich.
Cans for meat products	17,000	American Can Company, Chicago, Ill.
Rescue boats for Air Corps	7,560	Chris-Craft Corporation, Algonac, Mich.
Cotton underwear	4,250	Rice Stix Co., Slater, Mo.
Fenders & sheet metal parts	2,700	York Corrugating Co., York, Pa.*

*Sole supplier of fenders for Indian Motorcycle Co. and sheet metal parts for Auto Car Co. Shutdown of Mack Truck's production of tank-hauling tractors threatened.

QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - Oct. 8, 1941

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

MILLION
DOLLARS

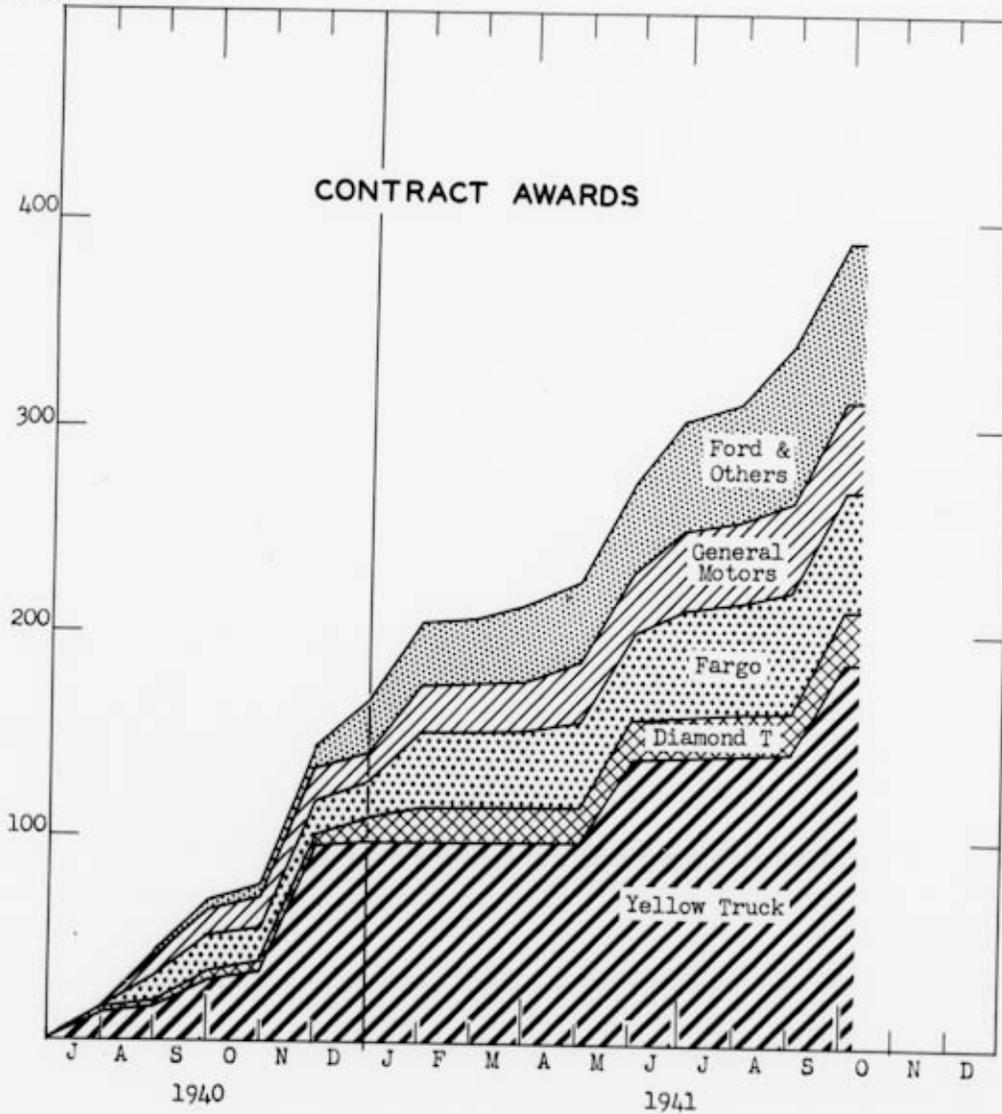


Note: Includes 1941 and 1942 funds

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

Source: Office of the Quartermaster General - Statistics Branch - October 8, 1941

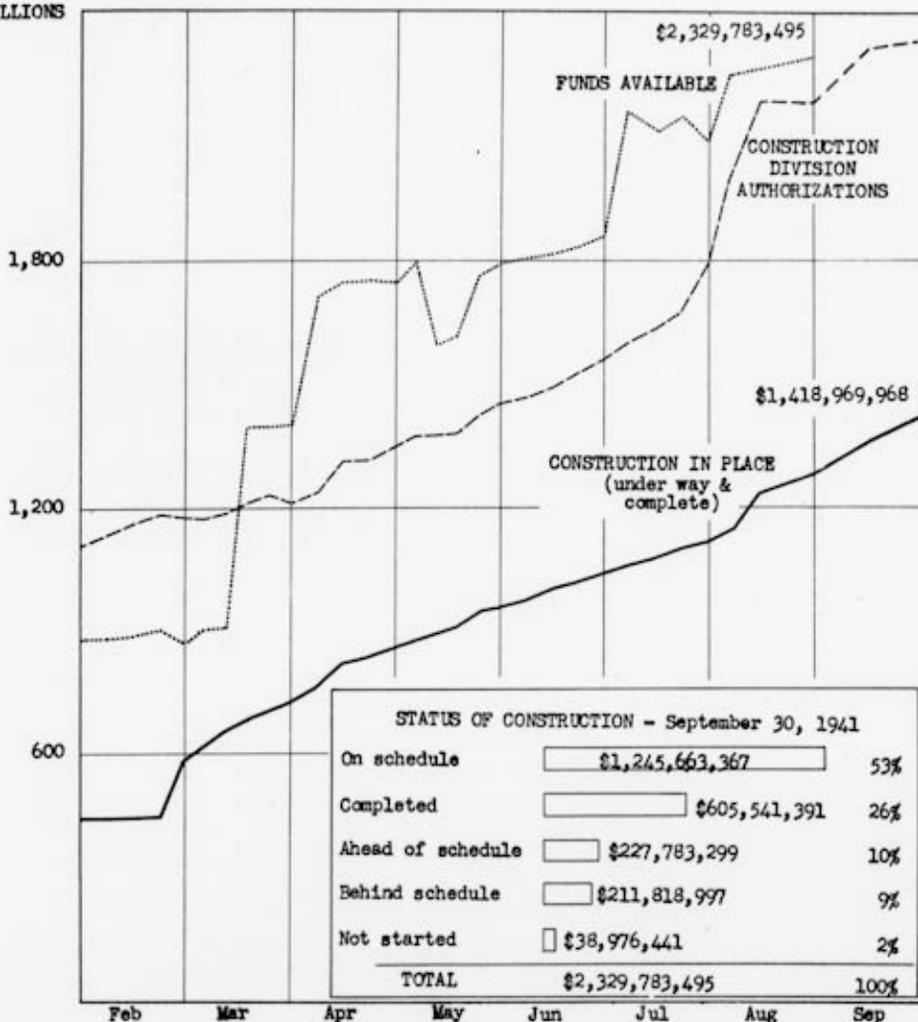
MILLION
DOLLARS



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

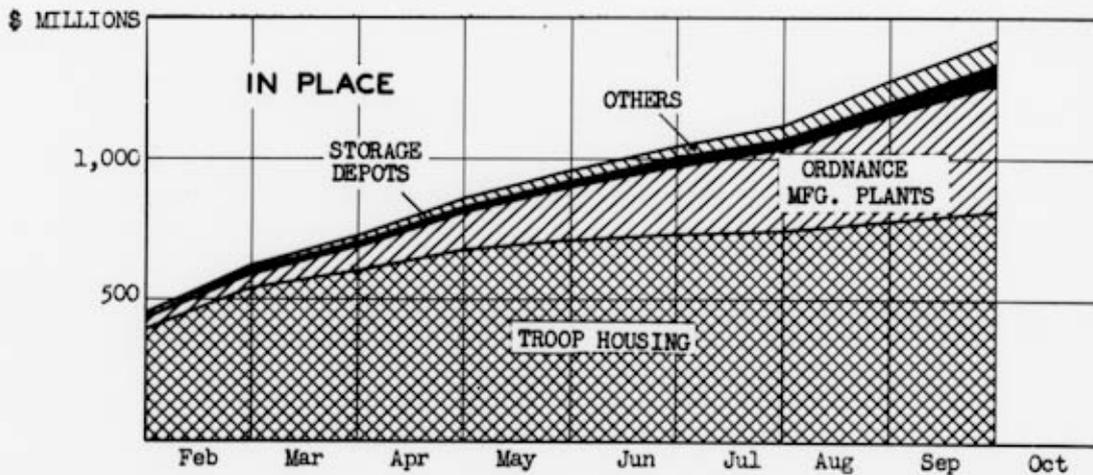
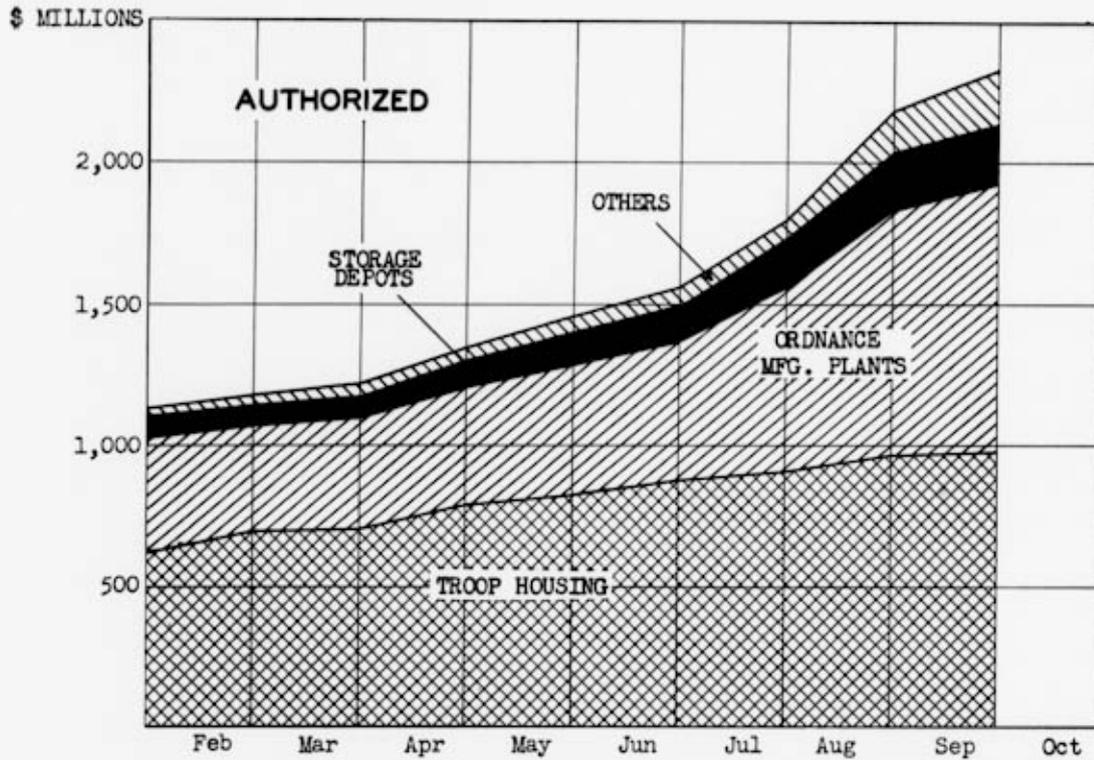
Source: Construction Division, Office of the Quartermaster General

\$
MILLIONS



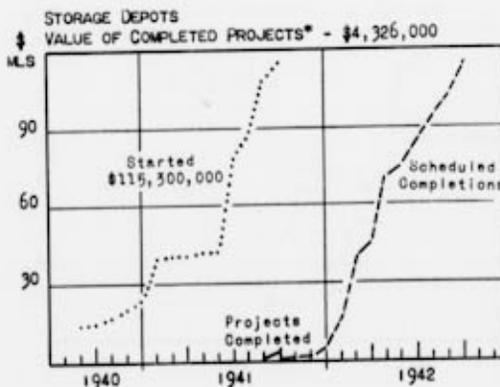
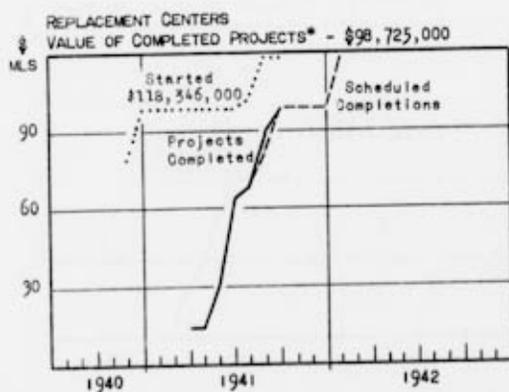
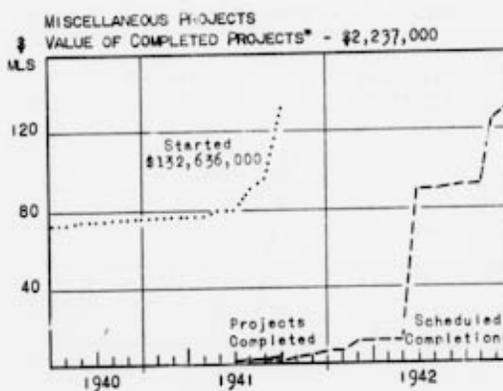
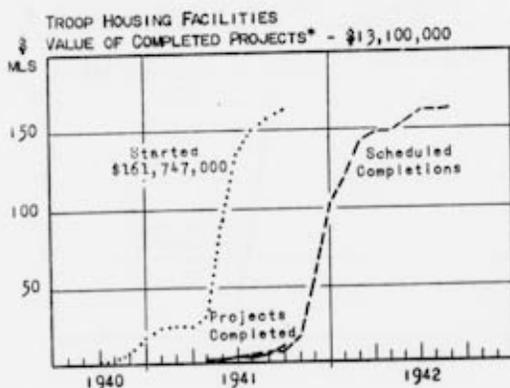
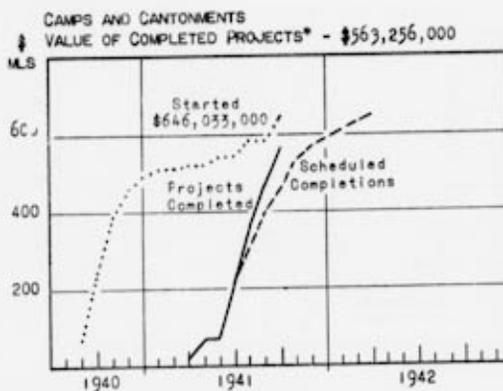
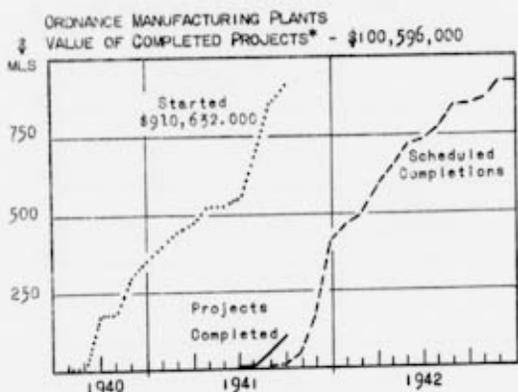
DIAGRAMS - STATUS OF QUARTERMASTER CONSTRUCTION - September 30, 1941

Source: Statistics Branch, Office of the Quartermaster General



DIAGRAMS - STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES

Source: Office of the Quartermaster General - September 30, 1941



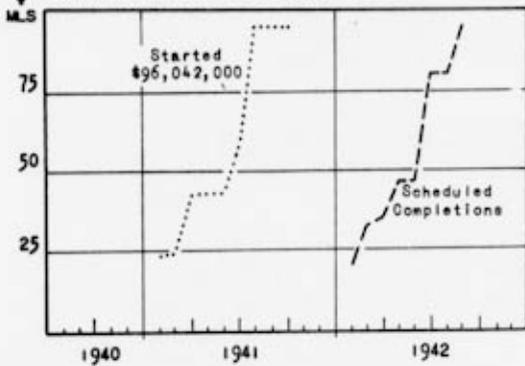
*Completed projects include projects from 95 to 100 percent complete

Quartermaster Corps

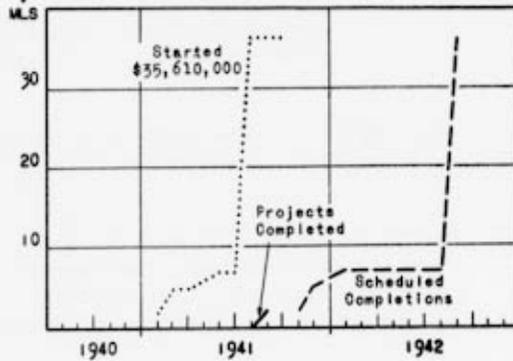
DIAGRAMS - STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES

Source: Office of the Quartermaster General - September 30, 1941

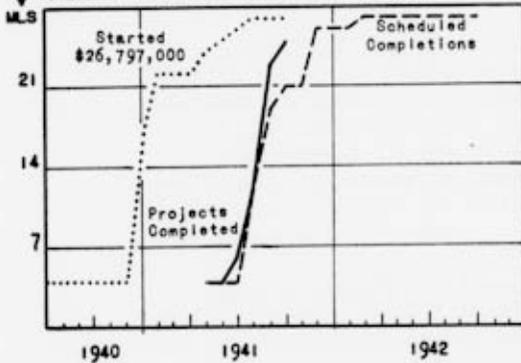
ORDNANCE AMMUNITION STORAGE DEPOTS
VALUE OF COMPLETED PROJECTS* - NONE



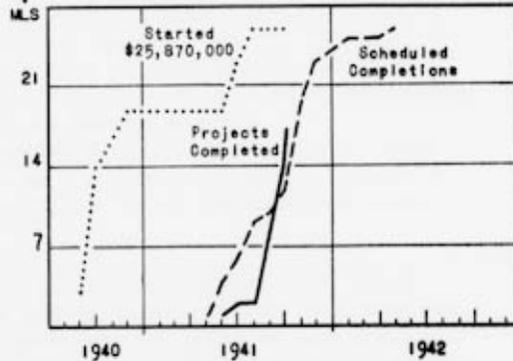
CHEMICAL WARFARE PLANTS
VALUE OF COMPLETED PROJECTS* - \$1,744,000



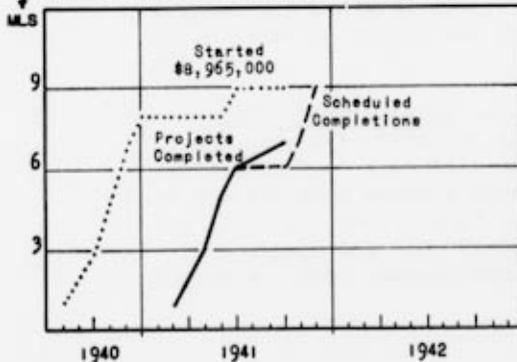
GENERAL HOSPITALS
VALUE OF COMPLETED PROJECTS* - \$24,909,000



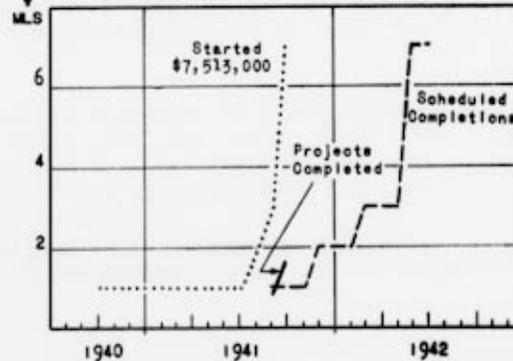
HARBOR DEFENSE
VALUE OF COMPLETED PROJECTS* - \$17,053,000



RECEPTION CENTERS
VALUE OF COMPLETED PROJECTS* - \$6,879,000



AIR CORPS PROJECTS (Q.M. CONSTRUCTION)
VALUE OF COMPLETED PROJECTS* - \$1,658,000



*Completed projects include projects from 95 to 100 percent complete

Quartermaster Corps

Statistics Branch
OUSW - 10-25-41

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND EQUIPMENT - OCT. 18, 1941

Source of Information:

Office of the Chief Signal Officer, Supply Division
Office of the Under Secretary of War, Labor Division

PROGRAM - Program figures referred to in this report include all procurement under the F.Y. 1941 and F.Y. 1942 expenditure programs to date.

STATUS OF CONTRACTS - Only two critical items of ground equipment on the F.Y. 1941 program remain to be contracted. One of these items, Radio Set SCR-288 was recently added to the program. The remaining item, Instrument Blind Landing Equipment SCR-251 is awaiting completion of specifications.

Contracts awarded for critical items of ground equipment on the F.Y. 1942 programs total \$12,702,000, or 8.5% of the \$148,867,000 appropriated for this purpose.

DELIVERIES - The delivery of minor parts for the SCR-193 and SCR-245 vehicular radio sets, last week, was responsible for a sharp increase in radio deliveries. A total of 3,430 sets was received compared with 1,157 sets delivered in the previous weekly period.

Improvement in the delivery of ground equipment, other than radio, continues. A number of these items remain appreciably behind scheduled deliveries although the delinquent quantities have, in some instances, been materially reduced.

DELINQUENCIES - There are 50 critical ground items upon which deliveries are due. A total of 27 or 54% of these are behind schedules. Out of 17 types of ground radio sets upon which deliveries are due, 10 are behind in deliveries. The rapid delivery of certain sets has appreciably reduced quantities delinquent, and Radio Set SCR-193 was removed from the delinquent list last week. A shortage of minor parts and accessories has been delaying the delivery of radio sets. Receipt of these items in volume has resulted in marked improvement of radio set deliveries.

LABOR DIFFICULTIES - Strikes at the Muskegon, Michigan, plant of Anaconda Wire & Cable, and at the Belleville, New Jersey plant of Isolantite, Inc. are still in progress. It has been reported that 350 of 450 striking workers have returned to work at Isolantite, and that the plant is operating at about 80% of normal.

A strike has been reported at Burgess Battery Company, Freeport, Illinois. This company manufactures dry batteries for the Signal Corps.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - OCTOBER 18, 1941

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

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			00	80	60	40	20	0	20	40	60	80
<u>RADIO COMMUNICATION - GROUND</u>												
Charging set SCR-169												DELIVERED
Frequency Meter Set SCR-211	464									23		
Head and chest set HS-19												ON SCHEDULE
Headset HS-23												DELIVERED
Radio set, ground (total)	1,390									8		
<u>MISCELLANEOUS EQUIPMENT</u>												
Converter M-134	5					100						
Flash ranging set GR-4	21					72						
Interphones (vehicular)		102									10	
Signal lamp equip. EE-84	73					100						
Sound ranging set GR-3-C												ON SCHEDULE
Theodolite ML-47	71									27		
<u>ELECTRONIC EQUIPMENT*</u>												
Aircraft warning devices		3										1

* Includes other items on which schedules are not available.

Signal Corps

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Statistics Branch
OUSW - 10/25/41

SIGNAL CORPS DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - OCTOBER 18, 1941

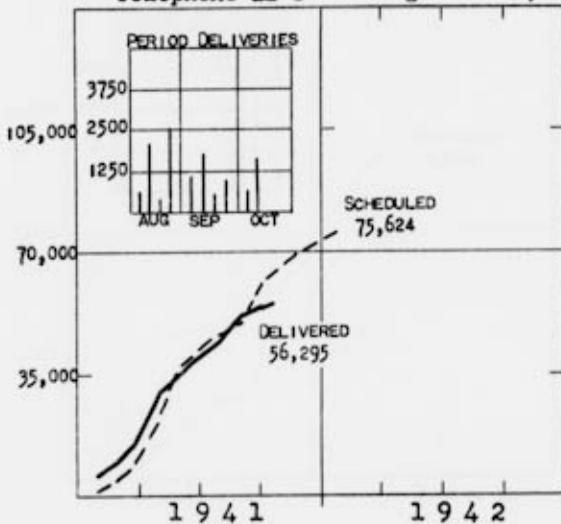
Source of Information: Office of the Chief Signal Officer, Supply Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>WIRE COMMUNICATION</u>												
Coil C-114	1,391								11			
Coil C-161												DELIVERED
Reel Equipment CE-11												NONE DUE
Reel Units (RL-16, 26, 31)	1,450								12			
Switchboards (BD-71, 72, 89, 96)		1,496										41
Telegraph printer set EE-97												NONE DUE
Telegraph set TG-5		969										51
Telephone EE-8	6,569								10			
Telephone central office set (TC-1 & TC-2)	10							63				
Telephone set TP-4	120							100				
Wire W-110-B & W-130 (miles)		11,208										11

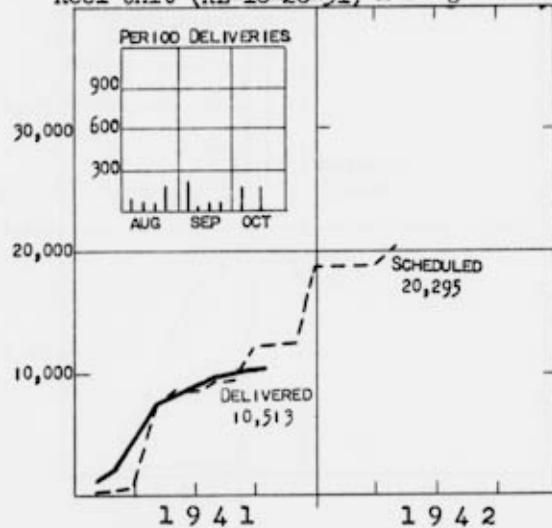
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - Oct. 18, 1941

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

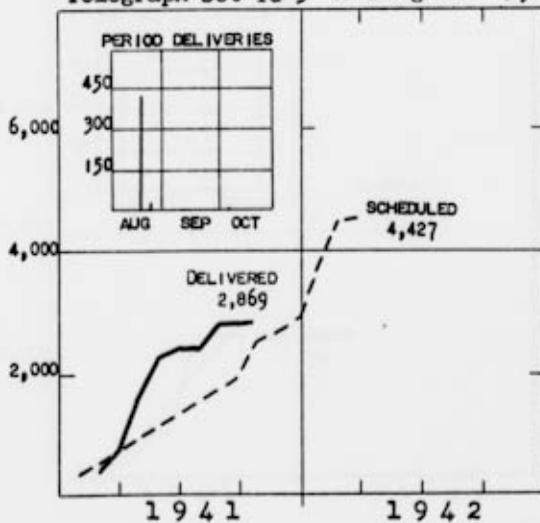
Telephone EE-8 - Program - 75,882



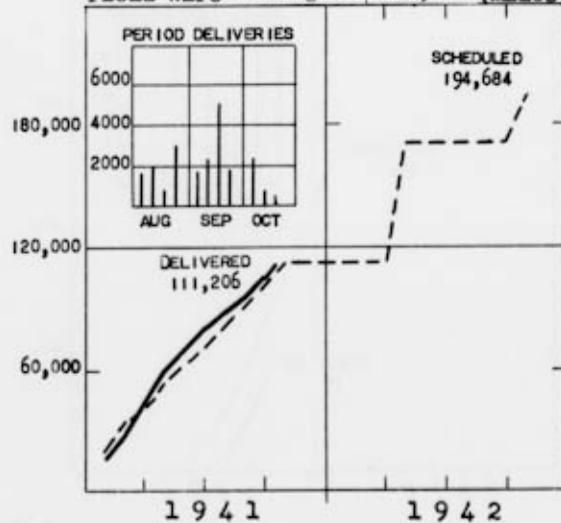
Reel Unit (RL-16-26-31) - Program - 21,402



Telegraph Set TG-5 - Program - 5,045



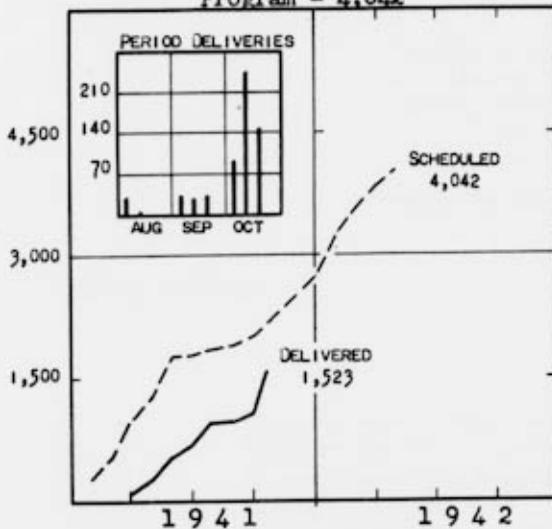
Field Wire - Program | 313,707 (miles)



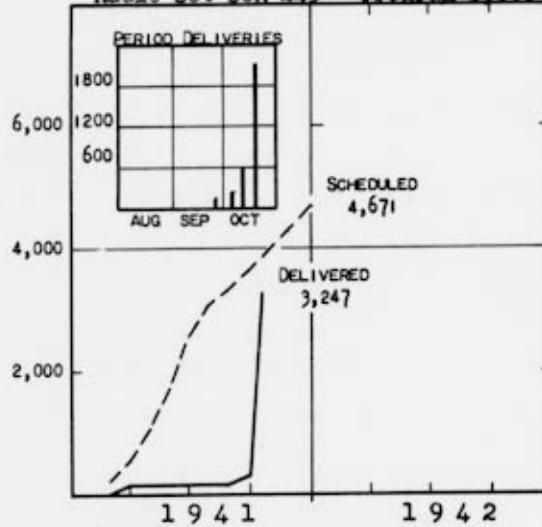
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
OCTOBER 18, 1941

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

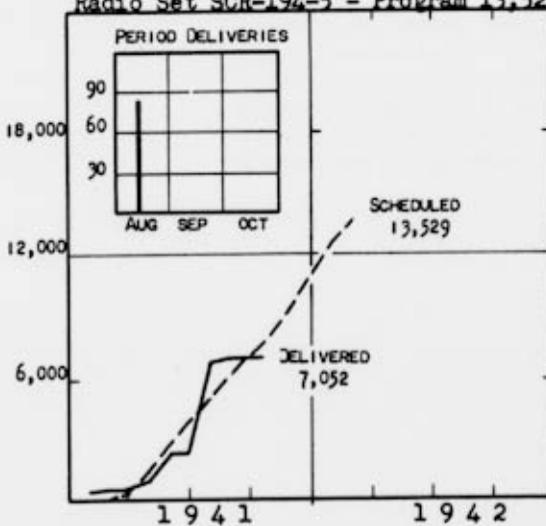
Frequency Meter Set SCR-211
 Program - 4,042



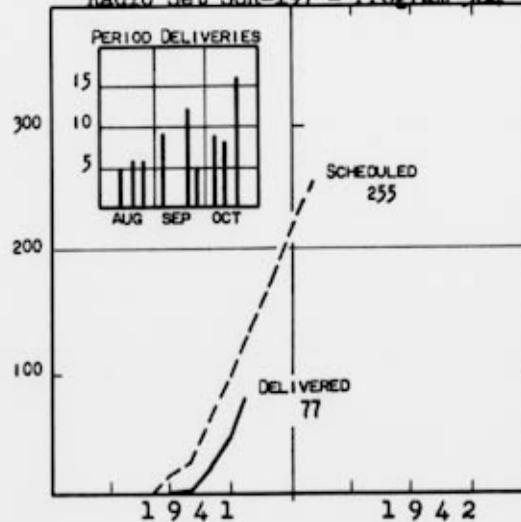
Radio Set SCR-245 - Program 5,590



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



Radio Set SCR-197 - Program 364



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH OCTOBER 15, 1941

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

GENERAL

During the first half of October, 21 items of the Engineer procurement program were active. Of these, 1 is ahead of schedule and 14 are behind. In tabular form:

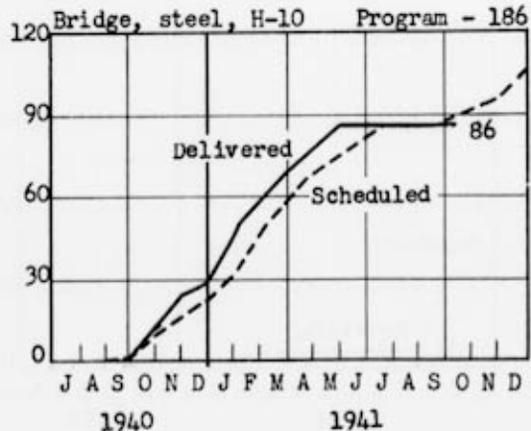
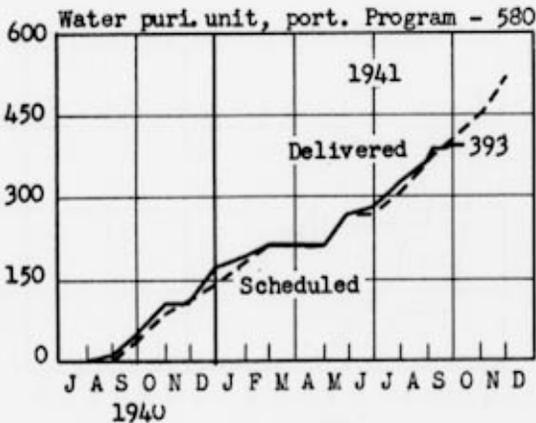
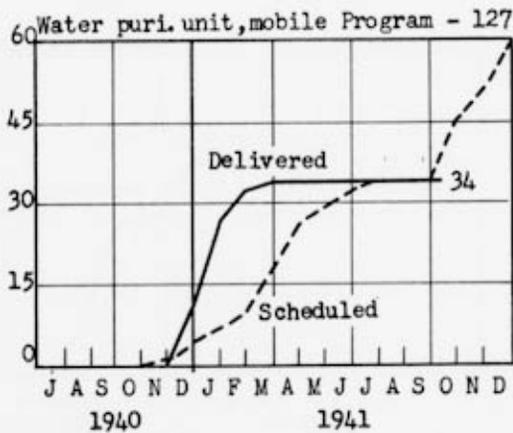
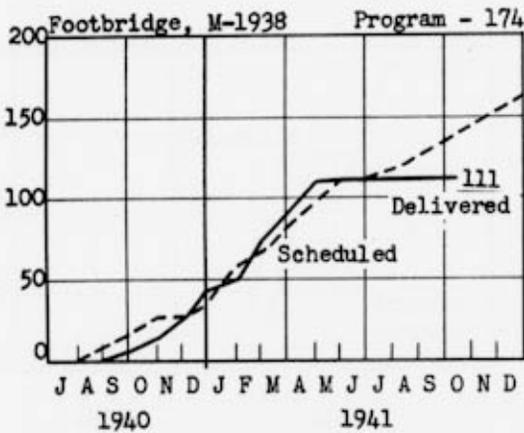
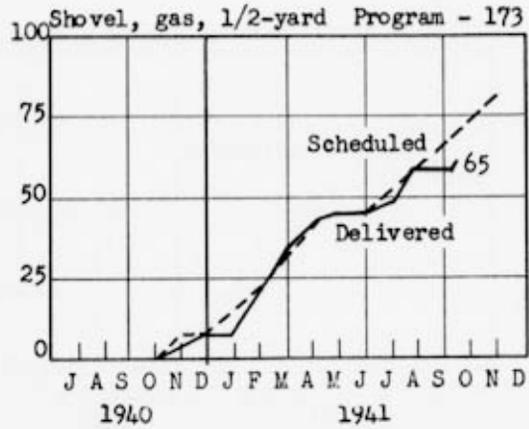
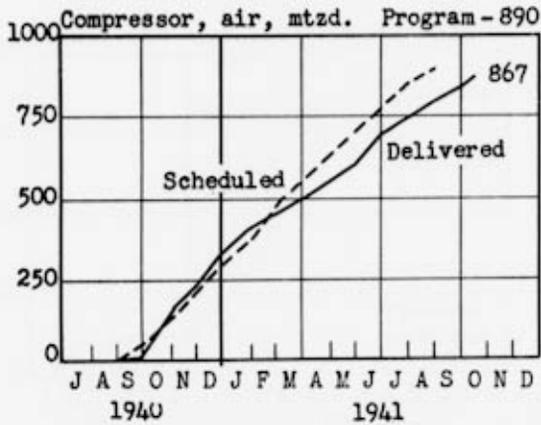
Program completed		6
Not active		19
Active, ahead of schedule	1	
on schedule	6	
behind schedule	14	21
Total number of items		46

BEHIND SCHEDULE

	Percent behind	
	Sept. 30	Oct. 15
Bridge, port., trestle	75	75
Trailer for 60" searchlight	78	72
Stereocomparagraph equip. set	On sched.	67
Crane, truck-mounted	83	43
Stereoscope, mag., mirror	23	32
Footbridge, M-1938	17	20
Searchlight, 18" beach	22	13
Searchlight, 60" AA	9	12
Water puri. unit, mobile	On sched.	11
Mixer, concrete	On sched.	8
Water puri. unit, port.	2	7
Shovel, gasoline, 1/2-yard	3	6
Pontoon bridge, 25-ton	On sched.	4
Compressor, air, mtzd.	7	3

CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - OCTOBER 15, 1941

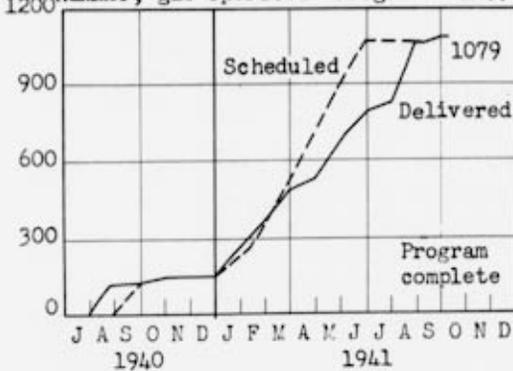
Source of Information: Supply Section, Office of the Chief of Engineers



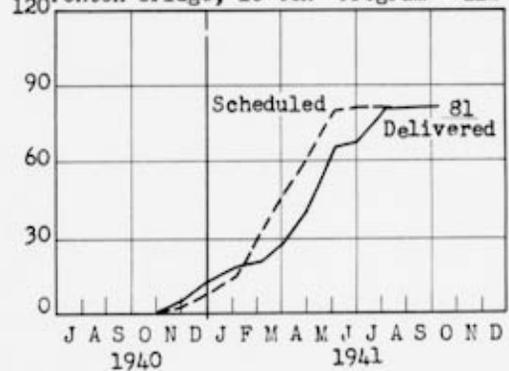
CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - OCTOBER 15, 1941

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

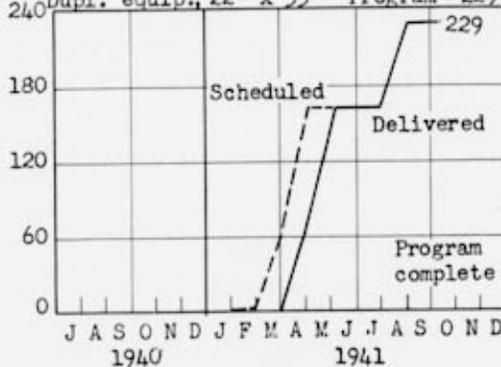
Hammer, gas operated Program - 1079



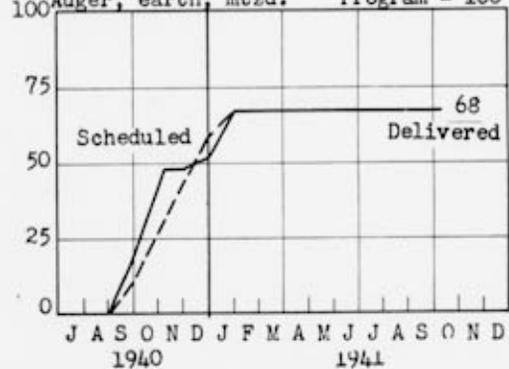
Ponton bridge, 10-ton Program - 112



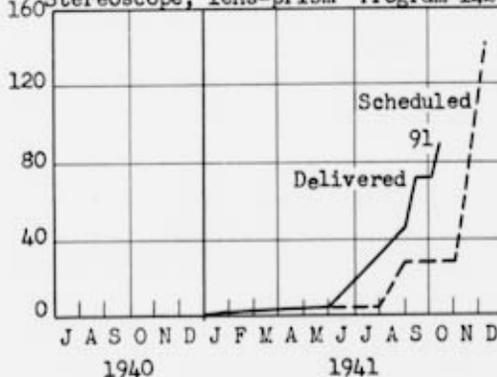
Dupl. equip., 22" x 33" Program - 229



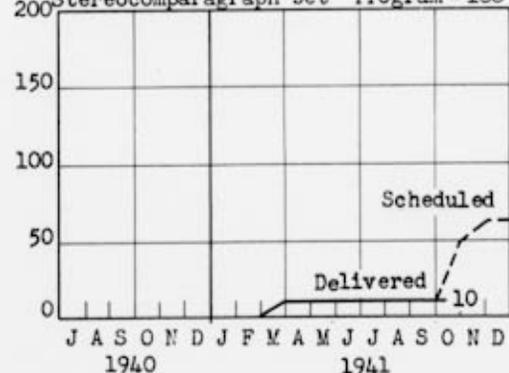
Auger, earth, mtzd. Program - 100



Stereoscope, lens-prism Program-142



Stereocomparagraph set Program-188



TEXT SUMMARY - CORPS OF ENGINEERS - AIR CORPS CONSTRUCTION, SEPTEMBER 30, 1941

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

During the past period the construction at Air Corps stations being done by the Corps of Engineers has shown the following increases:

	<u>Sept. 15</u>	<u>Sept. 30</u>	<u>Increase</u>
Estimated cost (millions)	670	676	6
Work in place (millions)	324	354	30
Troop capacity (men in thous)	347	348	1
Number of projects	131	132	1

The 676 millions of estimated cost and the 354 millions of value of work in place are distributed as follows:

<u>Tactical units</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
G. H. Q. air force	48	202	163
Observation	13	9	4
<u>Non-tactical units</u>			
Pilot schools	43	177	65
Technical schools	6	80	58
Air Corps depots	15	115	27
Assembly plants	4	72	27
Replacement centers	2	9	6
Experimental depots	1	12	4
Total	132	676	354

SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED OCTOBER 25, 1941

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

The program figures in statistical reports now being compiled include both 1941 and 1942 fiscal years.

The following are the deliveries on selected items for the first quarter monthly period ending October 8, 1941:

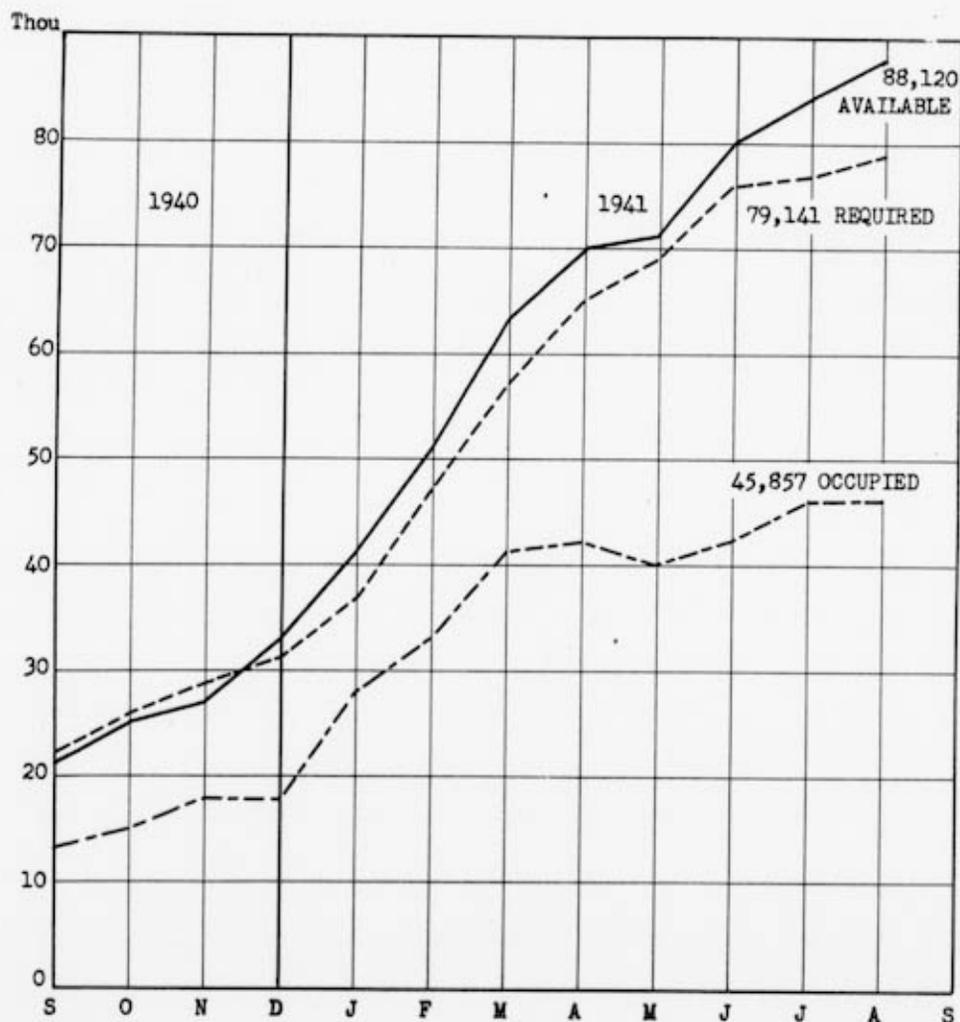
<u>Item</u>	<u>Delivered</u>
Ether (for anesthesia)	147,900
Bandage, gauze, roller, 2" (dozen)	22,970
Bandage, gauze, roller, 3" (dozen)	50,175
Bandage, gauze, roller, 4" (dozen)	27,622
Cotton, absorbent, compressed	8,000
Cotton, absorbent, roll	46,500
Gauze, plain, 25 yards	39,500
Plaster, adhesive, 1"	5,040
Needle, catgut, size 2, $\frac{1}{2}$ -circle	4,200
Needle, intestinal, size $1\frac{1}{2}$ ", straight	1,000
Needle, surg. reg., #6, $\frac{3}{8}$ -circle	2,800
Needle, surg. reg., #12, $\frac{3}{8}$ -circle	1,502
Needle, surg. reg., #20, $\frac{3}{8}$ -circle	800
Needle, uterine, size 1, $\frac{1}{4}$ -circle	300
Needle, uterine, size 5, $\frac{1}{4}$ -circle	2,400
Needle, uterine, size 7, $\frac{1}{2}$ -circle	1,200
Splint, strap	3,006
Blanket, white	18,400
Mattress, cotton	950
Pillow, feather	1,000
Robe, bath	7,500
Sheet	16,704
Thermometer, clinical	29,500
Iodine & potassium iodide tubes (boxes of 10)	51,500
Bandage, gauze, compressed, 3" (boxes of 72)	3,328
Dressing, first aid, large	37,200
Dressing, first aid, small	236,500

In the week ending October 16, the percentage of sick within the continental limits of the United States was 3.06. There were 2.90 percent in hospital and .16 percent in quarters.

MEDICAL DEPARTMENT - HOSPITAL BEDS REQUIRED, AVAILABLE, AND OCCUPIED - AUGUST 31, 1941

Source of Information: Surgeon General's Weekly Bed Status Report

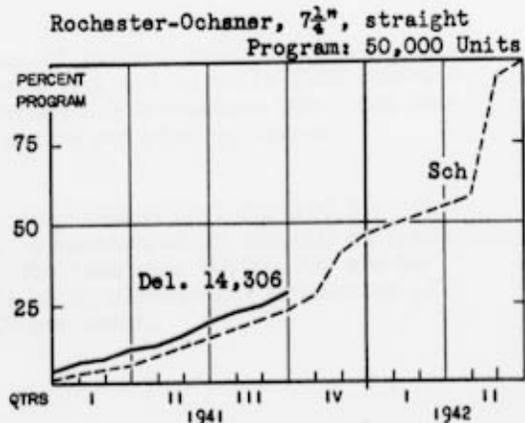
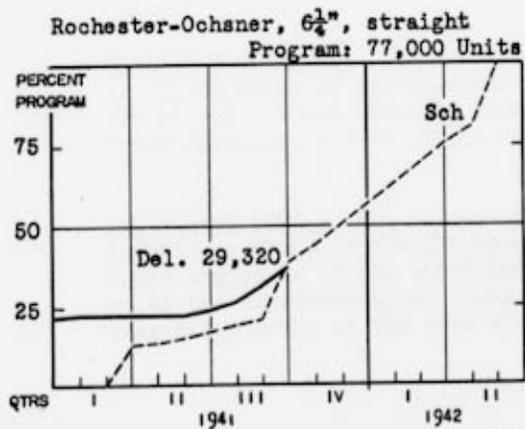
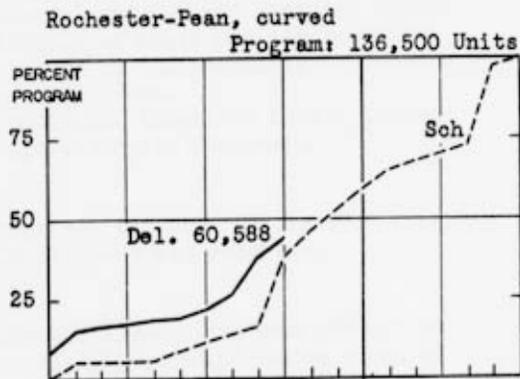
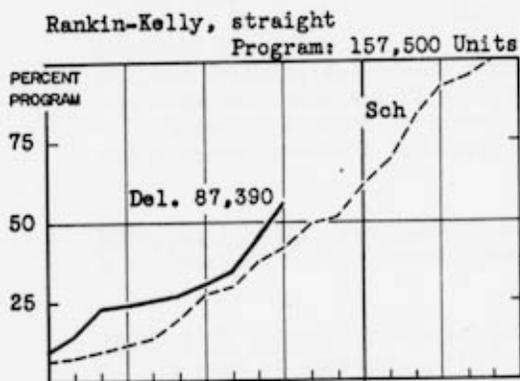
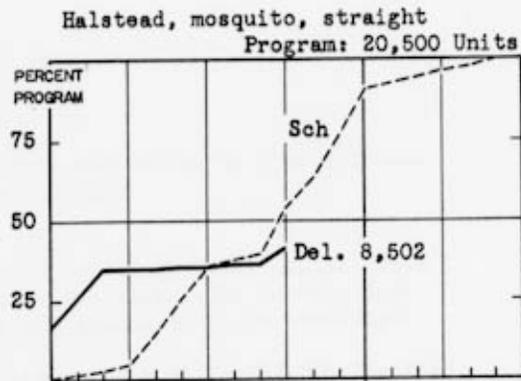
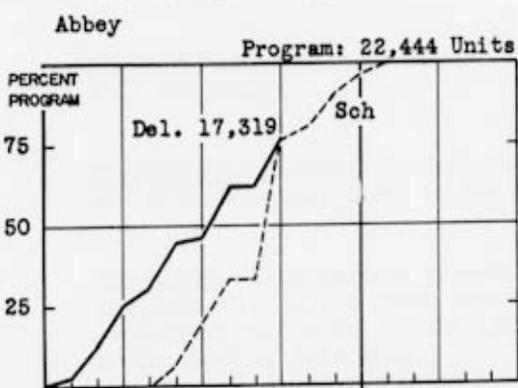
Requirement based on five percent of total of officers, nurses, enlisted strength.



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

Source of Information: Medical Department Procurement Progress Reports

Includes 1941 program only.



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS OCTOBER 17, 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 five Critical and nine Essential items of the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 41,454 units compared with 42,618 units reported the previous week. The Service Mask assemblies called for by the 1941 program are scheduled to be completed in December of this year.

Sprague Specialty Company completed their contract for 32,000 Training Masks by an assembly of 1,380 units. The 1941 program for Training Masks is now completed and assembly on the 1942 contracts is scheduled to begin at once. The 1942 program calls for an assembly of 642,650 Training Masks. Edgewood Arsenal was given an order for 100,000 of these and the remaining 542,650 Training Masks were equally apportioned to the companies of Johnson and Johnson; Goodyear; Firestone; Sprague, and Eureka.

Edgewood Arsenal reports a delivery of 22,461 Diaphragm Masks; Johnson and Johnson reports a delivery of 23,840 Extra Service Canisters.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 69.9 tons. A delivery of 6,167 Chemical Mortar Shells (filled) was reported.

PROTECTIVE AGENTS: The Pilot plant at Edgewood Arsenal reports production of 7.9 tons of Impregnite "I". A delivery of 176,694 eight-ounce tubes of Shoe Impregnite, and 11,384 gallons of Non-corrosive Demustardizing Agent was reported.

VARIOUS DELIVERIES: The Fyr Fyter Company of Dayton, Ohio, reports a delivery of 17,500 units of Decontaminating Apparatus (1½ qt) on their 1942 contract for 88,671. There were 290 Instructional and 149 Detonation Sets; 848 Gas-proof Curtains, and 200 Opener Unit Containers reported delivered.

INCENDIARY BOMBS: The present plans for procurement call for 100,000,000 incendiary bombs of the four-pound type. A maximum of 20,000,000 of these bombs are to be of the substitute type. The remaining 80,000,000 are to be of the magnesium type. Capacities are being planned for production of incendiary bombs at the rate of 9,000,000 per month.

STOCKS ON HAND - SELECTED ITEMS

Source of Information: Statistics Branch, G.S.

October 17, 1941

Items	On Hand October 3, 1941	On Hand October 10, 1941
Mask, Gas, Service	2,449,722	2,492,340 ^a
Mask, Gas, Diaphragm	929,820	950,453
Mask, Gas, Optical	116,393	116,623
Canister, Service & Diaphragm	231,139	235,139 ^b
Canister, Optical	19,417	19,417
Impregnite I (tons)	491.75	498.7
Impregnite, Shoe, M1 (tons)	439.7	611.92
Tanks, Airplane, Smoke, M10	97	97
Tanks, Airplane, Smoke, M20	0	0
Tanks, Airplane, Smoke, M21	0	0
Kit, Repair, Regimental	3,172	3,172
Kit, Repair, Company	58,709	58,709
Laboratory, Field	3	3
Mask, Gas, Horse	0	0
Alarm, Gas	0 ^c	0 ^c
Apparatus, Decontm. (3 gal)	50,520	50,520
App. Decon. Power-Driven	6	6
Agent, Demus. Bleach (tons)	171	225
Agent, Demus. Bleach H.T. (tons)	6.5	6.5
Agent, Demus. Non-corr. (gal)	76,376	76,376
WP (Smoke)(tons)	1,668	436
HS (tons)	3,526.4	3,564
FS (tons)	271.2	298.7
CG (tons)	356	514.15
CMS (tons)	9.6	9.7
Incendiary Bombs, Br. (4 lb)	0	0
Incendiary Bombs, Br. (40 lb)	0	0

Notes:

- a. Includes 120,000 for the Philippine Army.
- b. Includes 13,400 for the Philippine Army.
- c. Alarm, Gas - Present stocks declared obsolete.

PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
CRITICAL ITEMS

Source of Information:	Chemical Warfare Service Total Programs 1940-41-42	Percent Delivered	October 17, 1941 Percent Contracted
Mask, Gas, Optical	116,623	100	100
Mask, Gas, Diaphragm	1,360,802	78	100
Mask, Gas, Service	3,496,234	70	100
Canister, Optical	46,362	42	100
Canister, Service	1,511,183	24	100
Canister, Diaphragm	482,478	16	100
Apparatus Dec. Power	1,184	1	100
C.G. Gas (ton)	14	0	100
CNS Gas (ton)	1,265	0	100
White Phosphorus (ton)	8,968	8	100
Mustard Gas (ton)	22,930	17	50
F.S. Smoke (lb)	1,603,700	33	33
Agent Bleach (ton)	1,967	17	30
Airplane Tanks M10	22,840	2	26
Airplane Tanks M20	940	0	17
Airplane Tanks M21	940	0	17
Lewisite (ton)	2,238	0	11
Agent Non-corr. (gal)	1,158,395	7	7
Incendiary Bombs Br 4	74,913,935	0	1
Incendiary Bombs Br 40	2,160,680	0	1

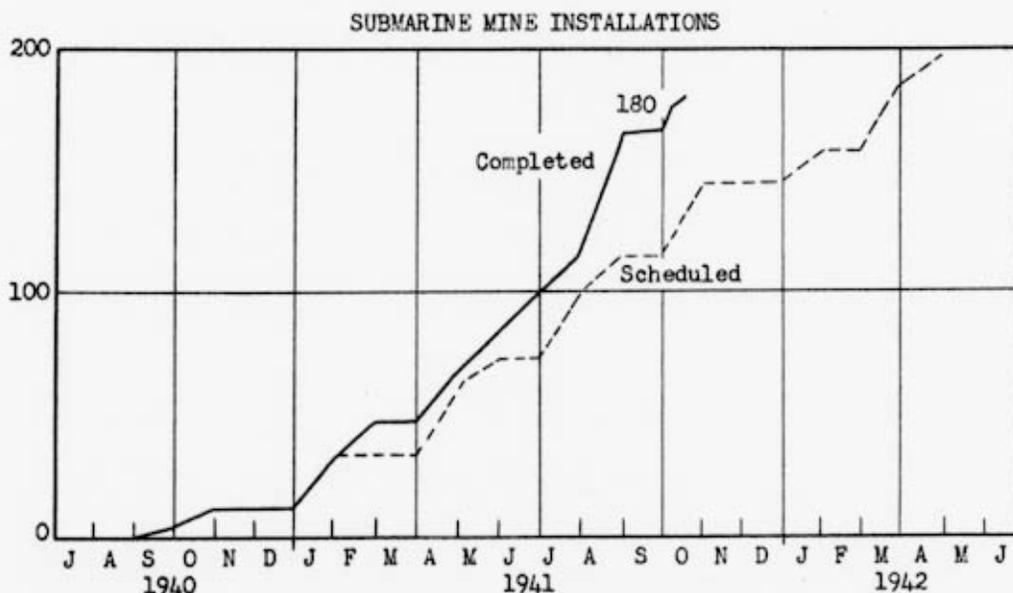
PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
SELECTED ESSENTIAL ITEMS

Source of Information:	Chemical Warfare Service	October 17, 1941	
	Total Programs 1940-41-42	Percent Delivered	Percent Contracted
Repair Kits, Mask Co.	59,209	100	100
Cylinders, Portable	592	100	100
Antidim Sets	1,751,000	100	100
Decont. Equip. (gal)	54,077	95	100
Alarms, Gas	36,438	86	100
Candles, D.M.	11,030	97	100
Gas Mask Training	2,482,951	74	100
Shell, C.M.	18,900	61	100
Ident. Sets Inst.	4,131	34	100
Smoke Pots	138,918	23	100
Ident. Sets Det.	5,038	21	100
Field Laboratories	8	0	100
Shell, L.P.	24,327	0	100
Prot. Coll. Field	2,800	0	100
Curtains, Gasproof	273,417	3	100
Kits, Gas Mask Sr. Reg.	3,235	96	100
Impregnite Shoe	4,796	14	76
Container Steel (ton)	27,172	12	72
Dust Respirators	715,176	33	52
Impregnite I	5,680	8	46
Prot. Ointment	6,993,366	3	4
Flame Thrower	1,000	0	2

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - OCTOBER 15, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the two incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	7	Mar '42
Portland	$\frac{10}{17}$	Apr '42

*18 of 25 completed

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46

*PSF
War*

WEEKLY STATISTICAL REPORT

No. 18

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

SUMMARY

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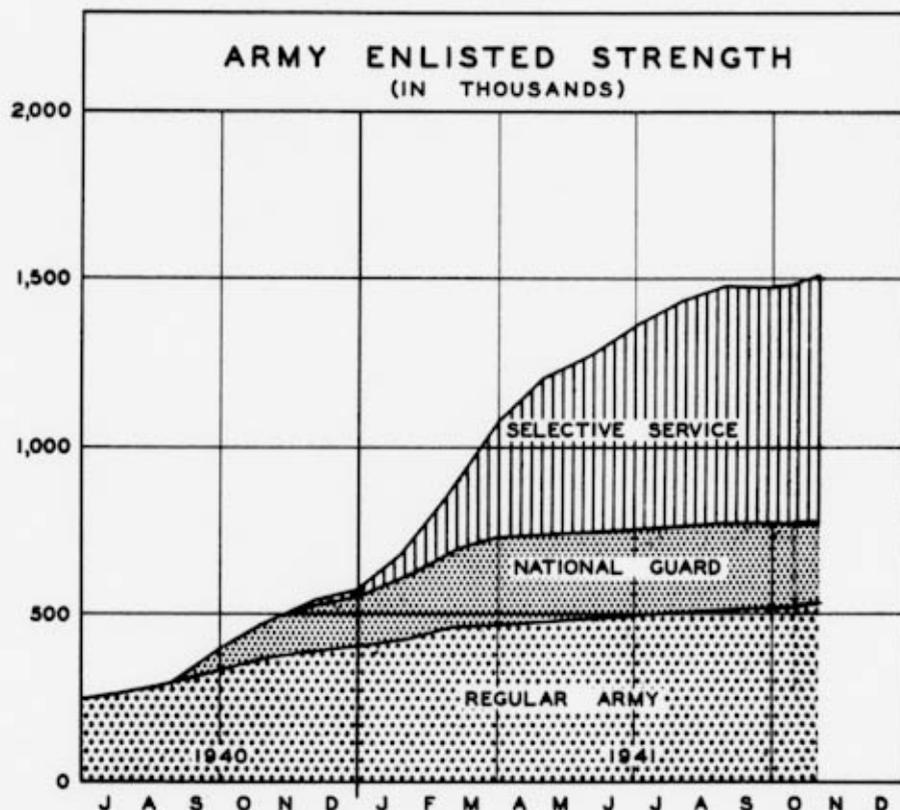
Signature- *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-1842-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 16
NOVEMBER 1, 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 October 27, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final estimated figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,469,792
Sep	407,613	Mar	1,068,030	Sep	1,468,554
Oct	483,218	Apr	1,205,873	Oct 27	1,504,000
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, October 30, 1941

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

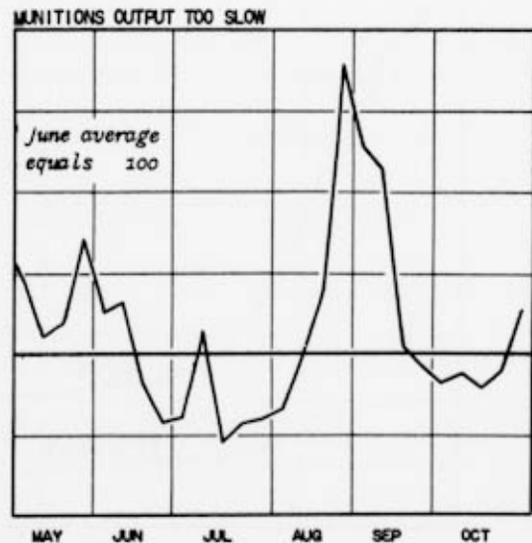
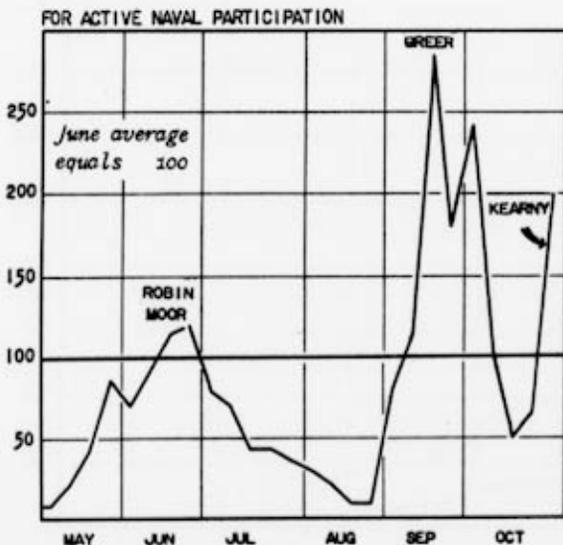
Source of Information: Statistics Branch, OUSW, October 29, 1941

Sentiment in favor of repeal of the Neutrality Act has been increased by the attack on the Kearny. Most of the columnists and editorial writers regard the present situation as tantamount to a restricted state of naval warfare; they approve the full utilization of the Navy to keep the sea lanes clear, and they regard restrictions of the Neutrality Act as incompatible with our national policy and an active danger to our interests.

A majority urges a firm policy toward Japan, and rejection of any form of appeasement. It is pointed out that freedom of the westward seas is as important to the policy of defeating Germany as freedom of the Atlantic. Fear of actual war with Japan has declined.

The ruling of the OPM in the Currier case has occasioned much criticism. The commentators expressed their lack of sympathy for the attempt to avoid labor disturbances, and they reiterate their conviction that no union restrictions should be permitted to retard the development of labor-saving products in housing or in any other field.

Disapproval of Mr. Lewis' stand in the question of the coal strike is unanimous. Even those who believe there is justice in the demands of the union, denounce the tactics Mr. Lewis has chosen, and suggest that such issues as that of the closed shop be allowed to pend until the emergency has come to an end.

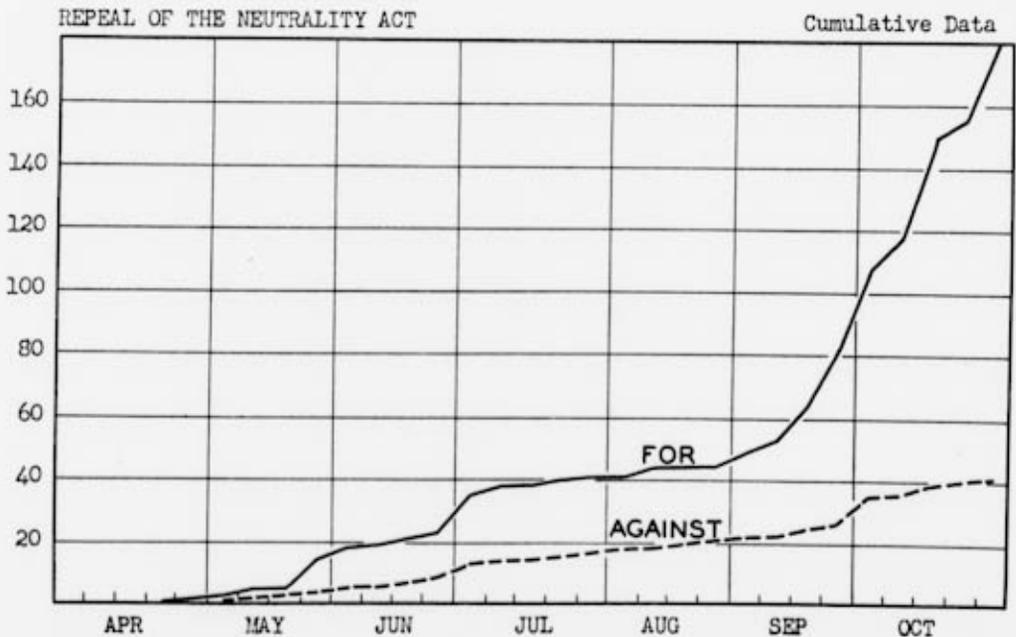


EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, October 29, 1941

PERCENT OF OPINIONS EXPRESSED

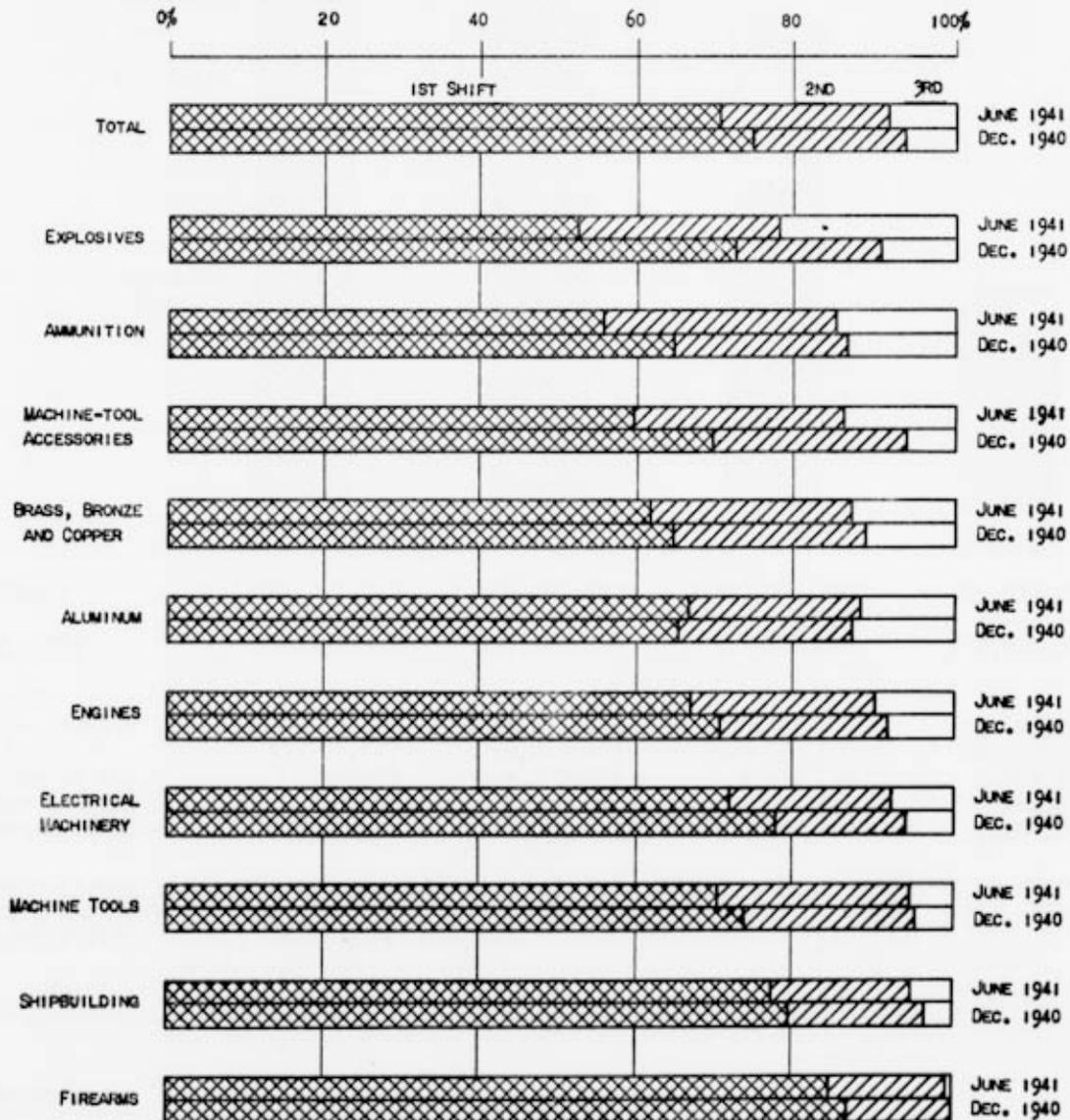
	In favor	Against	No opinion expressed
Total repeal of Neutrality Act	68	16	16
Full Naval participation	63	11	26
A firm attitude toward Japan	58	5	37
OPM ruling in Currier case	-	63	37



SHIFT OPERATIONS IN 10 DEFENSE INDUSTRIES

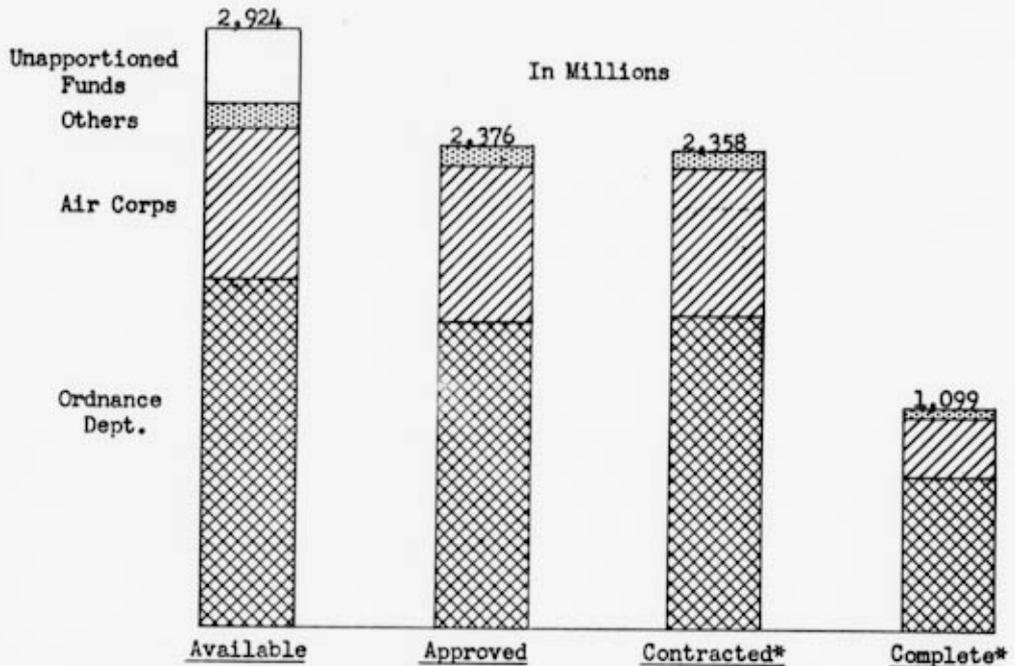
In order to meet increased production needs many defense industries have had to extend their operations to two or three shifts per day. In most industries, however, there is room for fuller utilization of plant facilities by having more workers employed on the second and third shifts.

Source of Information: U. S. Bureau of Labor Statistics



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - OCTOBER 21, 1941

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



	Available	Approved	Contracted*	Complete*
<u>Ordnance</u>	\$ 1,701,325,043	1,520,592,932	1,543,711,997	764,092,052
<u>Air Corps</u>	742,156,341	749,549,350	717,574,216	287,864,330
<u>Others</u>				
C.W. Service	78,799,381	75,163,032	66,549,573	31,165,082
Q.M. Corps	41,778,577	19,015,069	19,006,013	12,306,833
Corps of Eng.	6,270,000	6,270,000	5,970,406	1,055,322
Signal Corps	2,920,399	2,920,399	2,920,399	182,634
Bureau of Mines	2,000,000	2,000,000	2,000,000	2,000,000
<u>Unapportioned</u>				
War Department	310,594,445			
Defense Aid	38,217,172			
Total	\$ 2,924,061,358	2,375,510,782	2,357,732,604	1,098,666,253

* Estimated

TEXT SUMMARY - ORDNANCE DEPARTMENT - NOVEMBER 1, 1941

Source of Information: Ordnance Department, OUSW

GENERAL

The indexes of equipment and ammunition showing actual cumulative deliveries each fell one point below the scheduled figures in the month of September. The index of ammunition procurement has increased by twenty-four points in the seven months, June through December, 1942, thereby raising the cumulative scheduled figure to seventy-six percent of the total program in December, 1942. This reflects the large increases in the numbers of ammunition and bombs for which schedules have been reported.

EQUIPMENT

Acceptances of light tanks, M3 increased to 276 in the first three-quarters of October from 228 in the corresponding September period, while medium tank, M3 acceptances gained to 163 from 115.

Of the 1,403 light tanks, M3 delivered through September, the Army received 763, the Navy 20, the British 610 and Brazil 10. The British received 19 of the 309 medium tanks, M3 delivered through September.

In September 251 of the 37mm antitank guns were accepted as against the 110 scheduled. Delivery schedules have been revised upward to 193 for October and 400 for November, from 160 and 260, respectively. The latest schedule readjusts estimates for subsequent months downward to offset these increases.

AMMUNITION

A summary of the reports on the existing contracts for metal components of all 12 types of 37mm ammunition is shown on pages 11 and 12. This indicates the production and the stock of these parts available on September 30, 1941.

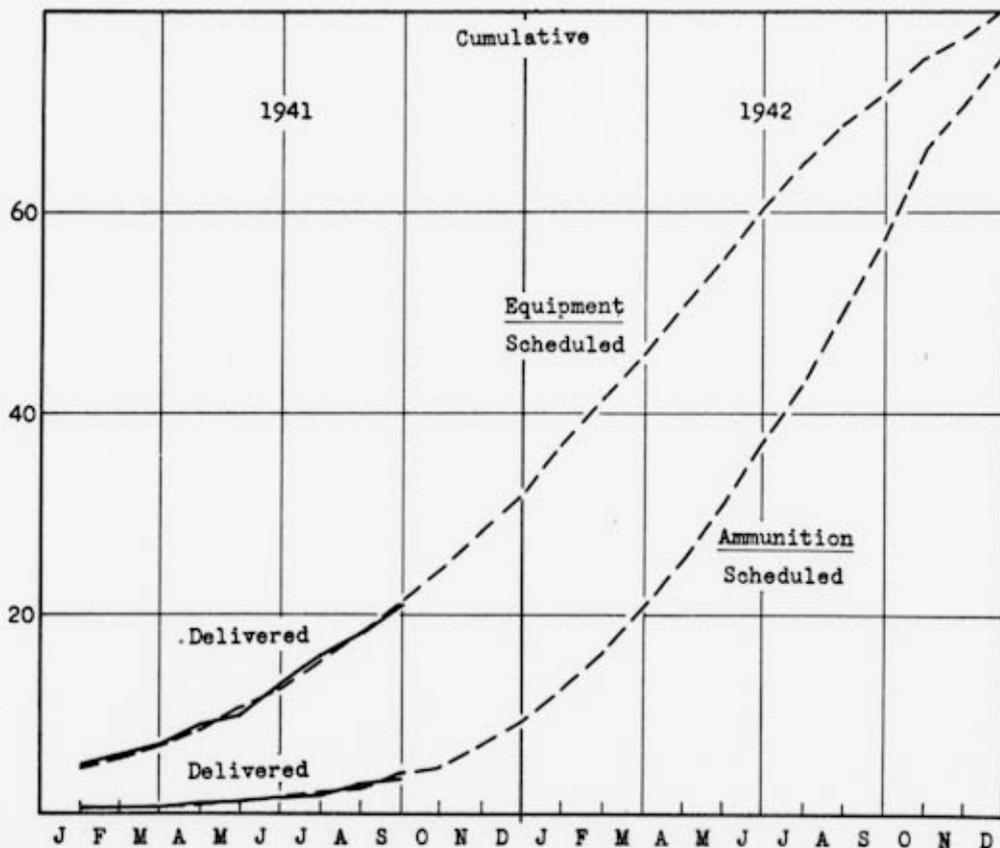
The maximum loading capacity for 37mm and larger calibers of ammunition is indicated to be approximately 4,900,000 rounds per month at present. This represents the five new shell loading plants which have already started operations. The corresponding maximum capacity indicated for January, 1942 is about 8,700,000 rounds per month and for June, 1942, nearly 12,700,000 rounds a month. The peak monthly capacity for loading 37mm and larger calibers of ammunition at the ten authorized shell loading plants is approximately 18,000,000 rounds.

The latest estimated loading schedules indicate an output of approximately 3,000,000 rounds of all types of ammunition, including 37mm and larger calibers, in January, 1942, and approximately 9,500,000 rounds in June, 1942. Fulfilment of these estimates is contingent upon the completion of the necessary loading plants, the availability of metal components, high explosives and propellant powders, and on satisfactory transportation and labor conditions.

PROCUREMENT INDEXES - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Defense Aid Program reported by the Ordnance Department. The current procurement program consists of quantities being purchased with Fiscal Year 1940, 1941, and 1942 funds.



		CUMULATIVE																																				
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D													
<u>EQUIPMENT</u>																																						
DELIVERED	5	6	7	9	10	13	16	19	21															25	28	32	37	42	46	51	56	61	65	69	73	76	78	80
SCHEDULED	5	6	7	8	11	13	16	19	22															25	28	32	37	42	46	51	56	61	65	69	73	76	78	80
<u>AMMUNITION</u>																																						
DELIVERED	.4	.5	.8	1	1	2	2	3	3															5	7	10	13	17	21	26	31	37	44	51	58	67	71	76
SCHEDULED	.5	.5	.8	1	1	2	2	3	4															5	7	10	13	17	21	26	31	37	44	51	58	67	71	76

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program	Preliminary deliveries thru Oct 15	Percent of total program			
			Contracted	Scheduled	Due Sep 30	Delivered Oct 15
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	9,512	99	99	10	10
Machine gun, cal.50	208,590	25,904	99	99	11	12
Gun, 20mm automatic	47,663	0	100	100	0	0
Gun, 37mm automatic	2,907	130	100	100	4	4
<u>Combat Vehicles</u>						
Tank, light	5,919	1,955	80	80	33	33
Tank, medium	12,491*	504	64	54	3	4
Scout car	3,440	2,633	83	83	79	77
Personnel carrier, 8-man	5,792	2,264	100	100	29	39
Personnel carrier, 13-man	5,521	866	100	100	17	16
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	121,488	89	89	40	44
Gun, 37mm, tank	14,016#	3,078	100	99	20	22
Gun, 75mm, tank	9,764#	185	54	54	2	2
<u>Antiaircraft</u>						
Gun, 3"	152	152 6	100	100	100	100 6
Gun, 90mm	2,284	50 6	56	56	2	2 6
Gun, 37mm	3,195	481 6	100	100	16	15 6
Machine gun, cal.50 (W.C.)	25,063	2,194	76	76	8	9
<u>Artillery</u>						
Howitzer, 75mm	1,318	221 6	73	73	14	17 6
Howitzer, 105mm	4,297	69 6	96	83	2	2 6
Gun, 155mm	493	18 6	100	100	6	4 6
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	755 6	100	71	50	57 6
Carriage, 155mm howitzer	1,580	1,106 6	91	91	71	70 6
Carriage, 155mm gun	853	166 6	100	100	24	19 6
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	298,816	71	71	21	23
Machine gun, cal.30 (Var.)	159,979b	48,143b	82b	64b	30b	30b
Machine gun, cal.50 (H.B.)	31,699b	2,976b	94b	94b	8b	9b
Gun, 37mm, antitank	9,478	980	100	99	8	10
Mortar, 60mm	11,162	5,370	100	100	49	48
Mortar, 81mm	4,705	1,455	78	78	31	31

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

* Includes 3,243 British and Canadian Orders.

Includes 2,500 British orders.

~~6~~ As of September 30.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Oct 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Delivered Oct 15
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	225	100	83	10	11
Bomb, demo., 100#, 300#, 500#	1,687	136	78	100	10	8
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	598	141	82	100	35	24
Cartridge, 20mm	112,192	2,412	11	100	2	2
Shell, H.E., 37mm	2,098	222	90	100	18	11
Flares	901	223	41	82	27	25
Signals	2,784	833	74	99	29	30
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	686	72	70	3	4
Shell, 3", H.E.	2,269	92	82	82	5	4
Shell, 90mm, H.E.	3,057	5	58	97	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	63	100	4	4
Shell, g & s, 75mm gun	1,108	15	99	99	1	1
Shot, A.P., 75mm gun	7,868	0	22	8	0	0
Shell, H.E., 75mm how.	4,279	251	98	100	6	6
Shell, H.E., 105mm how.	19,710	62	60	57	-	-
Shell, H.E., 155mm gun	1,360	0	72	92	0	0
Charge, prop., 155mm gun	2,248	231	53	100	13	10
Shell, H.E., 155mm how.	5,080	7	84	100	-	-
Shell, g & s, 155mm how.	1,370	0	68	16	0	0
Charge, prop., 155mm how.	6,547	843	88	62	11	13
Primer, 21 gr.	12,060	299	54	85	2	2
Fuzes (all)	13,482	3,135	81	93	23	23
<u>Infantry</u>						
Cartridge, cal.30	8,505,193	596,990	78	78	7	7
Links, met. belt, cal.30	1,259,225	120,758	79	79	9	10
Cartridge, cal.45	830,395	213,382	75	75	24	26
Cartridge, cal.50	2,952,271	68,568	61	61	2	2
Links, met. belt, cal.50	3,068,633	92,833	80	80	4	3
Shot & shell, 37mm	39,896	239	49	85	-	1
Shell, H.E., 60mm	11,310	39	72	100	-	-
Shell, H.E., 81mm	4,116	116	85	100	3	3
Shell, smoke, 81mm	456	0	86	100	0	0
Grenade, H.E., frag.	2,082	527	76	100	15	25
Signals, ground & light	4,179	729	73	100	28	17
Mine, antitank	3,146	0	65	94	0	0

AMMUNITION - 37MM PARTS - CONTRACTED, PRODUCED AND ON HAND - SEPTEMBER 30, 1941

Source of Information: Ammunition Division, Ordnance Department

The tabulations on this page and the following page summarize the reports of all component metal parts of 37mm ammunition under procurement on September 30, 1941. The quantities in incomplete contracts, aggregate production by manufacturers, stocks in the hands of the Ordnance Department, and similar information on loaded fuzes and primers, are shown.

The progress of procurement of the 12 types of complete rounds is indicated on the preceding page. The total program, including only 3 1/2 million rounds being purchased with Defense Aid funds, numbers 69 million rounds. This is more than half of the approximately 126 million rounds of all types of artillery and mortar ammunition being bought by the Ordnance Department.

F U Z E S

Type of Ammunition	Type of Fuze	Under Contract (Thous.)	Produced (Thous.)	% of Contract	Stocks on Hand (Thous.)
Shell, H.E., aircraft & antiaircraft	<u>Point Detonating - M56</u>				
	Metal parts - incomplete sets	3,357	600	18	600
	balanced sets	12,320	1,912	16	964
	Available loaded fuzes	14,322	1,314	9	312
Shell, prac., aircraft & antiaircraft	<u>Dummy - M50</u>				
	Metal parts - incomplete sets	0	0	0	0
	balanced sets	0	0	0	0
	Available loaded fuzes	1,933	1,032	53	1,218
Shell, H.E., tank & antitank	<u>Base Detonating - M58</u>				
	Metal parts - incomplete sets	0	0	0	0
	balanced sets	9,350	0	0	0
	Available loaded fuzes	8,849	0	0	0
Shell, prac., tank & antitank	<u>Base Practice - M38</u>				
	Metal parts - incomplete sets	0	0	0	0
	balanced sets	1,303	427	33	139
	Available loaded fuzes	1,608	507	32	273

Continued on following page.

AMMUNITION - 37MM PARTS - CONTRACTED, PRODUCED, AND ON HAND - SEPTEMBER 30, 1941

Source of Information: Ammunition Division, Ordnance Department

(Continued from preceding page)

METAL COMPONENTS

Type of Ammunition	Type of Component	Under Contract	Produced	% of Contract	Stocks on Hand
<u>Shot & Shell</u>					
Shell, H.E., aircraft & antiaircraft	Complete shell M54	12,843	3,135	24	3,965
Shot, armor piercing, anti-aircraft	Complete shot M59	400	0	0	0
Shell, practice, aircraft & antiaircraft	Complete shell M55A1	1,933	791	41	801
Shell, H.E., tank & antitank	Complete shell M63	8,350	0	0	0
Shell, H.E. & practice, tank and antitank	Complete shell MkII	-	-	-	1,283
Shot, armor piercing, tank & antitank	Complete shot M51 A.P.	15,285	497	3	278
Shot, practice, tank & anti-tank	Complete shot M51 T.P.	669	5	1	200
<u>Cartridge Case</u>					
Shell, H.E. & practice, aircraft	Cartridge case MkIIIA2	1,319	702	52	1,347
Shell, H.E. & practice; & shot, A.P., antiaircraft	Cartridge case M17	15,821	3,757	24	3,102
Shell, H.E. & practice, tank & antitank	Cartridge case MkIA2	1,280	744	58	648
Shell, H.E.; & shot, A.P. & practice, tank & antitank	Cartridge case M16	25,650	5,862	23	5,091
<u>Primer</u>					
All types of 37mm ammunition	Primer M23A1				
	Metal parts: without loaded subassemblies	23,733	449	2	0
	with loaded subassemblies	13,495	1,785	13	1,009
	Available loaded primers	-	-	-	4,854

NEW FACILITIES - PROGRESS AS OF OCTOBER 15, 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
Radford Ord. Works	98	[Bar from 0 to 98]					100	[Bar from 0 to 100]					
Indiana Ord. Works	95	[Bar from 0 to 95]					100	[Bar from 0 to 100]					
Alabama Ord. Works	31#	[Bar from 0 to 31]					45#	[Bar from 0 to 45]					
Oklahoma Ord. Works	1	[Bar from 0 to 1]					0	[Bar from 0 to 0]					
Badger Ord. Works	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					
Kankakee Ord. Works	94#	[Bar from 0 to 94]					98#	[Bar from 0 to 98]					
Weldon Spring Ord. Works	92#	[Bar from 0 to 92]					85#	[Bar from 0 to 85]					
Plum Brook Ord. Works	51#	[Bar from 0 to 51]					14#	[Bar from 0 to 14]					
Volunteer Ord. Works	11	[Bar from 0 to 11]					0	[Bar from 0 to 0]					
Keystone Ord. Works	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					
Gadsden Ord. Plant	99	[Bar from 0 to 99]					85	[Bar from 0 to 85]					

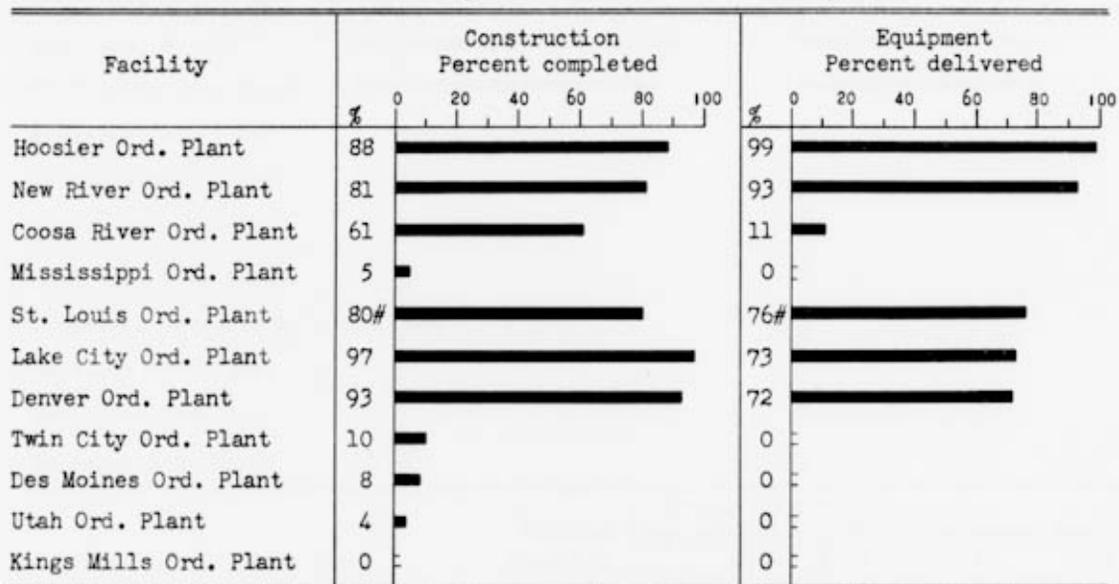
Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	3.8 Tons	\$ 57,000	91	4-41#	9-41
Indiana	Charlestown, Ind.	7.8 Tons	114,700	81	4-41#	1-42
Alabama	Sylacauga, Ala.	3.8 Tons	60,000	70	3-42	5-42
Oklahoma	Choteau, Okla.	3.8 Tons	64,000	-	-	-
Badger	Merrimac, Wisc.	3.8 Tons	65,000	-	-	-
<u>Tetryl & Azide</u>						
Kankakee	Wilmington, Ill.	.5 Tons	-	-	11-41	11-41
<u>TNT & DNT</u>						
Kankakee	Wilmington, Ill.	7.7 Tons	55,000	84	9-41#	11-41
Weldon Spring	Weldon Spring, Mo.	6.6 Tons	39,493	73	10-41#	5-42
Plum Brook	Sandusky, Ohio	6.6 Tons	33,518	52	12-41	4-42
Alabama	Sylacauga, Ala.	2.5 Tons	32,000	27	3-42	5-42
Volunteer	Chattanooga, Tenn.	6.6 Tons	46,000	3	1-42	-
Keystone	Geneva, Pa.	5.0 Tons	45,000	-	-	-
<u>Sh. Mach. & Forg.</u>						
Gadsden	Gadsden, Ala.	210	7,571	32	8-41#	3-42

Does not include additions.

Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

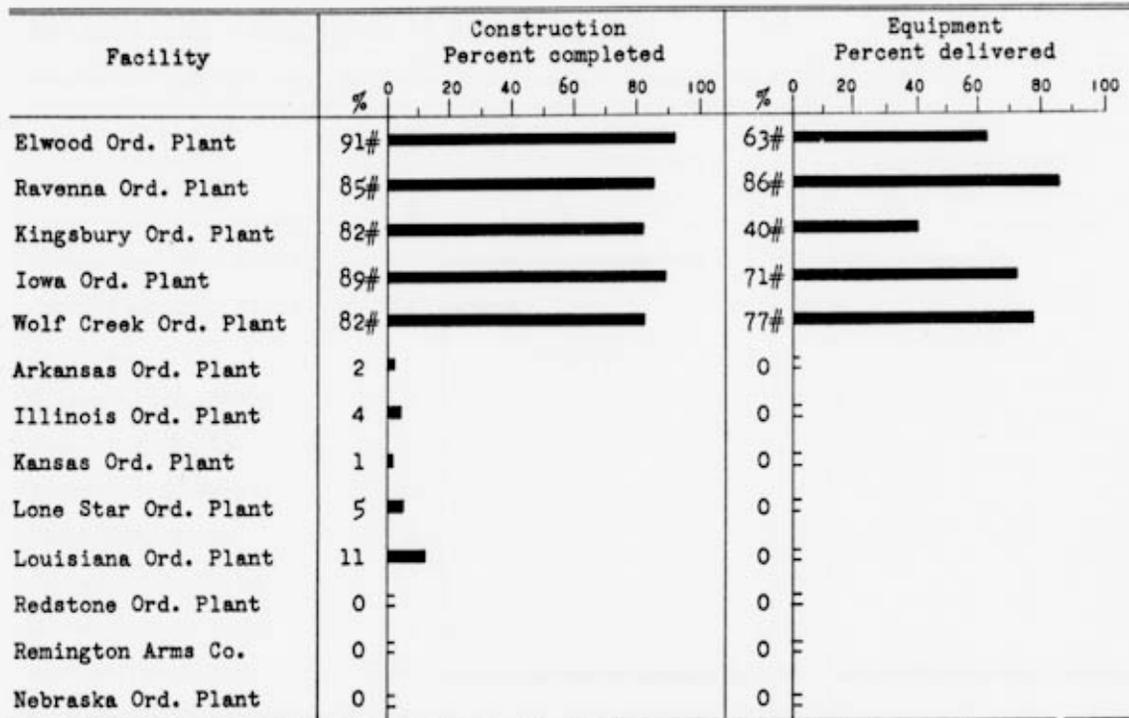


Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 27,000	84	9-41 6	11-41
New River	Pulaski, Va.	2.7 Tons	16,000	72	9-41 6	1-42
Coosa River	Sylacauga, Ala.	2.7 Tons	16,500	40	1-42	5-42
Mississippi	Flora, Miss.	2.7 Tons	17,000	2	1-42	5-42
<u>S. A. Ammunition</u>		(ROUNDS)				
St. Louis	St. Louis, Mo.	200,000	110,000	53	11-41	1-42
Lake City	Lake City, Mo.	65,000	38,000	78	10-41 6	1-42
Denver	Denver, Colo.	100,000	38,000	78	10-41 6	2-42
Twin City	St. Paul, Minn.	65,000	36,500	23	4-42	-
Des Moines	Des Moines, Iowa	65,000	36,800	17	4-42	-
Utah	Salt Lake, Utah	65,000	36,500	18	4-42	-
Kings Mills	Kings Mills, Ohio	62,500	8,000	-	-	-

Does not include additions. ∅ Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



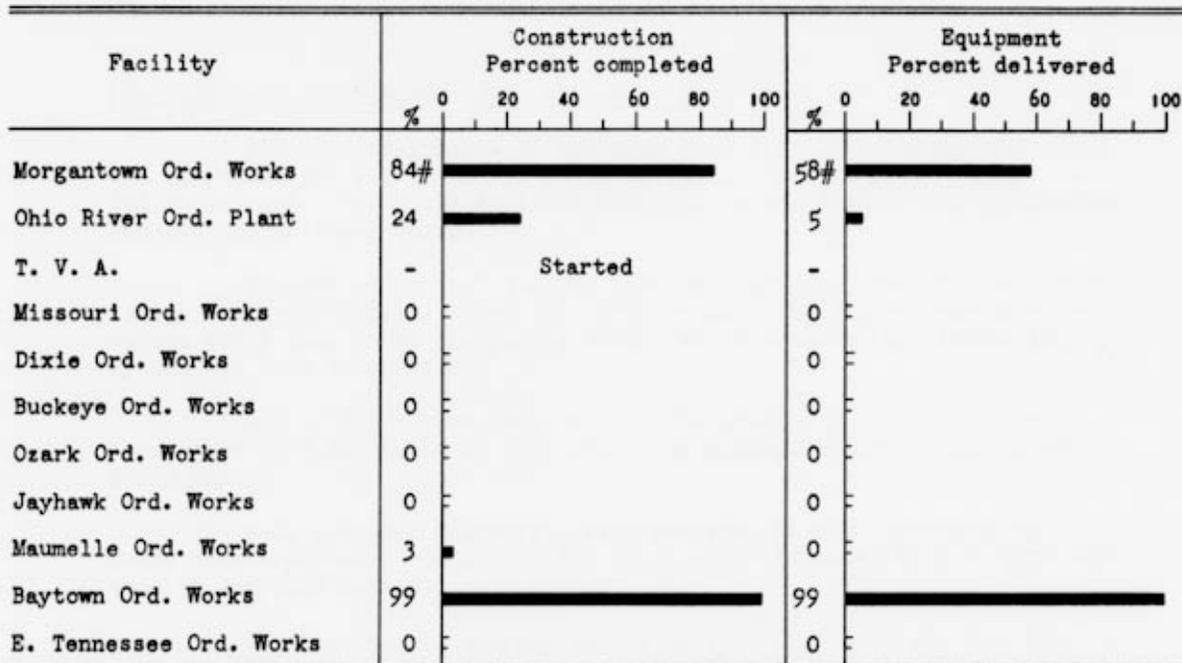
Facility	Location	Planned Capacity Monthly	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill.	4 Lines	\$ 49,000	70	7-41 6	12-41
Ravenna	Ravenna, Ohio	4 Lines	55,000	79	8-41 6	2-42
Kingsbury	LaPorte, Ind.	6 Lines	40,000	79	8-41 6	4-42
Iowa	Burlington, Iowa	4 Lines	44,187	81	7-41 6	12-41
Wolf Creek	Milan, Tenn.	5 Lines	35,000	84	9-41 6	2-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	33,500	4	1-42	6-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	5	-	8-42
Kansas	Parsons, Kans.	3 Lines	35,000	8	1-42	8-42
Lone Star	Texarkana, Texas	5 Lines	45,500	9	1-42	5-42
Louisiana	Minden, La.	4 Lines	36,000	17	1-42	4-42
Redstone	Huntsville, Ala.	Chem. Shell & Bombs	8,000	-	7-42	9-42
Remington	Bridgeport, Conn.	-	225	-	-	-
<u>Bomb Loading</u>						
Nebraska	Wahoo, Nebr.	100# Bombs	28,000	-	-	-

Does not include additions.

6 Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Ammonia</u>						
Morgantown	Morgantown, W. Va.	13.0 Tons	\$ 42,800	57	11-41	10-42
Ohio River	Henderson, Ky.	4.5 Tons	14,677	37	6-42	7-42
T. V. A.	Muscle Shoals, Ala.	-	-	-	4-42	5-42
Missouri	Louisiana, Mo.	4.5 Tons	18,425	1	10-42	5-43
Dixie	Monroe, La.	4.5 Tons	13,750	1	10-42	11-42
Buckeye	South Point, Ohio	4.5 Tons	20,000	-	-	-
Ozark	El Dorado, Ark.	3.0 Tons	22,500	-	-	-
<u>Ammonium Nitrate</u>						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	17,700	-	10-42	-
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	11-41	5-42
Ozark	El Dorado, Ark.	3.0 Tons	-	-	-	-
<u>Ammonium Picrate</u>						
Maumelle	Marche, Ark.	1.1 Tons	12,500	18	5-42	-
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	12,900	96	10-41 ⁶	11-41
<u>Oleum</u>						
E. Tennessee	Copperhill, Tenn.	13.2 Tons	2,375	-	1-42	7-42

Does not include additions.

⁶ Operations actually started.

TEXT SUMMARY -- ARMY AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

ARMY AIRPLANE DELIVERIES - F.Y. 1917-F.Y. 1942

Airplane deliveries to the Army from F.Y. 1917 through F.Y. 1941 and estimates for F.Y. 1942 are given in tabular and diagram form on the following page. Units are included from all funds--Regular Army, Organized Reserve and National Guard.

Figures prior to F.Y. 1929 have been obtained from the available records at Wright Field. From F.Y. 1929 to date the figures are more accurate since they cover the period during which a mechanical tabulating system has been in operation.

Only 9 deliveries were made to the Army in F.Y. 1917. Acceptances grew to 7,023 units by F.Y. 1919, the maximum effort of the first World War.

Peak post-war deliveries were recorded in F.Y. 1931 when 700 units were accepted. Production for the Army of 48 units in F.Y. 1935 was the low for this period.

Deliveries were sharply upward by F.Y. 1941 when the Army accepted 4,429 units. This was greater than total acceptances during the ten prior fiscal years.

The Army estimate of 17,121 units for F.Y. 1942 includes tentative orders for about 200 units. At the end of September, 2,532 airplanes had already been delivered during the current fiscal year. This represented 15 percent of the F.Y. 1942 estimate and 57 percent of the total Army deliveries during F.Y. 1941.

ARMY AIRPLANE DELIVERIES - OCTOBER 1-23, 1941

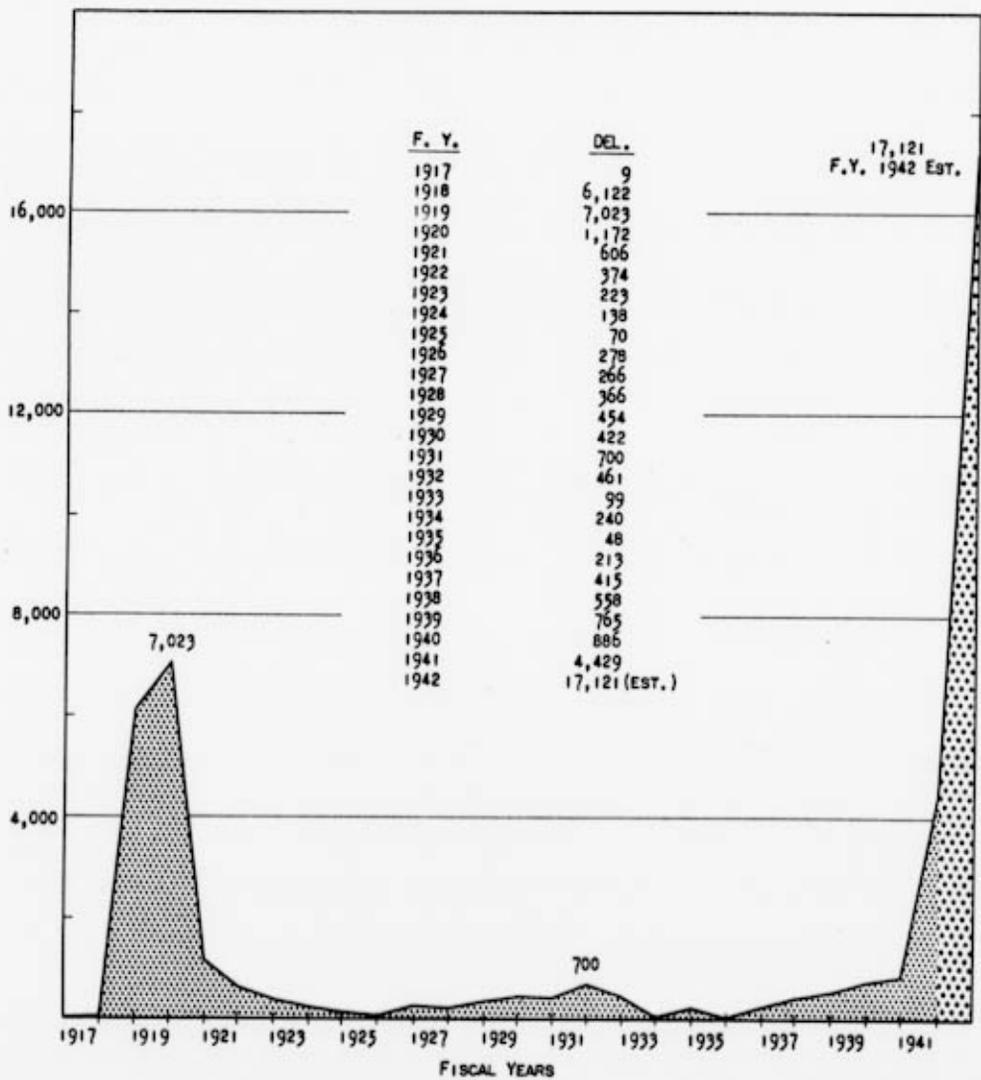
Total deliveries to the Army during the first three quarters of October amounted to 796 or 200 units more than during the corresponding September period. This is an increase of 34 percent.

Combat acceptances for the first three quarters of October totalled 212 in comparison with 135 during the comparable September period. This is an increase of 57 percent.

Combat production for the Army through October 23 consisted of 5 heavy bombers, 17 medium bombers, 6 light bombers, and 184 pursuits.

ARMY AIRPLANE DELIVERIES - F.Y. 1917-1942

Source of Information: Materiel Division - Air Corps



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

Source of Information: Consolidated Statistical Report - Air Corps

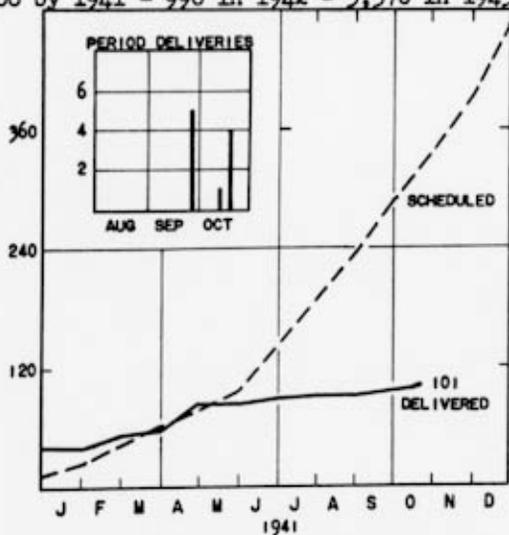
Item	Army program			Under contract		Delivered 10/23/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,826	98	101	-	76
Medium bomber	4,616	1,200	5,816	4,616	79	342	-	1,200
Light bomber	1,882	150	2,032	1,382	68	228	500	150
Pursuit fighter	709	1,150	1,859	859	46	90	-	1,000
Pursuit interceptor	4,394	4,700	9,094	7,044	77	1,391	-	2,050
Observation	533	-	533	533	100	286	-	-
Transport	1,118	230	1,348	1,348	100	97	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	20,700	81	2,550	500	4,476
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,766	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,851	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	834	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,532	93	152	-	250
Total Trainer	16,470	3,060	19,530	19,280	99	5,603	-	250
Grand Total	32,059	13,147	45,206	39,980	88	8,153	500	4,726
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	17,784	91	2,367	1,520	304
Medium bomber	9,232	3,200	12,432	9,228	74	1,017	4	3,200
Light bomber	3,576	150	3,726	2,576	69	1,213	1,000	150
Pursuit fighter	1,418	2,300	3,718	1,392	37	896	26	2,300
Pursuit interceptor	4,394	4,700	9,094	5,244	58	1,727	-	3,850
Observation	533	-	533	533	100	515	-	-
Transport	2,358	460	2,818	2,136	76	447	462	220
Amphibian	148	2	150	150	100	42	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	39,077	75	8,258	3,012	10,024
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,965	-	-
Basic trainer	5,051	1,100	6,151	5,051	82	1,928(d)	-	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	1,622(d)	-	1,400
Total Trainer	19,102	4,210	23,312	20,452	88	8,812	-	2,860
Grand Total	49,779	25,646	75,425	59,529	79	17,070	3,012	12,884

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.
- (d) Current deliveries reduced by transfer of installation units to spares.

ARMY PROJECT AIRPLANES

4,826 HEAVY BOMBER

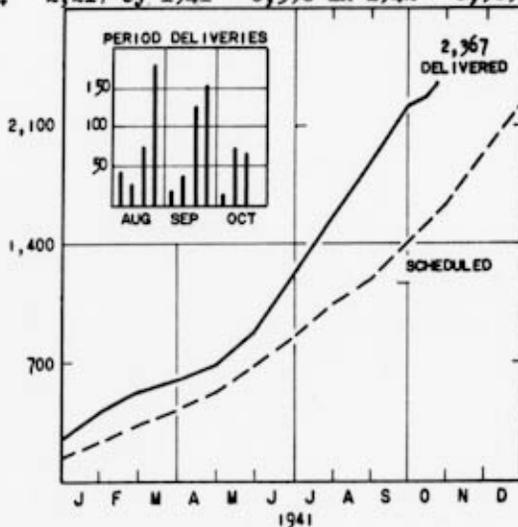
466 by 1941 - 990 in 1942 - 3,370 in 1943-44



ARMY INSTALLATION ENGINES

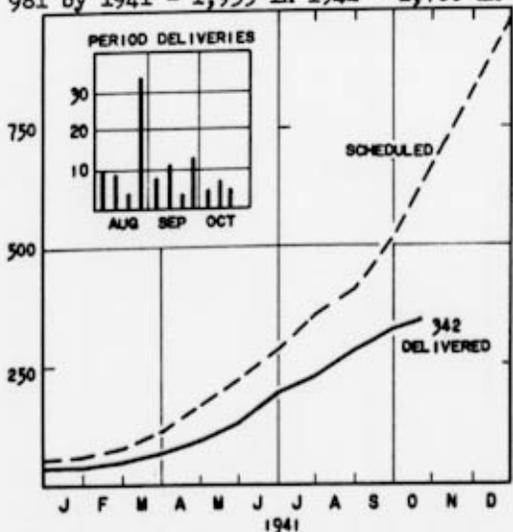
17,784 HEAVY BOMBER

2,217 by 1941 - 6,598 in 1942 - 8,969 in 1943



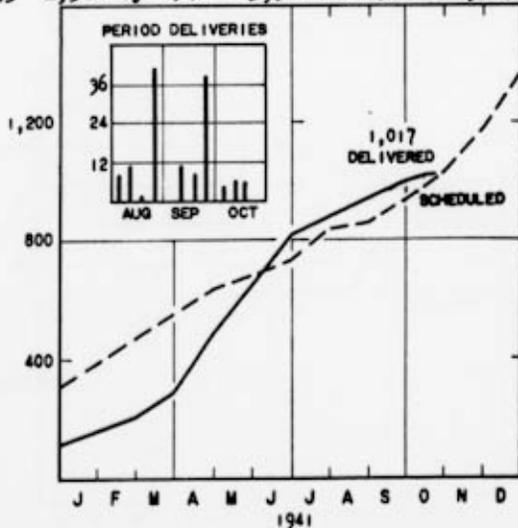
4,616 MEDIUM BOMBER

981 by 1941 - 1,935 in 1942 - 1,700 in 1943



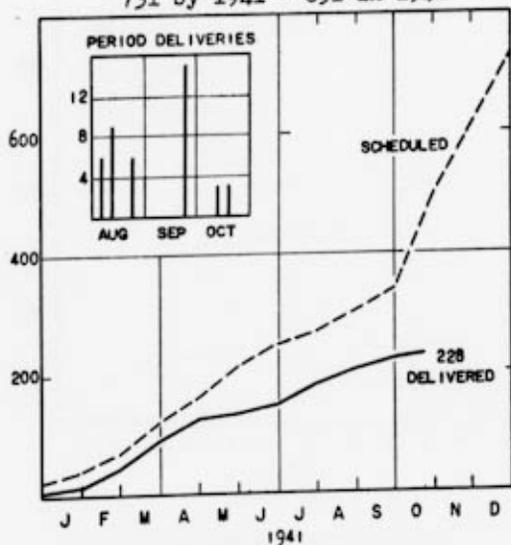
9,228 MEDIUM BOMBER

1,362 by 1941 - 3,521 in 1942 - 4,345 in 1943-44



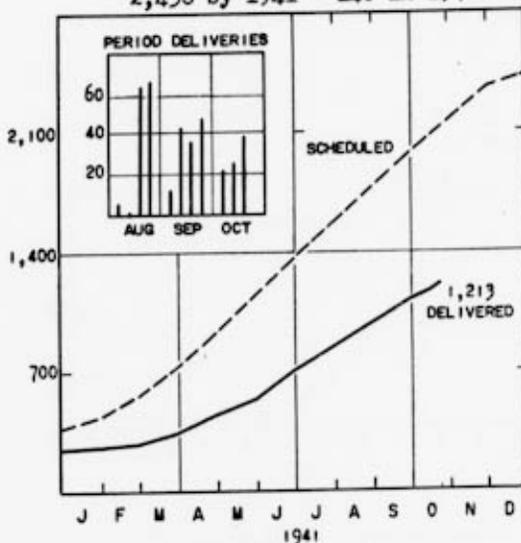
ARMY PROJECT AIRPLANES

1,382 LIGHT BOMBER
731 by 1941 - 651 in 1942

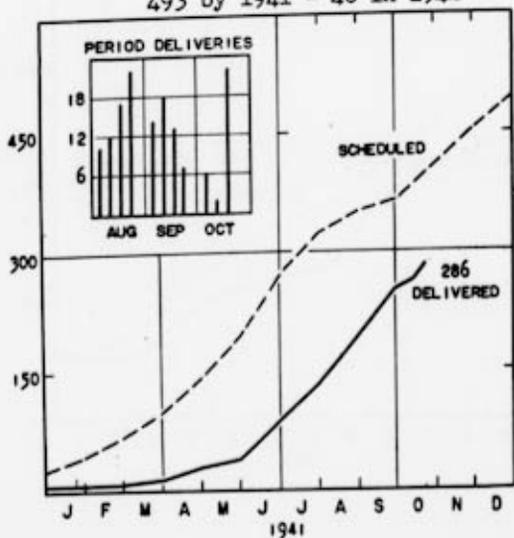


ARMY INSTALLATION ENGINES

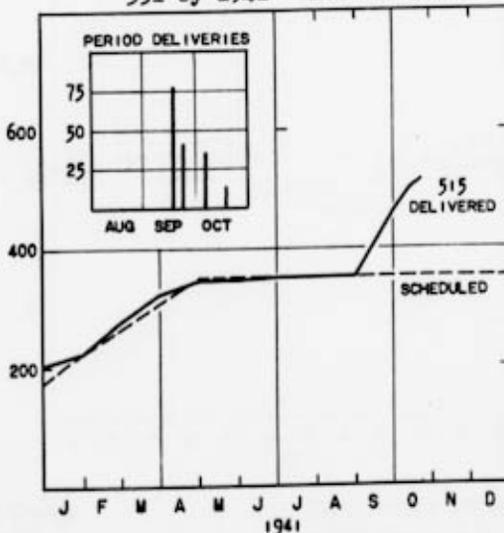
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



533 OBSERVATION
493 by 1941 - 40 in 1942

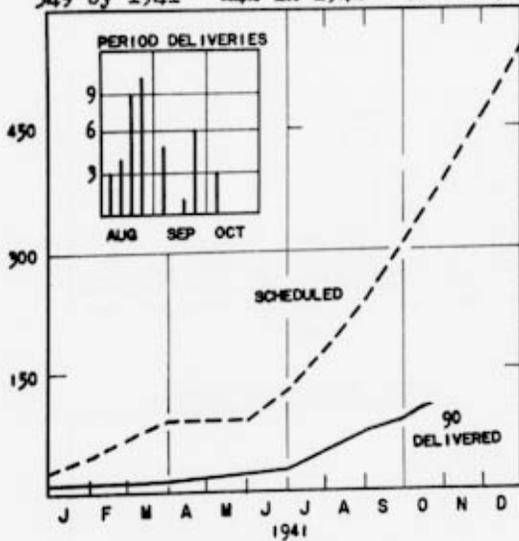


533 OBSERVATION
351 by 1941 - 182 in 1942



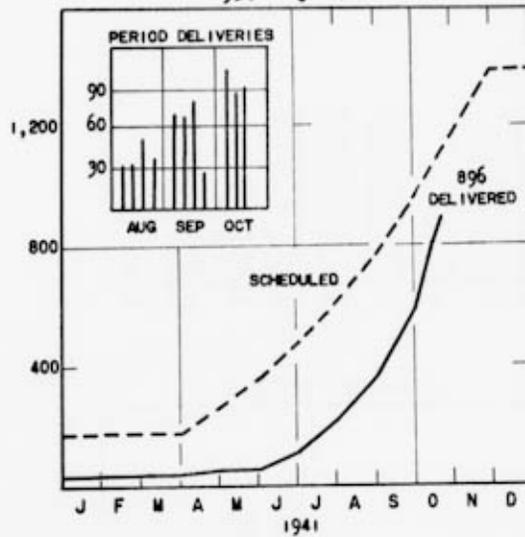
ARMY PROJECT AIRPLANES

859 PURSUIT FIGHTER
549 by 1941 - 242 in 1942 - 68 in 1943

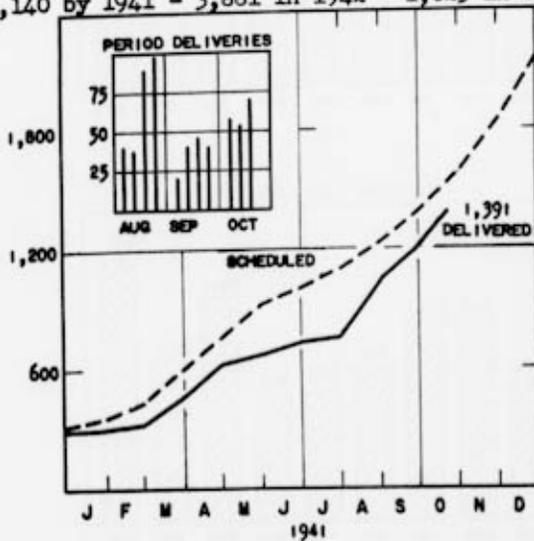


ARMY INSTALLATION ENGINES

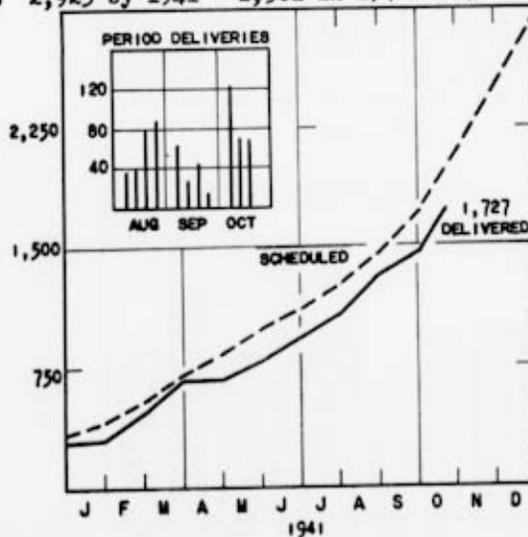
1,392 PURSUIT FIGHTER
1,392 by 1941



7,044 PURSUIT INTERCEPTOR
2,140 by 1941 - 3,881 in 1942 - 1,023 in 1943



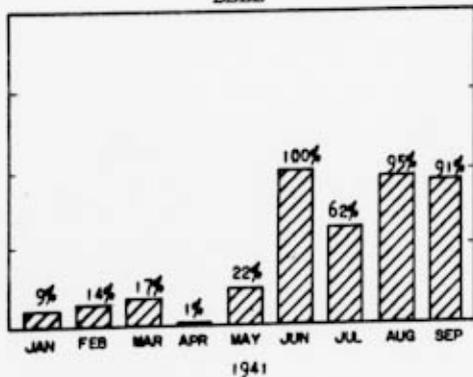
5,244 PURSUIT INTERCEPTOR
2,923 by 1941 - 1,581 in 1942 - 740 in 1943



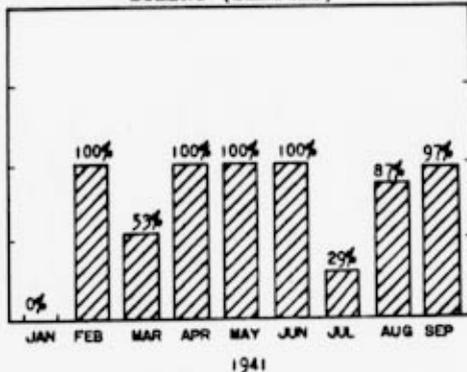
PERCENT OF MONTHLY ESTIMATE DELIVERED BY COMPANY - ALL CUSTOMERS

Source of Information: Consolidated Statistical Report - Air Corps

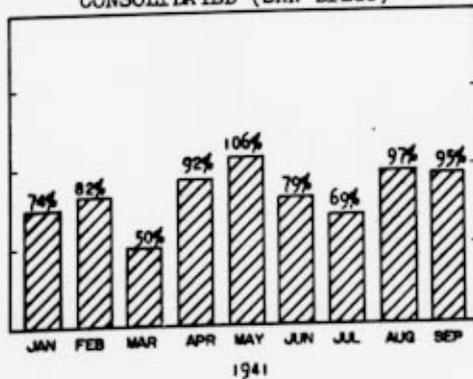
BELL



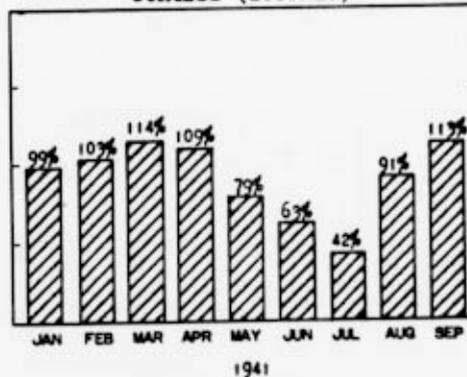
BOEING (SEATTLE)



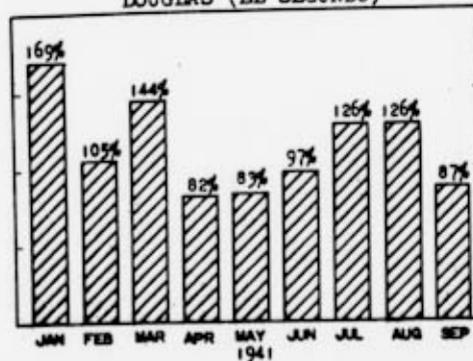
CONSOLIDATED (SAN DIEGO)



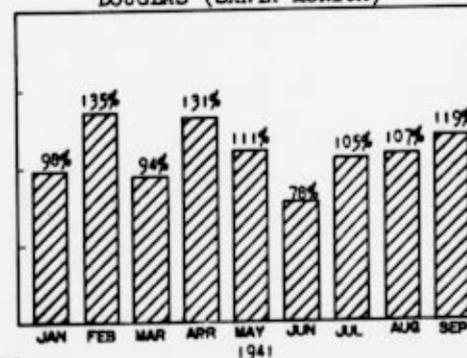
CURTISS (BUFFALO)



DOUGLAS (EL SEGUNDO)



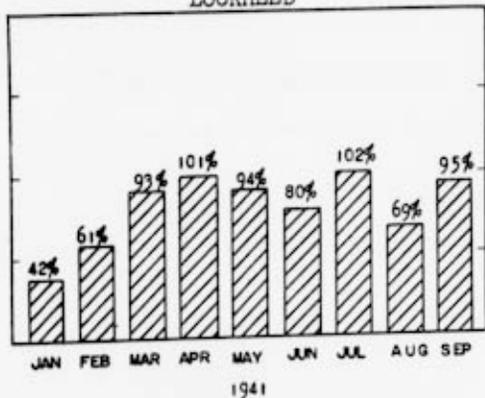
DOUGLAS (SANTA MONICA)



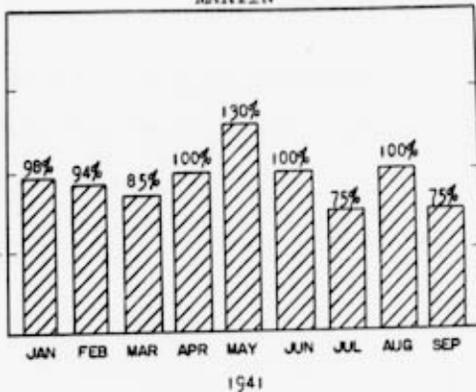
PERCENT OF MONTHLY ESTIMATE DELIVERED BY COMPANY - ALL CUSTOMERS

Source of Information: Consolidated Statistical Report - Air Corps

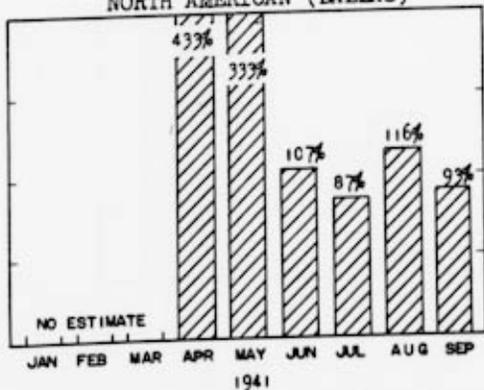
LOCKHEED



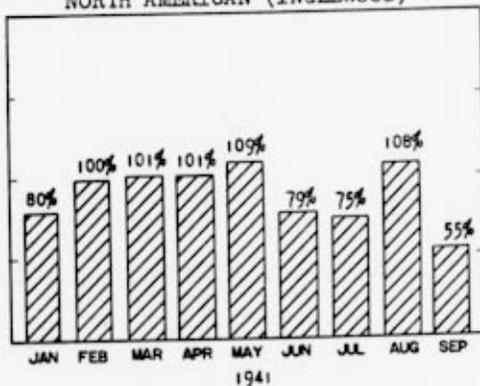
MARTIN



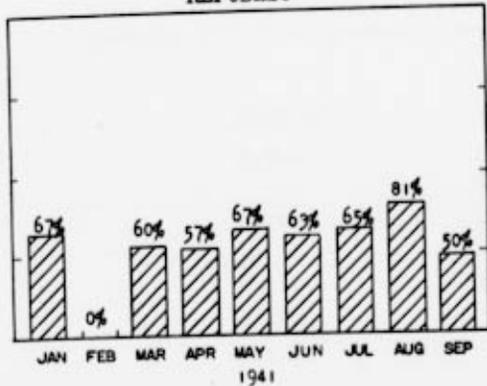
NORTH AMERICAN (DALLAS)



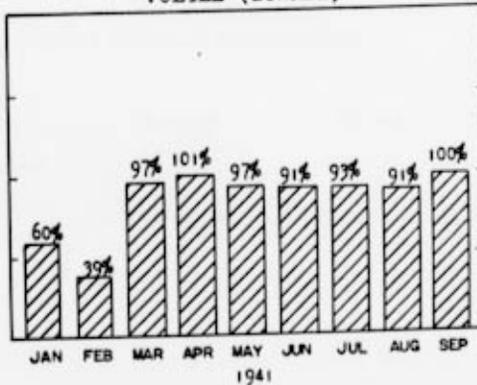
NORTH AMERICAN (INGLEWOOD)



REPUBLIC

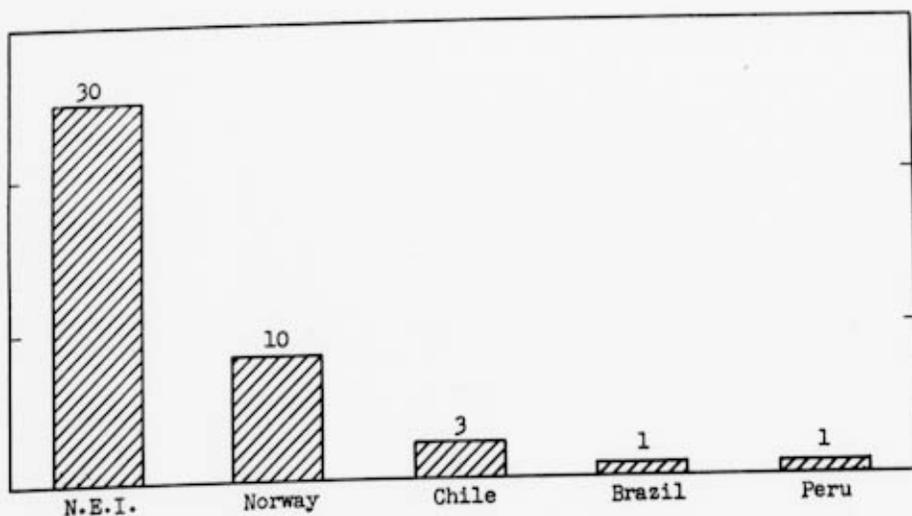


VULTEE (DOWNEY)



FOREIGN AIRPLANE DELIVERIES OTHER THAN BRITISH - JULY-SEPTEMBER 1941

Source of Information: Consolidated Statistical Report - Air Corps



New production of military airplanes for foreign customers other than Britain declined during the first three months of F.Y. 1942. Only 45 airplanes were delivered to these purchasers in comparison with 97 during the comparable F.Y. 1941 period. Transfers of stocks are not considered.

<u>Country</u>	<u>Type</u>	<u>Number</u>	<u>Total</u>
N.E.I.	Medium bomber	19	30
	Transport	11	
Norway	Transport	1	10
	Trainer	9	
Chile	Trainer	3	3
Brazil	Transport	1	1
Peru	Transport	1	1
Grand Total			45

Air Corps
26

Statistics Branch
OUSW - 11-1-41

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 30, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of October 15, complete delivery has been made on 71 of the 132 basic items being procured from 1941 funds. The 61 remaining items are completely contracted and an average of 86 percent of their total programs has been procured. Thirty-four of thirty-six Deficiency Appropriation items have been completely contracted and an average of 74 percent of their combined programs has been delivered. Of the combined 1942 programs, an average of 61 percent has been contracted and an average of 5 percent has been delivered.

Contracts -- During the quarter-monthly period ended October 15, contracts were awarded on 23 of the 1942 items, representing 44 million units at a cost of 15 million dollars.

Deliveries -- During the quarter-monthly period ended October 15, deliveries were effected on 48 of 61 items procured from 1941 funds; on 31 of 36 items procured from Deficiency Appropriation funds; and on 47 of 153 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 321 basic items being procured from 1941, 1942 and Deficiency Appropriation funds:

77 are delinquent, of which 22 are more than 10 percent delinquent;
66 are ahead of schedule, of which 14 are more than 10 percent ahead.

MOTOR VEHICLES

Contracts -- As of October 15, contracts have been awarded for 282,085 vehicles obligating 394 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 224,206 vehicles has been contracted, and 77 percent delivered. Ninety-four percent (57,879) of the estimated 1942 program has been contracted of which 48 vehicles have been delivered.

Deliveries -- During the quarter-monthly period ended October 15, deliveries were reported on 2,967 vehicles. This brings cumulative deliveries under 1941 funds to 172,431 vehicles at a cost of 221 million dollars, and the delivery figure under 1942 funds to 48 vehicles at a cost of 30,097 dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 7,930 vehicles were behind schedule; 3,573 vehicles, however, were delivered ahead of schedule.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 30, 1941

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

CONSTRUCTION

Obligations -- As of October 15, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 1,755 million dollars or 74 percent of the estimated total cost. Ninety-three percent of the 1941 program and 29 percent of the 1942 program have been obligated.

Construction in Place -- Construction in place for combined 1941 and 1942 programs amounts to 1,498 million dollars or 63 percent of the currently estimated cost. Eighty-eight percent of the total housing requirements is available and 72 percent has been occupied. Of the 586 projects currently authorized.

198 projects are 100% complete
56 " " from 95 to 99% complete
95 " " from 76 to 94% complete
66 " " from 51 to 75% complete
62 " " from 26 to 50% complete
84 " " from 1 to 25% complete
25 " " not started

Schedules & Delinquencies -- Of the 307 projects from 1 to 94 percent complete, 116 are ahead of schedule, 137 are on schedule and 54 are behind schedule. Value of construction in place, however, is one percent ahead of scheduled construction.

In addition to the program indicated above, the Construction Division has taken over the construction of 220 proposed recreational facilities to be operated by the U.S.O. As of October 26, the F.W.A. has transferred funds for the construction of 213 of these projects at an estimated cost of 14 million dollars. Contracts totaling 7 million dollars have been awarded on 133 projects of which 109 have been started at an estimated cost of \$5,768,000. One small project at Louisville, Kentucky has been completed.

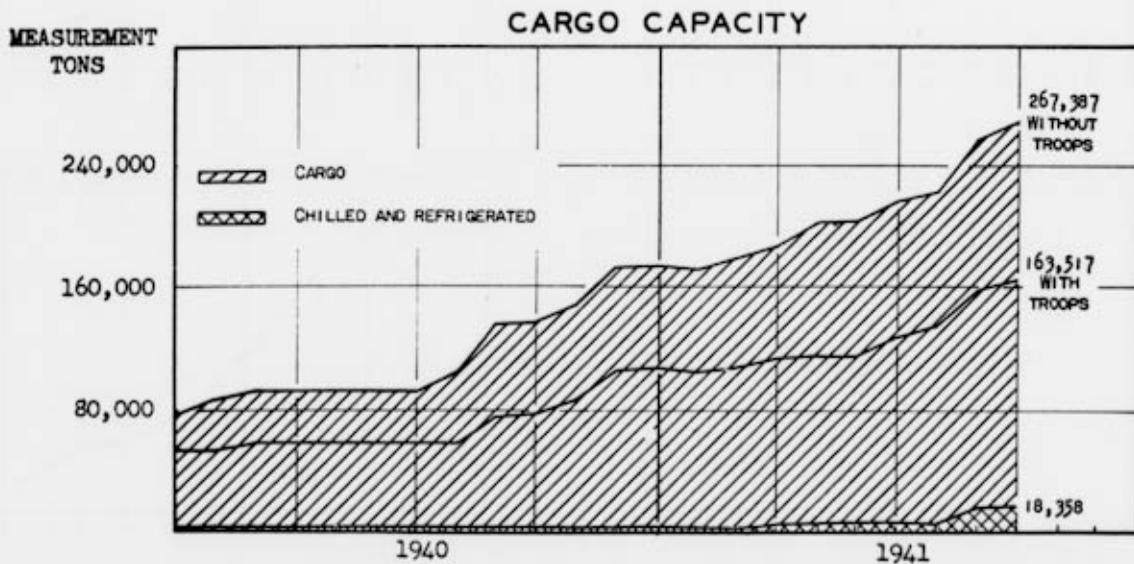
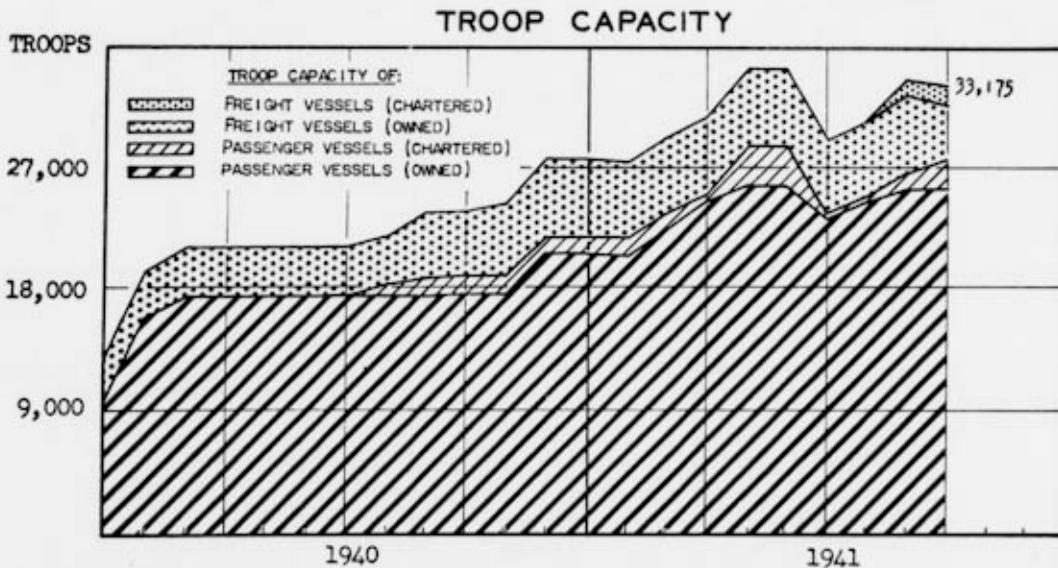
LABOR DIFFICULTIES -- Strikes are currently affecting quartermaster procurement as follows:

<u>Item affected</u>	<u>Man days</u>	<u>Contractor's Name & Address</u>
Copper wire	26,250	Anaconda Wire & Cable Co., Muskegon, Mich.
Cans for cured meats	20,000	American Can Company, Chicago, Ill.
Cotton underwear	5,750	Rice Stix Co., Slater, Mo.
Fenders & sheet metal parts	4,050	York Corrugating Company, York, Pa. 1/
Serge cloth	3,825	Premier Worsted Co., Woonsocket, R. I.
Motor vehicle door hinges	3,710	McKinney Mfg. Co., Pittsburgh, Pa. 2/
Motor vehicle parts	3,400	Kelsey-Hayes Wheel Corp., Plymouth, Mich. 3/
Motor vehicle fuel lines	3,000	Wolverine Tube Co., Detroit, Mich. 4/
Boats (cabin cruisers)	1,680	Chris-Craft Corp., Algonac, Mich.

1/Sole supplier of fenders for Indian Motorcycle Co. and sheet metal parts for Auto Car Co. Shutdown of Mack Truck's production of tank-hauling tractors threatened.
2/Supplies Chrysler. 3/Supplies American Bantam. 4/Supplies Yellow Truck & Coach.

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

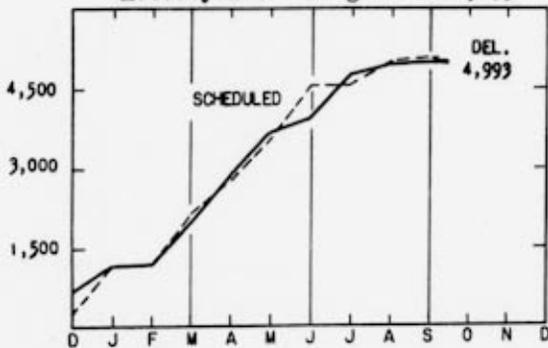
Source: Statistics Branch, Office of the Quartermaster General



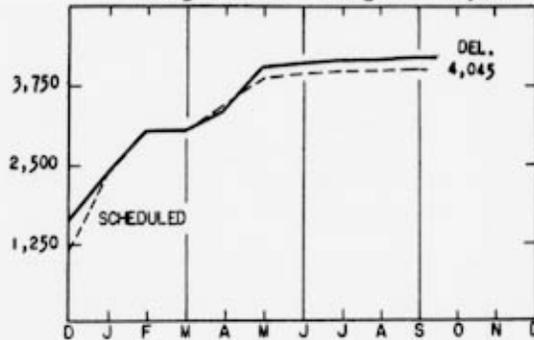
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 - Oct. 15, 1941

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

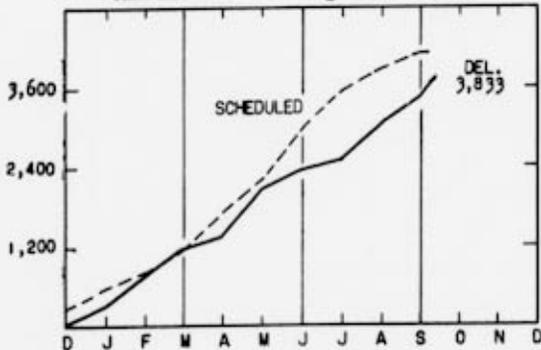
Motorcycles Program - 10,293



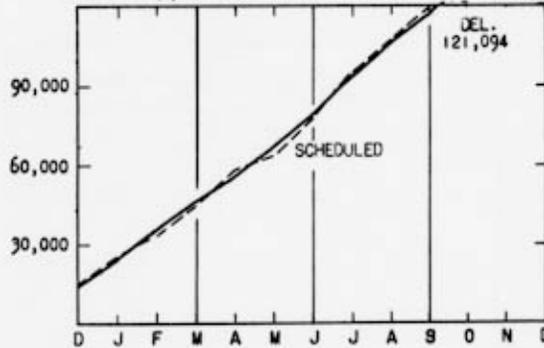
Passenger Cars Program - 4,922



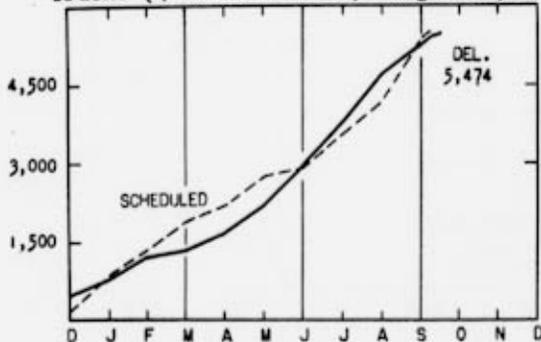
Ambulances Program - 5,635



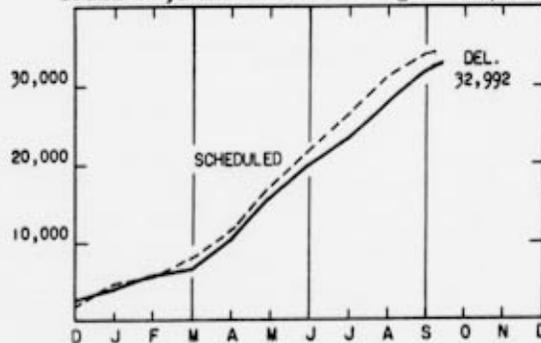
Trucks (1/2-3 ton incl.) Program - 160,829



Trucks (4-ton & heavier) Program - 8,124



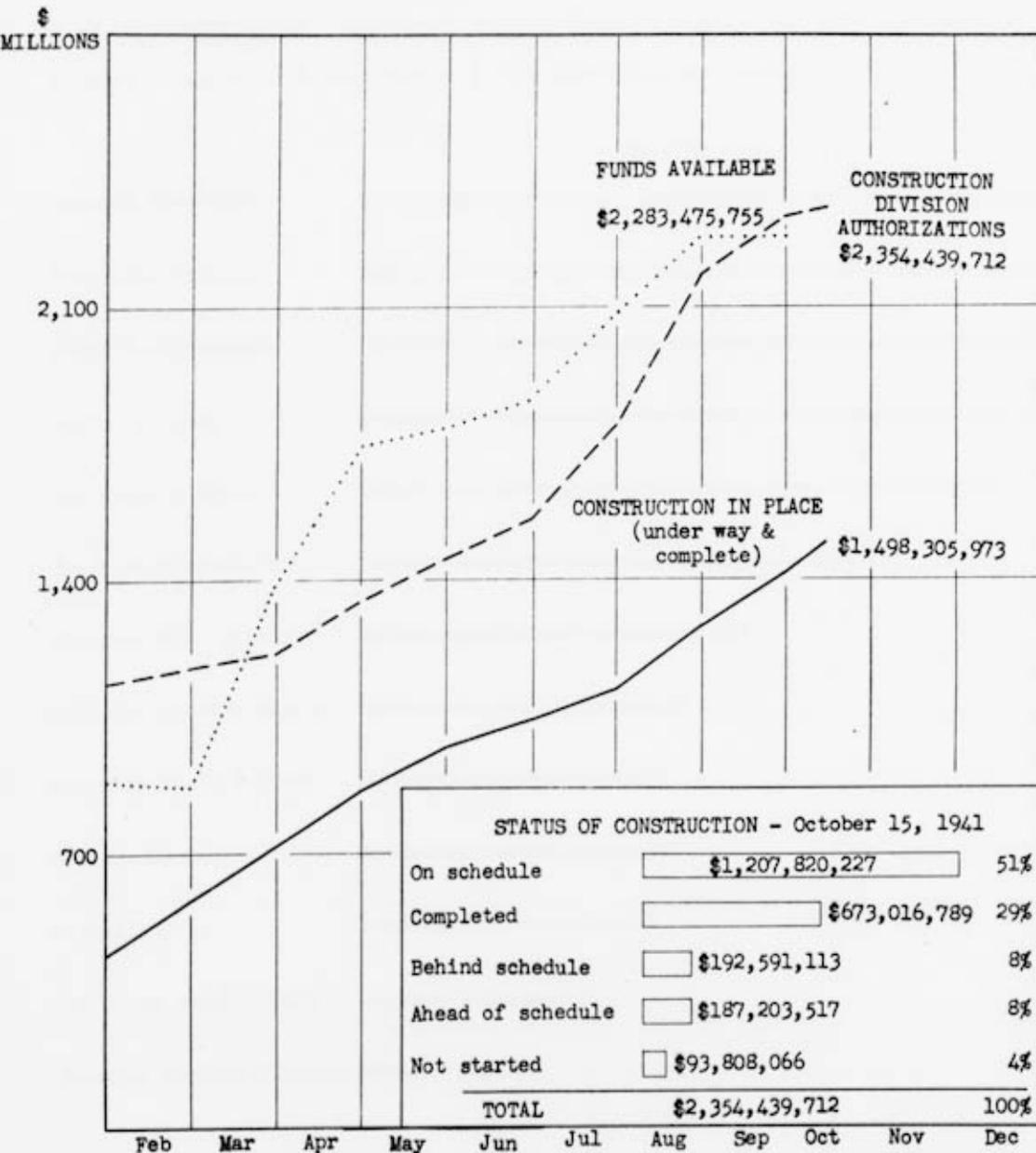
Trailers, Semi-trailers Program - 34,438



Quartermaster Corps

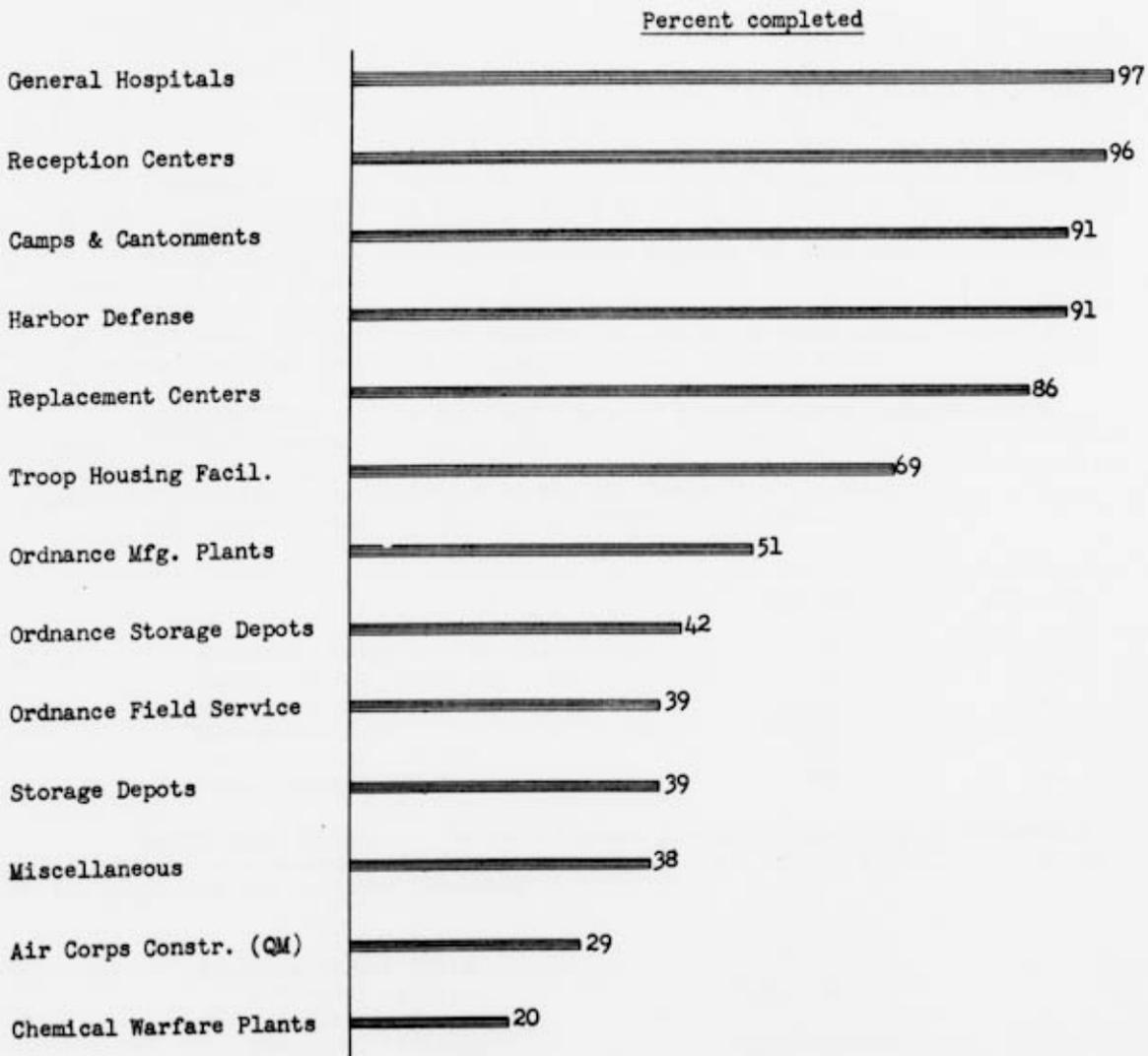
Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - October 15, 1941

Source: Construction Division, Office of the Quartermaster General



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

Source: Statistics Branch, Office of the Quartermaster General



*Based on estimated cost.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - OCTOBER 25, 1941

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

STATUS OF CONTRACTS - Contracts have been awarded for all critical items of aircraft signal equipment on the F.Y. 1941 procurement program.

Funds in the amount of \$320,329,000 have been appropriated for the purchase of critical items of aircraft signal equipment under the Regular and First Supplemental F.Y. 1942 expenditure programs. On October 27, 1941 contracts totalling \$181,471,000 for the procurement of this equipment had been awarded.

DELIVERIES - Deliveries of critical items of aircraft signal equipment on the F.Y. 1941 expenditure program total \$13,703,000 or 15% of the total value of all contracts for this equipment, i.e. \$89,842,000.

No deliveries are due under contracts awarded for procurement of Aircraft items on the F.Y. 1942 Regular and First Supplemental expenditure programs.

There are sixteen critical aircraft signal items upon which deliveries are due. Last week, deliveries were received on twelve of these items. F.Y. 1941 contracts have been completed on five additional Aircraft items.

DELINQUENCIES - Six critical items of aircraft signal equipment are behind delivery schedules. Ample quantities of all major items of aircraft signal equipment on the F.Y. 1941 procurement program are available to meet the requirements of aircraft being delivered to the Air Corps.

The present status of the six delinquent items follows:

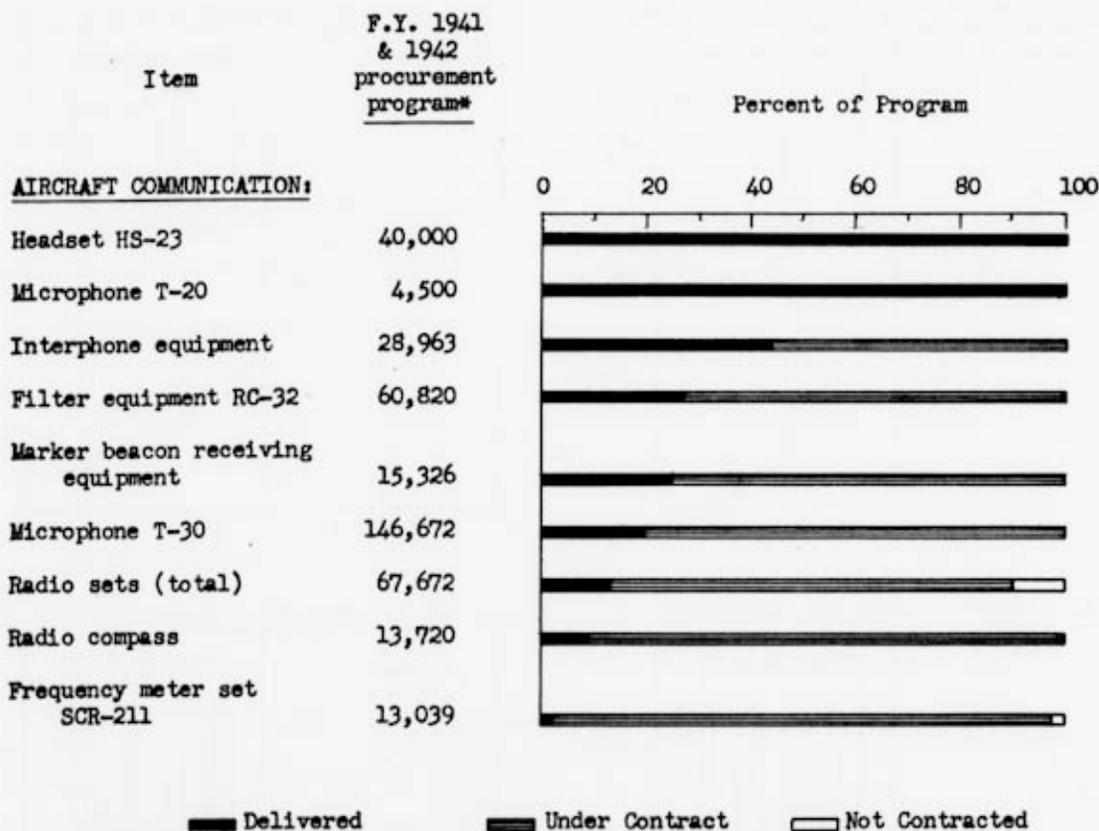
	<u>Due</u> <u>Sept. 30</u>	<u>Delivered</u> <u>Oct. 25</u>
Frequency meter set SCR-211	1,212	214
Marker beacon receiving equipment RC-39	613	600
Marker beacon receiving equipment RC-43	4,338	3,293
Microphone T-30	32,250	30,000
Radio compass SCR-263	700	582
Radio compass SCR-269	908	335

LABOR DIFFICULTIES - Several strikes are either directly or indirectly affecting the procurement of Signal Corps equipment. The following is a list of the companies and products involved.

<u>Company</u>	<u>Products</u>
Anaconda Wire & Cable Muskegon, Michigan	Copper wire
Burgess Battery Company Freeport, Illinois	Dry batteries
Isolantite, Inc. Belleville, N.J.	Insulators for radio equipment
Luce Manufacturing Company Kansas City, Missouri	Subcontractor for Signal Corps carrying chests.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - OCTOBER 25, 1941

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

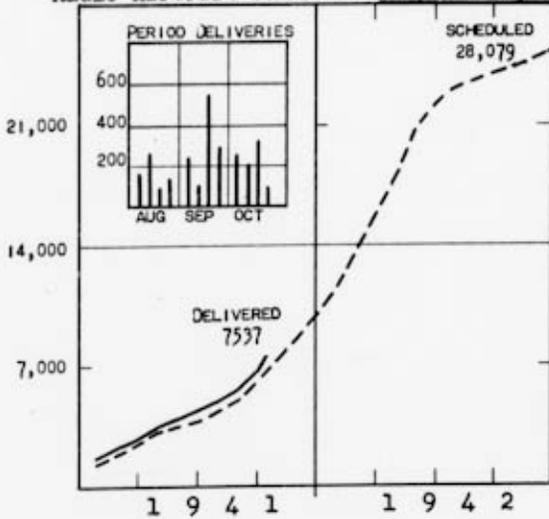


* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

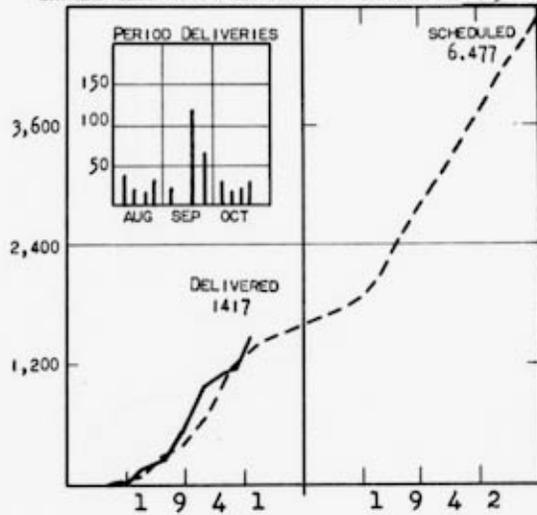
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
OCTOBER 25, 1941

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

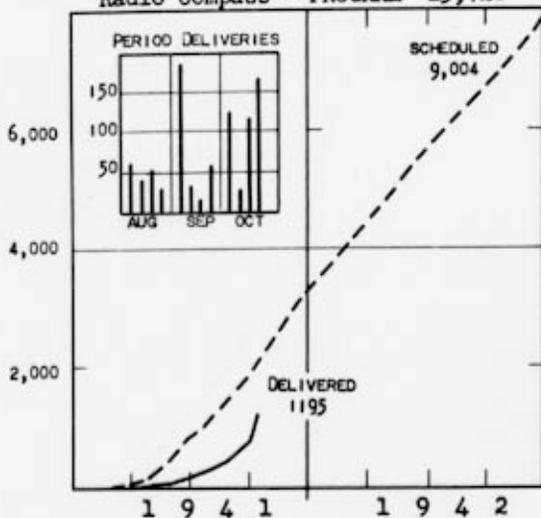
Radio Aircraft Command - PROGRAM 54,209



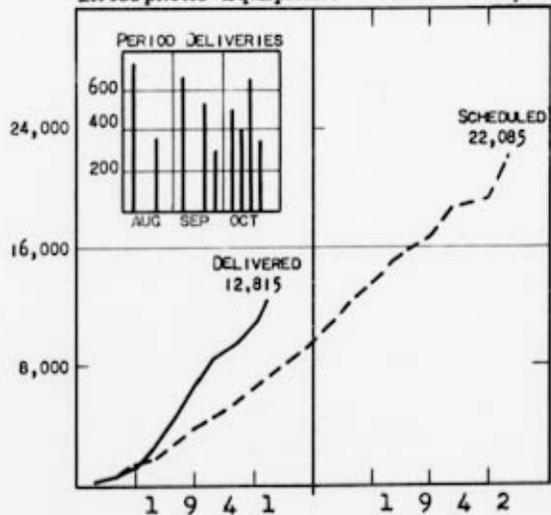
Radio Aircraft Liaison - PROGRAM 13,463



Radio Compass - PROGRAM 13,720



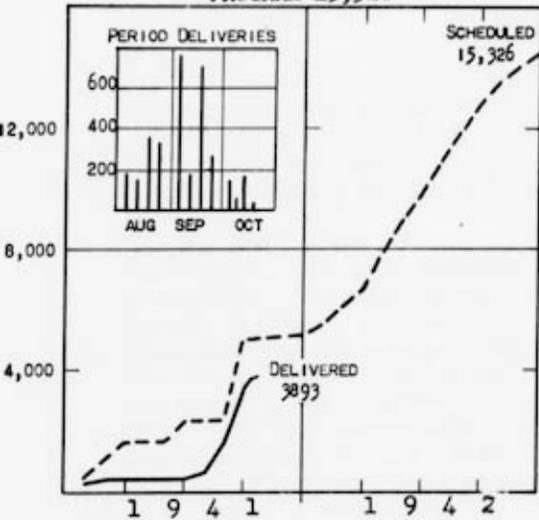
Interphone Equipment - PROGRAM 28,963



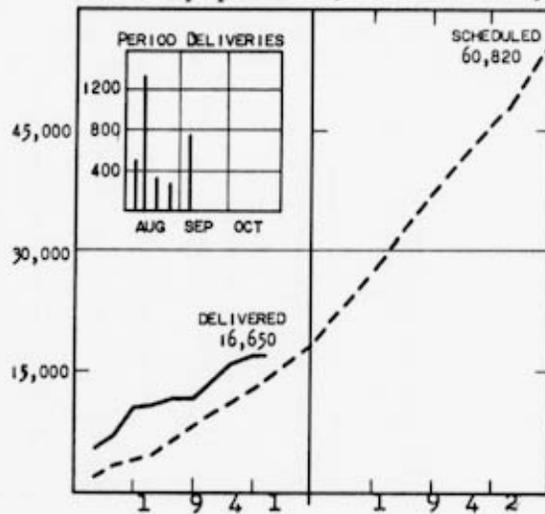
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
OCTOBER 25, 1941

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

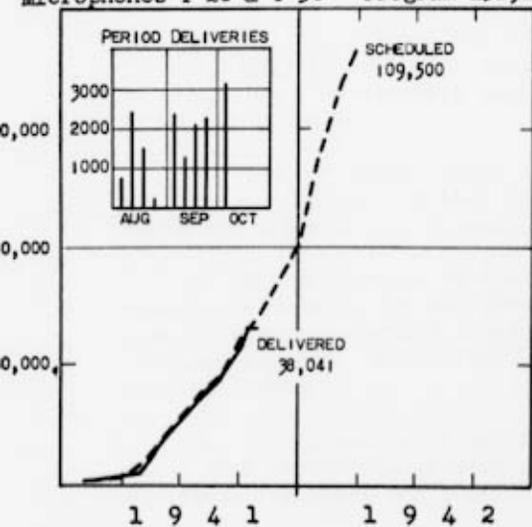
Marker Beacon Receiving Equipment
 PROGRAM 15,326



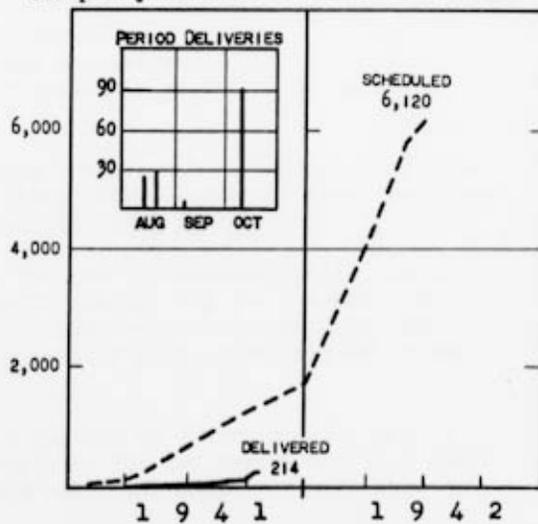
Filter Equipment RC-32 - PROGRAM 60,820



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



Frequency Meter Set SCR-211 - PROGRAM 13,039



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

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

In the period from September 30 to October 23 there have been 15 active items in the procurement program of the Corps of Engineers. The progress made in this period is shown in the following table.

	Number behind Sept. 30	Sept. 30 thru Oct. 23		Number behind Oct. 23	Cumulative deliveries Oct. 23
		Sched.	Del.		
Bridge, portable, steel trestle	6	0	0	6	2
Compressor, air, motorized	59	0	40	19	871
Crane, truck-mounted	15	7	10	12	13
Electric lighting equip., 5 kw	12	0	12	0	166
Footbridge, M-1938	23	7	0	30	111
Grader, road, motorized	0	21	14	7	106
Searchlight, 18" beach defense	35	0	10	25	135
Searchlight, 60" antiaircraft	143	132	64	211	1411
Shovel, gasoline, 1/2-yard	2	6	3	5	66
Stereocomparagraph equip., set	0	30	0	30	10
Stereoscope, mag., lens-prism	+ 47	0	15	+ 62	91
Stereoscope, mag., mirror	304	337	108	533	1129
Trailer for 60" searchlight	1762	375	372	1765	860
Water purification unit, mtzd.	0	7	0	7	34
Water purification unit, port.	6	30	20	16	413

+ Ahead of schedule

The table brings out the following points:

1. All but 2 items are behind schedule.
2. Only 15 of the 46 engineer items are active.
3. The 5 kw electric lighting equipment has caught up to schedule after being behind.
4. The 60" antiaircraft searchlight procurement is beginning to slow up. The explanation of this has been given before--that the troop requirements are met and that a model changeover is being effected.
5. The production of the trailer for the 60" searchlight is almost equalling schedules for the first time--372 against 375 for 3 weeks. This item is very much behind schedule and has been mentioned frequently in previous reports. On October 23 only one-third of the trailers scheduled were delivered.
6. The situation is getting worse instead of better because only 5 items show deliveries exceeding the schedules for the period and 3 of those are items for which the contracts should have been completed some time ago.

CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - OCTOBER 23, 1941

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

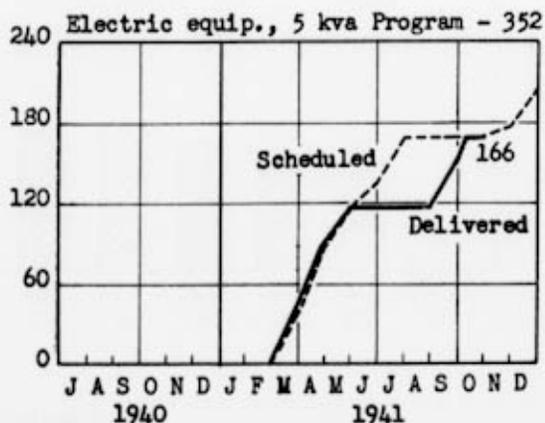
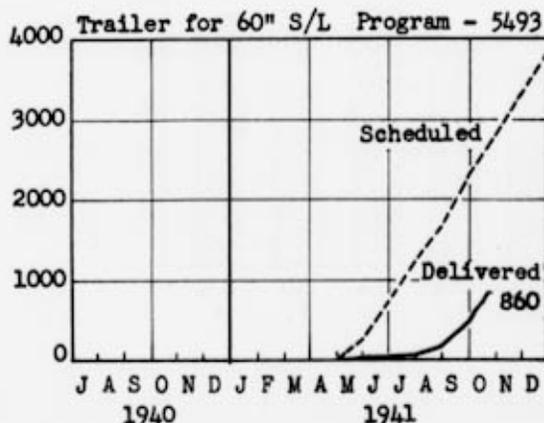
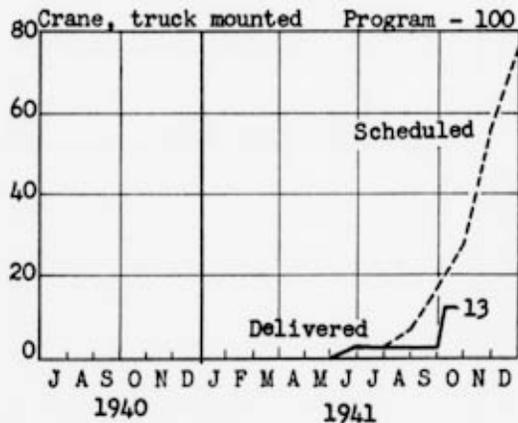
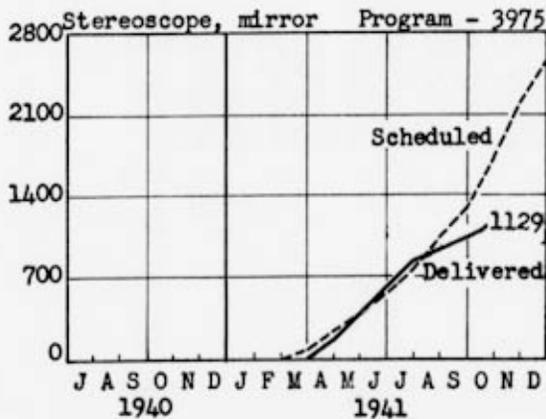
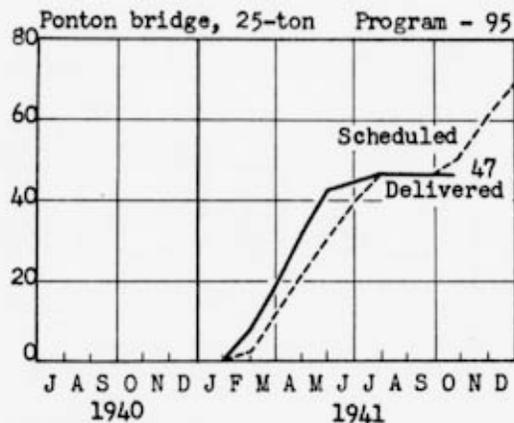
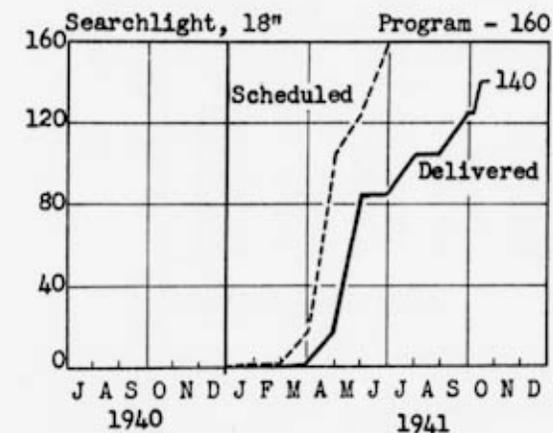


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH OCTOBER 23, 1941

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

60" ANTI-AIRCRAFT SEARCHLIGHTS

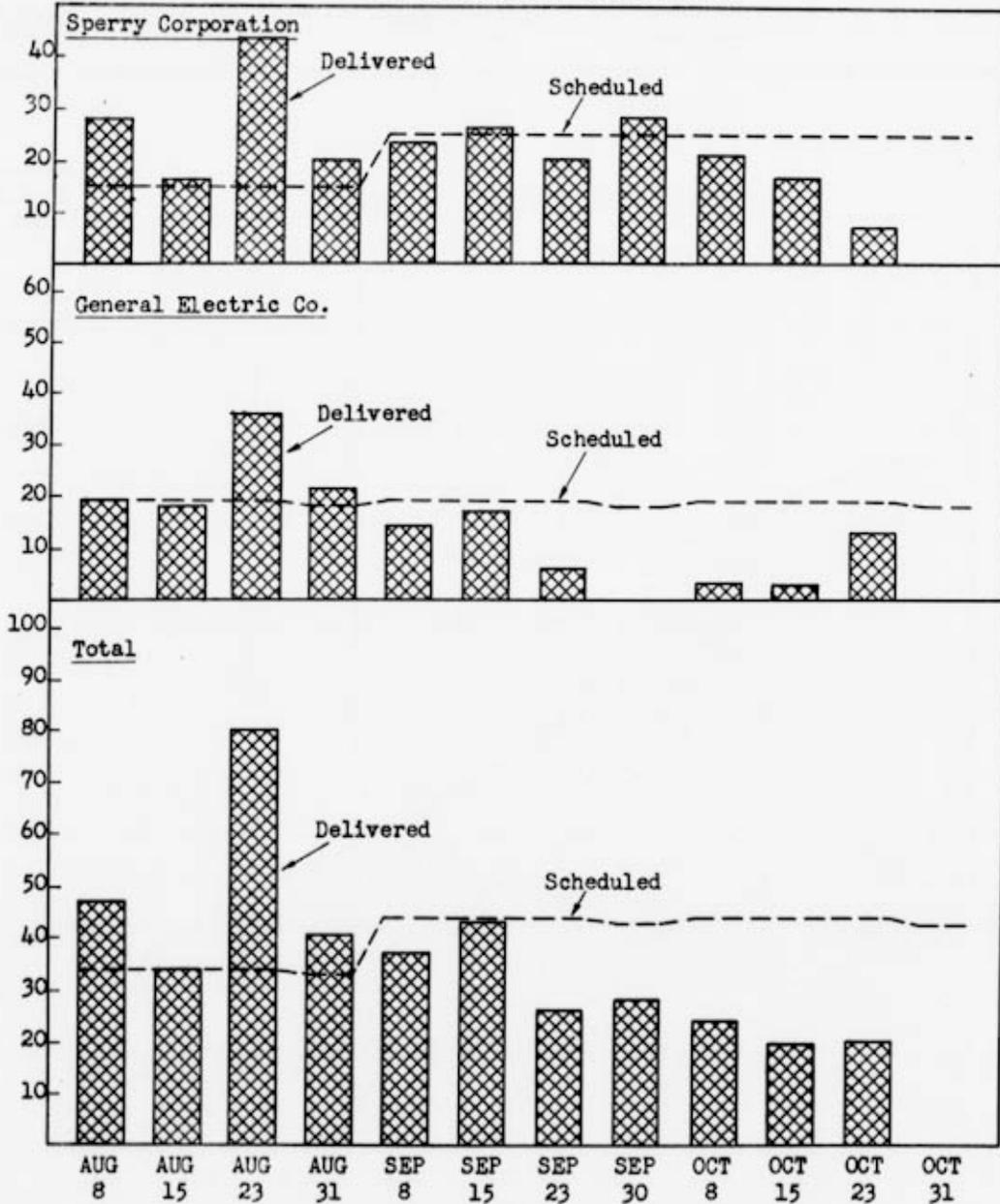
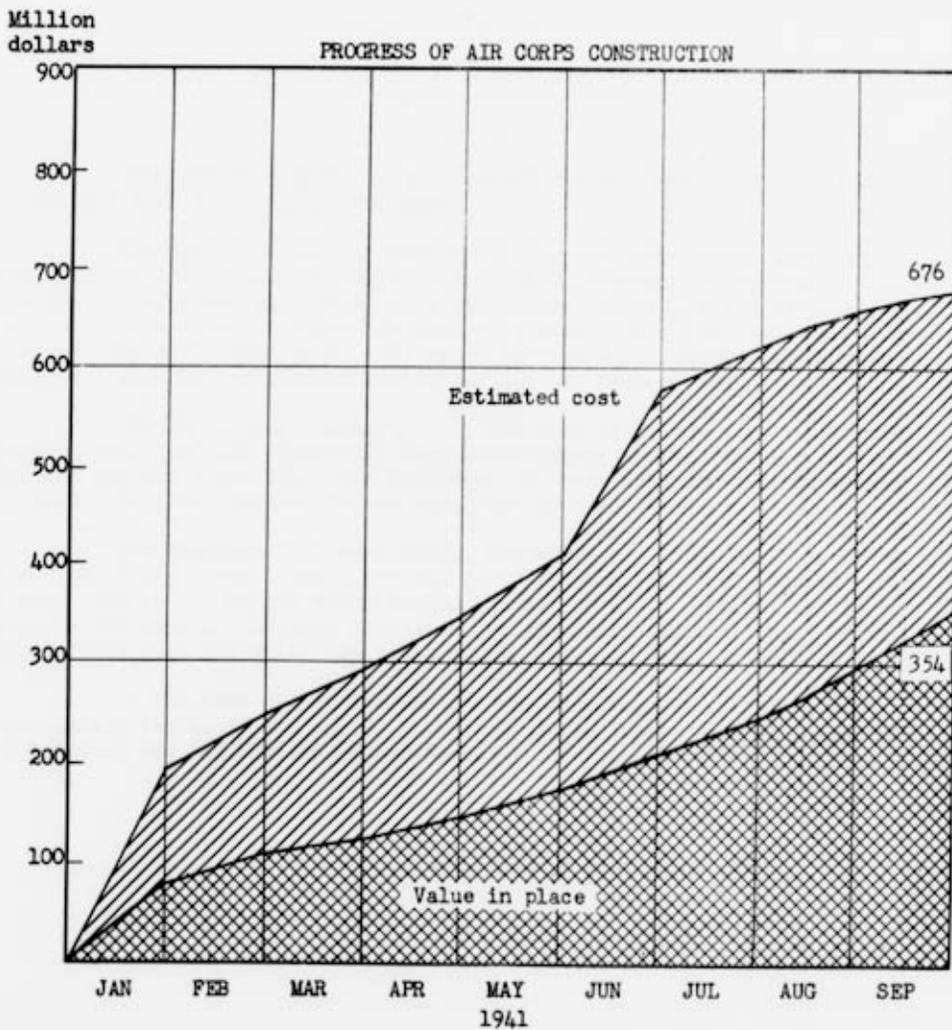


DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - SEPTEMBER 30, 1941

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



Corps of Engineers

40

Statistics Branch
OUSW - 11-1-41

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED NOVEMBER 1, 1941

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

The program figures in statistical reports now being compiled include both 1941 and 1942 fiscal years.

Surgical instruments continue to lag and many contractors are still behind schedule. Despite this condition, however, forty-one of the sixty critical items carried in this statistical report, which are classed as surgical instruments, show the following status as of October 15, 1941: six are completely delivered; deliveries were made on twenty-five between October 1 and 15; ten show no deliveries for the same period.

The W. A. Baum Company, Inc., New York City, New York, completed its contract for 3,400 Mercurial Sphygmomanometers by the delivery of 400 between October 1 and 15. This apparatus has been delinquent since August 6, 1941. The 1941 program is now completed on this item.

The Standard Holloware Corp., Brooklyn, New York, has a contract for 7,000 Plain Field Chests, and one for 2,500 Modified Field Chests. The former item is 228 behind schedule and the latter 933. Difficulties in obtaining the special hardware and plywood used in the fabrication of these chests have been the principal cause of the delay in their production.

In the week ending October 23, the percentage of sick within the continental limits of the United States was 3.16. There were 2.93 percent in hospital and .23 percent in quarters.

MEDICAL DEPARTMENT - BED CAPACITY OF GENERAL HOSPITALS - SEPTEMBER 6, 1941

Source of Information: Weekly Bed Status Reports, Office of the Surgeon General

Old Hospitals

	Normal	Expansion if Required	Total
Sam Houston	1,000 Beds	1,090 Beds	2,090
Fitzsimons	1,492	150	1,642
Letterman	1,435	163	1,598
Walter Reed	1,048	483	1,531
William Beaumont	716	261	977
Army and Navy	412	106	518

New Hospitals*

Lawson	1,900		1,900
LaGarde	1,000	598	1,598
Billings	783	343	1,126
Lovell	1,006		1,006
Stark	979		979
Barnes	750	211	961
Tilton	777	169	946
Hoff	700		700

	17,572	
<u>Total for</u>		3,574
<u>All</u>		13,998
<u>Hospitals</u>		

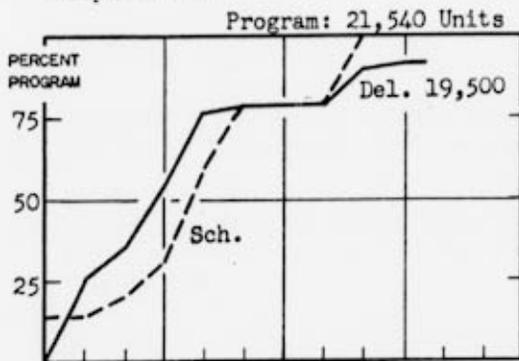
*O'Reilly General Hospital, Springfield, Missouri, capacity 1000 beds, not yet operating.

MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - OCTOBER 15, 1941

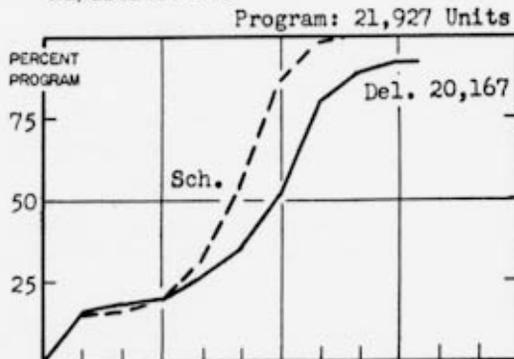
Source of Information: Medical Department Procurement Progress Reports

Includes 1941 program only.

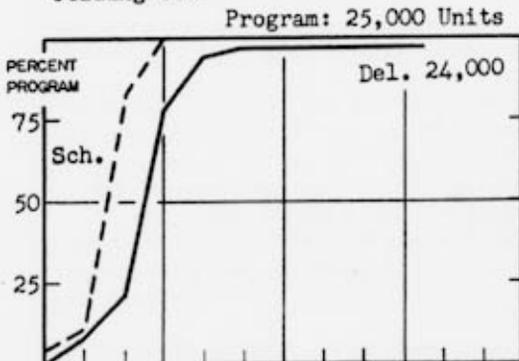
Hospital bed



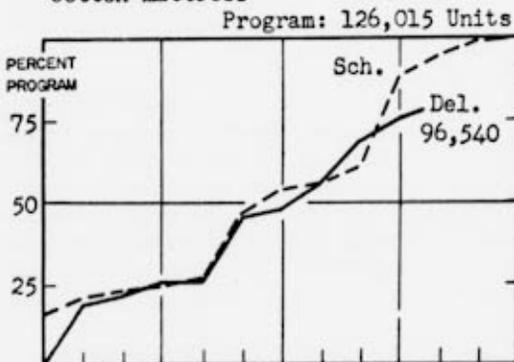
Adjustable bed



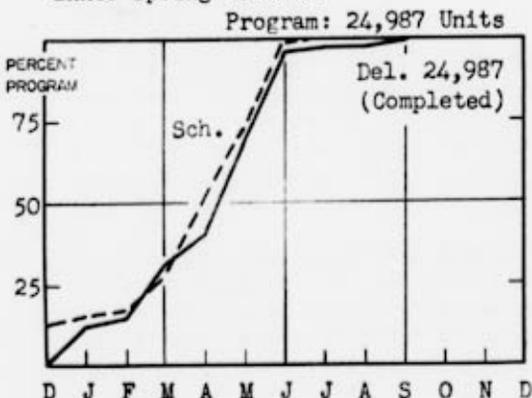
Folding bed



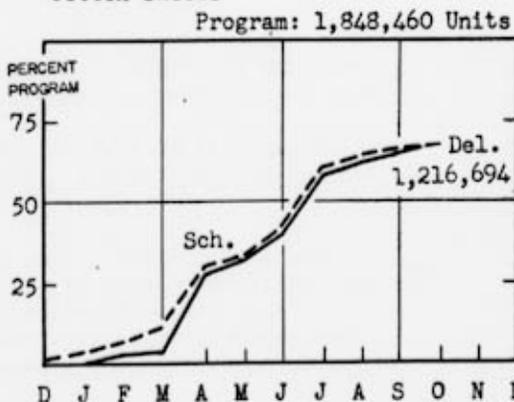
Cotton mattress



Inner spring mattress



Cotton sheets



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 fourteen Essential items of the Expenditure Program.

CONTRACTS: There are only six Critical and five Essential items on the Expenditure Program that are not 100 per cent under contract. During the week covered by this report ten items were added to the 100 per cent contracted list.

GAS MASKS: Service Mask assemblies reported this week total 62,412 units. Johnson and Johnson reported their first delivery of 22,944 Service Masks on their 1942 contract for 234,151 units. There were 13,480 Extra Service Canisters delivered.

Edgewood Arsenal reports a delivery of 20,610 Diaphragm Masks. There were no Training Masks delivered during the week of the report; production under the 1942 program is scheduled to begin in November.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 79.1 tons. A production of 14 tons of Phosgene completes the program. There were also deliveries of 2,096 Chemical Mortar Shells (filled); 200 Irritant Candles; 3,396 Smoke Pots, and 37,000 gallons of Simulated Mustard Gas reported.

Simulated Mustard Gas is a mixture of molasses residuum, water, and butyric acid. This mixture has many of the physical characteristics common to mustard gas, without the devastating effects. It is used for training purposes.

PROTECTIVE AGENTS: The Pilot plant at Edgewood Arsenal reports production of 8 tons of Impregnite "I". A delivery of 1,317,740 eight-ounce tubes of Shoe Impregnite, and 2,025 tons of Impregnite "I" Solvents was reported.

There were 1,330 Gasproof Curtains and 10,000 Dust Respirators reported delivered during the week.

VARIOUS DELIVERIES: A delivery of 20 Flame Throwers (portable type) was reported; the remaining 980 that are called for by the program have been placed under contract.

There were 1,260 Steel Containers (ton); 169 Mark-10 Airplane Smoke Tanks; 62 Combination Pliers; 154 Instructional, and 191 Detonation Sets reported delivered.

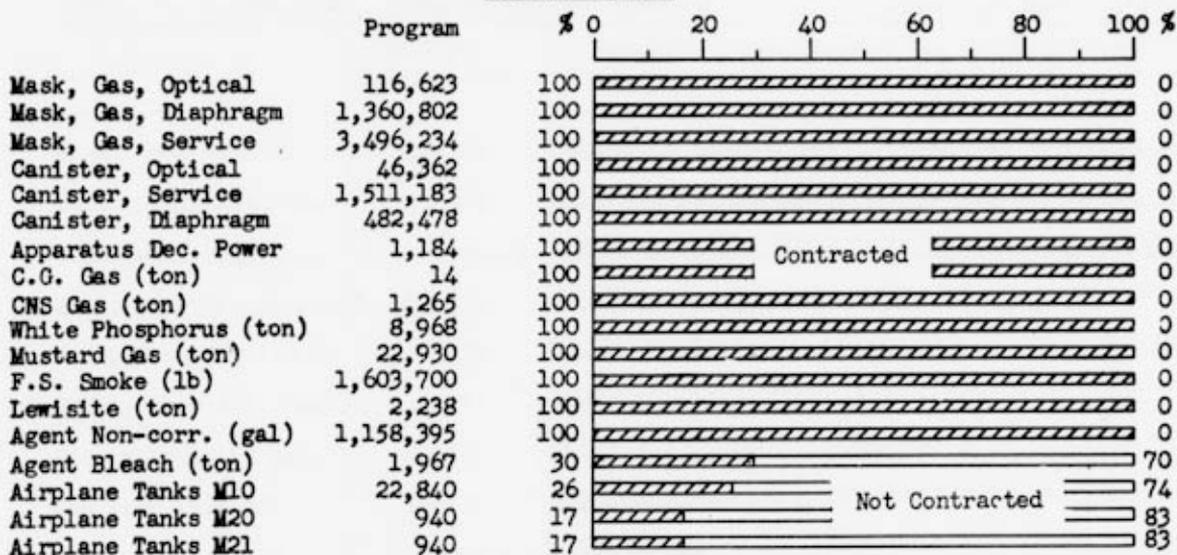
GAS ALARMS: The 31,319 Gas Alarms delivered on the program have been declared obsolete. It has been found necessary to develop an alarm that can be associated only with a gas attack. The present siren type is readily confused with other warnings. The new alarm that is being developed is of the percussion type, hand operated, and easily improvised by troops or civilians.

CONTRACT STATUS OF SELECTED ITEMS
PROCUREMENT PROGRAM 1940, 41 and 42

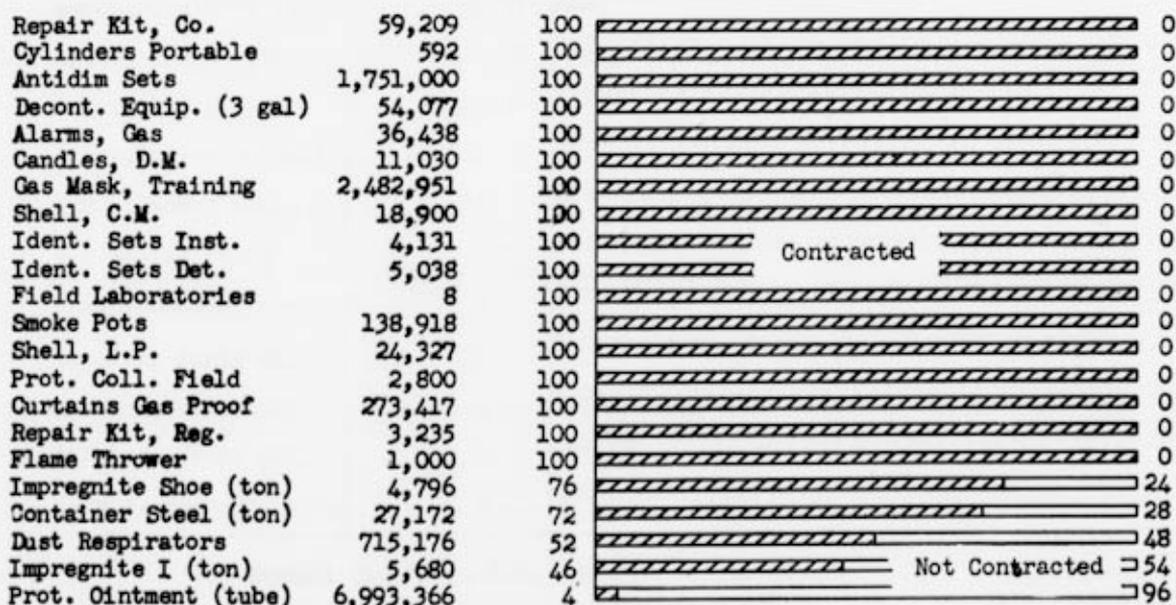
Source of Information: Chemical Warfare Service

October 24, 1941

CRITICAL ITEMS



ESSENTIAL ITEMS

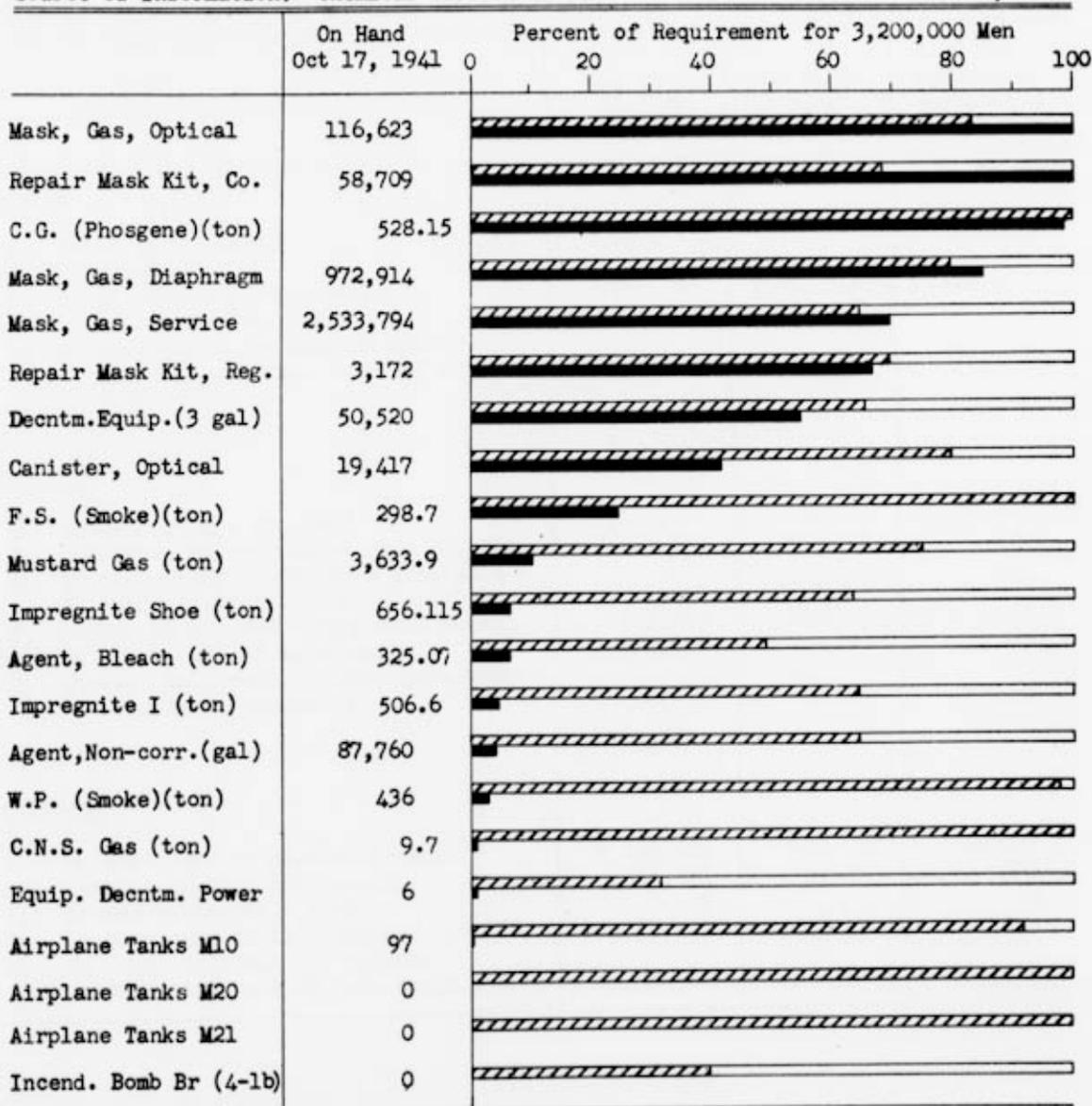


Chemical Warfare Service

STOCKS ON HAND AND REQUIREMENT OF SELECTED ITEMS

Source of Information: Chemical Warfare Service

Status October 24, 1941



Stocks on Hand
 Requirement for 1,820,000 Men
 Additional Requirement for 3,200,000 Men

GAS MASKS

Status of 3,200,000 Man Program as of September 30, 1941

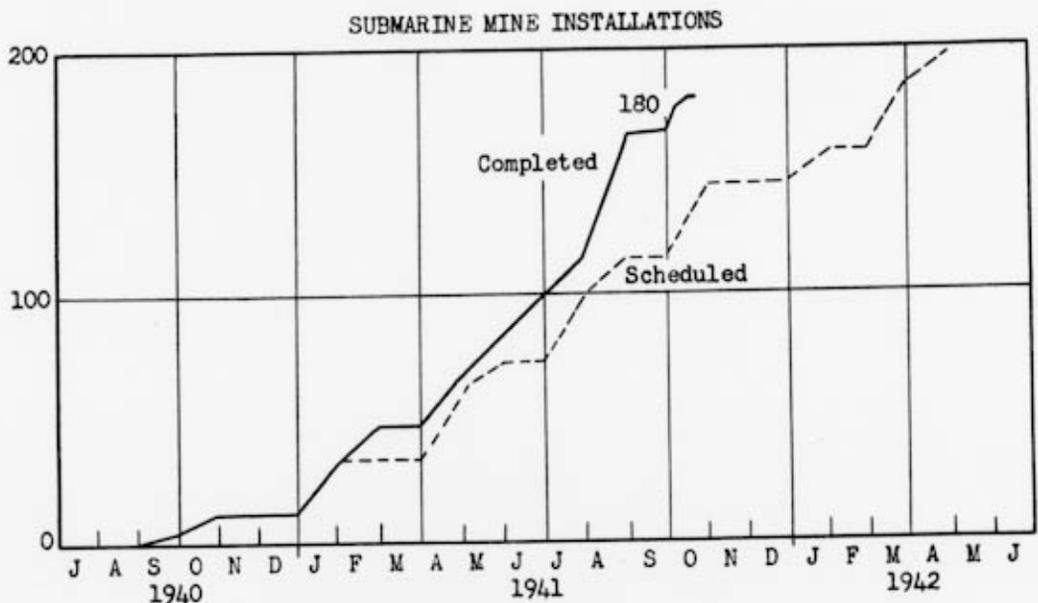
Source of Information: Chemical Warfare Service

	GAS MASKS, SERVICE (Complete)	GAS MASKS, DIAPHRAGM (Complete)	GAS MASKS, OPTICAL (Complete)
<u>PROGRAM</u>			
1. Total requirements	3,599,995	1,139,996	67,509
2. Deferments	0	0	0
3. Total financed requirements	3,599,995	1,360,802	116,623
4. On hand, June 30, 1940	494,074	0	0
5. On order or to be ordered under financed program, June 30, 1940	3,105,921	1,360,802	116,623
<u>CONTRACTS</u>			
6. On order, June 30, 1940	478,671	389,425	38,943
7. Contracts awarded since June 30, 1940	2,827,250	971,377	77,680
8. To be contracted for from available funds (5 minus sum of 6 and 7)	0	0	0
9. Contracts awarded during this month	903,348	250,703	0
10. On order, end of this month	1,189,350	434,188	230
11. Average unit cost, current procurement program (approximate)	\$7.70	\$11.00	\$11.00
<u>INVENTORY</u>			
12. On hand, end of preceding month	2,185,802	920,153	116,332
13. Receipts during this month	224,843	6,461	61
14. Losses during this month	0	0	0
15. On hand, end of this month	2,410,645	926,614	116,393
16. On hand, suitable for purpose indicated, end of this month	2,410,645	926,614	116,393

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - OCTOBER 23, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the two incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	7	Mar '42
Portland	$\frac{10}{17}$	Apr '42

*18 of 25 completed

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*PSF
War*

WEEKLY STATISTICAL REPORT

No. 19

RELEASED

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

SUMMARY

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Date- *3-5-59*

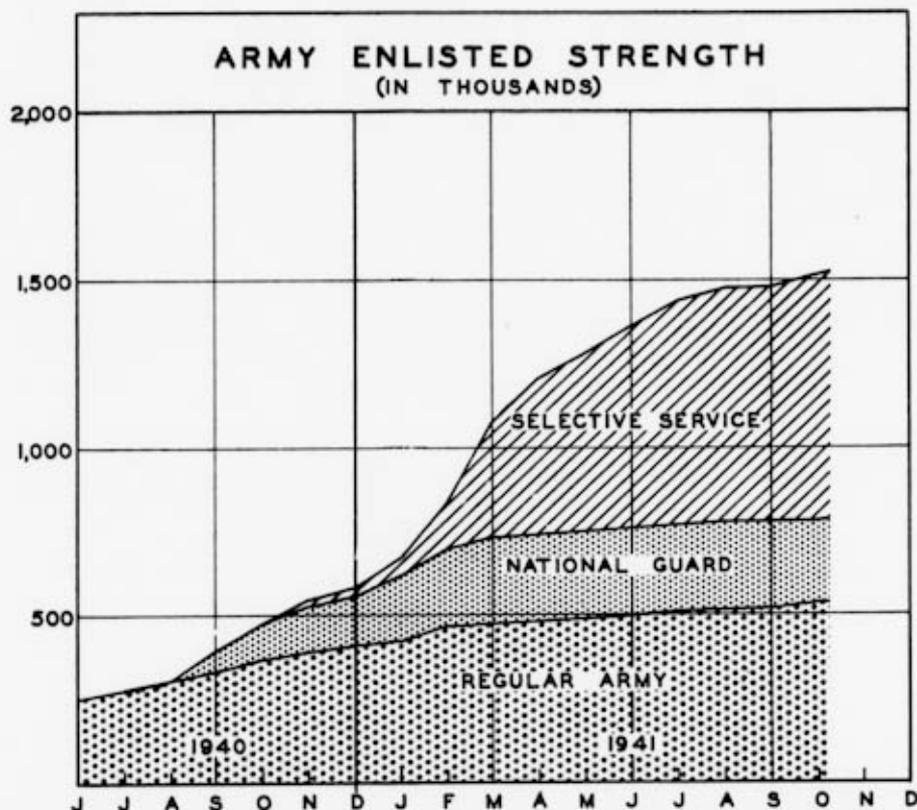
Signature- *Carl F. Spear*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-1942-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 19
NOVEMBER 8, 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 4, 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	1,469,792
Sep	407,613	Mar	1,068,030	Sep	1,468,554
Oct	483,218	Apr	1,205,873	Oct	1,504,000
Nov	540,695	May	1,265,211	Nov 4	1,510,000
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, November 6, 1941

Army Strength

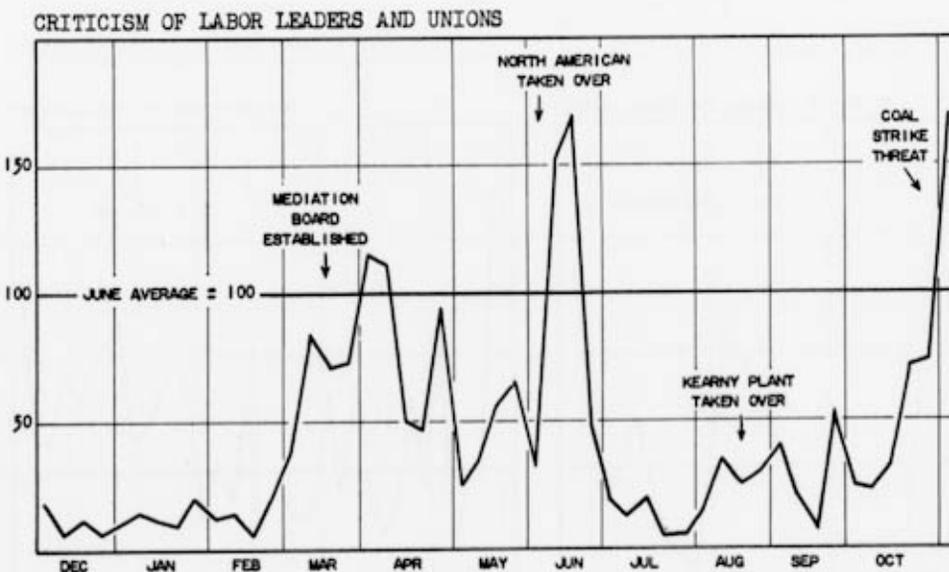
Statistics Branch
OUSW - 11-8-41

EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - 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, November 5, 1941

Alarm about the labor situation has crystalized into the opinion that some method must be found to prevent strikes in defense industries. Belief is that the present situation is too near to actual war to permit minority groups to block defense for any reason whatsoever. The commentators do not advocate anti-strike legislation. They do advocate revision of our existing laws and some new labor legislation. They insist that labor and industry must be made to understand that mediation facilities must be used and their rulings accepted.

These opinions have been so generally expressed by editorial writers and columnists that they appear to have generated a distinct increase in the number of articles dealing with almost all phases of our defense effort, and of the war itself. The total tallies of editorial comment are nearing new high levels. There is increasing recognition that the lengthening list of sinkings of American ships is bringing us progressively to the danger of active participation in open hostilities.

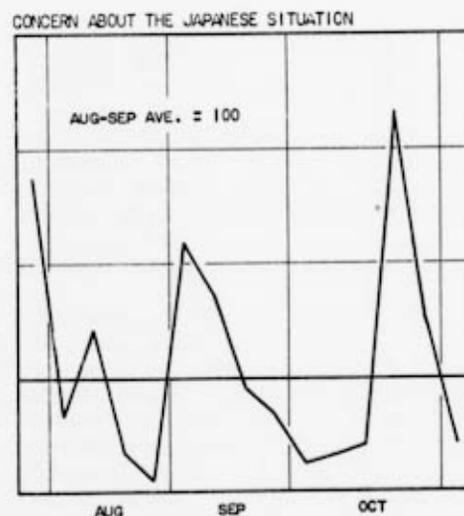
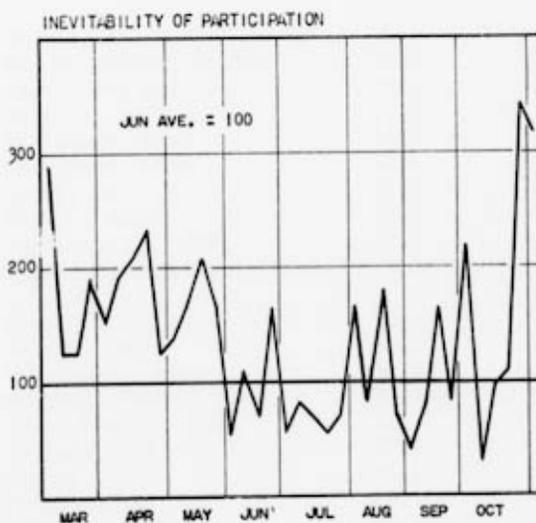


EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, November 5, 1941

PERCENT OF OPINIONS EXPRESSED

	In favor	Against	No opinion expressed
Refusal of Mr. Lewis to mediate coal strike	-	100	-
Limitation of farm prices	58	5	37
Control of unions by anti-trust laws	42	9	49
Neutrality Act total repeal	74	21	5
Give award to lowest bidder (Currier)	83	8	9



Editorial Opinion

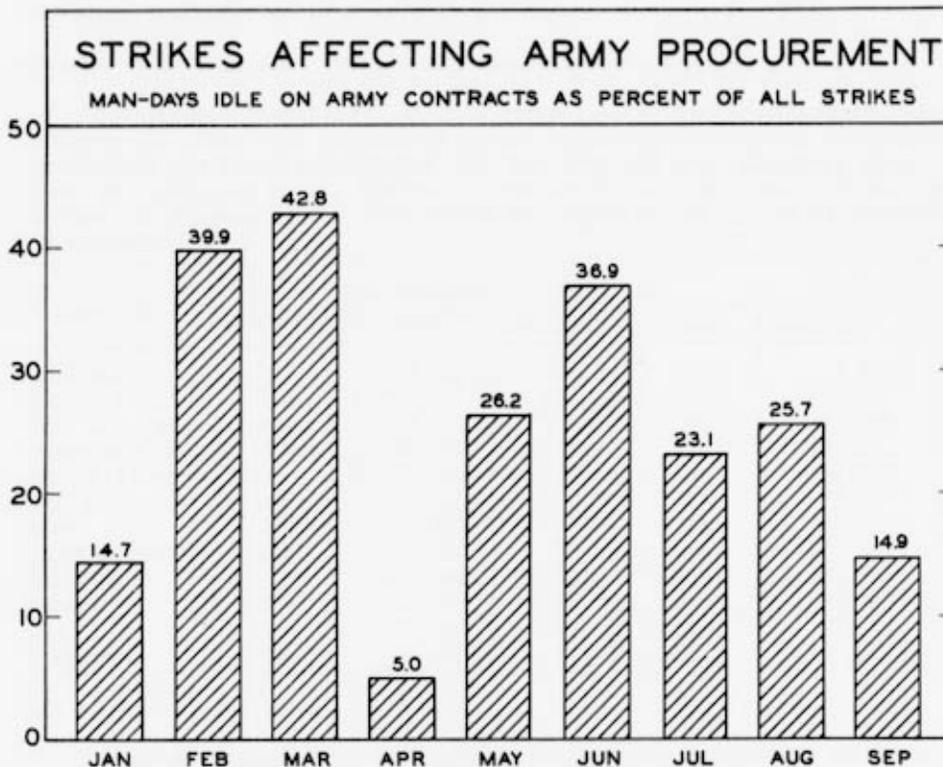
Statistics Branch
OUSW - 11-8-41

FACTORY EMPLOYMENT IN METROPOLITAN AREAS

Seven metropolitan areas have shown an increase of more than 50 percent in factory wage earner employment from August, 1940 to August, 1941. Thirty-nine areas had increases from 25 to 50 percent during the same period.

Source of Information: Bureau of Labor Statistics

<u>City</u>	<u>Percent Increase</u>	<u>City</u>	<u>Percent Increase</u>
Wichita, Kan.	167.7	St. Louis, Mo.	27.8
San Diego, Calif.	92.9	Albany, N. Y.	27.7
Erie, Pa.	57.7	Indianapolis, Ind.	27.0
Portland, Ore.	57.0	Atlanta, Ga.	26.9
Los Angeles, Calif.	54.9	Chattanooga, Tenn.	26.3
Bridgeport, Conn.	51.4	Providence, R. I.	26.3
Fort Wayne, Ind.	51.3	Denver, Colo.	25.9
Seattle, Wash.	46.2	Fort Worth, Texas	24.9
Canton, Ohio	45.4	Philadelphia, Pa.	24.9
Norfolk, Va.	44.2	Tulsa, Okla.	24.4
Dallas, Texas	44.1	Oklahoma City, Okla.	24.0
New Haven, Conn.	42.5	Knoxville, Tenn.	23.8
New Orleans, La.	42.0	Worcester, Mass.	23.6
Utica, N. Y.	40.7	Pittsburgh, Pa.	23.5
Hartford, Conn.	39.9	Birmingham, Ala.	23.4
Wilmington, Del.	38.9	Rochester, N. Y.	23.3
South Bend, Ind.	38.4	Houston, Texas	22.9
Springfield, Mass.	37.2	Omaha, Nebraska	22.9
Washington, D. C.	37.1	Youngstown, Ohio	22.2
Columbus, Ohio	36.9	New York, N.Y.	21.8
Peoria, Ill.	36.9	Nashville, Tenn.	20.5
San Francisco, Calif.	36.9	Duluth, Minn.	20.1
Baltimore, Md.	36.4	Louisville, Ky.	19.4
Buffalo, N. Y.	35.5	Trenton, N. J.	17.4
Milwaukee, Wisc.	34.8	Salt Lake City, Utah	15.9
Cleveland, Ohio	34.6	Scranton, Pa.	15.0
Akron, Ohio	34.0	Tacoma, Wash.	14.7
Boston, Mass.	33.7	Tampa, Fla.	13.8
Jacksonville, Fla.	32.3	Reading, Pa.	12.4
Minneapolis-St. Paul, Minn.	32.2	Lowell, Mass.	12.3
Kansas City, Mo.	32.0	Richmond, Va.	11.3
Toledo, Ohio	31.6	El Paso, Texas	11.2
Cincinnati, Ohio	30.9	San Antonio, Tex.	8.1
Memphis, Tenn.	30.7	Miami, Fla.	7.5
Grand Rapids, Mich.	29.3	Evansville, Ind.	6.5
Chicago, Ill.	28.9	Des Moines, Iowa	2.6
Dayton, Ohio	28.9	Spokane, Wash.	2.4
Syracuse, N. Y.	28.7	Flint, Mich.	- 3.6
Detroit, Mich.	28.0		



The number of man-days lost by strikes in plants working on War Department contracts was 15 percent of the total loss from strikes in September, as compared to 26 percent during the month of August. During October man-days idle on strikes affecting Army procurement increased, but figures for all strikes are not yet available.

	<u>Man-Days Lost by Strikes</u>		<u>Man-Days Lost by Strikes</u>	
	<u>All</u>	<u>Army Procurement**</u>	<u>All</u>	<u>Army Procurement**</u>
1941			1941	
Jan	660,275	97,000	Jun	1,448,234
Feb	1,130,355	451,500	Jul	1,300,000*
Mar	1,552,012	664,500	Aug	1,825,000*
Apr	7,090,157	355,000	Sep	1,925,000*
May	2,161,279	566,500	Oct	(not available)
				365,600

* Preliminary figures

** Excludes time lost on Saturdays and Sundays

Sources: Labor Section, O.U.S.W. and Bureau of Labor Statistics

GOVERNMENT STOCKPILES OF STRATEGIC MATERIALS - October 25, 1941

Source of Information: Office of Production Management.

Government stockpiles of the principal strategic materials, as of October 25, 1941, are summarized in the following tabulation. Recommended stockpiles are those recommended by the Army and Navy Munitions Board on June 20, 1940, and by the Advisory Commission to the Council of National Defense in October 1940, with recent revisions by the Office of Production Management.

Material	Unit of Quantity	Recommended Stockpile	Purchases		On Hand	
			Quantity	Percent	Quantity	Percent
Antimony	S. Ton	27,000	29,637	109.8	7,878	29.2
Chrome Ore	L. Ton	1,950,000	831,124	42.6	239,684	12.3
Ind. Diamonds	Carat	6,410,000	775,475	12.1	683,358	10.7
Manganese Ore	L. Ton	3,300,000	3,431,500	104.0	395,054	12.0
Manila Fiber	Bale	2,037,268	207,396	10.2	112,142	6.0
Mercury	Flask	35,000	8,250	23.6	3,573	10.2
Mica	S. Ton	13,850	6,099	44.0	2,623	18.9
Quartz Crystal	Pound	1,002,000	974,234*	97.2	879,940	87.8
Quinine	Oz. Av.	9,200,000	9,200,000	100.0	7,200,000	78.3
Rubber	L. Ton	518,000	572,760	110.6	250,980	48.5
Tin	S. Ton	307,434	109,479	35.6	47,599	15.5
Tungsten	S. Ton	30,500	77,950	255.6	7,585	24.9

*As of October 18, 1941.

Releases subsequent to delivery have been made in the case of Antimony - 386 Short Tons, Chrome Ore - 7,586 Long Tons, Rubber - 20,551 Long Tons, Tin - 420 Short Tons, and Tungsten Ore - 3,459 Short Tons. In the case of Rubber, 15,850 Long Tons in Government warehouses were destroyed by fire.

In addition to the above named materials, Government stockpiles are now being acquired for Aconite Root, Aluminum, Asbestos, Bauxite, Belladonna Leaves, Belladonna Roots, Beryl Ores, Burlap, Cadmium, Cobalt, Copper, Cork, Cotton Linters, Diamond Dies, Ergot of Rye, Flaxseed, Graphite, Henbane Leaves, Hides, Hog Bristles, Ipecac, Iridium, Jute, Kapok, Lead, Lead Ore, Lead Vanadate Concentrates, Leather, Mangrove Extract, Nickel, Nitrate of Soda, Optical Glass, Palm Oil, Platinum, Pyrethrum Flowers, Quebracho, Red Squill, Rotenone Bearing Roots, Rutile, Santonin, Scrap Iron, Senna Leaves, Silk, Silk Noils and Waste, Sisal, Tin Ore, Wool, Zinc, Zinc Concentrates, and Zirconium.

DEFENSE AID TRANSFERS - WAR DEPARTMENT - OCTOBER 15, 1941

Source of Information: Defense Aid Division

The table below shows the value of materials transferred to foreign governments by the War Department up to October 15, 1941. Transfers to date have been made under the Act of March 11, 1941, (Lease-Lend Act), which authorizes \$1,300,000,000 of transfers of defense articles in stock or procured from appropriations made prior to that date, and the Defense Aid Supplemental Appropriation Act, (March 27, 1941), which provides \$7,000,000,000 for new orders. No transfers have been made as yet from the new \$5,985,000,000 appropriation.

Type of Defense Material	Transfers from		Total
	1.3 Billion Authorization	7 Billion Appropriation	
Ammunition, Bombs, and Explosives	\$29,255,411	\$3,660,691	\$32,916,102
Commercial Type Vehicles	4,218,259	17,575,942	21,794,201
Tanks	19,059,360	91,510	19,150,870
Arms	11,295,305	7,745,321	19,040,626
Aircraft	2,447,896	3,393,859	5,841,755
Tractors and Heavy Vehicles	1,592,188	3,203,464	4,795,652
Miscellaneous	88,554	2,800,385	2,888,939
Chemical Warfare Equipment	1,992,936	142,934	2,135,870
Signal Equipment	182,902	1,517,241	1,700,143
Engineer Equipment	1,208,995	261,454	1,470,449
	<u>\$71,341,806</u>	<u>\$40,392,801</u>	<u>\$111,734,607</u>

TEXT SUMMARY - ORDNANCE DEPARTMENT - NOVEMBER 8, 1941

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

EQUIPMENT

Acceptances of light tanks, M3, increased to 400 in October, from 309 in September and were well ahead of the 350 scheduled. The latest reported delivery schedule extends output of the 4,320 units on order by five months, into October, 1942. An estimated schedule for the 1,200 additional tanks authorized is yet to be reported.

October deliveries of medium tanks, M3, against American, British, and Canadian orders, advanced to 250 from 193 in September but were less than the 305 scheduled, because of delayed output of transmissions. The revised schedule shown on page 11 reflects principally the addition of the schedules for British and Canadian orders. Further upward changes are expected to be made when the 5,657 additional units authorized are scheduled.

Armament schedules indicate that deliveries of 37mm tank guns will be more than sufficient to meet the output of both light and medium tanks, but production of the 75mm tank guns for the medium tank, M3, by Watervliet Arsenal, Cowdrey Machine Works, and Empire Ordnance is expected to show a serious lag behind the tanks.

Expansion of facilities by Springfield Armory and Winchester Repeating Arms Company is reflected in the revised schedule for the caliber .30, M1, rifle (Garand) on page 12. The total deliveries through December, 1942, have been raised to about 814,000 from the 700,000 previously scheduled.

October acceptances of 886 personnel carriers were almost 300 greater than those scheduled, and 24 of the 90mm antiaircraft guns were accepted, as against 19 scheduled for delivery in that month.

Downward revisions in delivery schedules for the 75mm field and pack howitzers and the 105mm howitzer reflect generally the difficulty experienced by manufacturers in obtaining necessary machine tools. The carriage continues to be the limiting component. Acceptances in substantial volume are scheduled to begin with 335 complete units in January, 1942.

AMMUNITION

Small proportions of the ammunition procurement program have been delivered but the greater part has been placed under contract. This is graphically illustrated for individual rounds on pages 19 and 20.

One of the principal limiting components is TNT. More than two-thirds of the country's entire production is being delivered to the British and to the Navy. New TNT plants, however, are expected to increase output rapidly. Additional demands for TNT by the British and the Navy (in the event of war) are large enough to absorb the entire deliveries to the Ordnance Department, on which present ammunition loading schedules are based.

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - SEPTEMBER 30, 1941

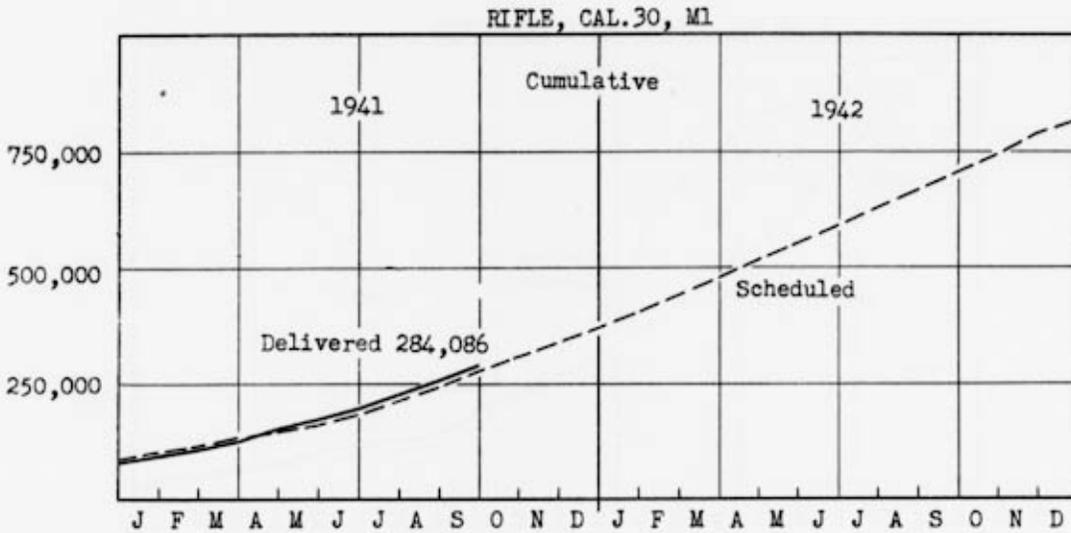
Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program	Preliminary deliveries thru Oct 23	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Delivered Oct 23
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	9,943	99	99	10	11
Machine gun, cal.50	208,590	27,529	99	99	11	13
Gun, 20mm, automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	130	100	100	4	4
<u>Combat Vehicles</u>						
Tank, light	5,919	2,078	80	80	33	35
Tank, medium	12,491*	566	64	54	3	5
Scout car	3,440	2,639	83	83	79	77
Personnel carrier, 8-man	5,792	2,394	100	100	29	41
Personnel carrier, 13-man	5,521	935	100	100	17	17
Machine gun, cal.30 (var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	131,668	89	89	40	47
Gun, 37mm, tank	14,016#	3,105	100	99	20	22
Gun, 75mm, tank	9,764#	200	54	54	2	2
<u>Antiaircraft</u>						
Gun, 3"	152	152 o	100	100	100	100 o
Gun, 90mm	2,284	63	56	56	2	3
Gun, 37mm	3,195	481 o	100	100	16	15 o
Machine gun, cal.50 (W.C.)	25,063	2,194	76	76	8	9
<u>Artillery</u>						
Howitzer, 75mm	1,318	221 o	73	73	14	17 o
Howitzer, 105mm	4,297	69 o	96	83	2	2 o
Gun, 155mm	493	18 o	100	100	6	4 o
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	755 o	100	71	50	57 o
Carriage, 155mm howitzer	1,580	1,106 o	91	91	71	70 o
Carriage, 155mm gun	853	166 o	100	100	24	19 o
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	307,065	71	71	21	24
Machine gun, cal.30 (var.)	159,979b	48,839b	82b	64b	30b	31b
Machine gun, cal.50 (H.B.)	31,699b	3,024b	94b	94b	8b	10b
Gun, 37mm, antitank	9,478	997	100	99	8	11
Mortar, 60mm	11,162	5,690	100	100	49	51
Mortar, 81mm	4,705	1,455	78	78	31	31

- a Included in Infantry Armament. Deliveries not reported separately.
 b Figures include Armament for Combat Vehicles.
 * Includes 3,243 British and Canadian orders.
 # Includes 2,500 British orders.
~~o~~ As of September 30.

DELIVERIES AND SCHEDULES - RIFLE, CAL.30, M1 AND MORTARS - SEPTEMBER 30, 1941

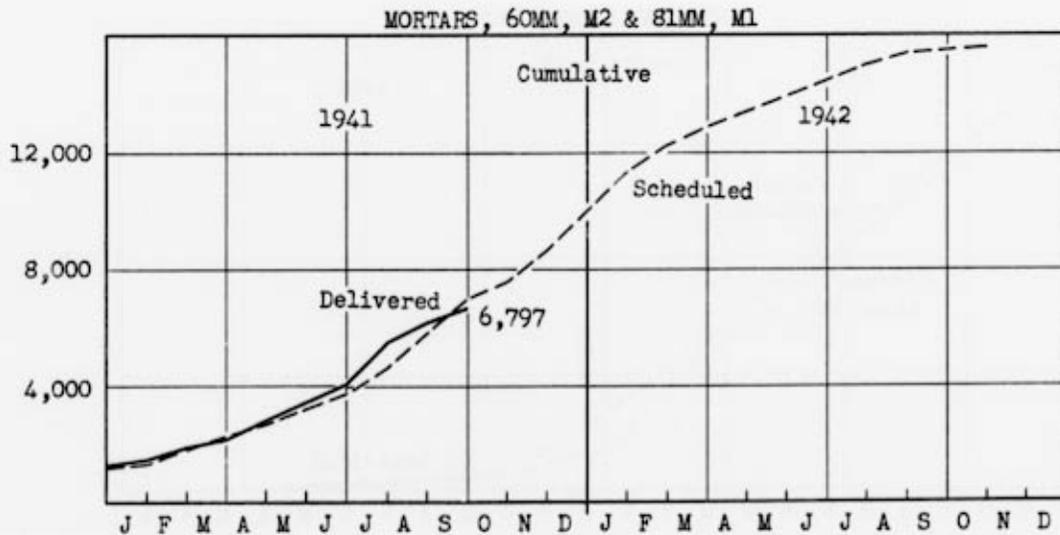
Source of Information: Industrial Service, Ordnance Department



CUM. (TEN THOUS.)

DELIVERED 10 11 13 15 17 20 23 26 28

SCHEDULED 10 12 13 15 16 19 22 25 28 31 34 37 41 44 48 52 55 59 63 67 71 75 79 81



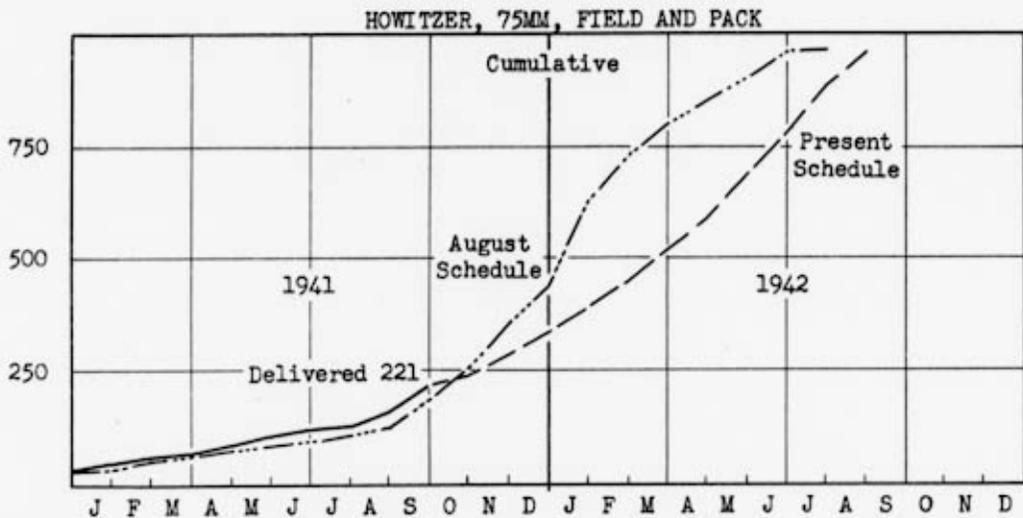
CUM. (THOUSANDS)

DELIVERED 1 2 2 3 3 4 6 6 7

SCHEDULED 1 2 2 3 3 4 5 6 7 8 9 10 11 12 13 13 14 15 15 15 16 16

DELIVERIES AND SCHEDULES - HOWITZERS, 75MM AND 105MM - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

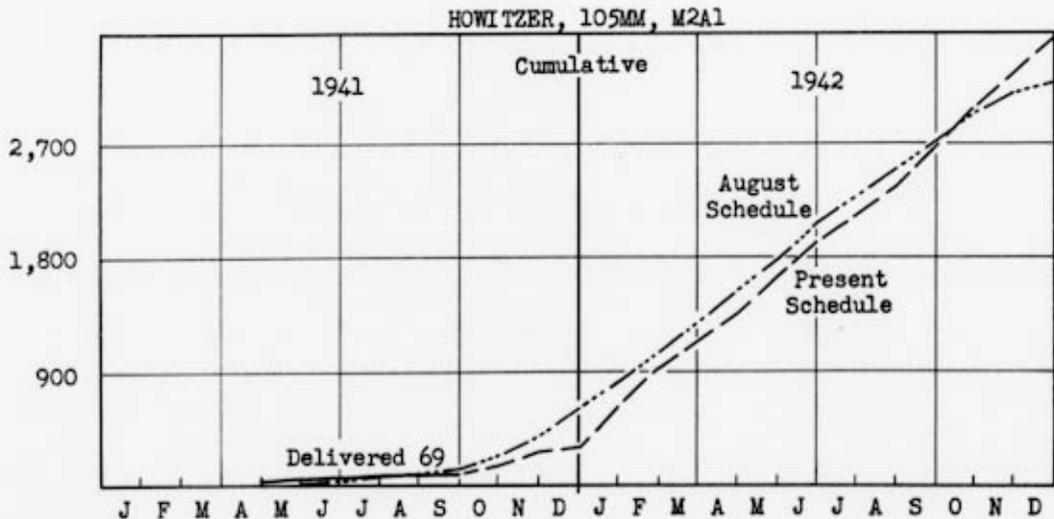


CUMULATIVE

DELIVERED 51 59 65 82 101 118 123 156 221

PRESENT SCHEDULE 236 277 332 387 442 512 587 687 787 887 959

AUG. SCHEDULE 36 48 60 72 88 97 109 126 186 247 357 437 615 721 801 851 901 951 958



CUM.(HUNDREDS)

DELIVERED .3 .4 .6 .6 .6 .7

PRESENT SCHEDULE 1 3 3 6 9 11 14 16 19 21 24 27 30 33 36

AUGUST SCHEDULE .09 .3 .5 .7 1 2 4 6 8 10 13 15 18 21 23 25 27 29 31 32

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 31, 1941

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30, fix.&fl.	33,946	12,218	36					
Machine gun, cal.50, fix.&fl.	60,531	14,936	25					
Gun, 20mm, automatic	1,413	0	0					
Gun, 37mm, automatic	2,021	79	4					
<u>Combat Vehicles</u>								
Tank, light	2,389	878 b	37					
Tank, medium	1,046	210 c	20					
Scout car	2,083	2,464 d	118					
Personnel carrier, 8-man	3,413	1,978	58					
Personnel carrier, 13-man	4,517	526	12					
Machine gun, cal.30 (var.)	30,674 a	a	-					
Machine gun, cal.50 (H.B.)	5,734 a	a	-					
Submachine gun, cal.45	26,705	27,511	103					
Gun, 37mm, tank	3,427	898	26					
Gun, 75mm, tank	1,020	60	6					
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,177	562 } 52 }	52					
Gun, 37mm	2,552	469	18					
Machine gun, cal.50 (W.C.)	17,065	1,184	7					
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	818	98					
Howitzer, 75mm, field & pack	177	204	115					
Howitzer, 105mm	2,457	77	3					
Gun, 155mm	95	17	18					
Gun, 155mm (H.S.)	587	174	30					
Howitzer, 155mm (H.S.)	739	1,198	162					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,512	-					
Gun, 155mm	-	791	-					
Howitzer, 155mm	-	701	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	300,235	36					
Machine gun, cal.30 (var.)	49,737	45,658	92					
Machine gun, cal.50 (H.B.)	14,737	2,985	20					
Gun, 37mm, antitank	4,892	1,308	27					
Mortar, 60mm	4,747	5,062	107					
Mortar, 81mm	2,340	1,775	76					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 118.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 31, 1941

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

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30, fix.&fl.	44,269	12,218	28							
Machine gun, cal.50, fix.&fl.	132,534	14,936	11							
Gun, 20mm, automatic	4,253	0	0							
Gun, 37mm, automatic	2,883	79	3							
<u>Combat Vehicles</u>										
Tank, light	4,946	878 b	18							
Tank, medium	2,827	210 c	7							
Scout car	4,299	2,464 d	57							
Personnel carrier, 8-man	7,896	1,978	25							
Personnel carrier, 13-man	8,647	526	6							
Machine gun, cal.30 (var.)	69,409 a	a	-							
Machine gun, cal.50 (H.B.)	13,398 a	a	-							
Submachine gun, cal.45	56,233	27,511	49							
Gun, 37mm, tank	7,878	898	11							
Gun, 75mm, tank	2,797	60	2							
<u>Antiaircraft</u>										
Gun, 3" } Gun, 90mm }	1,856	562 }	33							
Gun, 37mm	3,055	469	15							
Machine gun, cal.50 (W.C.)	22,966	1,184	5							
<u>Artillery</u>										
Gun, 75mm (H.S.)	1,778	818	46							
Howitzer, 75mm, field & pack	254	204	80							
Howitzer, 105mm	3,733	77	2							
Gun, 155mm	283	17	6							
Gun, 155mm (H.S.)	969	174	18							
Howitzer, 155mm (H.S.)	1,037	1,198	116							
<u>Unmodified & other models</u>										
Gun, 75mm	-	2,512	-							
Gun, 155mm	-	791	-							
Howitzer, 155mm	-	701	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	1,539,512	300,235	20							
Machine gun, cal.30 (var.)	107,943	45,658	42							
Machine gun, cal.50 (H.B.)	32,146	2,985	9							
Gun, 37mm, antitank	9,523	1,308	14							
Mortar, 60mm	7,927	5,062	64							
Mortar, 81mm	4,566	1,775	39							

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 118.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

6

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Oct 23 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Delivered Oct 23
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	270	100	83	10	13
Bomb, demo., 100#, 300#, 500#	1,687	136	78	100	10	8
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	598	143	82	100	35	24
Cartridge, 20mm	112,192	2,745	11	100	2	2
Shell, H.E., 37mm	2,098	315	90	100	18	15
Flares	901	223	41	82	27	25
Signals	2,784	833	74	99	29	30
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	686	72	70	3	4
Shell, 3", H.E.	2,269	92	82	82	5	4
Shell, 90mm, H.E.	3,057	5	58	97	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	63	100	4	4
Shell, g & s, 75mm gun	1,108	15	99	99	1	1
Shot, A.P., 75mm gun	7,888	0	22	8	0	0
Shell, H.E., 75mm how.	4,279	263	98	100	6	6
Shell, H.E., 105mm how.	19,710	62	60	57	-	-
Shell, H.E., 155mm gun	1,360	0	72	92	0	0
Charge, prop., 155mm gun	2,248	232	53	100	13	10
Shell, H.E., 155mm how.	5,080	7	84	100	-	-
Shell, g & s, 155mm how.	1,370	0	68	16	0	0
Charge, prop., 155mm how.	6,547	843	88	62	11	13
Primer, 21 gr.	12,060	299	54	85	2	2
Fuzes (all)	13,482	3,164	81	93	23	23
<u>Infantry</u>						
Cartridge, cal.30	8,505,193	608,551	78	78	7	7
Links, met. belt, cal.30	1,259,225	125,608	79	79	9	10
Cartridge, cal.45	830,395	219,934	75	75	24	26
Cartridge, cal.50	2,952,271	70,665	61	61	2	2
Links, met. belt, cal.50	3,068,633	99,789	80	80	4	3
Shot & shell, 37mm	39,896	239	49	85	-	1
Shell, H.E., 60mm	11,310	39	72	100	-	-
Shell, H.E., 81mm	4,116	116	85	100	3	3
Shell, smoke, 81mm	456	0	86	100	0	0
Grenade, H.E., frag.	2,082	566	76	100	15	27
Signals, ground & light	4,179	789	73	100	28	19
Mine, antitank	3,146	0	65	94	0	0

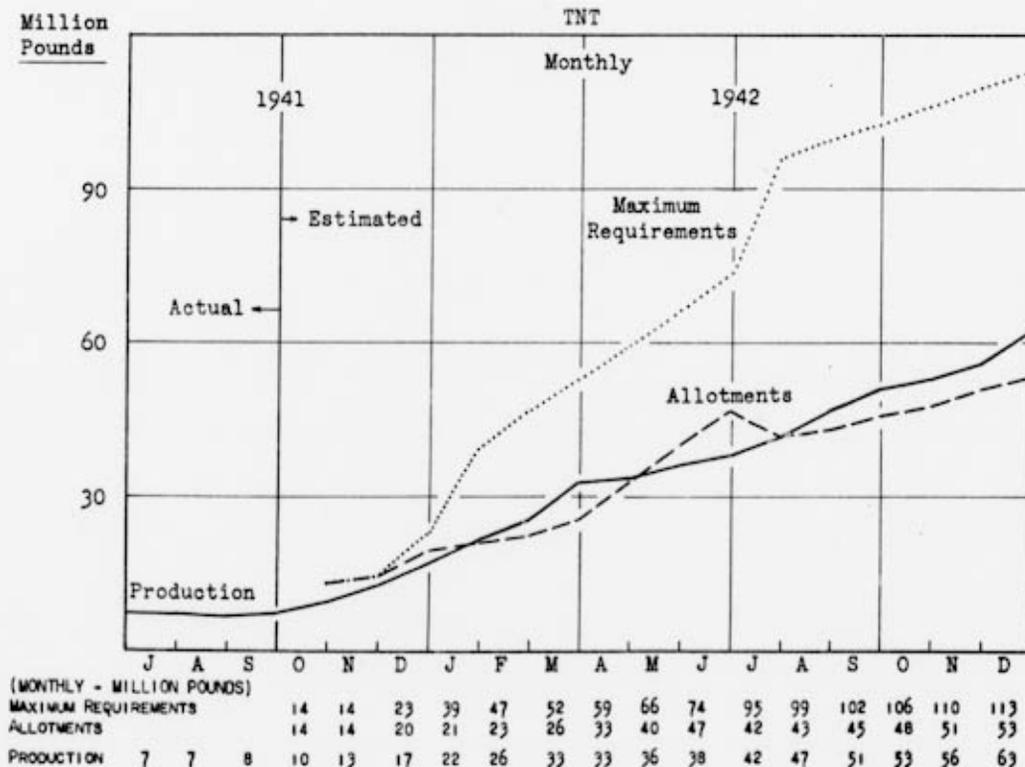
ESTIMATED TNT ALLOTMENTS, MAXIMUM REQUIREMENTS AND PRODUCTION - OCTOBER 9, 1941

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

The three following diagrams set forth the situation with regard to TNT. Production, allotments and requirements of TNT in the United States are summarized in the diagram below, while those on the following page show the principal requirements and the principal producing plants.

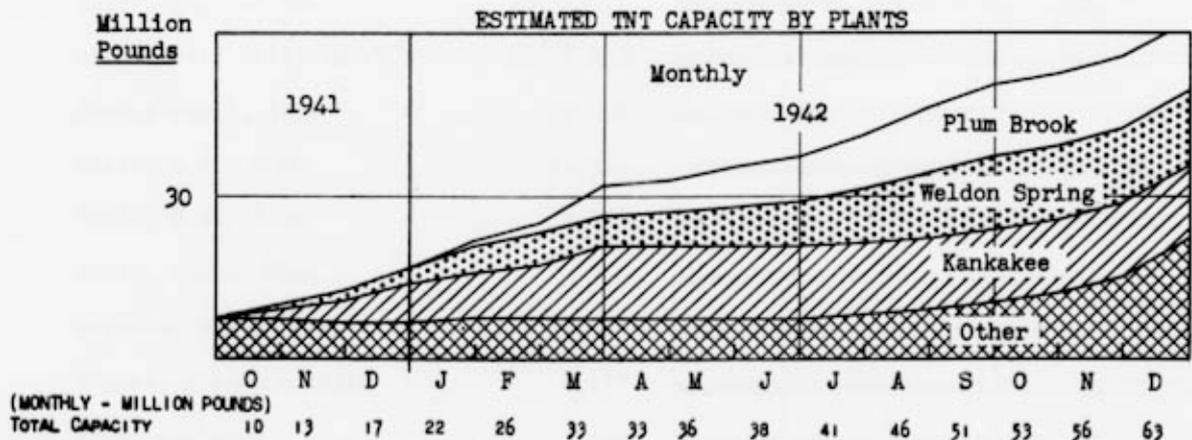
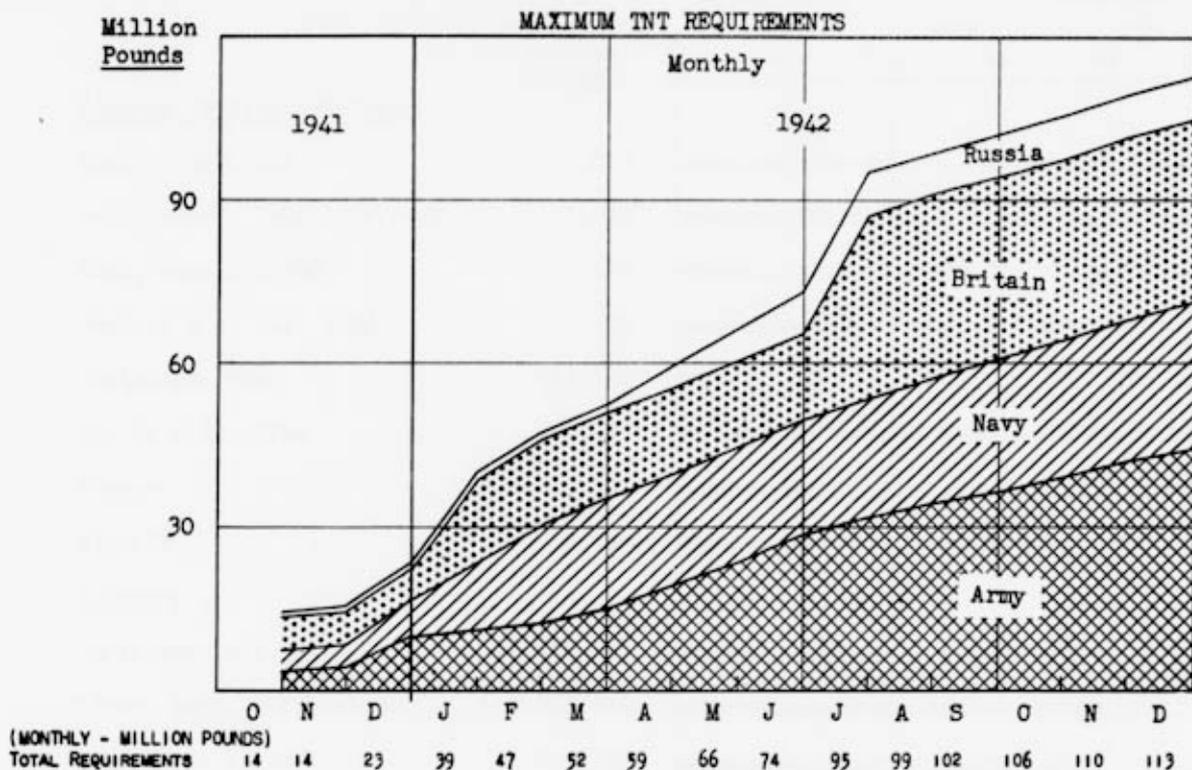
Estimated allotments of the planned production through 1942, to the Army, Navy, Defense Aid, British, and Russia, are indicated in the table below. These monthly amounts do not correspond exactly with the estimated production capacity totals. Inventories permit some flexibility. Maximum requirements include additional requests by the British and Russia and also the Navy's war needs.

The greater part of current production (approximately 7,000,000 pounds monthly by three commercial plants) is being delivered to the British. Three new ordnance plants, in addition to the ordnance plants shown separately in the diagram on the following page, help to raise the "Other" production in the last six months of 1942.



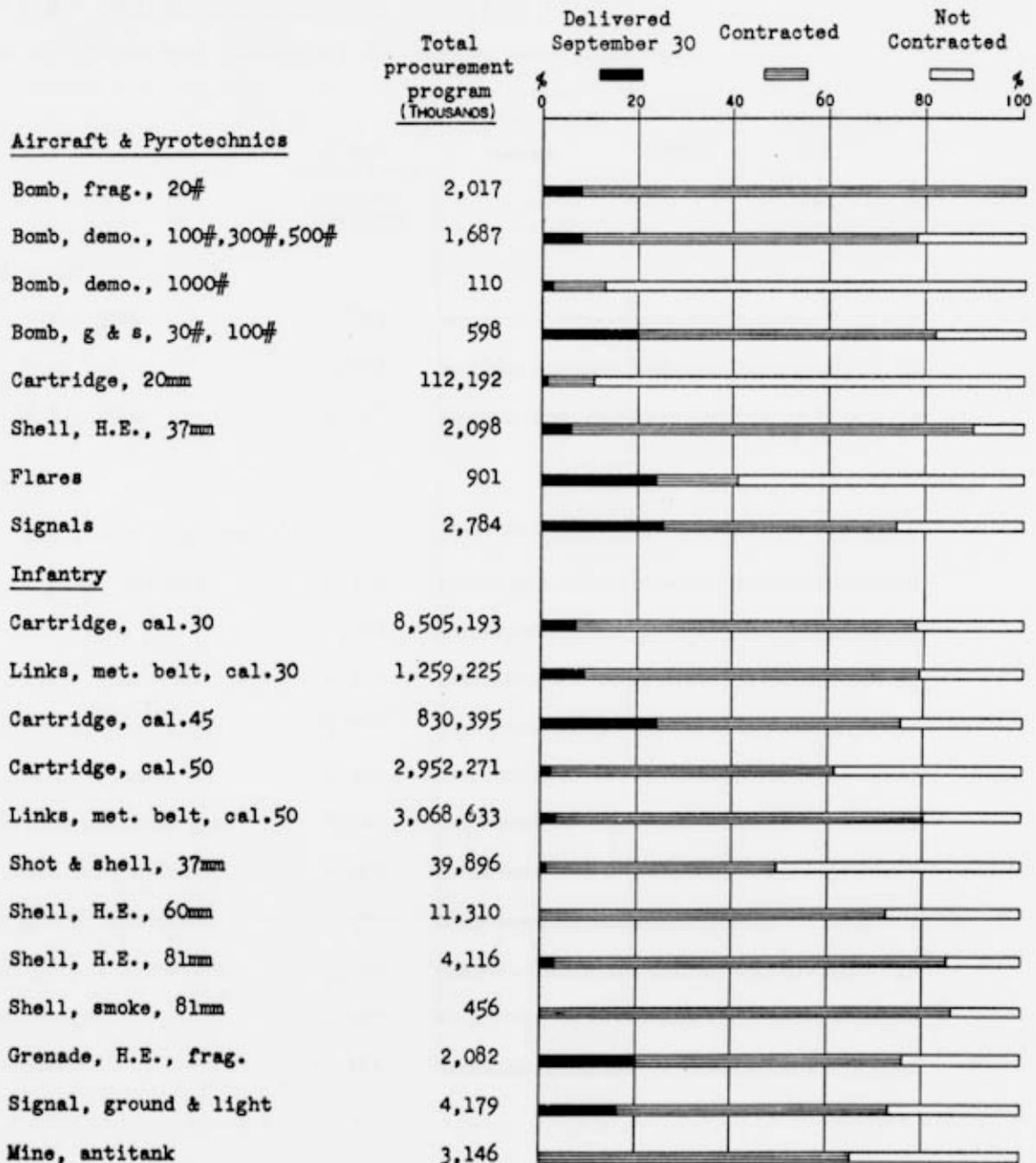
ESTIMATED TNT REQUIREMENTS AND PLANT CAPACITY - OCTOBER 9, 1941

Source of Information: Ordnance Department, Navy Department, and British Purchasing Commission



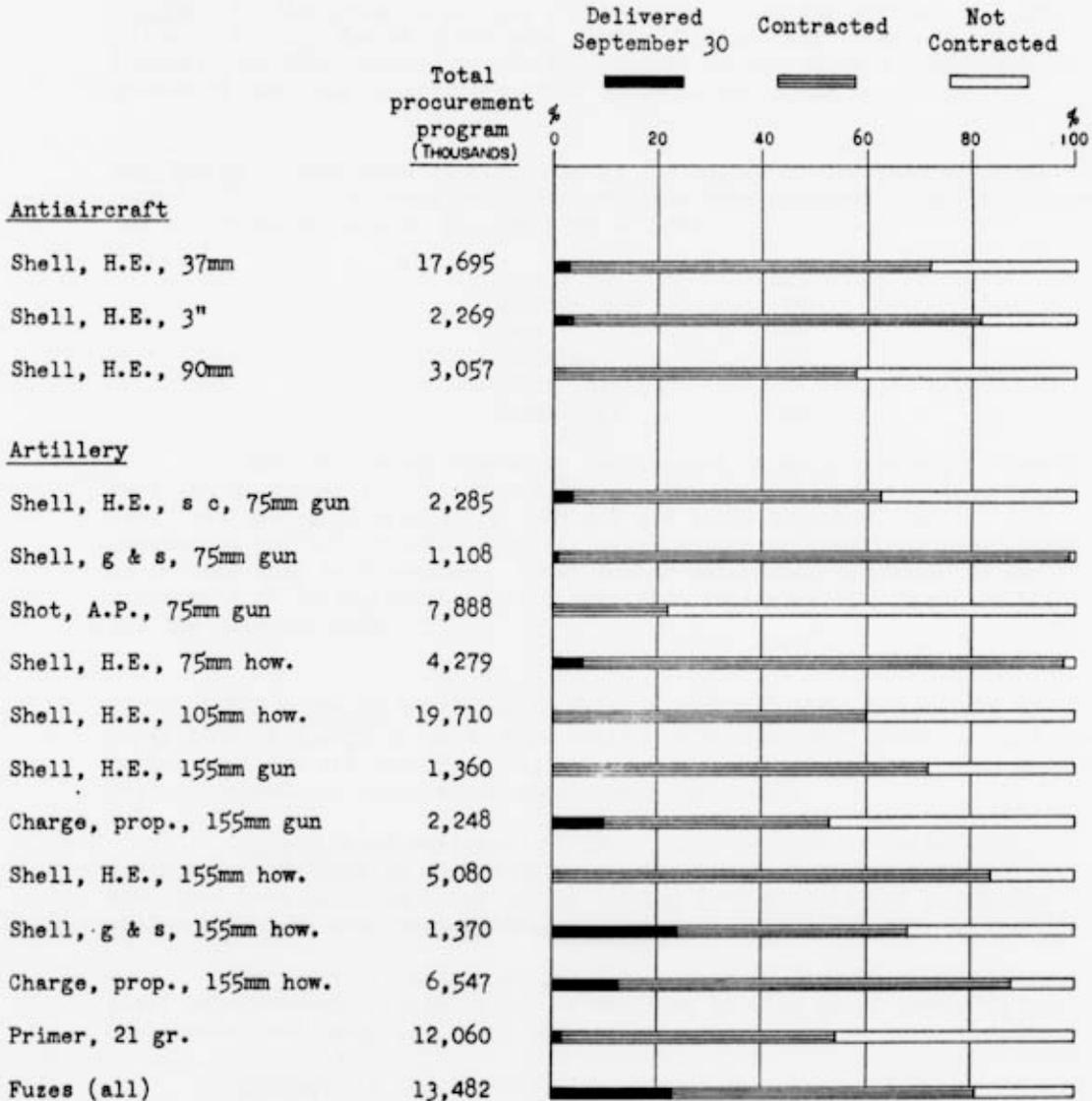
AMMUNITION - DELIVERED AND CONTRACTED - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



AMMUNITION - DELIVERED AND CONTRACTED - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



TEXT SUMMARY - AIR CORPS PROCUREMENT

Source of Information: Materiel Division - Air Corps

AWARDS - In the month of October contracts were let for a total of 5,170 planes. Of this number 5,095 were tactical planes and 75 were training planes. The 1941 program is now 100 percent contracted and only 1,701 planes of the 1942 program are still to be placed under contract.

DELIVERIES - Production of airplanes in the United States reached a new high in October. A total of 2,294 airplanes were accepted by all customers. The distribution of this figure is as follows:

Army	1,125
Defense Aid	90
Navy	294
Britain	733
Other Foreign	37
Commercial	15

This figure represents an improvement of approximately 19 percent over the September figure. The balance between combat and training types again was favorable with 1,164 tactical and 1,130 training, and the increase was well distributed with all major customers receiving more planes in October than in September. Heavy bomber deliveries continued to improve with 42 units, which is 10 higher than September, the previous high for the calendar year.

DIFFICULTIES - Boeing continues to fall behind its delivery schedule of heavy bombers though 12 units were delivered this month. Technical and materiel problems are rapidly being overcome but the management claims difficulty in obtaining experienced engineering personnel.

Consolidated delivered 30 LB-30 heavy bombers to Britain this month but no deliveries were made on Army contracts. However, flight inspections have been completed on the initial Army article and acceptance will probably be made next month.

Martin still has about 100 B-26 medium bombers which require rivet reinforcement, installation of modified landing gear, exhaust stack replacement and installation of turrets.

Lockheed is storing P-38 fighters at the rate of 3 per day due to shortages of electrical and plumbing equipment.

Bell, already behind schedule on the P-39 interceptor, is now storing fuselages because of shortage of propellers.

TABULAR SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - OCTOBER 31, 1941

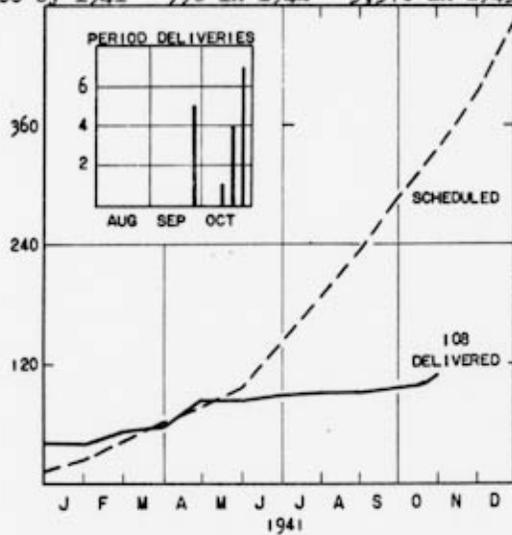
Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 10/31/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,826	98	108	-	76
Medium bomber	4,616	1,200	5,816	4,616	79	363	-	1,200
Light bomber	1,882	150	2,032	1,882	93	231	-	150
Pursuit fighter	709	1,150	1,859	1,859	100	90	-	-
Pursuit interceptor	4,394	4,700	9,094	8,994	99	1,448	-	100
Observation	533	-	533	533	100	297	-	-
Transport	1,118	230	1,348	1,348	100	103	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	24,150	94	2,655	-	1,526
Primary trainer	5,490	450	5,940	5,940	100	2,883	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,916	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	862	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,607	95	167	-	175
Total Trainer	16,470	3,060	19,530	19,355	99	5,828	-	175
Grand Total	32,059	13,147	45,206	43,505	96	8,483	-	1,701
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	17,784	91	2,424	1,520	304
Medium bomber	9,232	3,200	12,432	9,228	74	1,060	4	3,200
Light bomber	3,576	150	3,726	2,576	69	1,231	1,000	150
Pursuit fighter	1,418	2,300	3,718	3,392	91	906	26	300
Pursuit interceptor	4,394	4,700	9,094	8,394	92	1,741	-	700
Observation	533	-	533	533	100	533	-	-
Transport	2,358	460	2,818	2,136	76	459	462	220
Amphibian	148	2	150	150	100	41	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	44,227	85	8,429	3,012	4,874
Primary trainer	5,490	450	5,940	5,940	100	3,031	-	-
Basic trainer	5,051	1,100	6,151	5,051	82	1,991	-	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	2,264	2,300	4,564	4,164	81	1,633	-	1,400
Total Trainer	19,102	4,210	23,312	20,452	88	8,952	-	2,860
Grand Total	49,779	25,646	75,425	64,679	86	17,381	3,012	7,734

- (a) Includes project airplanes contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.

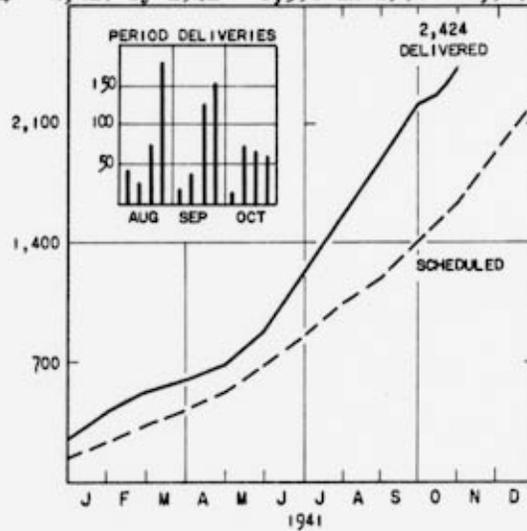
ARMY PROJECT AIRPLANES

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

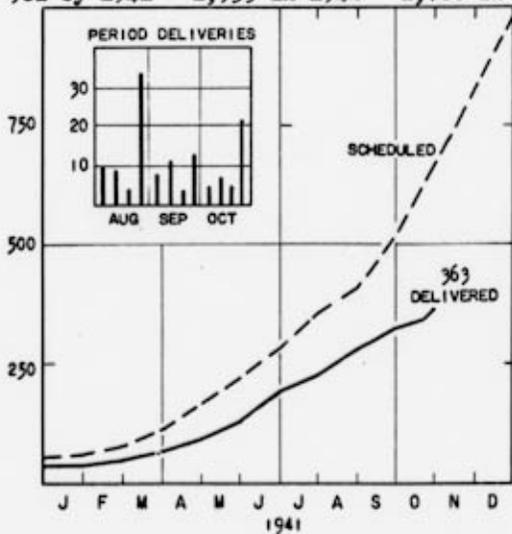


ARMY INSTALLATION ENGINES

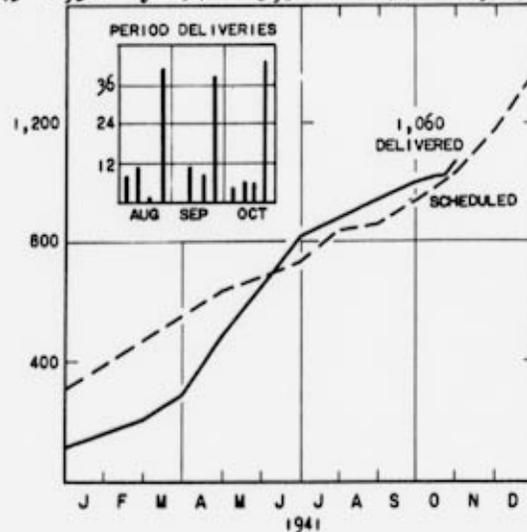
17,784 HEAVY BOMBER
2,217 by 1941 - 6,598 in 1942 - 8,969 in 1943



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

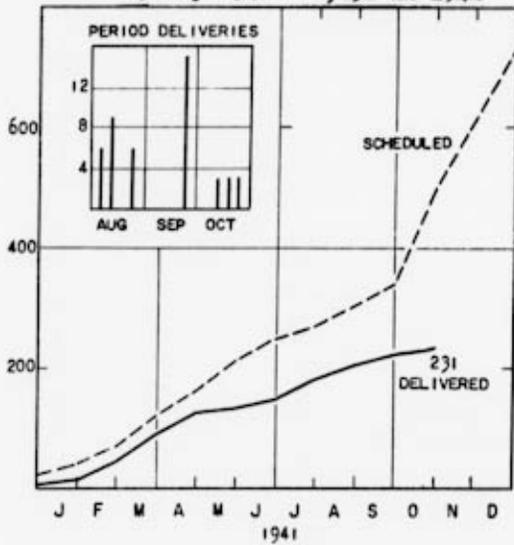


9,228 MEDIUM BOMBER
1,362 by 1941 - 3,521 in 1942 - 4,345 in 1943-44



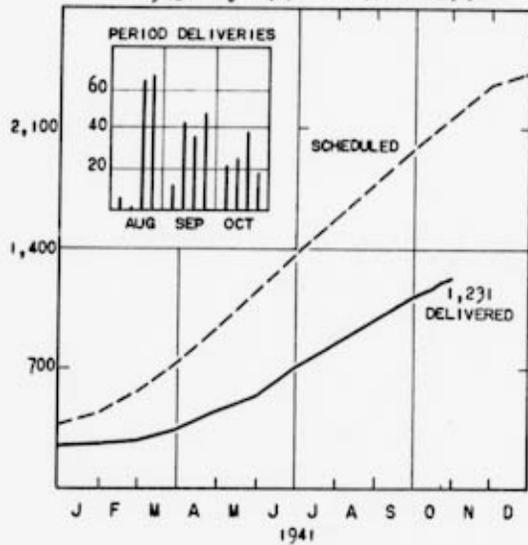
ARMY PROJECT AIRPLANES

1,882 LIGHT BOMBER
731 by 1941 - 1,151 in 1942

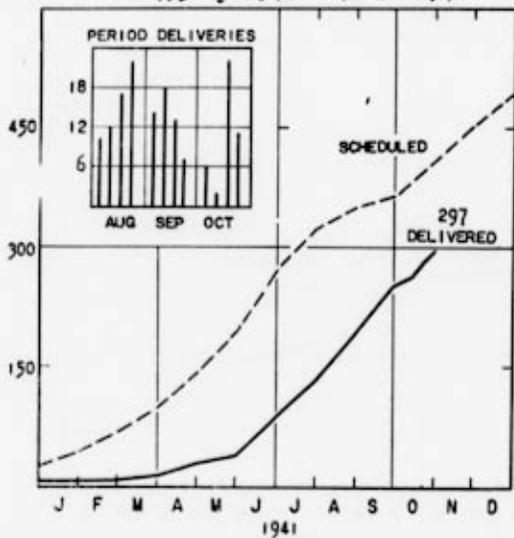


ARMY INSTALLATION ENGINES

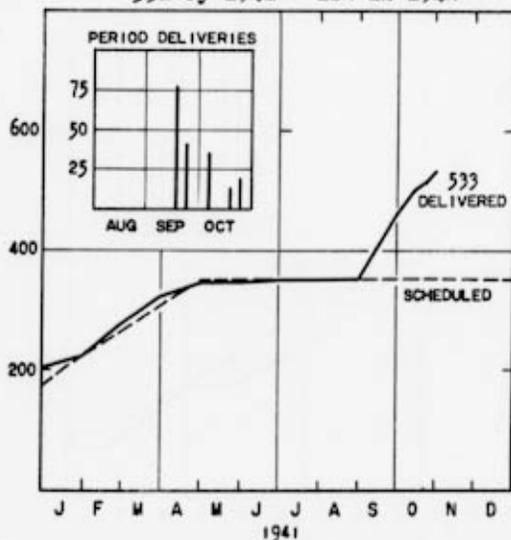
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



533 OBSERVATION
493 by 1941 - 40 in 1942

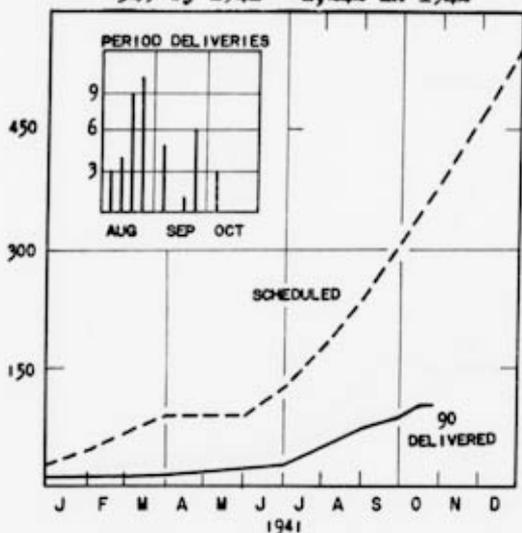


533 OBSERVATION
351 by 1941 - 182 in 1942



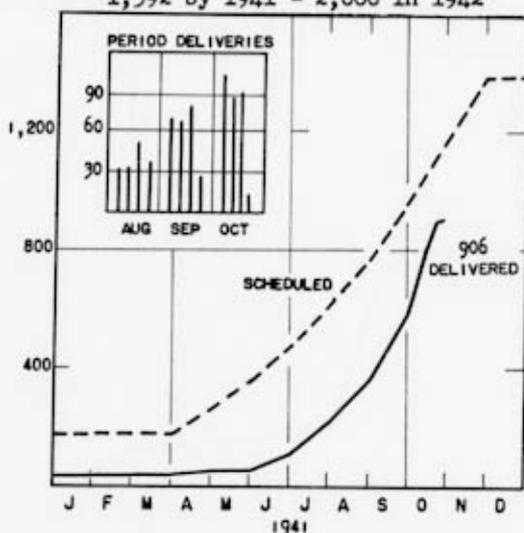
ARMY PROJECT AIRPLANES

1,859 PURSUIT FIGHTER
549 by 1941 - 1,242 in 1942

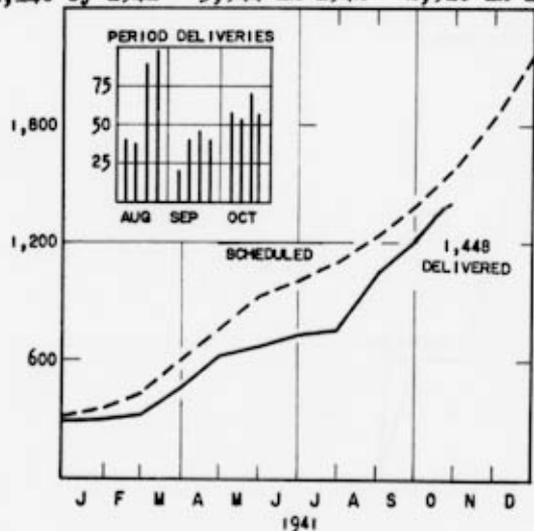


ARMY INSTALLATION ENGINES

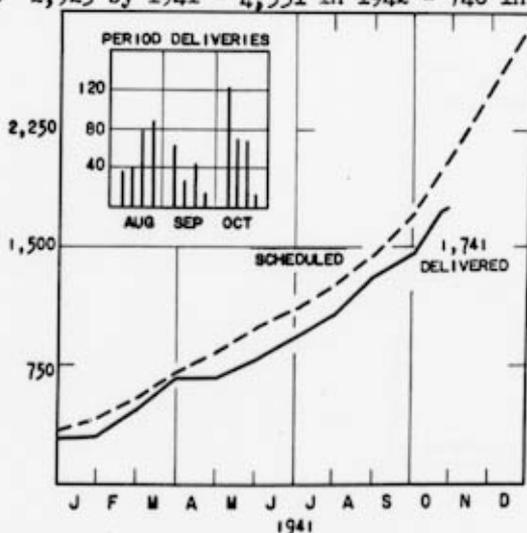
3,392 PURSUIT FIGHTER
1,392 by 1941 - 2,000 in 1942



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



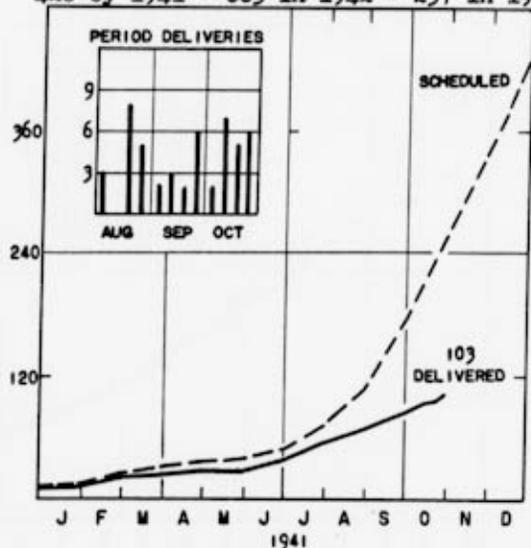
8,394 PURSUIT INTERCEPTOR
2,923 by 1941 - 4,531 in 1942 - 740 in 1943



ARMY PROJECT AIRPLANES

1,348 TRANSPORT

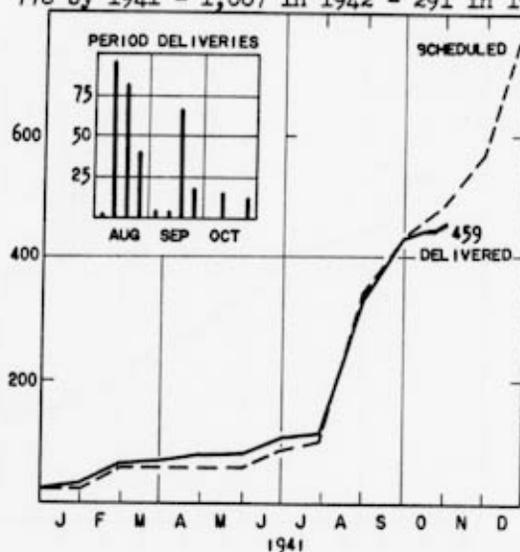
428 by 1941 - 663 in 1942 - 257 in 1943



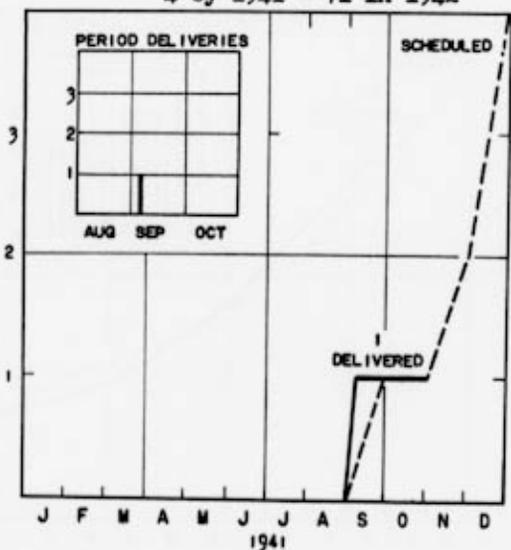
ARMY INSTALLATION ENGINES

2,136 TRANSPORT

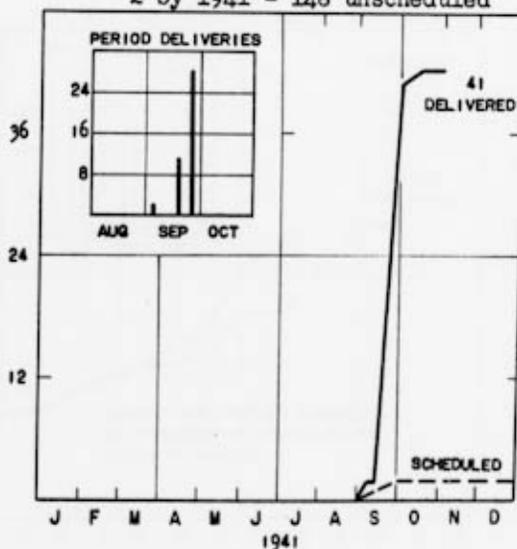
778 by 1941 - 1,067 in 1942 - 291 in 1943



75 AMPHIBIAN
4 by 1941 - 71 in 1942

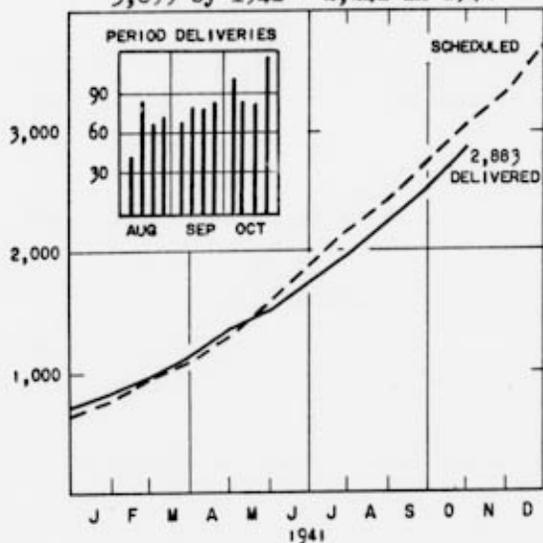


150 AMPHIBIAN
2 by 1941 - 148 unscheduled



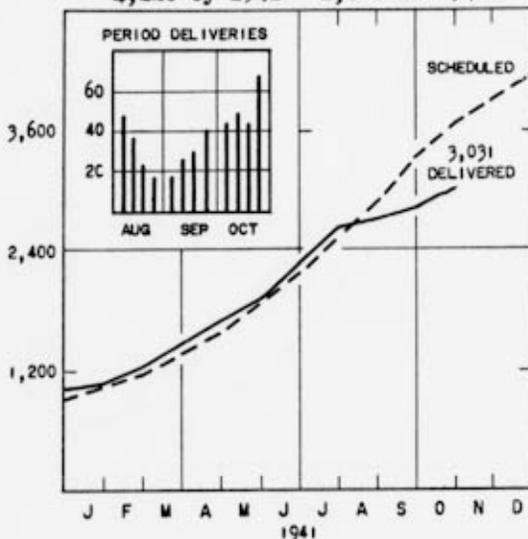
ARMY PROJECT AIRPLANES

5,940 PRIMARY TRAINER
3,699 by 1941 - 2,241 in 1942

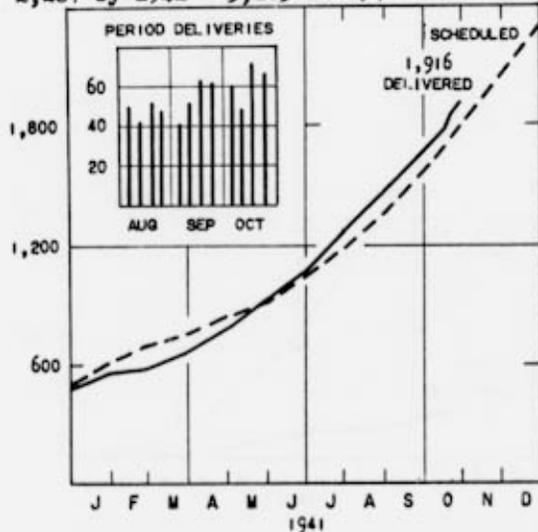


ARMY INSTALLATION ENGINES

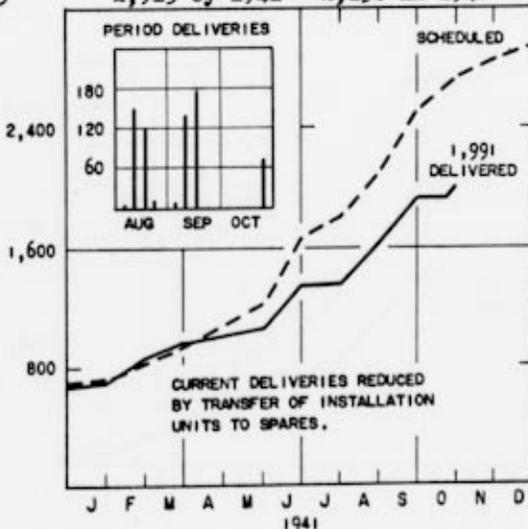
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,163 in 1942 - 701 in 1943

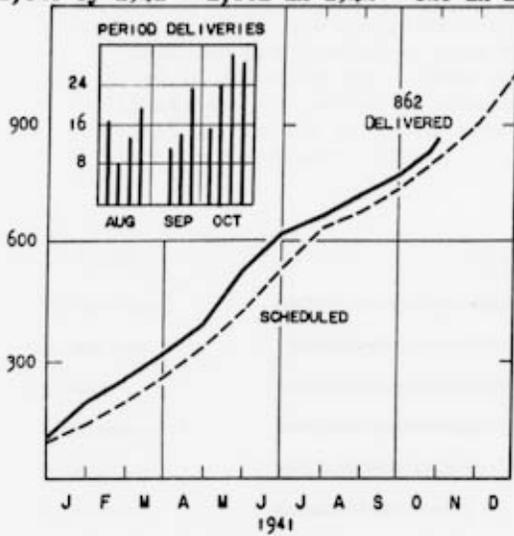


5,051 BASIC TRAINER
2,915 by 1941 - 2,136 in 1942



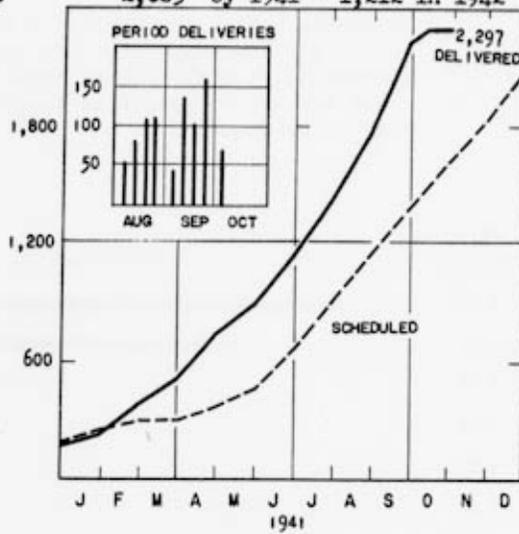
ARMY PROJECT AIRPLANES

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

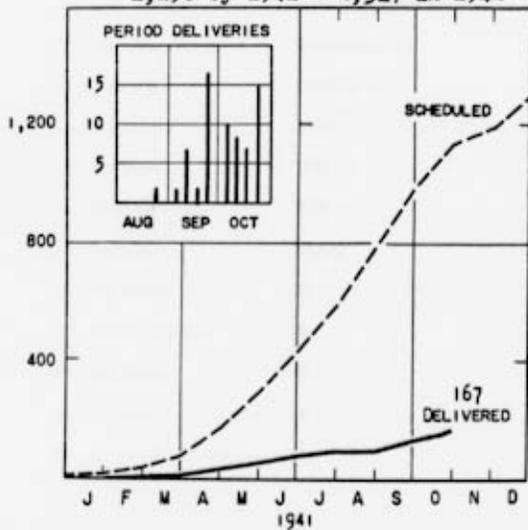


ARMY INSTALLATION ENGINES

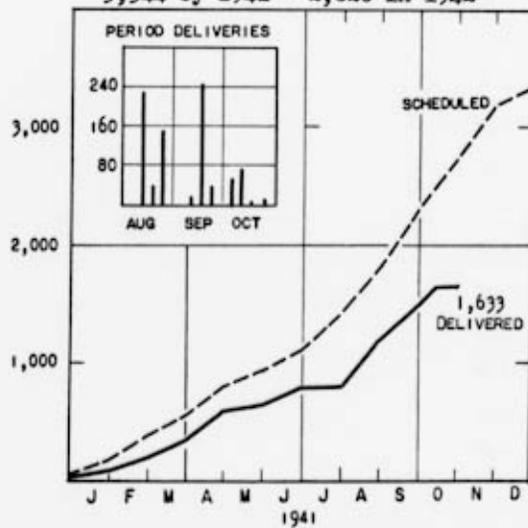
3,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 1,212 in 1942



3,607 ADVANCE TRAINER, 2 ENGINE
1,290 by 1941 - 2,317 in 1942



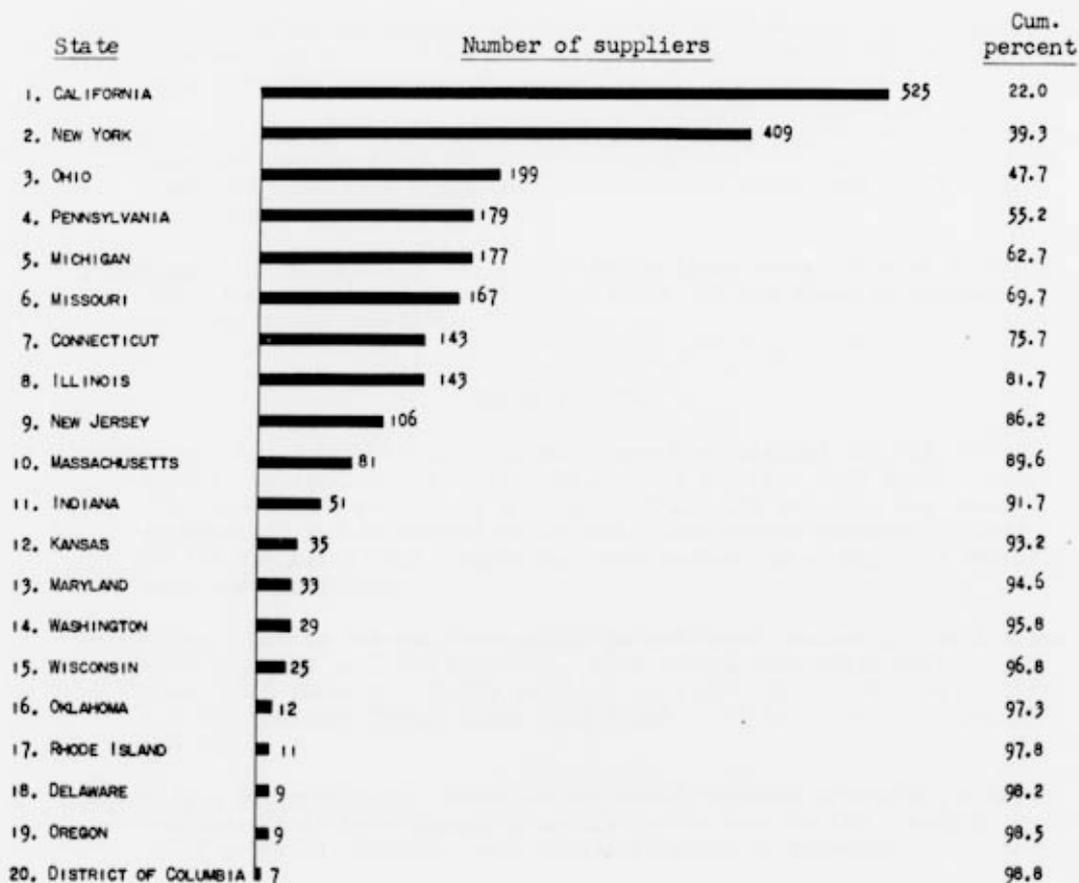
6,164 ADVANCE TRAINER, 2 ENGINE
3,344 by 1941 - 2,820 in 1942



AIRCRAFT SUBCONTRACTORS BY STATE - ALL CUSTOMERS

Source of Information: Materiel Division - Wright Field

Over half of the subcontractors for airplane, engine and propeller companies are located in four states and three-quarters are situated in seven states. These data cover reports from 2,400 subcontractors. The number of subcontractors in twelve states was too small to include in the diagram. There are no aircraft subcontractors in seventeen states.



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - November 6, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of October 23, complete delivery has been made on 74 of 132 basic items procured from 1941 funds. The 58 remaining items are completely 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 77 percent has been delivered. Of the combined 1942 programs, 62 percent has been contracted and an average of 7 percent has been delivered.

Contracts: During the quarter-monthly period ended October 23, contracts were awarded on 21 of the 1942 items, representing 35 million units at a cost of 11 million dollars.

Deliveries: During the quarter-monthly period ended October 23, deliveries were effected on 48 of 61 items procured from 1941 funds; on 35 of 36 items procured from Deficiency Appropriation funds; and on 75 of 160 items procured from 1942 funds.

Schedules & Delinquencies: Of the 328 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 99 are ahead of schedule; 111 are behind schedule.

MOTOR VEHICLES

Contracts: As of October 23, contracts have been awarded for 282,103 vehicles, obligating 394 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 224,205 vehicles has been contracted, and 78 percent delivered. Ninety-four percent (57,898) of the estimated 1942 program has been contracted of which 79 vehicles have been delivered.

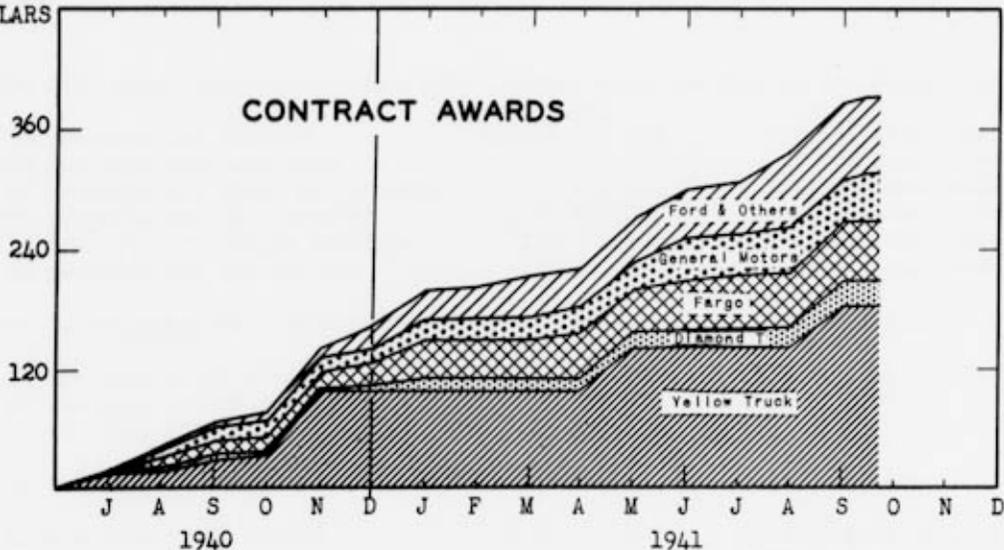
Deliveries: During the quarter-monthly period ended October 23, deliveries were reported on 3,210 vehicles. This brings cumulative deliveries under 1941 funds to 175,610 vehicles at a cost of 234 million dollars, and the delivery figure under 1942 funds to 79 vehicles at a cost of \$86,283.

Schedules & Delinquencies: Based on estimated delivery schedules, 6,485 vehicles distributed among 13 manufacturers were behind schedule; 3,031 vehicles, however, were delivered ahead of schedule.

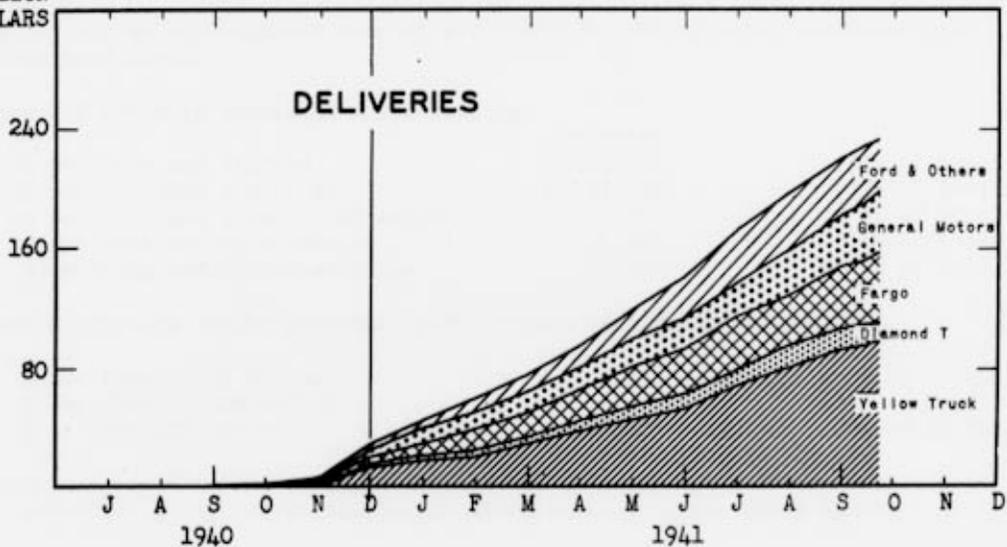
DIAGRAMS - MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F. Y. 1941 and 1942

Source: Office of the Quartermaster General - Statistics Branch - October 23, 1941

MILLION DOLLARS



MILLION DOLLARS



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - October 15, 1941

Source: Statistics Branch, Office of the Quartermaster General

Of 586 Q.M. construction projects, with a total estimated cost of \$2,354,439,712:

	<u>Cost</u>	
558 projects are started	\$2,260,631,676	(96% of total cost)
197 projects are completed	673,016,819	(29% of total cost)
60 projects are ahead of schedule	187,203,517	(8% of total cost)
266 projects are on schedule*	1,207,820,227	(51% of total cost)
35 projects are behind schedule	192,591,113	(8% of total cost)
28 projects are not started	93,808,066	(4% of total cost)

Of the 60 projects ahead of schedule, with an estimated cost of \$187,203,517:

29 are from 5-10% ahead	\$124,948,733	(67% of \$187,203,517)
20 are from 11-20% ahead	38,357,066	(20% of \$187,203,517)
11 are over 20% ahead	23,897,718	(13% of \$187,203,517)

Of the 35 projects behind schedule, with an estimated cost of \$192,591,113:

14 are from 5-10% behind	\$ 57,239,608	(30% of \$192,591,113)
14 are from 11-20% behind	111,222,658	(58% of \$192,591,113)
7 are over 20% behind	24,128,847	(12% of \$192,591,113)

Of the 586 Q.M. construction projects, 278 (47%) provide a troop housing capacity of 1,465,807 at an estimated cost of \$973,748,535 (41% of total estimated Q.M. construction cost).

Of the 278 projects providing troop housing:

	<u>Capacity</u>	
276 projects are started	1,464,744	(99% of total)
156 projects are completed	1,135,419	(77% of total)
25 projects are ahead of schedule	74,399	(5% of total)
87 projects are on schedule*	234,124	(16% of total)
8 projects are behind schedule	20,802	(1% of total)

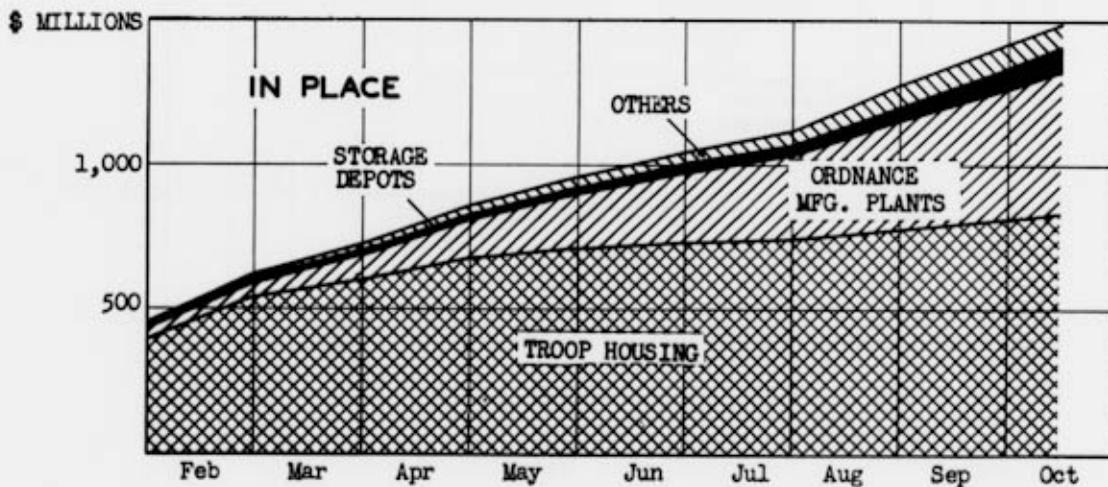
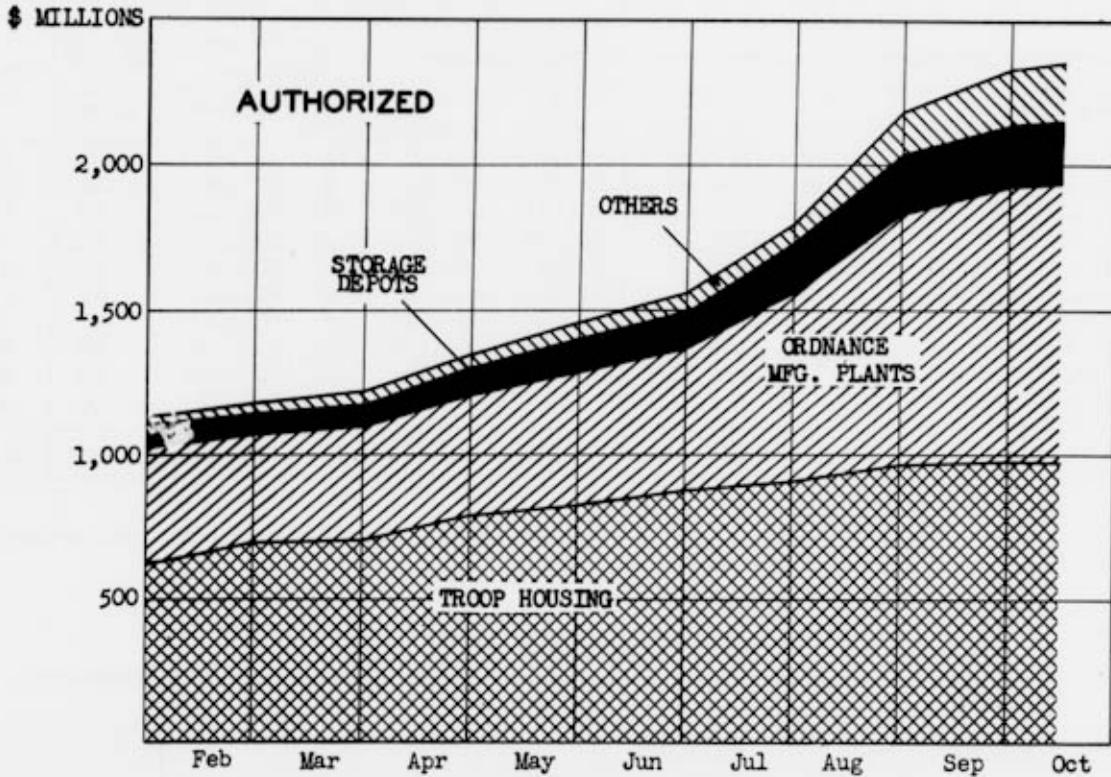
Of the 8 projects behind schedule, with a troop capacity of 20,802:

3 are from 5-10% behind	528	(3% of 20,802)
4 are from 11-20% behind	2,995	(14% of 20,802)
1 is over 20% behind	17,279	(83% of 20,802)

*Projects 1 to 4% behind schedule and 1 to 4% ahead of schedule are included in "on schedule" data, due to difficulty in estimating within these limits.

DIAGRAMS - STATUS OF QUARTERMASTER CONSTRUCTION - October 15, 1941

Source: Statistics Branch, Office of the Quartermaster General



ESTIMATED STATUS OF TROOP HOUSING IN COMPLETED PROJECTS - October 15, 1941

Source of Information: Construction Division, Office of the Quartermaster General

Corps Area	No. of projects	New troop capacity		Availability new troop housing in completed projects					
		Number	% of total	to 10-31-41	to 11-30-41	to 12-31-41	to 1-31-42	to 2-28-42	Later
1	32	76,285	5	74,248	74,752	76,033	76,033	76,033	76,285
2	64	86,573	6	60,370	82,085	86,344	86,344	86,344	86,573
3	75	142,037	10	127,394	140,045	140,675	141,267	141,267	142,037
4	108	525,982	36	488,989	453,446	515,325	525,982	525,982	525,982
5	25	34,003	2	13,619	13,619	14,658	14,658	34,003	34,003
6	28	44,229	3	42,448	42,511	42,511	42,511	42,511	44,229
7	62	132,180	9	91,446	97,543	98,071	115,639	115,639	132,180
8	69	193,410	13	163,594	185,188	191,772	192,402	192,402	193,410
9	93	208,746	14	131,194	179,486	182,725	208,746	208,746	208,746
*	30	22,362	2	0	0	0	0	1,008	22,362
Total	586	1,465,807		1,193,302	1,308,675	1,348,114	1,403,582	1,423,935	1,465,807

*Construction outside continental limits of U.S.

TROOP HOUSING CAPACITIES

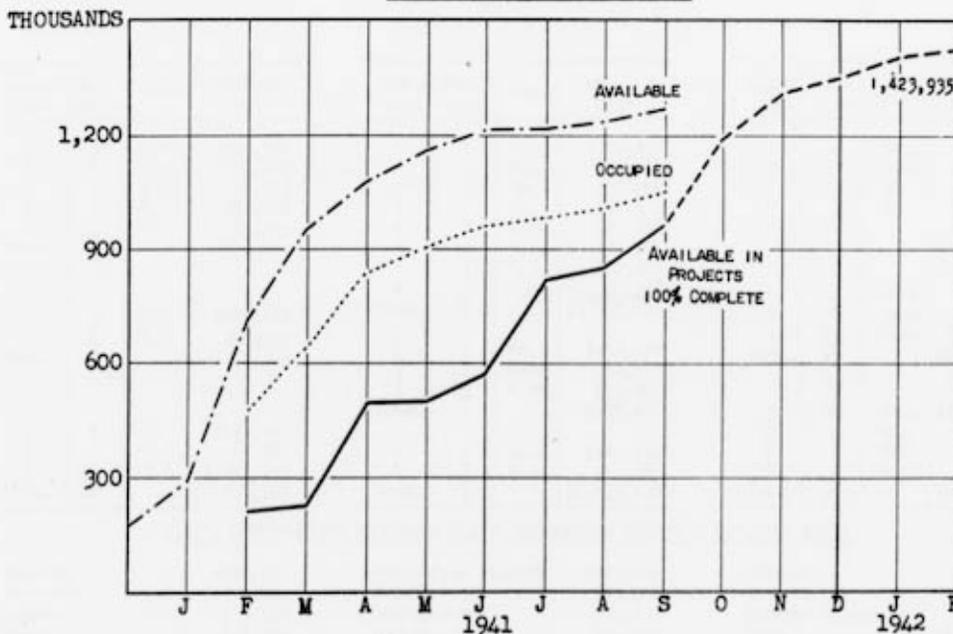
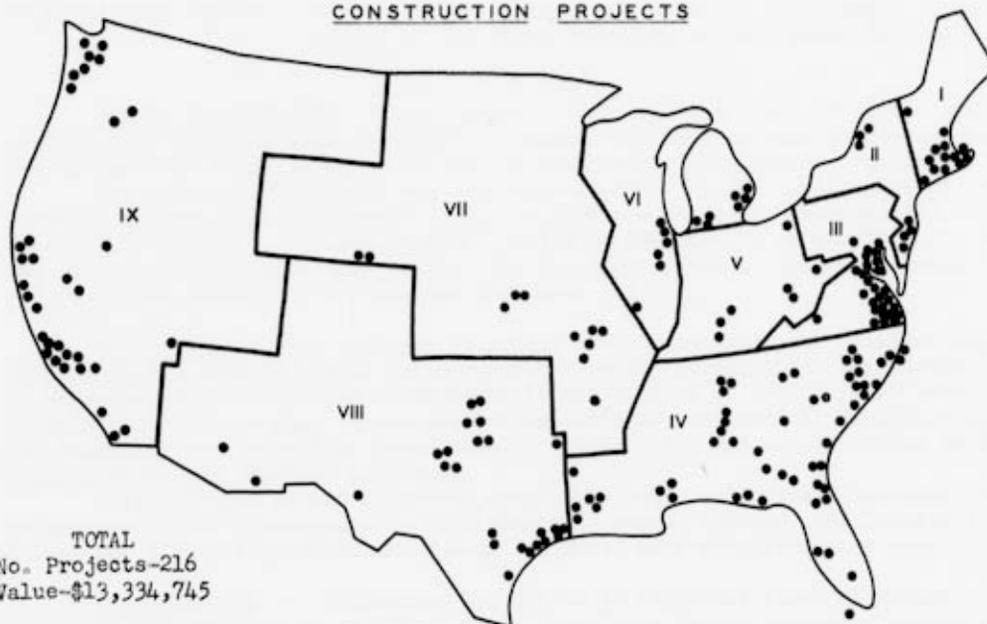


DIAGRAM - CONSTRUCTION PROGRAM OF U.S.O. RECREATION CENTERS BY CORPS AREAS

Source: Construction Division, Office of the Quartermaster General

CONSTRUCTION PROJECTS



TOTAL
No. Projects-216
Value-\$13,334,745

CORPS AREA	PRO-JECTS	STATE	ESTIMATED COST
1	2	CONN.	\$126,330
1	6	MASS.	426,689
1	1	N.H.	38,383
1	3	R.I.	254,566
1	1	VT.	66,743
TOTAL	13		\$912,711
2	3	N.J.	\$254,472
2	4	N.Y.	264,231
TOTAL	7		\$518,703
3	8	MD.	\$446,769
3	1	PA.	82,881
3	19	VA.	1,546,853
TOTAL	28		\$2,076,503

CORPS AREA	PRO-JECTS	STATE	ESTIMATED COST
4	6	ALA.	\$519,250
4	11	FLA.	501,164
4	7	GA.	428,868
4	6	LA.	508,324
4	3	MISS.	326,109
4	12	N.C.	745,273
4	7	S.C.	600,289
4	3	TENN.	181,245
TOTAL	55		\$3,810,522
5	3	KY.	\$137,104
5	1	OHIO	80,913
5	3	W.VA.	187,968
TOTAL	7		\$405,985
6	6	ILL.	\$541,434
6	7	MICH.	511,966
TOTAL	13		\$1,053,400

CORPS AREA	PRO-JECTS	STATE	ESTIMATED COST
7	1	ARK.	\$95,965
7	3	KAN.	202,350
7	5	MO.	350,212
7	2	WYO.	137,619
TOTAL	11		\$786,146
8	2	ARIZ.	\$165,711
8	2	OKLA.	204,471
8	21	TEXAS	1,551,725
TOTAL	25		\$1,921,907
9	22	CAL.	\$1,336,667
9	2	NEV.	101,166
9	4	ORE.	110,769
9	5	WASH.	300,266
TOTAL	33		\$1,848,868

Q.M.C. CONSTRUCTION PROGRAM - U.S.O. RECREATION CENTERS - OUTLYING BASES

ICELAND	\$940,000
TRINIDAD	410,625
ALASKA	373,500
HAWAII	312,062

PHILLIPINE ISLANDS	\$277,000
PUERTO RICO	263,012
NEWFOUNDLAND	212,500
PANAMA	185,000

ANTIGUA	\$140,625
JAMAICA	93,750
BRITISH GUIANA	37,500
TOTAL	\$3,245,574

Quartermaster Corps

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - NOVEMBER 1, 1941

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

STATUS OF CONTRACTS - All contracts for critical items of ground signal equipment on the F.Y. 1941 expenditure program have been awarded except the contracts for 1500 Radio sets SCR-288 and 20 Instrument Blind Landing Equipment SCR-251.

The sum of \$177,981,000 has been appropriated for the procurement of critical items of ground signal equipment on the Regular and First Supplemental F.Y. 1942 expenditure programs. Contracts with a value of \$26,109,000 or 14.6% of the total amount appropriated have been awarded for the procurement of this equipment. Several important new contracts were awarded last week.

DELIVERIES - The delivery of ground radio sets last week totalled 1455 units compared with 343 units in the previous weekly period. It is interesting to note that deliveries were received on 15 of 19 types of ground radio sets upon which deliveries are due. These deliveries included substantial quantities of the new Frequency Modulated type radio sets for tanks which are sorely needed by the Armored force for training purposes.

Deliveries of ground equipment other than radio sets remain appreciably behind schedules. Improvement in deliveries is noted, however, and important contracts for Signal Lamp EE-84 and Theodolite ML-47 were completed last week.

DELINQUENCIES - Deliveries are due on 50 important items of ground signal equipment. A total of 35 or 70% of these items were behind scheduled deliveries on November 1. Out of 19 types of ground radio sets upon which deliveries are due 12 were behind schedules. The total number of delinquent ground sets of all types is 2599. Improvement in deliveries of radio sets has appreciably reduced delinquent quantities in recent weeks.

LABOR DIFFICULTIES - The following strikes and labor disputes are affecting Signal Corps procurement:

<u>Plant</u>	<u>Products</u>
Anaconda Wire & Cable Muskegon, Michigan	Copper wire
Insuline Corp. of America Long Island City, N.Y.	Tool equipment
Luce Manufacturing Co. Kansas City, Missouri	Carrying chests
Petroff Company New York City	Tuning units and plugs.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - NOVEMBER 1, 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>												
Charging set SCR-169												DELIVERED
Frequency meter set SCR-211	466								21			
Head & chest set HS-19	500								2			
Headset HS-23												DELIVERED
Radio set, ground (total)	2,016								10			
<u>MISCELLANEOUS EQUIPMENT</u>												
Converter M-134	25		100									
Flash ranging set GR-4	21					72						
Interphones (vehicular)		15										1
Signal lamp equip. EE-84	501		100									
Sound ranging set GR-3-C	2					50						
Theodolite ML-47												DELIVERED
<u>ELECTRONIC EQUIPMENT*</u>												
Aircraft warning devices	2											1

* Includes other items on which quantities are not due or schedules are not available.

SIGNAL CORPS DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - NOVEMBER 1, 1941

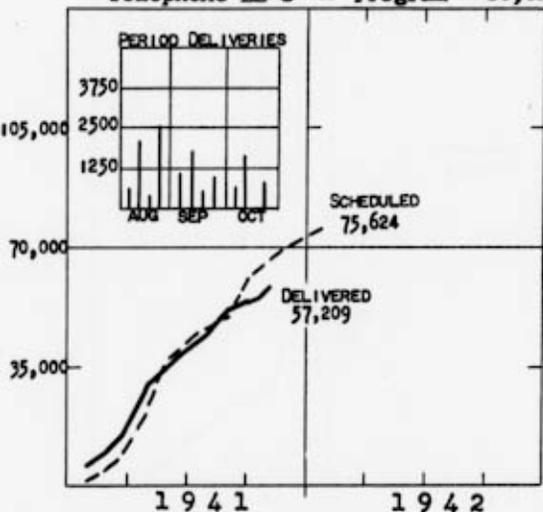
Source of Information: Office of the Chief Signal Officer, Procurement Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE		% AHEAD OF SCHEDULE	
			100 80 60 40 20 0	0 20 40 60 80 100		
<u>WIRE COMMUNICATION</u>						
Coil C-114	2,892			19		
Coil C-161						DELIVERED
Reel equipment CE-11						NONE DUE
Reel units (RL-16, 26, 31)	1,398			11		
Switchboards (BD-71, 72, 89, 96)		1,625				38
Telegraph printer set EE-97						NONE DUE
Telegraph set TG-5		412				17
Telephone EE-8	8,855			13		
Telephone central office set (TC-1 & TC-2)	10		63			
Telephone set TP-4	128		100			
Wire W-110-B & W-130 (miles)	7,389				6	

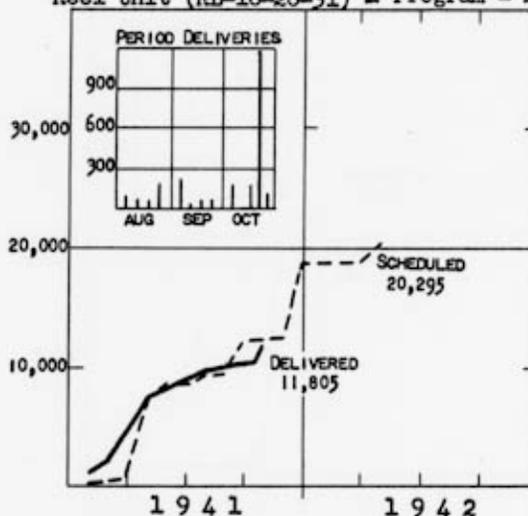
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - NOV. 1, 1941

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

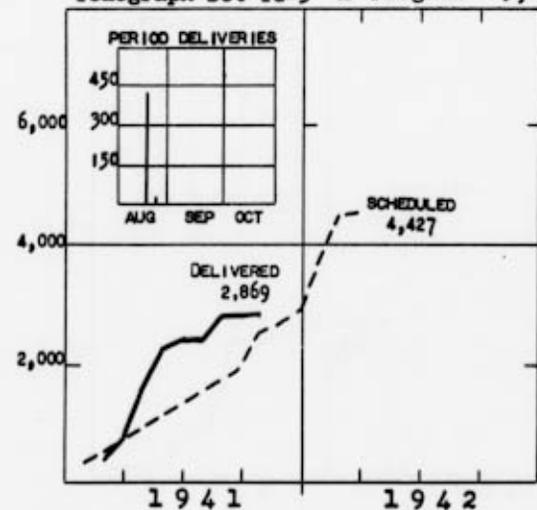
Telephone EE-8 - Program - 80,026



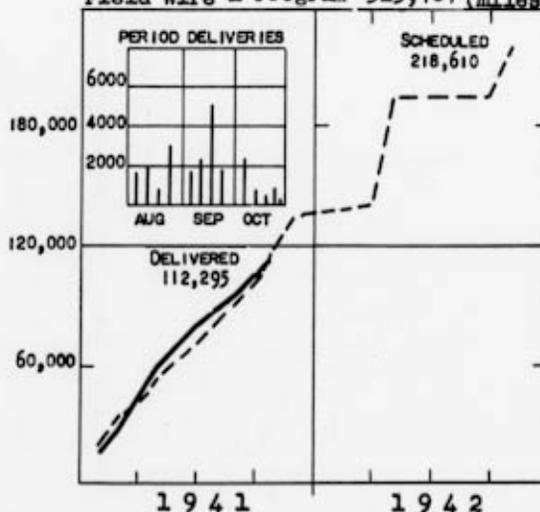
Reel Unit (RL-16-26-31) - Program - 21,402



Telegraph Set TG-5 - Program - 5,045



Field Wire - Program 313,707 (miles)

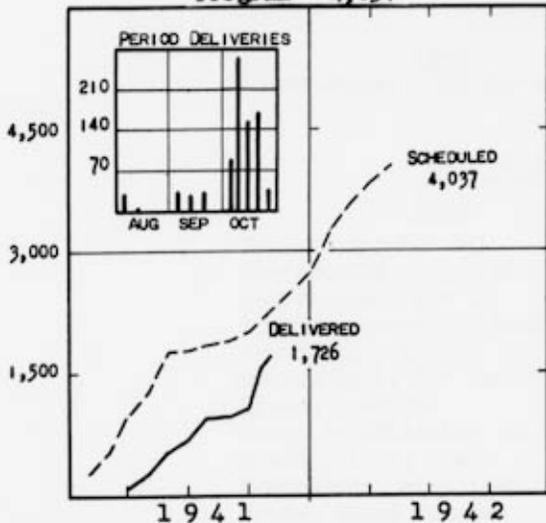


SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT

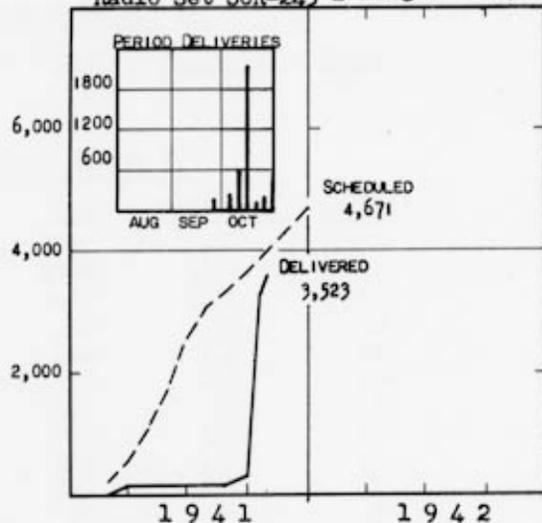
November 1, 1941

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

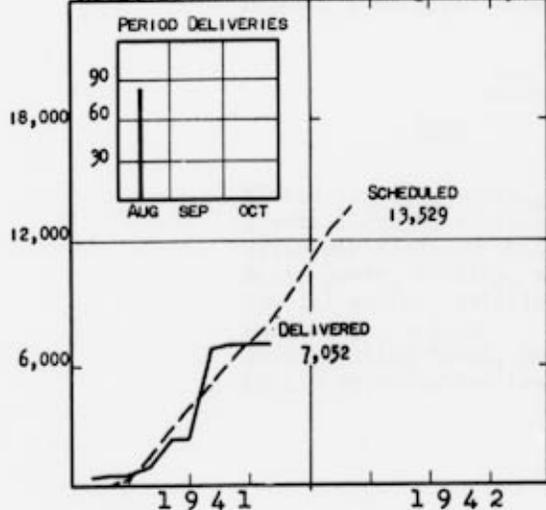
Frequency Meter Set SCR-211
Program - 4,037



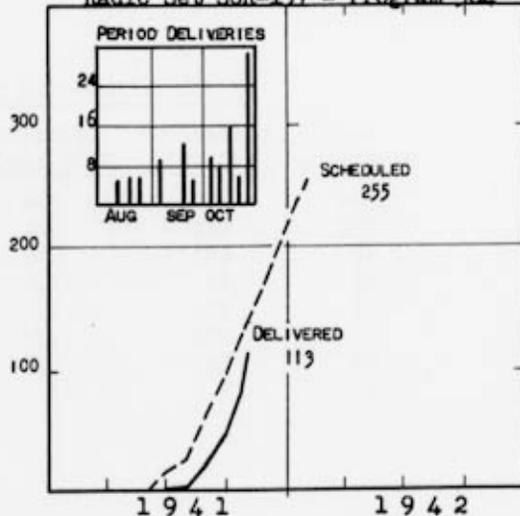
Radio Set SCR-245 - Program - 4,671



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



Radio Set SCR-197 - Program 364



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH OCTOBER 31, 1941

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

The status of Engineer procurement and the progress made during the month of October is shown below.

AHEAD OF SCHEDULE ON OCT 31

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Ahead</u>
Stereoscope, lens-prism	29	116	87

BEHIND SCHEDULE ON OCT 31

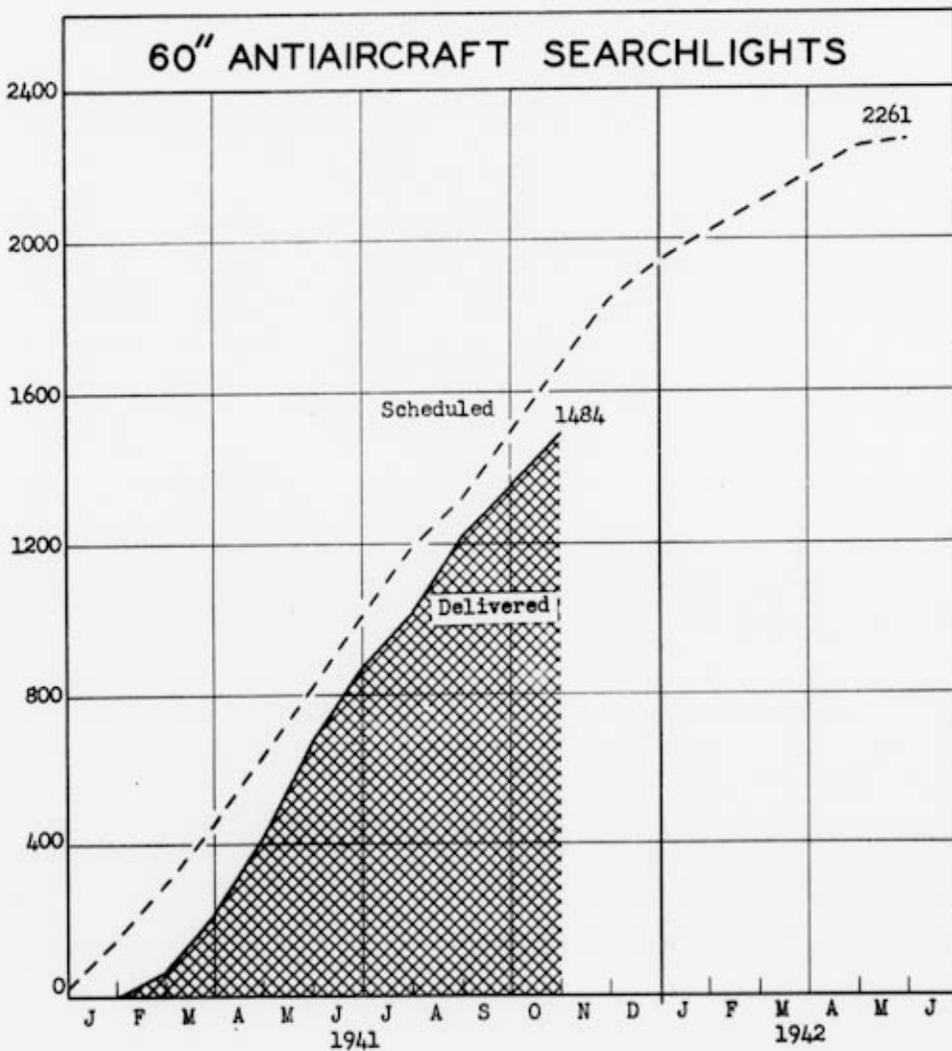
<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Behind</u>
Trailer for 60" S/L	2750	974	1776
Stereoscope, mag., mirror	1775	1198	577
Searchlight, 60" AA	1665	1484	181
Stereocomparagraph equip., set	50	10	40
Footbridge, M-1938	144	114	30
Searchlight, 18" (beach defense)	160	140	20
Mixer, concrete	117	99	18
Water purification unit, port.	449	433	16
Grader, road, mtzd.	119	106	13
Compressor, air, mtzd.	890	879	11
Crane, truck mounted	28	20	8
Ponton bridge, 25-ton	51	47	4
Bridge, portable, steel trestle	8	4	4
Shovel, gasoline, 1/2-yard	73	70	3
Bridge, steel, portable, M-10	87	86	1

NEW CONTRACTS LET—EIGHT ITEMS

<u>Item</u>	<u>Contracted</u> <u>Sept 30</u>	<u>Contracted</u> <u>Oct 31</u>	<u>New</u> <u>contracts</u>
Elect. lighting equip., 3 kva	865	1025	160
Elect. lighting equip., 5 kw	243	352	109
Water purification unit, port.	520	572	52
Boat, power, utility, w/trailer	47	62	15
Special equip., aviation	17	31	14
Footbridge, M-1938	164	174	10
Triangulation tower, portable	33	43	10
Mobile reproduction train	1	2	1

DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH OCTOBER 31, 1941

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



TEXT SUMMARY - CORPS OF ENGINEERS - AIR CORPS CONSTRUCTION, OCTOBER 15, 1941

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

During the past period (September 30 - October 15) the value of work in place on the construction at Air Corps stations being done by the Corps of Engineers has increased 30 million dollars while the total estimated cost of this construction has increased only 8 million dollars. The total estimated cost is now tending to level out while the construction being completed is increasing steadily.

This construction consists of 133 projects which have a total estimated cost of 684 million dollars and a troop capacity of 350 thousand men. The estimated value in place is 384 million dollars or 56 percent of the total estimated cost.

A breakdown of the construction program and of the progress shown during the last period follows:

Type of Project	No. Projects		Est. Cost		Work in Place		% in Place	
	Sep 30	Oct 15	Sep 30	Oct 15	Sep 30	Oct 15	Sep 30	Oct 15
G.H.Q. Air Force	48	48	202	201	163	171	81	85
Observation Units	13	12	9	9	4	4	44	44
Pilot Schools	43	44	177	179	65	75	37	42
Technical Schools	6	6	80	81	58	64	73	79
Air Corps Depot	15	16	115	121	27	29	23	24
Assembly Plants	4	4	72	72	27	31	38	43
Replacement Centers	2	2	9	9	6	6	67	67
Experimental Depots	1	1	12	12	4	4	33	33
Total	132	133	676	684	354	384	52	56

Two projects were added to the program in the last period--a pilot school and a ferrying command station. They are:

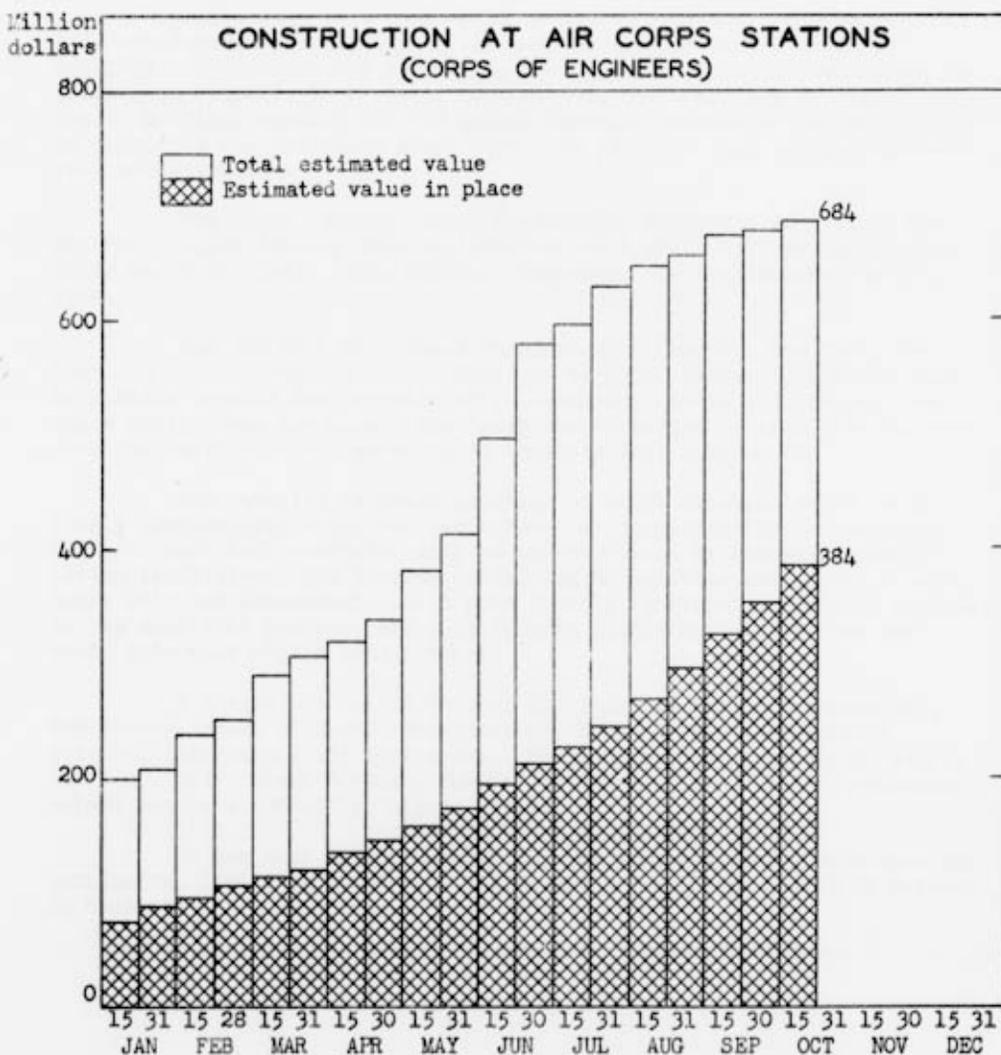
Matagorda Airfield, Texas----Construction of airfield with temporary housing and technical facilities with an estimated cost of \$284,000.

Nashville Airfield, Tennessee----A ferrying command with an estimated cost of \$377,000. The troop capacity is 215 men.

One project of which the land-status approval and the Air Corps layout approval were pending was dropped. This project was an observation unit--Stinson Field, San Antonio, Texas. The estimated cost was \$157,000 for the construction of temporary housing and technical facilities at an existing municipal airport. Its troop capacity was 500 men.

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

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED NOVEMBER 8, 1941

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

Deliveries were made on 34 of the 82 selected items carried on this statistical report, during the quarter monthly period ended October 23, 1941. Sixteen of the deliveries were made on surgical needles by the Torrington Company, Torrington, Connecticut, and consisted of 26,448 packages. Surgical needles are far behind schedule because of the difficulty of obtaining the stainless steel wire, out of which they are manufactured, from subcontractors.

The Logan Company, Inc., Louisville, Kentucky, made final delivery of 1,000 Folding Beds on their contract which has been delinquent since March 24, 1941. This delivery completes the 1941 program on this item.

The New York Drop Cloth Manufacturing Company, New York, New York, is behind schedule on the delivery of 2,500 Canvas Splint Set Cases. Originally trouble was experienced in obtaining canvas and webbing from which these cases are made. The delay now is caused by inability to procure the heavy buckles necessary to complete this equipment.

The recently reported shortage of ethyl alcohol, which is seriously handicapping druggists throughout the country in the preparation of their medicinal products, will be improved soon by increased manufacturing facilities. The Seagram Distilling Corporation has signed a contract with the government, which uses greatly increased amounts of alcohol in the munitions program, and will convert 65,000 bushels of corn per month into this widely used product.

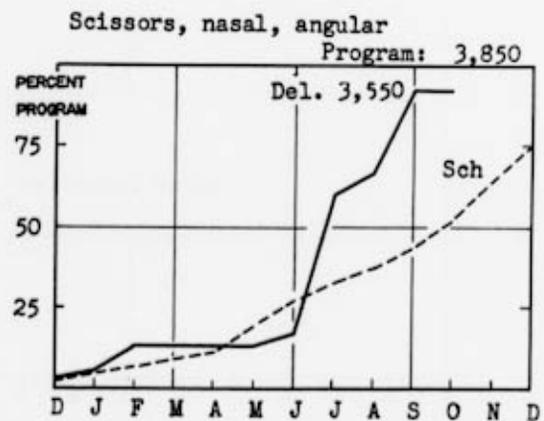
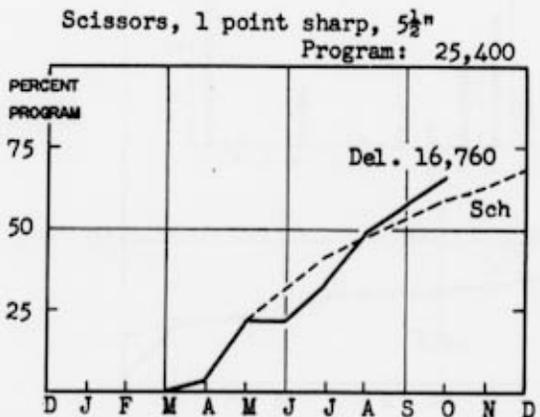
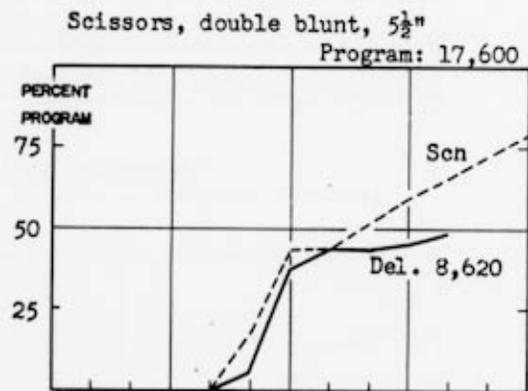
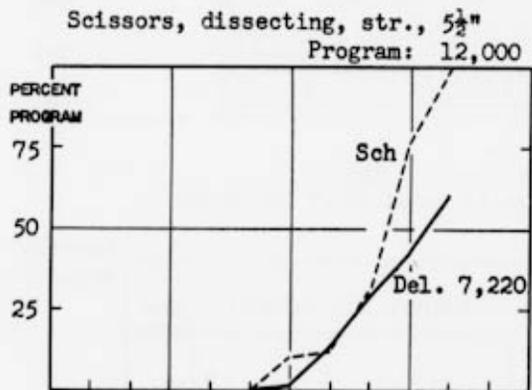
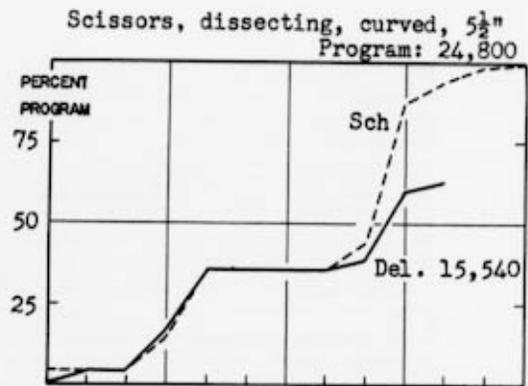
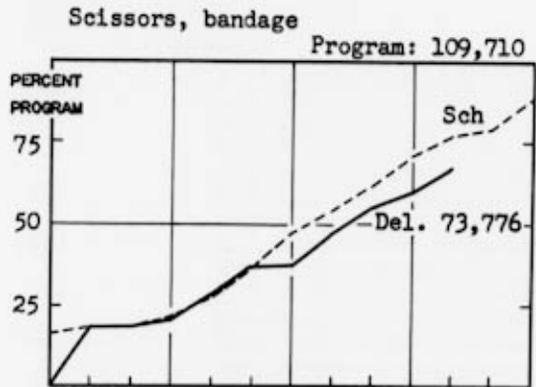
A strike was called October 31, 1941, at the East Rutherford, New Jersey, plant of Becton Dickinson and Company, manufacturers of surgical instruments and appliances. The company has contracts to supply the Army, Navy, Great Britain, Russia and China. Seven hundred employees walked out in a demand for higher wages.

In the week ending October 30, the percentage of sick within the continental limits of the United States was 3.31. There were 3.07 percent in hospital and .24 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS - SIX CRITICAL ITEMS - OCTOBER 15, 1941

Source of Information: Medical Department Procurement Progress Reports

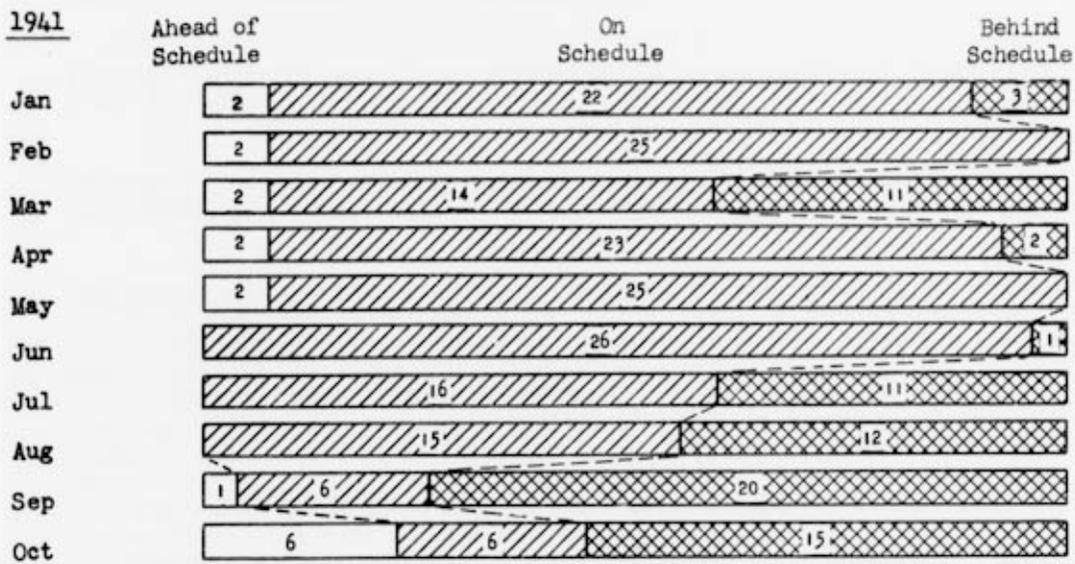
Includes 1941 program only.



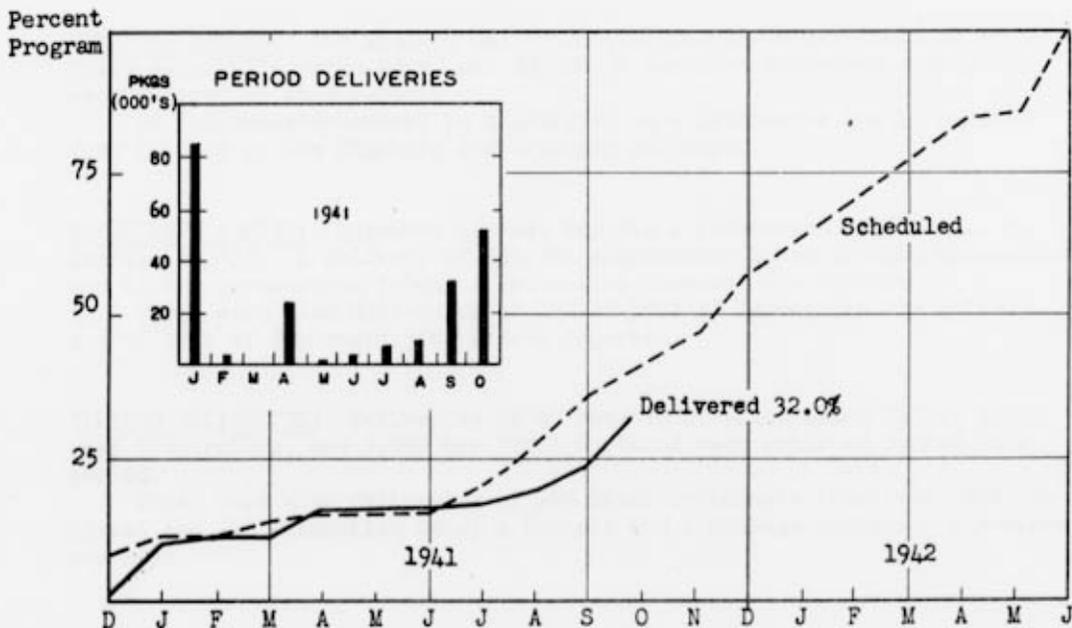
MEDICAL DEPARTMENT - PROCUREMENT OF SURGICAL NEEDLES - OCTOBER 23, 1941

Source of Information: Medical Department Procurement Progress Reports

Twenty-Seven Types of Surgical Needles



Index of Procurement of Surgical Needles
(Based on Total Money Value of 1941 Program on Surgical Needles)



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 of the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 66,294 units; 17,676 of these are deliveries on the 1942 program. Firestone completed their 1941 contract by a delivery of 16,888 units and are scheduled to begin production on their 1942 contract immediately.

Goodyear's contract for 238,000 Service Masks, 68 per cent of which have been delivered, is the only 1941 Service Mask contract that is not complete. This contract is scheduled to be completed in December of this year.

There were 8,480 Extra Service Canisters delivered by Johnson and Johnson during the week of this report.

Edgewood Arsenal reports a delivery of 18,286 Diaphragm Masks. They have now completed 74 per cent of the Diaphragm Masks required by the 1941 program and are scheduled to assemble the remaining 26 per cent by the end of January 1942.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 85 tons. There were 4,516 Smoke Pots. and 38,300 CN capsules delivered during the week covered by this report.

CN (chloracetophenone) is classified as a lacrimator and in capsule form is used in Gas Chambers for training purposes.

PROTECTIVE AGENTS: Edgewood Arsenal reports a production of 6.8 tons of Impregnite "I". A delivery of 230,256 eight-ounce tubes of Shoe Impregnite and 14,652 three-ounce tubes of Protective Ointment was reported.

There were also deliveries of 172.25 tons of Impregnite "I" Solvents and 65 tons of Demustardizing Bleach reported.

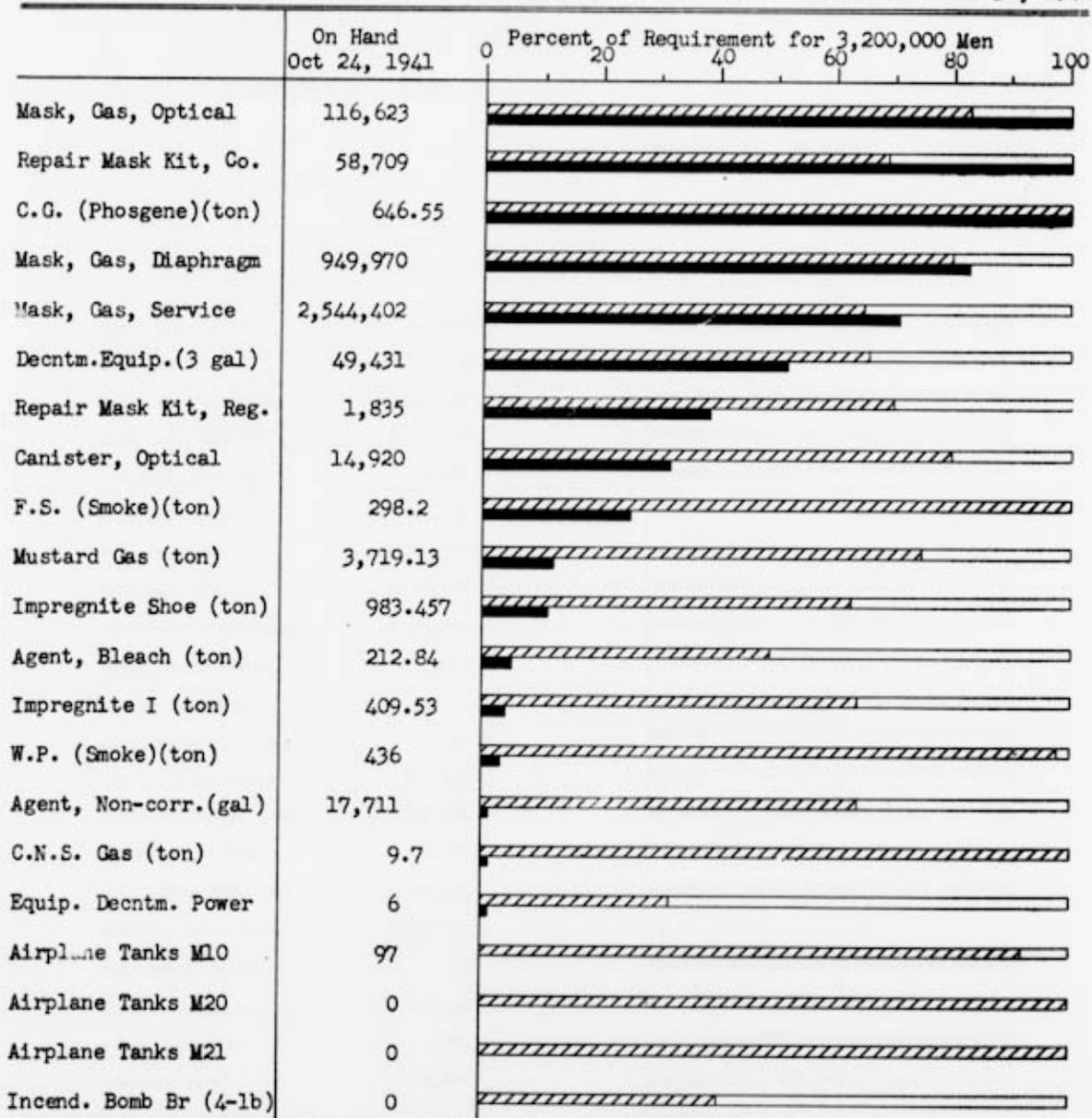
VARIOUS DELIVERIES: Deliveries of 49 Mark-10 Airplane Smoke Tanks; 3,000 Dust Respirators, and 3,096 Gas Proof Curtains were reported during this period.

There were also deliveries of 266 Steel Containers (ton); 107 Instructional and 213 Detonation Sets; 4 Funnels and 1 Leakage Indicator (Eyepiece) reported.

STOCKS ON HAND AND REQUIREMENT OF SELECTED ITEMS

Source of Information: Chemical Warfare Service

Status October 31, 1941



Stocks on Hand
 Requirement for 1,820,000 Men
 Additional Requirement for 3,200,000 Men

Chemical Warfare Service

Statistics Branch
OUSW - 11-8-41

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH OCTOBER 31, 1941

Source of Information: Office, Chief of Coast Artillery

PROGRESS SHOWN

The procurement of submarine mine equipment has shown remarkable progress; at present it is about six months ahead of schedule. The main reason for this is that all work of assembling this equipment is done by the enlisted men of the Coast Artillery Corps. This has avoided all labor problems and subsequent delays.

REVISION OF REPORT

In the past this report has included the procurement of only the initial requirements of submarine mine equipment for the fourteen mine projects. We have now added the equipment needed for maintenance of these projects and to stock the depots and reserves. In the future we will report these combined figures.

DIAGRAM

The control panel is the controlling component of the submarine mine equipment and a diagram of the procurement of these panels appears on one of the following pages.

The last 30 shown on the schedule are divided as follows:

Submarine Mine Depot	8
Depot Reserve	20
U. S. Military Academy	2
	<u>30</u>

Those for the U.S.M.A. were delivered last April.

The 46 yet to be delivered are:

Delaware	18	(8 of 26 delivered)
Submarine Depot	8	
Depot Reserve	20	
	<u>46</u>	

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - OCTOBER 31, 1941

Source of Information: Office, Chief of Coast Artillery

