

War: Reports, Weekly Statistical: 11/15-11/29/41

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WEEKLY STATISTICAL REPORT

No. 20

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DIRECTOR, STATISTICS BRANCH

SUMMARY

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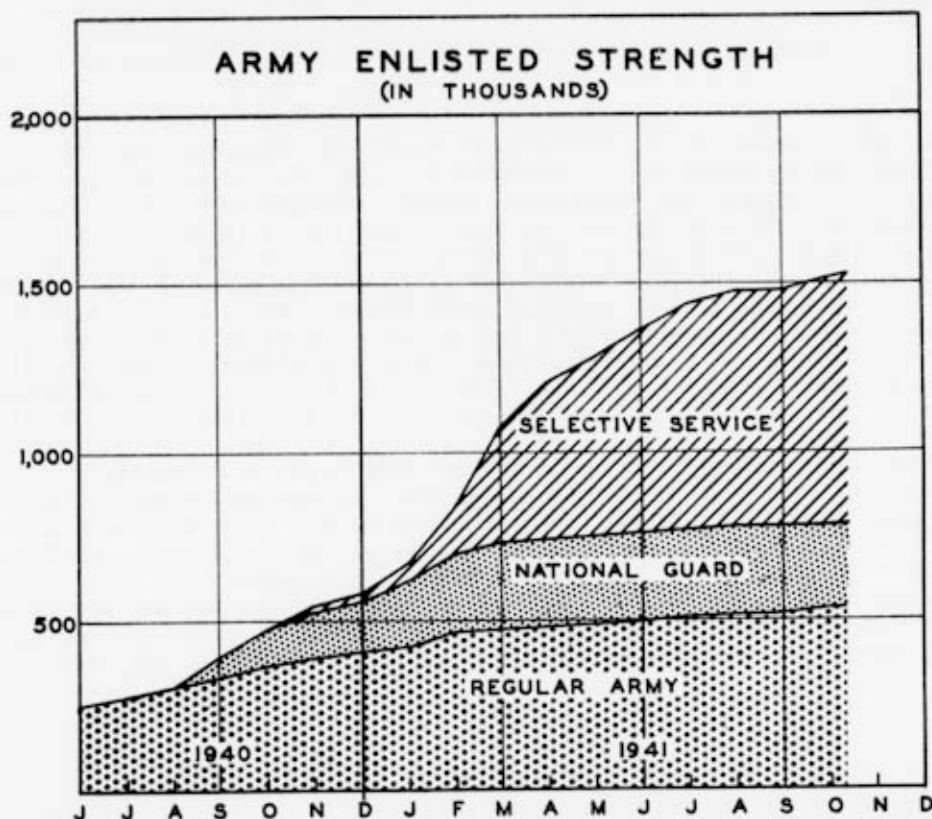
STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
REPORT # 20
NOVEMBER 15, 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 10, 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	1,105,873	Oct	1,504,000
Nov	540,695	May	1,205,873	Nov 10	1,507,000
Dec	573,520	Jun	1,361,462		

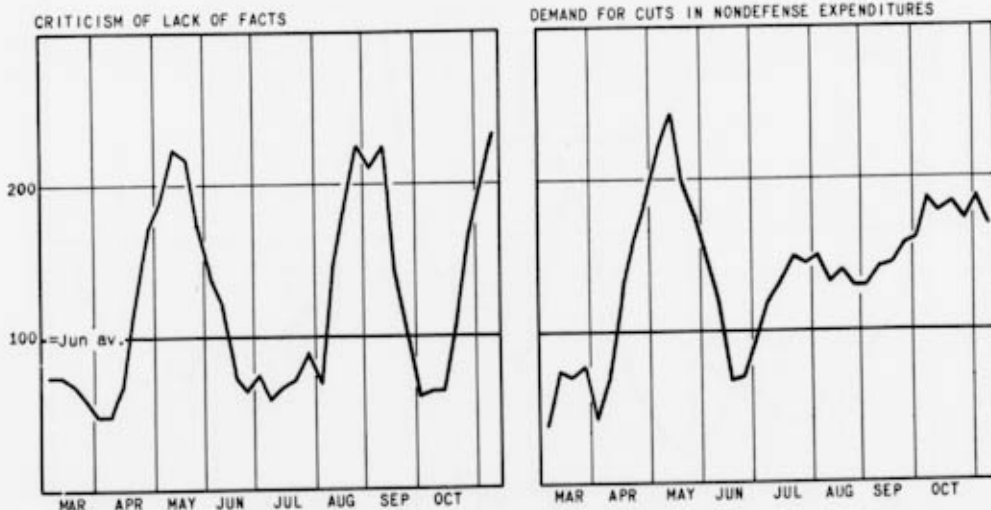
Source of Information: Statistics Branch, General Staff, November 12, 1941

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, November 12, 1941

Editors throughout the nation have become acutely aware during the past week that there now exists a veritable triple threat of an impending crisis in relationships between government and organized labor. There is at present a real possibility that we may have in this country within the next few weeks three great strikes which may curtail coal mining, halt building construction, and suspend railroad transportation. Editorial opinion holds that all three of these threats seem to be motivated by opportunism rather than by justifiable grievances, and as a result the leading newspapers have almost unanimously recorded complete judgments calling for new and more effective legislation to regulate and delimit the activities of labor unions.

In general the editorials dealing with these problems are not at all vindictive or extreme in their recommendations. They tend to center on three propositions. These are that there should be enacted federal legislation requiring unions to make periodic accountings of their finances and their membership, to elect their officers annually by secret balloting, and to conduct strike votes by balloting under governmental supervision. There is nearly unanimous editorial opinion in opposition to permitting labor controversies to delay and impair our defense effort.

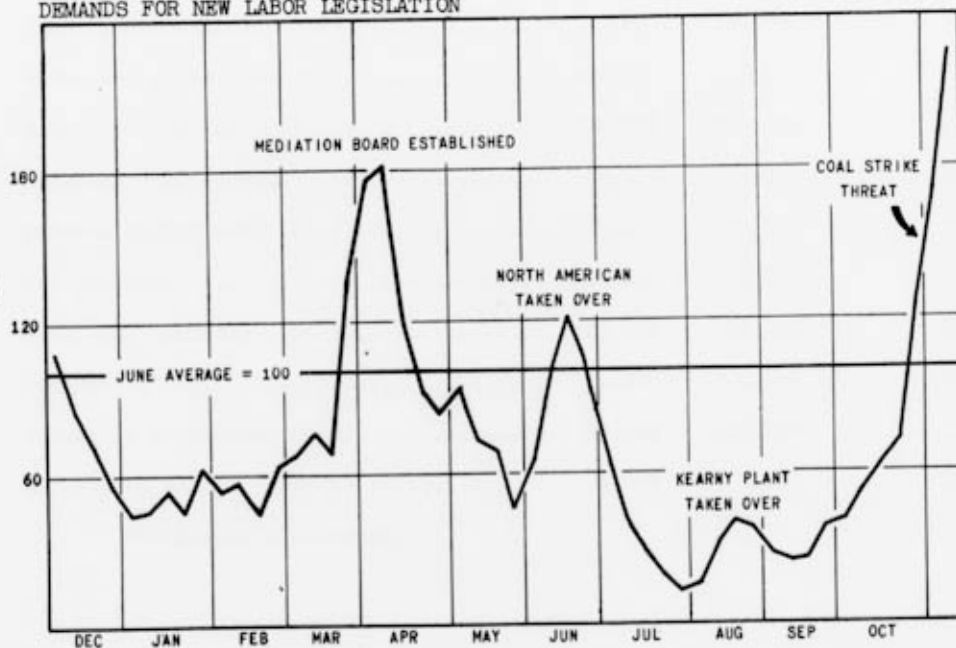


EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, November 12, 1941

PERCENT OF OPINIONS EXPRESSED			
	In favor	Against	No opinion expressed
Limitation of farm prices	68	6	26
Price bill as reported out	-	53	47
Expansion of Social Security	21	47	32
Canadian type price ceiling	37	11	52

DEMANDS FOR NEW LABOR LEGISLATION



STRATEGIC AND CRITICAL MATERIALS - IMPORTS

Source of Information: U.S. Department of Commerce

In spite of the world shortage of shipping United States imports rose in the first 9 months of 1941 compared with the same period of 1940. Strategic and critical materials participating in this increased trade, with their volumes (where available) are as follows:

	First 9 Months		Percent of Increase
	<u>1940</u> (000 omitted)	<u>1941</u>	
TOTAL IMPORTS (\$)	1,872,000	2,316,000	23.7
CRUDE MATERIALS & SEMIMANUFACTURES (\$)	1,134,000	1,512,000	33.3

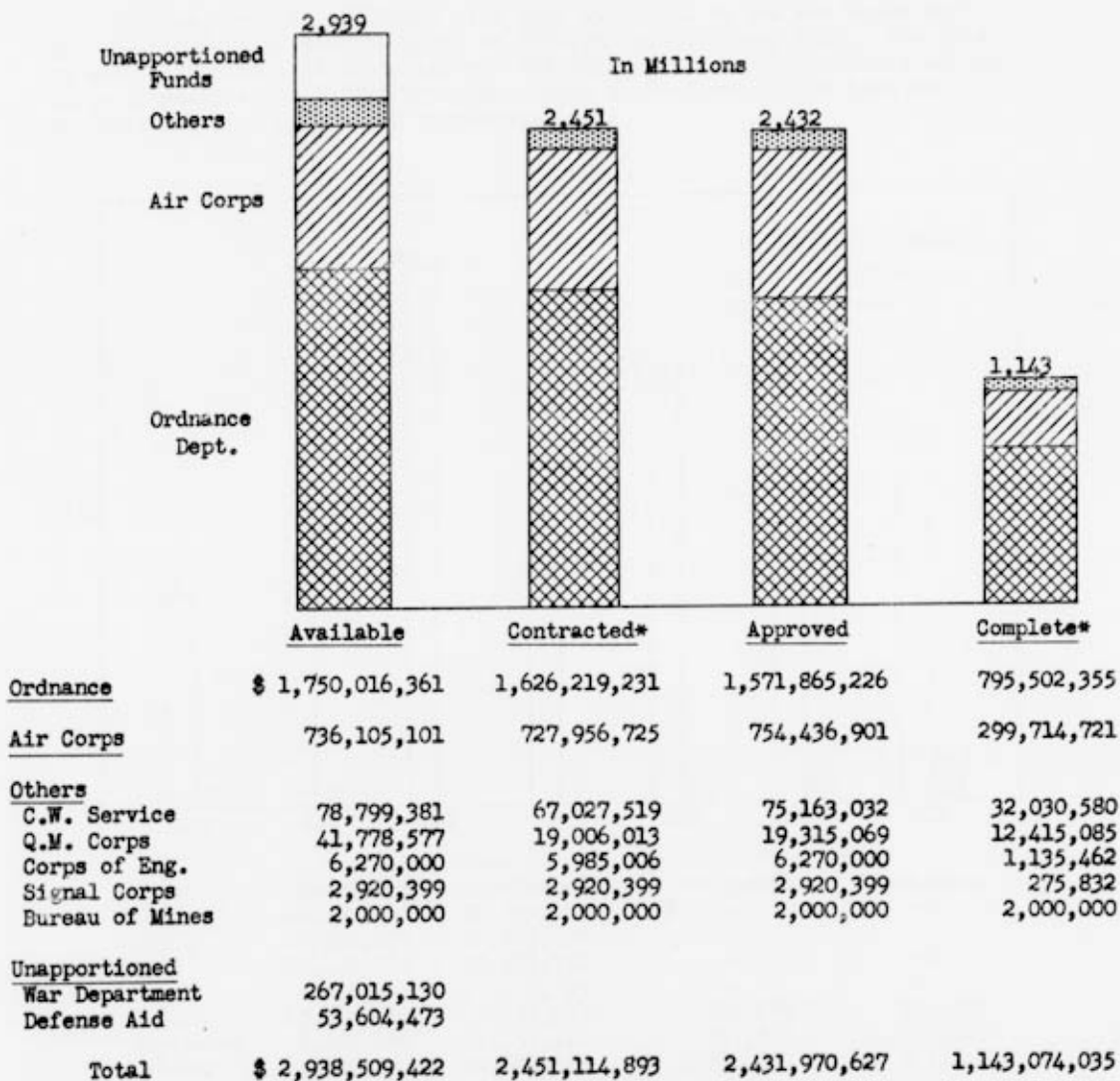
STRATEGIC AND CRITICAL MATERIALS

Wool (pounds)	235,711	666,298	182.7
Nonferrous ores (\$)	20,603	49,207	138.8
Copper (pounds)	480,726	931,284	93.7
Jute (pounds)	90,057	160,702	78.4
Hides and skins (pounds)	251,770	438,184	74.0
Rubber, crude (pounds)	1,276,933	1,703,411	33.4
Flax and hemp (pounds)	8,909	5,936	33.4*
Ferro-alloying ores (\$)	25,474	32,906	29.2
Tin (pounds)	201,292	255,766	27.1
Silk, raw (pounds)	27,576	21,980	20.3*
Leather (\$)	4,279	4,946	15.6
Diamonds, industrial (\$)	98,949	112,656	13.9
Nickel and alloys (pounds)	6,697	7,415	10.7

*Indicates a decrease.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - NOVEMBER 6, 1941

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

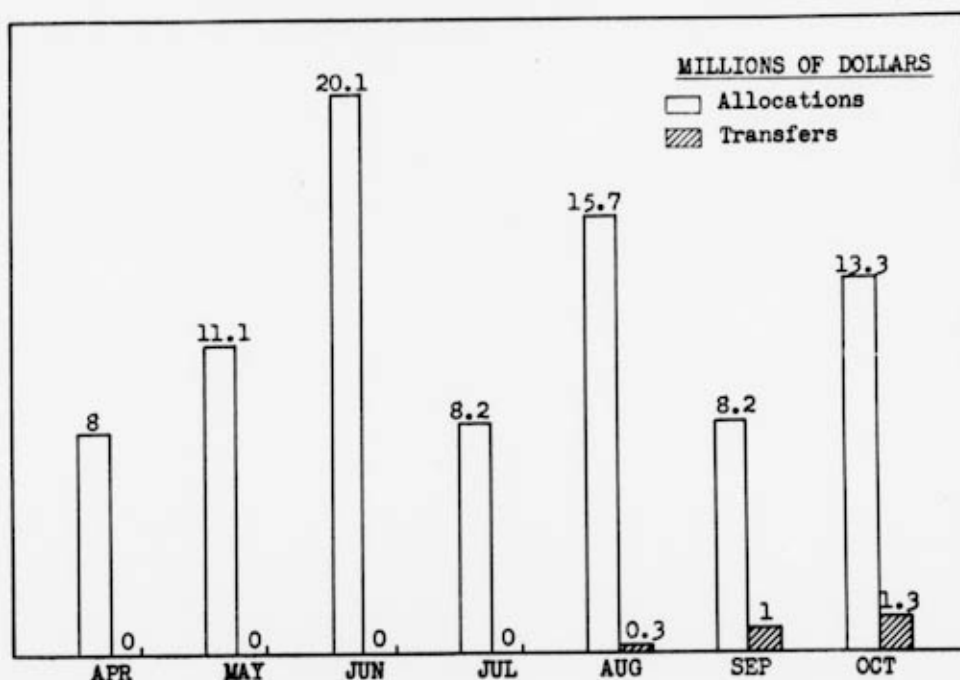


* Estimated

DEFENSE AID - MACHINE TOOL ALLOCATIONS AND TRANSFERS

Source of Information: Defense Aid Division, OUSW

To date, Defense Aid funds have been allocated to the War Department for the purchase of machine tools on British requisitions, only. The amount of such allocations is shown below. The figures for transfers represent the value of machine tools, procured under such allocations, which have been formally accepted by British representatives.



Month	Allocations		Transfers	
	Per Month	Cumulative	Per Month	Cumulative
April	\$8,000,000	\$8,000,000	\$ --	\$ --
May	11,072,237	19,072,237	--	--
June	20,149,894	39,222,131	--	--
July	8,218,202	47,440,333	--	--
August	15,712,669	63,153,002	303,479	303,479
September	8,200,109	71,353,111	967,846	1,271,325
October	13,309,207	84,662,318	1,296,075	2,567,400

In addition to the above, the Treasury Department has purchased approximately \$500,000 worth of machine tools, while direct British orders amount to \$316,121,000.

Defense Aid

Statistics Branch
OUSW - 11-15-41

DEFENSE AID - COMPLETION DATES OF TACTICAL AIRPLANE CONTRACTS

Source of Information: Consolidated Statistical Report - Air Corps

* DATE OF SCHEDULE COMPLETION

		* DATE OF SCHEDULE COMPLETION																
LIGHT BOMBER,	A-28																52	100
LIGHT BOMBER,	A-29	*															417	36
TRANSPORT,	C-61	*															100	17
PURSUIT-INTERCEPTOR, P-66		*															144 (A)	9
TRANSPORT,	C-59	*															10	
OBSERVATION,	A-29		*														200	
LIGHT BOMBER,	A-20C			*													140	
LIGHT BOMBER,	A-20C			*													375	
PURSUIT-INTERCEPTOR, P-43A-1				*													125 (A)	
TRANSPORT,	C-60			*													15	
TRANSPORT,	C-63			*													100	
TRANSPORT,	C-53				*												10 (A)	
PURSUIT-INTERCEPTOR, P-390-1						*											150	
PURSUIT-INTERCEPTOR, P-40E-1						*											1,500	
PURSUIT-INTERCEPTOR, P-390-1							*										344	
MEDIUM BOMBER,	B-34							*									200	
PURSUIT-INTERCEPTOR, P-51									*								150	
HEAVY BOMBER,	B-17F									*							300	
DIVE BOMBER,	A-31										*						400	
DIVE BOMBER,	A-31											*					200	
TRANSPORT,	C-47											*					200	
MEDIUM BOMBER,	B-26B-1												*				500	
HEAVY BOMBER,	B-24D													*			700	
LIGHT BOMBER,	A-30														*		575	
OBSERVATION,	O-56															*	550 (B)	
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M

Contracts Current October 31, 1941 1942

1943

(A) CHINESE CONTRACTS

(B) CONTRACT SCHEDULE - NO ESTIMATE AVAILABLE

TEXT SUMMARY - ORDNANCE DEPARTMENT - NOVEMBER 15, 1941

Source of Information: Ordnance Department and OUSW

FISCAL

The Second Supplemental National Defense Appropriation Act, 1942, approved October 28, 1941, contained the section entitled Defense Aid Supplemental Appropriation Act, 1942, appropriating \$5,985,000,000. Included in this amount are:

\$1,190,000,000 for ordnance and ordnance stores, supplies, spare parts, and materials, including armor, ammunition and components thereof.

\$385,000,000 for tanks, armored cars, automobiles, tanks, and other automotive vehicles, spare parts and accessories.

\$375,000,000 for facilities and equipment for the manufacture, production, or operation of defense articles.

These amounts are subject to specific authorization by the President and are subject in part to transfers from, or to, other purposes in the Act. They compare as follows with the amounts appropriated in the Defense Aid Supplemental Appropriation Act, 1941 (approved March 27, 1941) and with the allocations reported under this first defense aid law (as of August 31, 1941) for the same purposes:

	<u>Ordnance, etc.</u>	<u>Tanks, etc.</u>	<u>Facilities, etc.</u>
	(Millions of Dollars)		
Defense Aid Act, 1942	1,190	385	375
Defense Aid Act, 1941	1,343	362	752
Allocated Aug. 31, 1941	1,388	394	502

The First Supplemental National Defense Appropriation Act, 1942, approved August 25, 1941, contained the major part of the \$3,181,000,000 fiscal year 1942 appropriations directly to the Ordnance Department. Purchase authorizations have been issued covering approximately two-thirds of these funds. In addition, the Ordnance Department has \$1,104,000,000 of 1942 cash available to liquidate 1940-41 Contract Authorizations.

The proposed bill for a Third Supplemental National Defense Appropriation, 1942 fiscal year is reported to total over \$5,000,000,000, of which approximately one half is to be available for ordnance items, including tanks.

ARTILLERY

Development work and procurement of the six following important items of artillery, funds for which have been authorized this year, is being expedited.

4,236 guns, 40mm, Antiaircraft	1,485 guns, 3", T-10, Antitank
2,000 guns, 57mm, Antitank	480 guns, 4.5", M1
1,000 guns, 3", T-9, Antitank	1,350 gun motor carriages, 75mm, T-12
(On self-propelled gun mount)	

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

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program*	Preliminary deliveries thru Oct 31	Percent of total program			
			Con- tracted	Sched- uled	Due Oct 31	Delivered Oct 31
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	10,304	99	99	12	11
Machine gun, cal.50	208,590	28,244	99	99	15	14
Gun, 20mm, automatic	47,663	0	100	100	.1	0
Gun, 37mm, automatic	2,907	130	100	100	5	4
<u>Combat Vehicles</u>						
Tank, light	5,885	2,168	80	80	26	37
Tank, medium	12,491*	612	64	54	6	5
Scout car	3,440	2,659	83	83	79	77
Personnel carrier, 8-man	5,792	2,602	100	100	40	45
Personnel carrier, 13-man	5,521	993	100	100	17	18
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	143,568	89	89	52	52
Gun, 37mm, tank	14,016*	3,202	100	99	25	23
Gun, 75mm, tank	9,764*	214	54	54	3	2
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,284	74	56	56	3	3
Gun, 37mm	3,195	481 6	100	100	16	15 6
Machine gun, cal.50 (W.C.)	25,063	2,331	76	76	10	9
<u>Artillery</u>						
Howitzer, 75mm	1,318	221 6	73	73	18	17 6
Howitzer, 105mm	4,297	69 6	96	83	3	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	63	57 6
Carriage, 155mm howitzer	1,580	1,106 6	91	91	76	70 6
Carriage, 155mm gun	853	166 6	100	100	19	19 6
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	315,135	71	71	24	24
Machine gun, cal.30 (var.)	159,979b	48,839b	82b	64b	35b	31b
Machine gun, cal.50 (H.B.)	31,699b	3,051b	94b	94b	12b	10b
Gun, 37mm, antitank	9,478	1,050	100	99	12	11
Mortar, 60mm	11,162	5,967	100	100	51	53
Mortar, 81mm	4,705	1,455	78	78	39	31

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

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include armament for combat vehicles.

~~6~~ As of September 30.

STATUS OF MEDIUM TANK, M3, COMPONENTS - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Item and Contractor	On Order Sep 30	Cumulative thru Sep 30		September		Estimated Schedule (Monthly)		
		Due	Prod.	Due	Prod.	Oct	Nov	Dec
<u>Hull</u>								
American Locomotive	1,185	98	78	39	45	54	72	78
Baldwin Locomotive	1,370	30	24	15	8	30	40	60
Chrysler Motors	2,752	115	152	75	95	200	300	300
Lima Locomotive	400	0	0	0	0	0	5	15
Pressed Steel	501	19	19	18	18	45	50	50
Pullman Standard	500	36	36	27	27	45	50	60
Montreal Locomotive	1,157	0	0	0	0	Not Scheduled		
Total (Program 12,365)	7,865	298	309	174	193	374	517	563
<u>Engines</u>								
Continental	7,730	1	111	0	68	150	200	300
Guiberson	670	2	2	0	0	5	25	68
Wright	1,649	505	499	57	54	18	41	45
Total (Program 15,899)	10,049	508	612	57	122	173	266	413
<u>Transmissions & Final Drive</u>								
Chrysler Motors	3,302	115	182	75	114	240	360	360
Caterpillar	3,000	0	0	0	0	0	0	0
Iowa	2,828	0	0	0	0	14	76	127
Maack Manufacturing	3,144	257	138	65	52	40	100	112
Total (Program 14,124)	12,274	372	320	140	166	294	536	599
<u>Stabilizers, 37mm</u>								
Westinghouse	3,026	0	0	0	0	0	50	100
Total (Program 10,457)	3,026	0	0	0	0	0	50	100
<u>Stabilizers, 75mm</u>								
Westinghouse	3,026	0	0	0	0	0	50	100
Total (Program 10,697)	3,026	0	0	0	0	0	50	100
<u>Periscopes, M1 & M2</u>								
Minneapolis-Honeywell	45,378	2,330	667	900	851	2,700	2,900	3,500
Total (Program 45,378)	45,378	2,330	667	900	851	2,700	2,900	3,500
<u>Gun, 37mm, M5 & M6</u>								
American Type Founders	5,500	358	358	126	126	175	600	775
National Pneumatic	3,324	1,264*	1,422*	200*	246*	460*	178*	100
Watervliet Arsenal	1,612	58	3	58	0	0	0	0
Total (Program 12,136)	10,436	1,680*	1,883*	384*	372*	635*	778*	875
<u>Gun, 75mm</u>								
Cowdrey	1,205	125	0	100	0	0	0	0
Empire Ordnance	2,500	37	37	30	30	60	100	150
Watervliet Arsenal	1,559	250	273	90	100	175	175	175
Total (Program 9,764)	5,264	412	310	220	130	235	275	325

* Allocation for medium tanks not available.

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - NOVEMBER 8, 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	12,836	38					
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	888b	37					
Tank, medium	1,046	245c	23					
Scout car	2,083	2,414d	116					
Personnel carrier, 8-man	3,413	2,178	64					
Personnel carrier, 13-man	4,517	814	18					
Machine gun, cal.30 (Var.)	30,674a	a	-					
Machine gun, cal.50 (H.B.)	5,734a	a	-					
Submachine gun, cal.45	26,705	28,406	106					
Gun, 37mm, tank	3,427	1,065	31					
Gun, 75mm, tank	1,020	70	7					
<u>Antiaircraft</u>								
Gun, 3" }	1,177	562 }	53					
Gun, 90mm }		64 }						
Gun, 37mm, A.A.	2,552	487	19					
Machine gun, cal.50 (W.C.)	17,065	1,184	7					
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	822	98					
Howitzer, 75mm, field & pack	177	204	115					
Howitzer, 105mm	2,457	117	5					
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	-	2,499	-					
Gun, 155mm	-	791	-					
Howitzer, 155mm	-	701	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	303,235	36					
Machine gun, cal.30 (Var.)	49,737	49,901	100					
Machine gun, cal.50 (H.B.)	14,737	2,193	15					
Gun, 37mm, antitank	4,892	1,503	31					
Mortar, 60mm	4,747	5,368	113					
Mortar, 81mm	2,340	1,958	84					

a Included in Infantry Armament.

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

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - NOVEMBER 8, 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	12,836	29									
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	888b	18									
Tank, medium	2,827	245c	9									
Scout car	4,299	2,414d	56									
Personnel carrier, 8-man	7,896	2,178	28									
Personnel carrier, 13-man	8,647	814	9									
Machine gun, cal.30 (Var.)	69,409a	a	-									
Machine gun, cal.50 (H.B.)	13,398a	a	-									
Submachine gun, cal.45	56,233	28,406	51									
Gun, 37mm, tank	7,878	1,065	14									
Gun, 75mm, tank	2,797	70	3									
<u>Antiaircraft</u>												
Gun, 3" }	1,856	562 }	34									
Gun, 90mm }		64 }										
Gun, 37mm, A.A.	3,055	487	16									
Machine gun, cal.50 (W.C.)	22,966	1,184	5									
<u>Artillery</u>												
Gun, 75mm (H.S.)	1,778	822	46									
Howitzer, 75mm, field & pack	254	204	80									
Howitzer, 105mm	3,733	117	3									
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	-	2,499	-									
Gun, 155mm	-	791	-									
Howitzer, 155mm	-	701	-									
<u>Infantry Armament</u>												
Rifle, cal.30, M1, semiauto.	1,539,512	303,235	20									
Machine gun, cal.30 (Var.)	107,943	49,901	46									
Machine gun, cal.50 (H.B.)	32,146	2,193	7									
Gun, 37mm, antitank	9,523	1,503	16									
Mortar, 60mm	7,927	5,368	68									
Mortar, 81mm	4,566	1,958	43									

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

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Oct 31 (THOUSANDS)	Percent of total program			
			Con- tracted	Sched- uled	Due Oct 31	Delivered Oct 31
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	281	100	83	13	14
Bomb, demo., 100#, 300#, 500#	1,687	136	78	100	11	8
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	598	151	82	100	26	25
Cartridge, 20mm	112,192	3,073	11	100	3	3
Shell, H.E., 37mm	2,098	328	90	100	18	16
Flares	901	224	41	82	28	25
Signals	2,784	854	74	99	34	31
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	690	72	70	4	4
Shell, 3", H.E.	2,269	122	82	82	6	5
Shell, 90mm, H.E.	3,057	9	58	97	1	-
<u>Artillery</u>						
Shell, H.E., s o, 75mm gun	2,285	97	63	100	6	4
Shell, g & s, 75mm gun	1,108	15	99	99	4	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
Charge, prop., 155mm gun	2,248	232	53	100	13	10
Shell, H.E., 155mm how.	5,080	7	84	100	1	-
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	3,184	81	93	23	24
<u>Infantry</u>						
Cartridge, cal.30	8,505,193	623,189	78	78	8	7
Links, met. belt, cal.30	1,259,225	128,108	79	79	10	10
Cartridge, cal.45	830,395	226,966	75	75	28	27
Cartridge, cal.50	2,952,271	71,264	61	61	3	2
Links, met. belt, cal.50	3,068,633	105,871	80	80	6	3
Shot & shell, 37mm	39,896	239	49	85	-	1
Shell, H.E., 60mm	11,310	39	72	100	1	-
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	586	76	100	29	28
Signals, ground & light	4,179	901	73	100	29	22
Mine, antitank	3,146	0	65	94	0	0

* Unfilled.

∅ Unfuzed.

NEW FACILITIES - PROGRESS AS OF OCTOBER 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

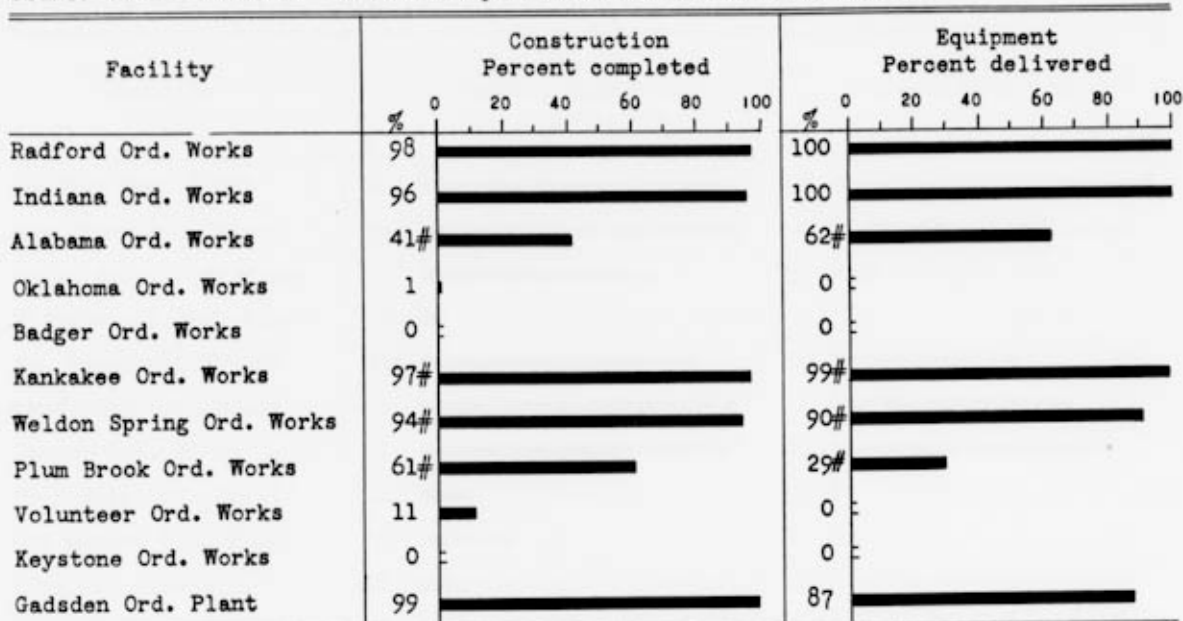
Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp														
Flint	-							95						
Dayton	-							88						
Saginaw	-							98						
Syracuse	-							95						
Savage Arms Company	-							62						
Colt (Machine Gun)	-							98						
Detroit Tank Arsenal	98							94						
Disston & Sons	100							91						
Mesta Machine Co.	-							98						
Wheland Co.	-							0						
Colt (37mm Gun)	-							95						
Bendix Aviation Corp.	100							99						

Facility	Location	Planned Capacity Monthly	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Machine Gun</u>						
General Motors	Flint, Mich. } Dayton, Ohio } Saginaw, Mich. } Syracuse, N. Y. }	3,541 } 2,917 }	\$ 21,251	83	3-416	8-41
					6-416	9-41
					3-416	1-42
					8-416	12-41
Savage Arms	Utica, N. Y.	3,200	17,717	42	7-416	12-41
Colt	Hartford, Conn.	700	4,818	71	6-416	12-41
<u>Tank</u>						
Detroit	Detroit, Mich.	300	22,000	83	7-416	10-41
<u>Armor Plate</u>						
Disston	Philadelphia, Pa.	483 tons	1,283	89	4-416	11-41
<u>155mm Gun</u>						
Mesta	W. Homestead, Pa.	60	1,780	95	10-416	1-42
<u>90mm Gun</u>						
Wheland	Chattanooga, Tenn.	70	1,750	-	-	-
<u>37mm Gun</u>						
Colt	Hartford, Conn.	200	4,010	86	6-416	1-42
<u>20mm Gun</u>						
Bendix	Elmira, N. Y.	200	1,000	-	8-416	2-42

6 Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



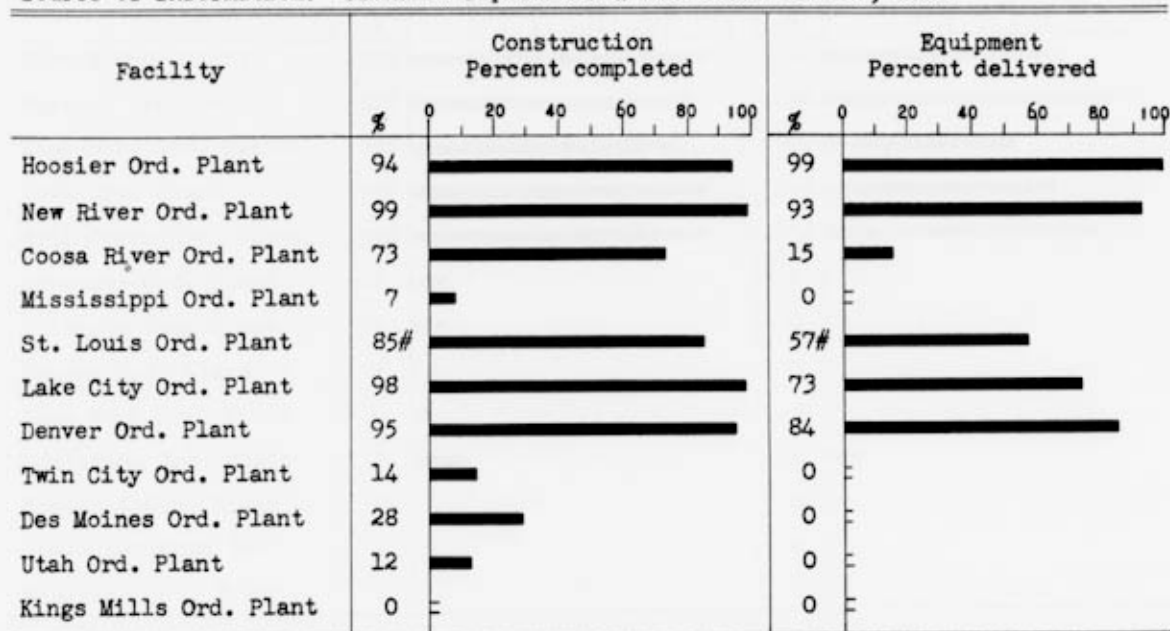
Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	4.2 Tons	\$ 57,000	91	4-41 ⁶	12-41
Indiana	Charlestown, Ind.	9.8 Tons	114,700	81	4-41 ⁶	1-42
Alabama	Sylacauga, Ala.	4.2 Tons	60,000	70	3-42	5-42
Oklahoma	Choteau, Okla.	4.2 Tons	64,000	-	9-42	2-43
Badger	Merrimac, Wisc.	4.2 Tons	65,000	-	10-42	3-43
<u>Tetryl & Azide</u>						
Kankakee	Joliet, Ill.	.5 Tons	-	-	11-41	3-42
<u>TNT & DNT</u>						
Kankakee	Joliet, Ill.	6.7 Tons	55,000	84	9-41 ⁶	3-42
Weldon Spring	Weldon Spring, Mo.	6.7 Tons	39,493	73	10-41 ⁶	9-42
Plum Brook	Sandusky, Ohio	6.7 Tons	33,518	52	1-42	9-42
Alabama	Sylacauga, Ala.	2.0 Tons	32,000	27	7-42	10-42
Volunteer	Chattanooga, Tenn.	6.2 Tons	46,000	3	10-42	3-43
Keystone	Geneva, Pa.	5.6 Tons	45,000	-	11-42	4-43
<u>Sh. Mach.& Forg.</u>						
Gadsden	Gadsden, Ala.	210	7,571	32	8-41 ⁶	3-42

Original project only.

Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



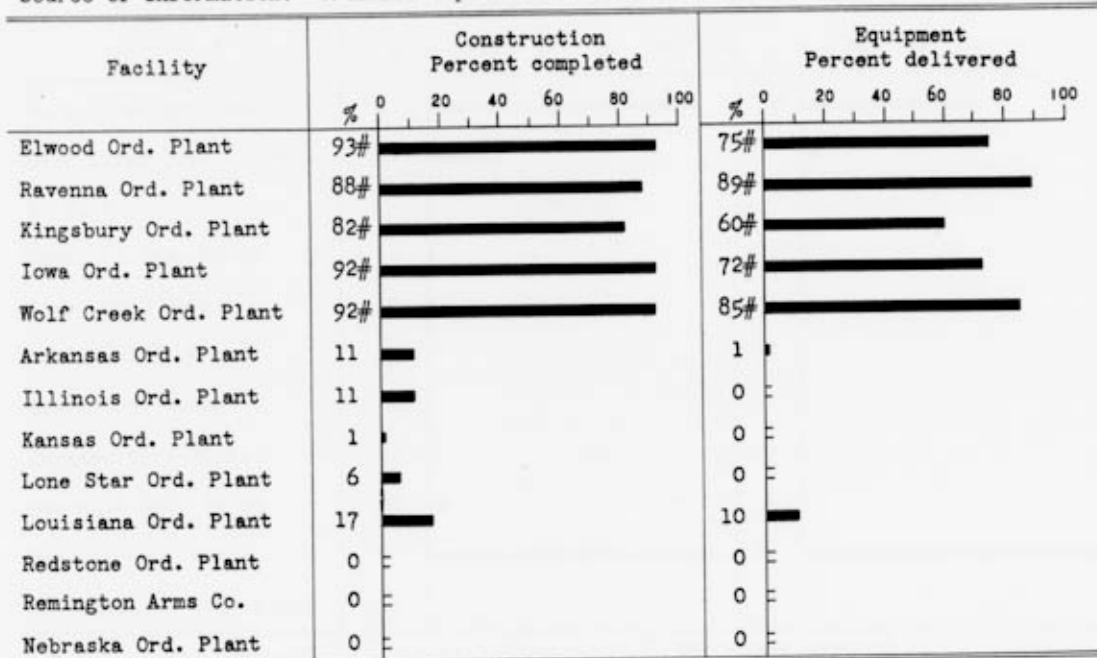
Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 27,000	84	9-41	11-41
New River	Pulaski, Va.	2.7 Tons	16,000	72	9-41	1-42
Coosa River	Talledega, Ala.	2.7 Tons	16,500	40	1-42	3-42
Mississippi	Flora, Miss.	2.7 Tons	17,000	2	5-42	7-42
<u>S. A. Ammunition</u>		(Rounds)				
St. Louis	St. Louis, Mo.	200,000	110,000	53	11-41	2-42
Lake City	Lake City, Mo.	65,000	38,000	78	10-41	1-42
Denver	Denver, Colo.	100,000	38,000	78	10-41	8-42
Twin City	St. Paul, Minn.	65,000	36,500	23	4-42	9-42
Des Moines	Des Moines, Iowa	65,000	36,800	17	4-42	9-42
Utah	Salt Lake, Utah	65,000	36,500	18	4-42	9-42
Kings Mills	Kings Mills, Ohio	62,500	8,000	-	4-42	9-42

Original project only.

Ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



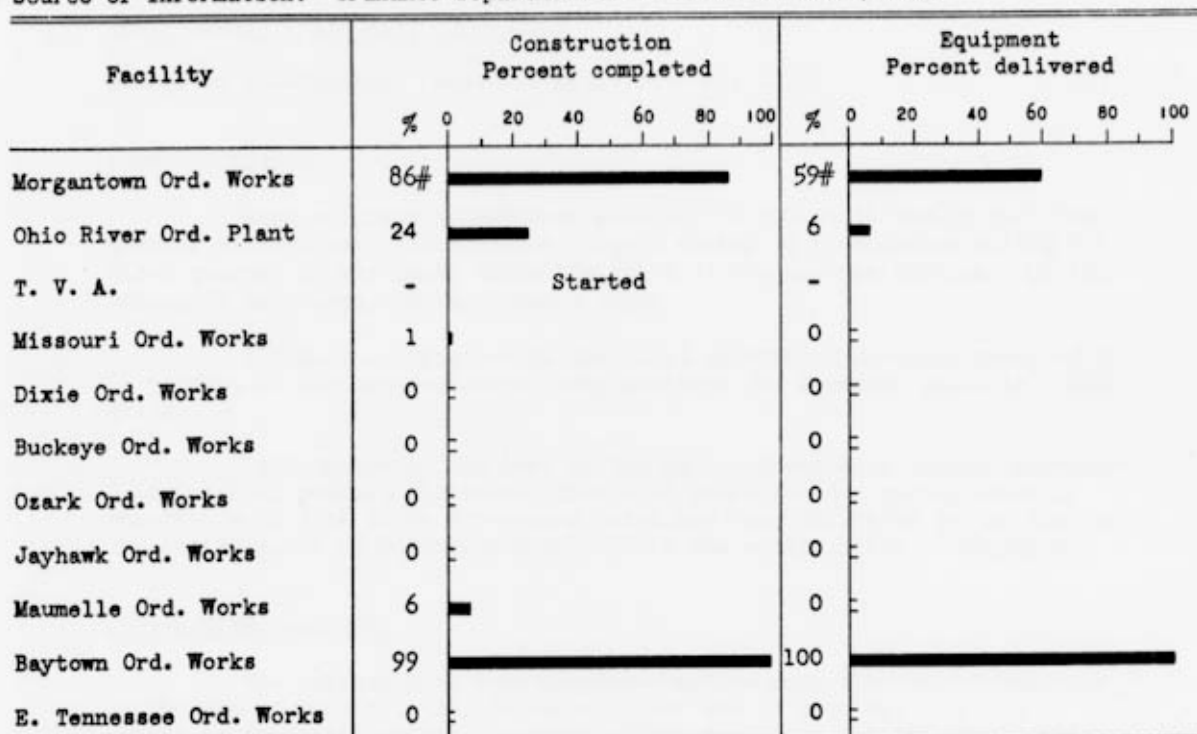
Facility	Location	Planned Capacity Monthly	Estimated Cost September 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill.	4 Lines	\$ 49,000	70	7-41 6	6-42
Ravenna	Ravenna, Ohio	4 Lines	55,000	79	8-41 6	5-42
Kingsbury	LaPorte, Ind.	6 Lines	40,000	79	8-41 6	2-42
Iowa	Burlington, Iowa	4 Lines	44,187	81	7-41 6	3-42
Wolf Creek	Milan, Tenn.	5 Lines	35,000	84	9-41 6	3-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	33,500	4	4-42	8-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	5	5-42	10-42
Kansas	Parsons, Kans.	3 Lines	35,000	8	6-42	11-42
Lone Star	Texarkana, Texas	5 Lines	45,500	9	3-42	9-42
Louisiana	Minden, La.	4 Lines	36,000	17	2-42	7-42
Redstone	Huntsville, Ala.	Chem.Shell & Bombs	8,000	-	5-42	9-42
Remington	Bridgeport, Conn.	20mm	225	-	-	-
<u>Bomb Loading</u>						
Nebraska	Wahoo, Nebr.	100# Bombs	28,000	-	6-42	12-42

Original project only.

Operations actually started.

NEW FACILITIES - PROGRESS AS OF OCTOBER 31, 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	3-42
Ohio River	Henderson, Ky.	4.5 Tons	14,677	37	6-42	10-42
T. V. A.	Muscle Shoals, Ala.	-	-	-	4-42	5-42
Missouri	Louisiana, Mo.	4.5 Tons	18,425	1	11-42	3-43
Dixie	Monroe, La.	4.5 Tons	13,750	1	11-42	3-43
Buckeye	South Point, Ohio	4.5 Tons	20,000	-	5-43	9-43
Ozark	El Dorado, Ark.	3.0 Tons	22,500	-	5-43	9-43
<u>Ammonium Nitrate</u>						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	17,700	-	10-42	1-43
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	11-41	5-42
Ozark	El Dorado, Ark.	3.0 Tons	-	-	5-43	9-43
<u>Ammonium Picrate</u>						
Maumelle	Marche, Ark.	1.1 Tons	12,500	18	5-42	7-42
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	12,900	96	10-41	12-41
<u>Oleum</u>						
E. Tennessee	Copperhill, Tenn.	13.2 Tons	2,375	-	8-42	11-42

Original project only.

Ø Operations actually started.

TEXT SUMMARY - AIRCRAFT PRODUCTION

Source of Information: Materiel Division - Air Corps

ARMY PRODUCTION

Army airplane acceptances amounted to 306 units during the first quarter of November. This is the largest number of acceptances during the first quarter of any month since the start of the defense program. Of the 306 units delivered, 86 were combat types.

Airplane acceptances in the first quarter of November amounted to 25 percent of the manufacturers' Army estimate for November which is 1,226 units.

Acceptances by the Army in the period November 1 through November 8 included 23 pursuit fighters. This also established a quarter-monthly record. Only 3 of these two-engine units had been delivered to the Army in the entire month of October and only 12 in the entire month of September.

ARMY ENGINE INVENTORY

The inventory of Army airplane engines rose from 20,990 units as of the end of August to 25,639 units at the end of October. This is an increase in the total engine inventory of 22 percent in the two month period. These figures include installation, spare and miscellaneous engines.

UNITED STATES PRODUCTION - ALL CUSTOMERS

United States military manufacturers as a group made an accurate advance estimate of their October production. The October estimate of these companies was 2,282 units and 2,296 units were actually accepted by the various customers. While several of the twenty-six airplane manufacturers fell far below their October estimate, fourteen of the companies made a record of 100 percent or over.

On the basis of poundage delivered, Consolidated had the largest output of any United States plant in October as was the case in the previous month.

On the basis of poundage delivered, Lockheed dropped from second place in September to seventh place in October. Lockheed's production was off 50 percent from the previous month. North American (Inglewood), however, advanced from ninth place to fifth place and doubled its output.

Total airframe weight delivered by all companies was up 19 percent in October over September.

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

Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 11/8/41	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941 (b)	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,056	5,302	4,826	91	112	-	476
Medium bomber	4,616	800	5,416	4,616	85	364	-	800
Light bomber	1,882	150	2,032	1,882	93	231	-	150
Pursuit fighter	709	1,150	1,859	1,859	100	113	-	-
Pursuit interceptor	4,394	4,700	9,094	8,994	99	1,506	-	100
Observation	533	-	533	533	100	307	-	-
Transport	1,118	243	1,361	1,361	100	105	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,100	25,689	24,163	94	2,753	-	1,526
<u>Primary trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,980	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,977	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	900	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,607	95	178	-	175
Total Trainer	16,470	3,060	19,530	19,355	99	6,035	-	175
Grand Total	32,059	13,160	45,219	43,518	96	8,788	-	1,701

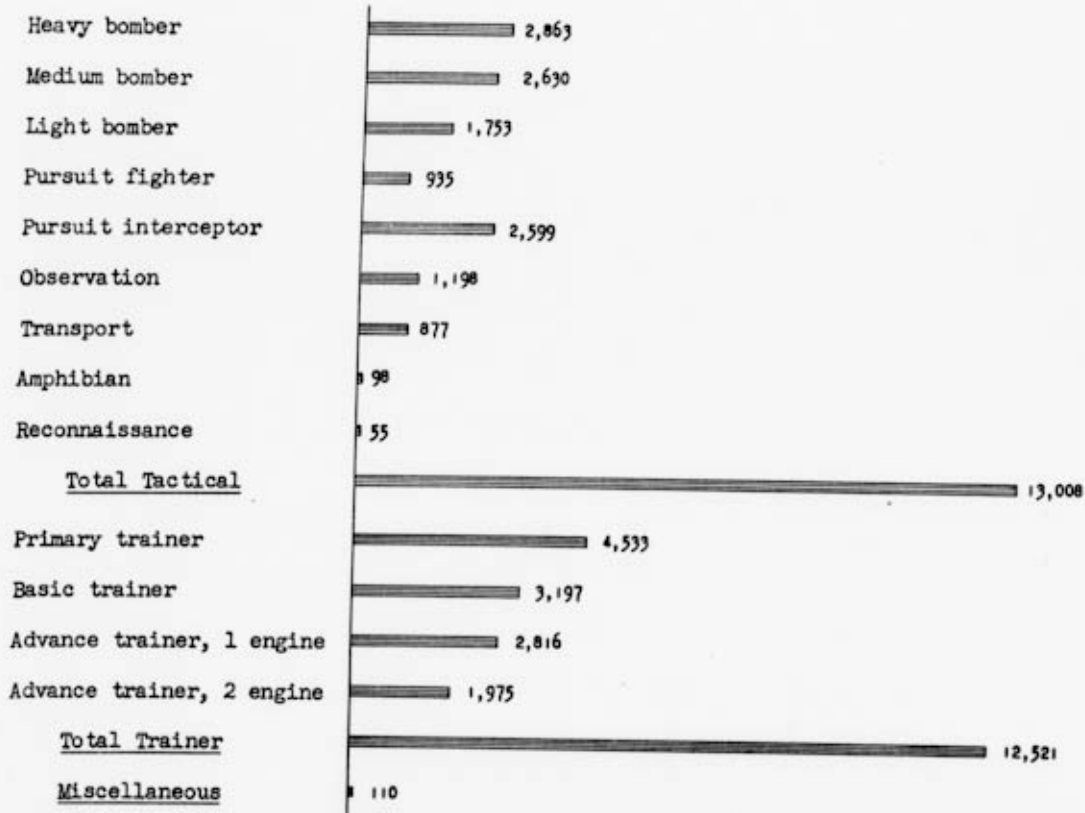
Installation engines

Data on deliveries of installation engines, as of November 8, will not be available until next week.

- (a) Includes project airplane contracts incomplete June 30, 1940.
 (b) Program 100 percent contracted.

ARMY AIRPLANE ENGINE INVENTORY BY TYPE - OCTOBER 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

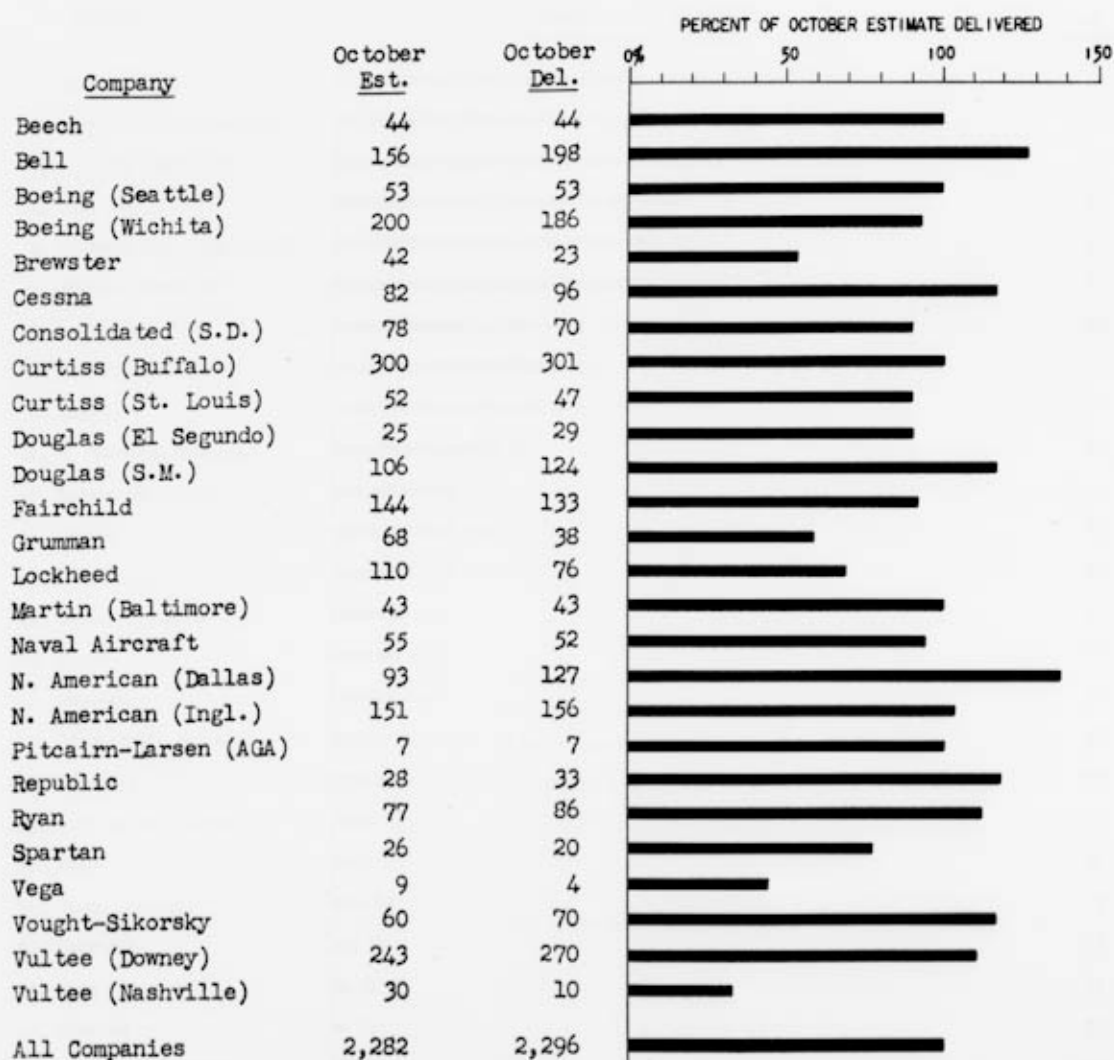


RECAPITULATION

Total Tactical	13,008
Total Trainer	9,593
Miscellaneous	110
Grand Total	25,639

OCTOBER AIRPLANE ESTIMATES AND DELIVERIES BY COMPANY - ALL CUSTOMERS

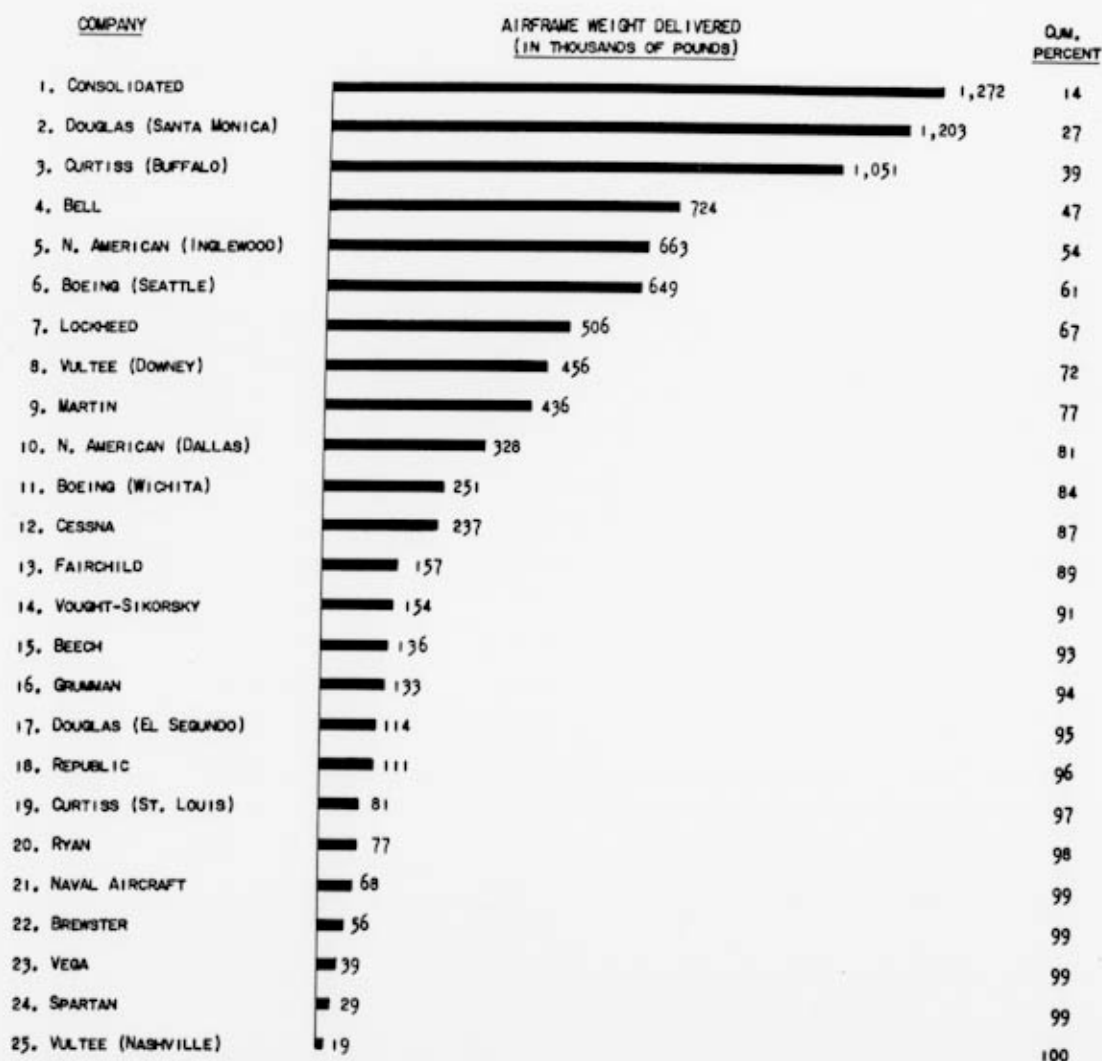
Source of Information: Consolidated Statistical Report - Air Corps



AIRFRAME WEIGHT DELIVERED BY COMPANY - OCTOBER 1941 - ALL CUSTOMERS

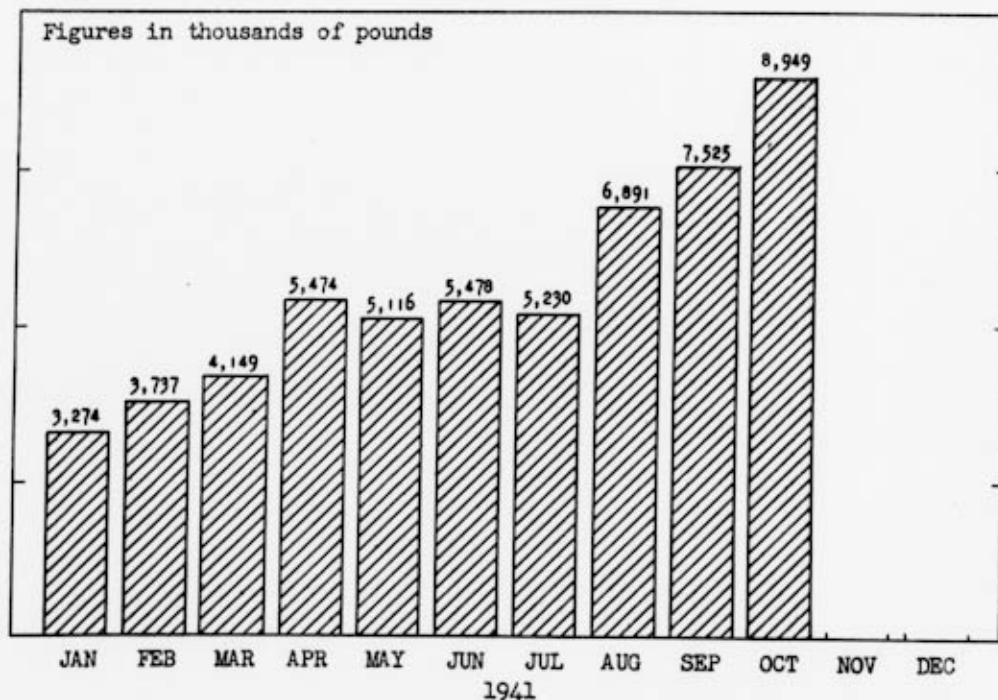
Source of Information: Materiel Division - Air Corps

NOTE: OVER HALF OF THE OCTOBER PRODUCTION OF AIRFRAMES CAME FROM FIVE PLANTS AND 77 PERCENT FROM NINE PLANTS. THESE DATA ARE BASED ON WEIGHTS. THE BARS SHOW UNITED STATES AIRFRAME PRODUCTION IN THOUSANDS OF POUNDS DURING OCTOBER. THE FIGURES IN THE COLUMN AT THE RIGHT ARE CUMULATIVE PERCENTAGES. WEIGHT OF 7 SMALL PITCAIRN AUTOGIROS IS EXCLUDED.



U. S. AIRFRAME WEIGHT DELIVERED BY MONTH - ALL CUSTOMERS

Source of Information: Materiel Division - Air Corps



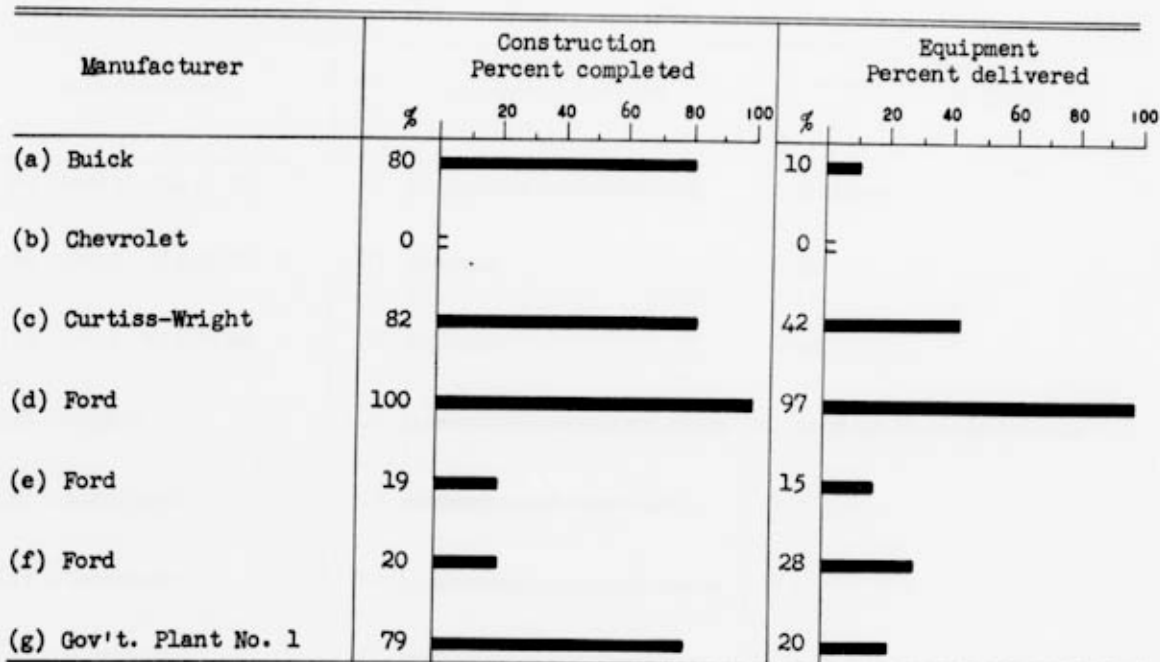
The total monthly airframe weight delivered shows the trend of United States production. It is more indicative of progress than the total number of units produced. This is due to the fact that more effort is required to turn out heavy combat types than the smaller units which can be easily produced in quantity.

These data in thousands of pounds are based on the output of the twenty-five manufacturers currently producing military airplanes. Weight of 7 small Pitcairn autogiros is excluded.

Poundage delivered showed an increase of 19 percent in October over September.

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

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



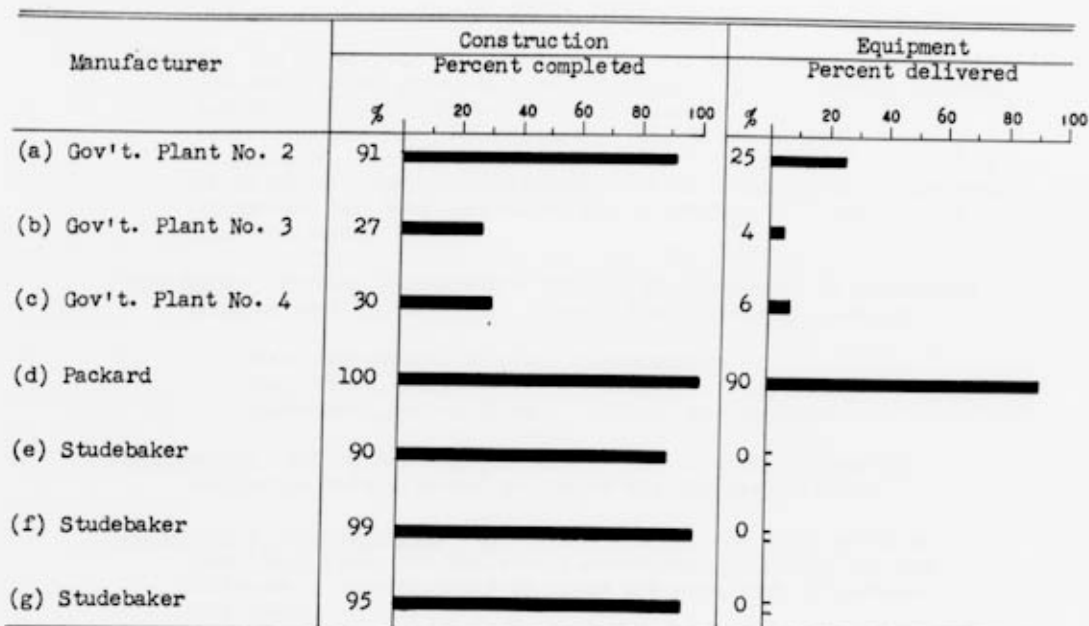
Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.ft.	Workers		Plant	Equip.
(a) Melrose, Ill.	Engines	2,444	21**	\$41,342	11-41	1-42
(b) Buff.-Tonawanda, N.Y.	Engines	1,681	14	37,162	?	?
(c) St. Louis, Mo.	Airplanes	1,163	11	15,145	2-42	4-42
(d) Dearborn, Mich.	Engines	1,034	9	23,923	9-41*	1-42
(e) Dearborn, Mich.	Engines	402	17	13,911	1-42	6-42
(f) Ypsilanti, Mich.	Airplanes	3,882	45	47,620	2-42	1-42
(g) Omaha, Nebr.	Airplanes	14,000	17	15,518	5-42	?

* Actual completion date

** Revised figure

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

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



Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.ft.	Workers		Plant	Equip.
(a) Kansas City, Kan.	Airplanes	1,000	12	\$11,250	2-42	1-42
(b) Tulsa, Okla.	Airplanes	1,500	15	25,509	2-42	1-42
(c) Ft. Worth, Texas	Airplanes	1,500	15	22,653	12-41	11-41
(d) Detroit, Mich.	Engines	1,000	16	29,850	7-41*	2-42
(e) Chicago, Ill.	Engines	575	5	20,556	10-41	11-42
(f) Ft. Wayne, Ind.	Engines	225	1	9,023	10-41	2-42
(g) South Bend, Ind.	Engines	897	4	20,207	10-41	2-42

* Actual completion date

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - November 13, 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: For the period ended October 23, increases in contracted amounts were indicated for sixteen basic items, including:

Belt, web-waist	Haversacks
Cap, field, serge	Shirt, cotton, khaki
Cloth, wool, melton, 32 oz.	Sling, machine gun

Deliveries: During the quarter-monthly period ended October 23, deliveries were effected on 158 of the 328 basic items.

Schedules & Delinquencies: Of the 328 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 111 are delinquent; however, only 20 items are more than 10 percent delinquent.

MOTOR VEHICLES

Contracts: As of October 31, contracts have been awarded for 282,237 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 80 percent delivered. Ninety-four percent (58,032) of the estimated 1942 program has been contracted of which 89 vehicles have been delivered.

Deliveries: During the quarter-monthly period ended October 31, deliveries were reported on 3,950 vehicles. This brings cumulative deliveries under 1941 funds to 179,550 vehicles at a cost of 241 million dollars, and the delivery figure under 1942 funds to 89 vehicles at a cost of \$97,794.

Schedules & Delinquencies: Based on estimated delivery schedules, 3,423 vehicles distributed among 13 manufacturers were behind schedule; 1,235 vehicles, however, were delivered ahead of schedule.

TEXT SUMMARY -- QUARTERMASTER CONSTRUCTION - November 13, 1941

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

CONSTRUCTION

Obligations: As of October 31, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 1,867 million dollars or 75 percent of the estimated total cost. Ninety-two percent of the 1941 program and 36 percent of the 1942 program have been obligated.

Construction in Place: Construction in place for combined 1941 and 1942 programs amounts to 1,600 million dollars or 64 percent of the currently estimated cost. Eighty-eight percent of the total housing requirements is available and 72 percent has been occupied. Of the 588 projects currently authorized:

205	projects	are	100% complete
61	"	"	from 95 to 99% complete
90	"	"	from 76 to 94% complete
64	"	"	from 51 to 75% complete
60	"	"	from 26 to 50% complete
82	"	"	from 1 to 25% complete
26	"	"	not started

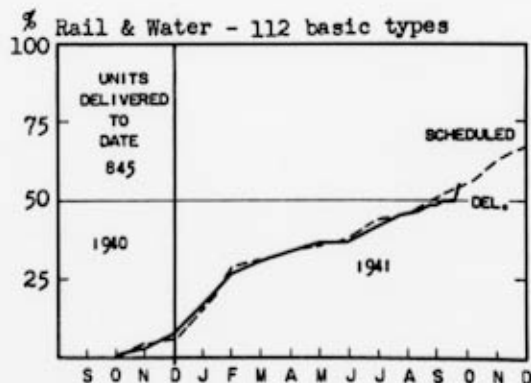
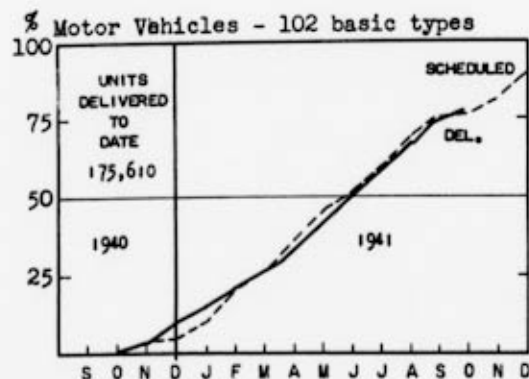
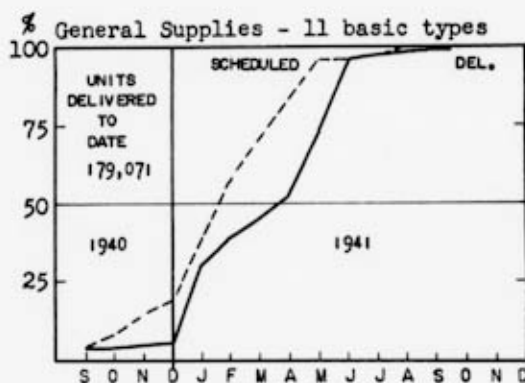
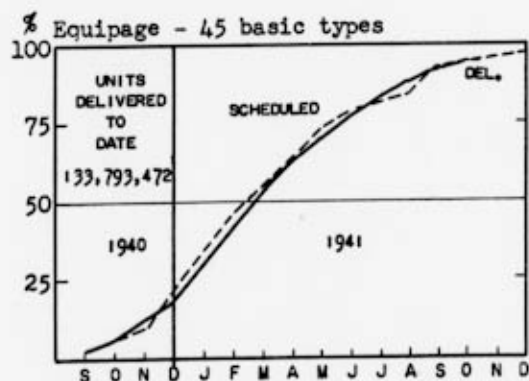
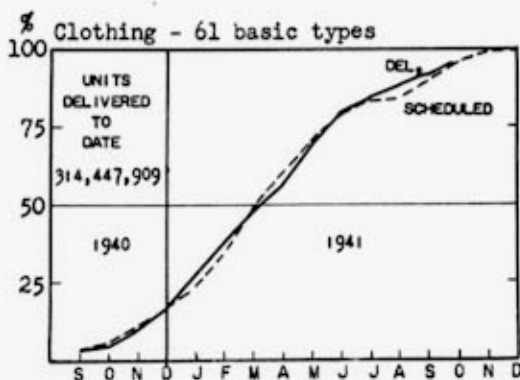
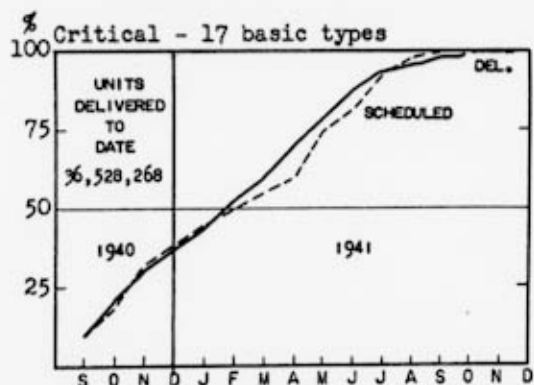
Schedules & Delinquencies: Of the 296 projects from 1 to 94 percent complete, 109 are ahead of schedule, 115 are on schedule and 72 are behind schedule. Value of construction in place, however, is less than one percent ahead of scheduled construction.

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	34,500	Anaconda Wire Co., Muskegon, Mich.
Hinge assemblies (motor vehicles)	9,540	McKinney Mfg. Co., Pittsburgh, Pa.
Serge cloth	8,500	Premier Worsted Co., Woonsocket, R.I.
Cotton underwear	8,500	Rice Stix Co., Slater, Mo.
Accelerator assemblies	1,750	Novi Equipment Co., Novi, Mich.
Pressure valves (Ord. constr.)	975	A. W. Cash Co., Decatur, Ill.

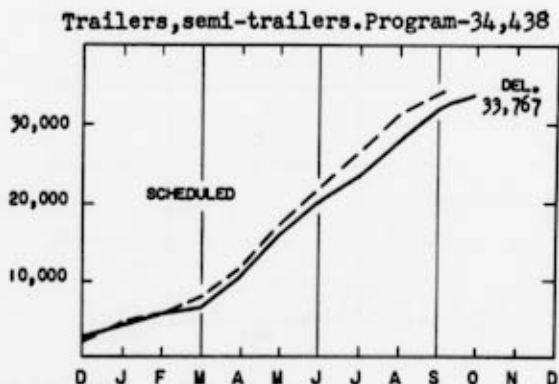
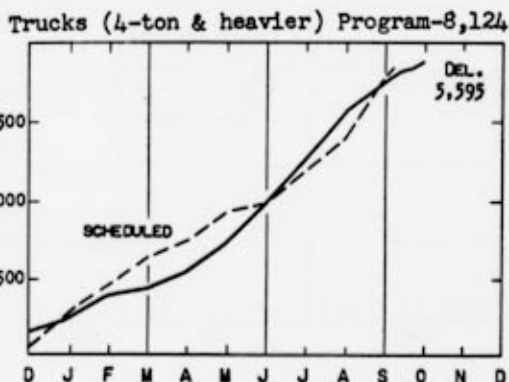
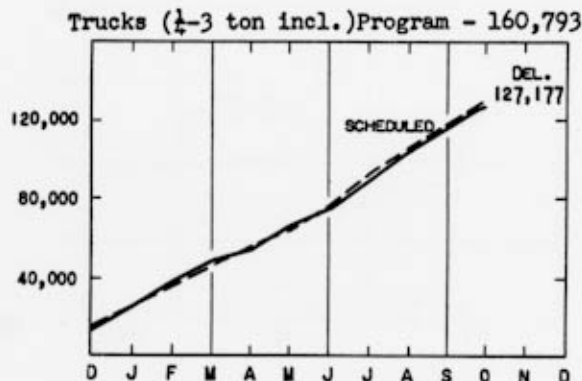
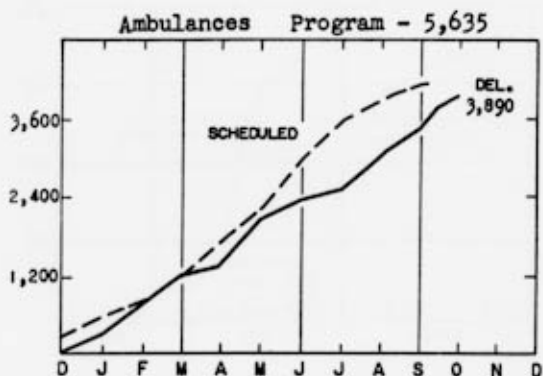
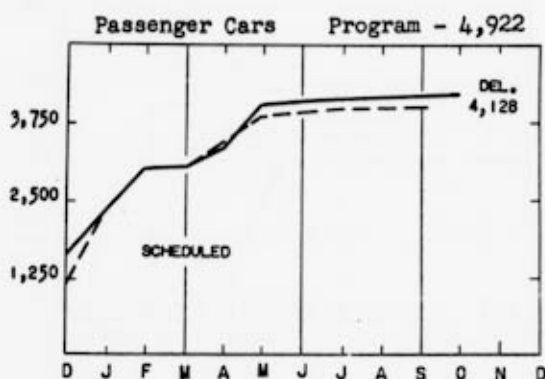
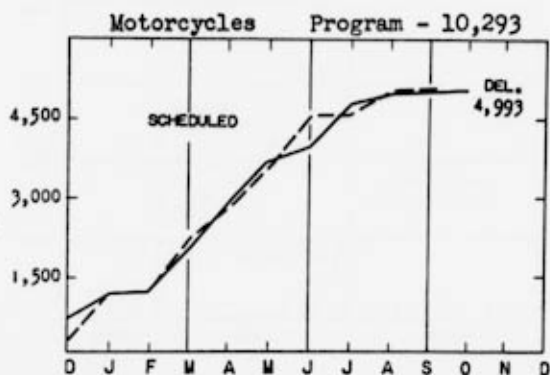
STATUS OF Q.M. PROCUREMENT - F. Y. 1941 - Oct. 23, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

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



QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 - Oct. 31, 1941

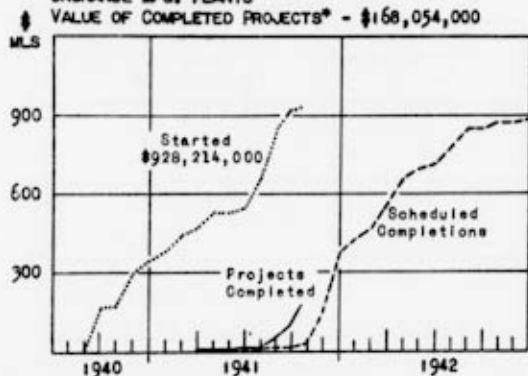
Source of Information: Statistics Branch, Office of the Quartermaster General



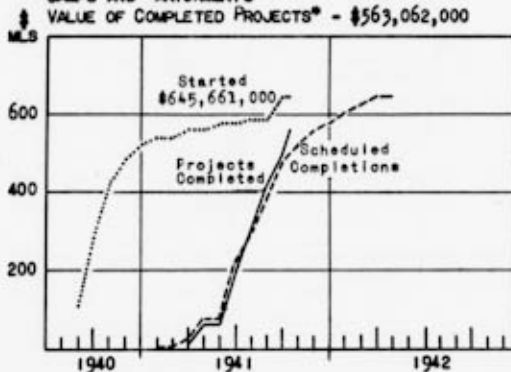
DIAGRAMS - STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES - October 15, 1941

Source: Office of the Quartermaster General

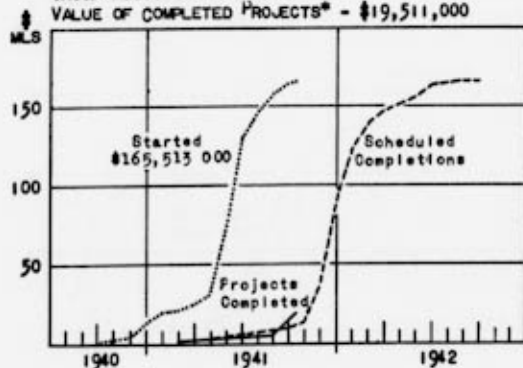
ORDNANCE WFO. PLANTS
VALUE OF COMPLETED PROJECTS* - \$168,054,000



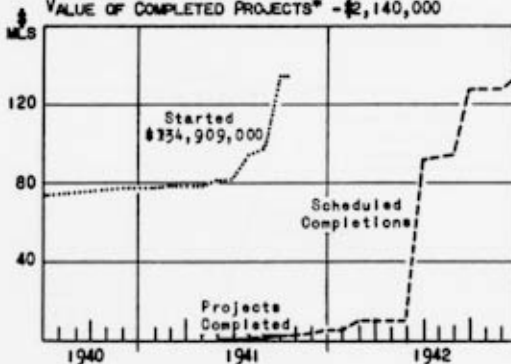
CAMPS AND CANTONMENTS
VALUE OF COMPLETED PROJECTS* - \$563,062,000



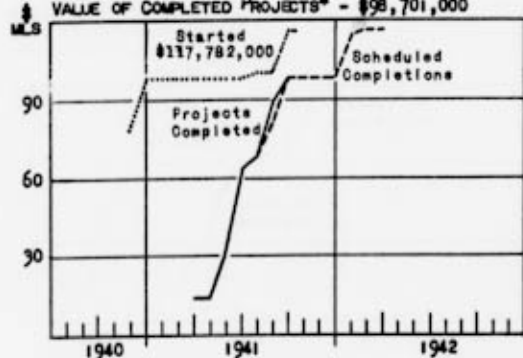
TROOP HOUSING FACILITIES
VALUE OF COMPLETED PROJECTS* - \$19,511,000



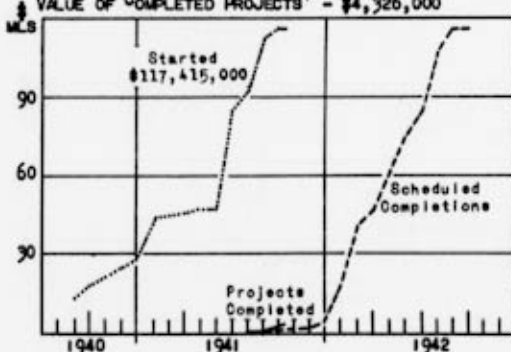
MISCELLANEOUS PROJECTS
VALUE OF COMPLETED PROJECTS* - \$2,140,000



REPLACEMENT CENTERS
VALUE OF COMPLETED PROJECTS* - \$98,701,000



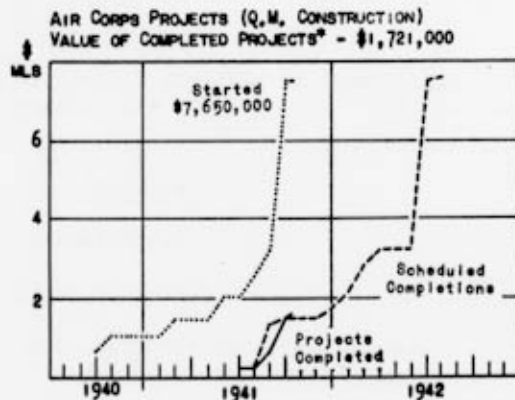
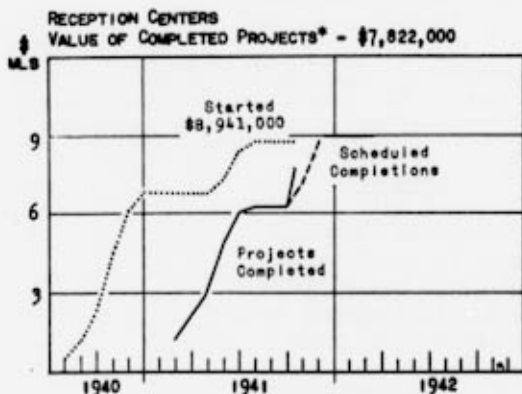
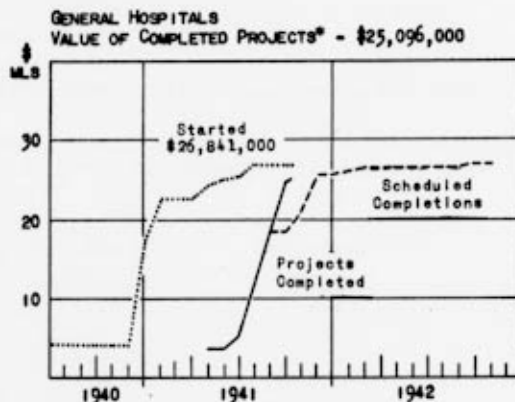
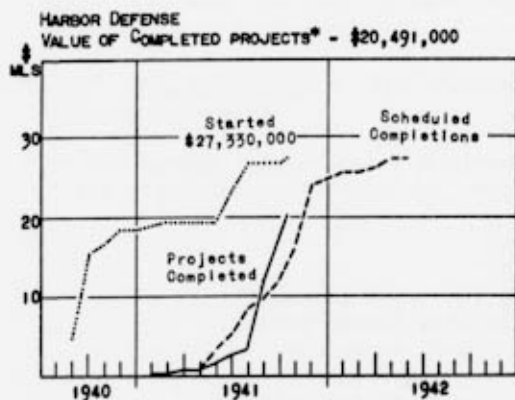
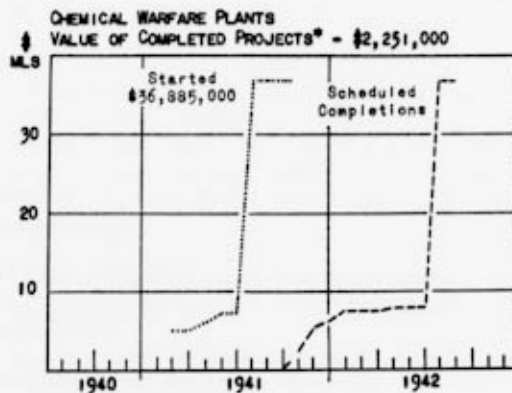
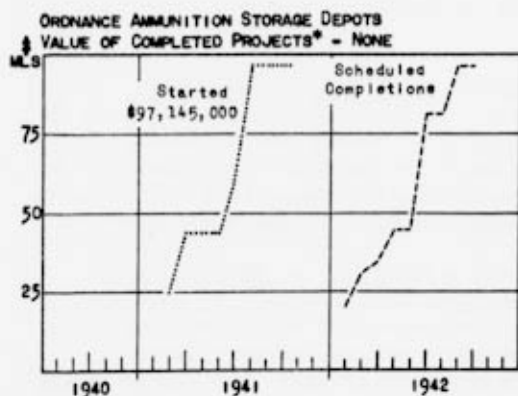
STORAGE DEPOTS
VALUE OF COMPLETED PROJECTS* - \$4,326,000



*Completed projects include projects from 95 to 100 percent complete

DIAGRAMS - STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES - October 15, 1941

Source: Office of the Quartermaster General



*Completed projects include projects from 95 to 100 percent complete

Quartermaster Corps

Statistics Branch

OUSW - 11-15-41

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - NOVEMBER 8, 1941

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

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 November 8, contracts totalling \$184,168,000 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 \$14,972,000 or 17% 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 fifteen critical aircraft signal items upon which deliveries are due. Last week, deliveries were received on eleven of these items. F.Y. 1941 contracts have been completed on six additional Aircraft items.

DELINQUENCIES - Six critical items of aircraft signal equipment are behind delivery schedules.

Since the last report on critical items on aircraft signal equipment contract for 613 Marker Beacon Rec'g Equipment RC-39 has been completed. The present status of the six delinquent items follows:

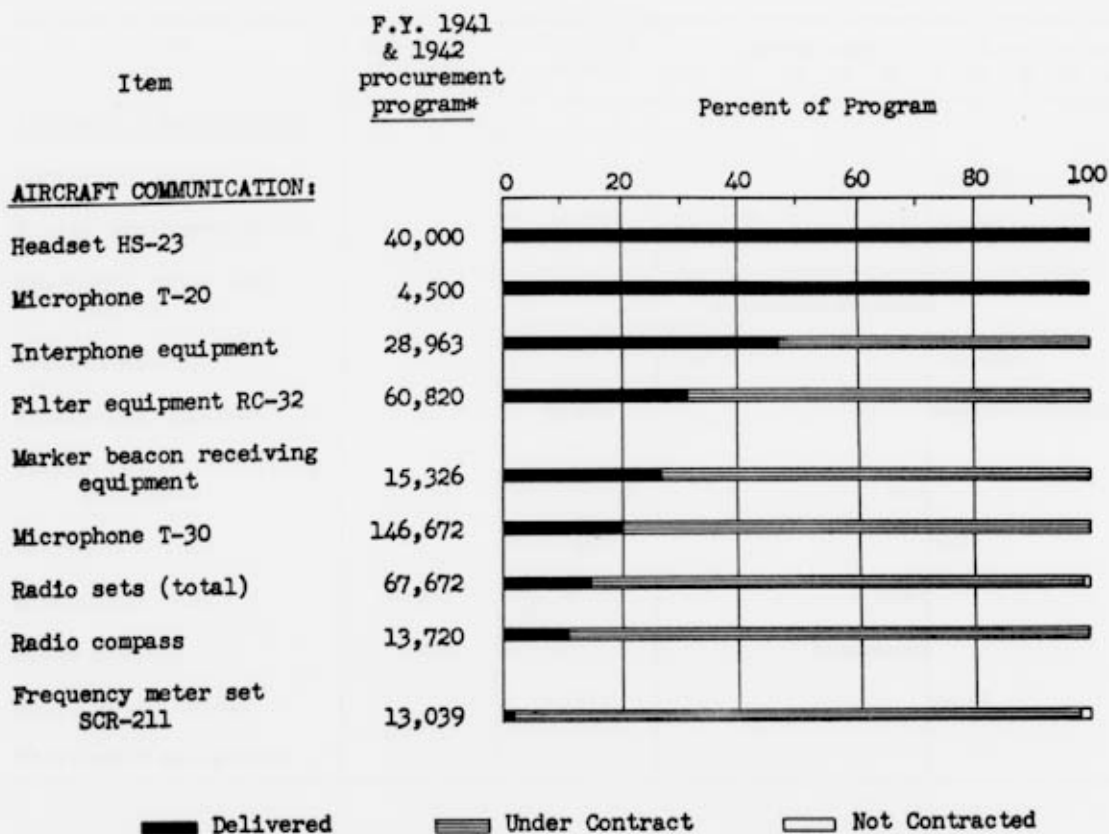
	Due Oct. 31	Delivered Nov. 8
Frequency meter set SCR-211	1,340	273
Marker beacon receiving equipment RC-43	4,363	3,570
Microphone T-30	37,500	30,000
Radio compass SCR-263	700	619
Radio compass SCR-269	1,276	476
Radio set SCR-274	1,550	1,430

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
Insuline Corp. of America Long Island City, N.Y.	Tool equipment
Luce Manufacturing Company Kansas City, Missouri	Subcontractor for Signal Corps carrying chests.
Petroff Company New York City	Tuning units
John A. Roebling & Sons Trenton, N.J.	Wire

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - NOVEMBER 8, 1941

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



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

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - NOVEMBER 8, 1941

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

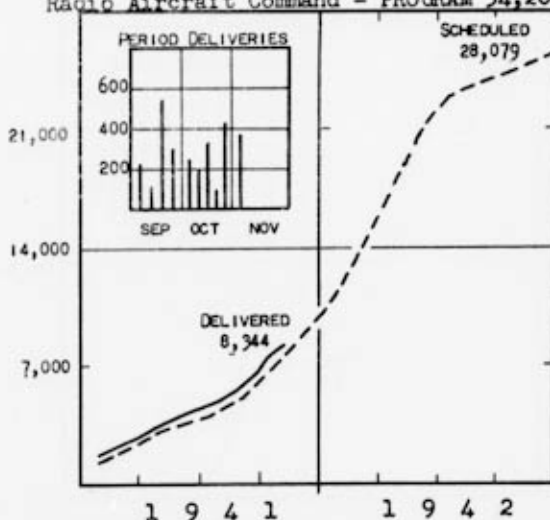
Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE						% AHEAD OF SCHEDULE					
			100	80	60	40	20	0	20	40	60	80	100	
<u>AIRCRAFT COMMUNICATION:</u>														
Contactors BC-608												NONE DUE		
Filter equipment RC-32		4,341											30	
Frequency meter set SCR-211	1,067		80											
Headset HS-23													DELIVERED	
Interphone equipment		6,286											85	
Marker beacon receiving equipment	793								16					
Microphone T-20		450										11		
Microphone T-30	7,500							20						
Radio compass	875							38						
Radio sets (total)		1,332											16	
Electronic equipment*														

* Schedules not yet available.

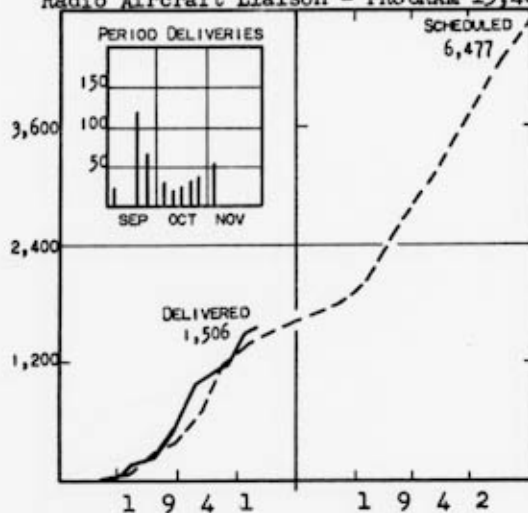
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
NOVEMBER 8, 1941

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

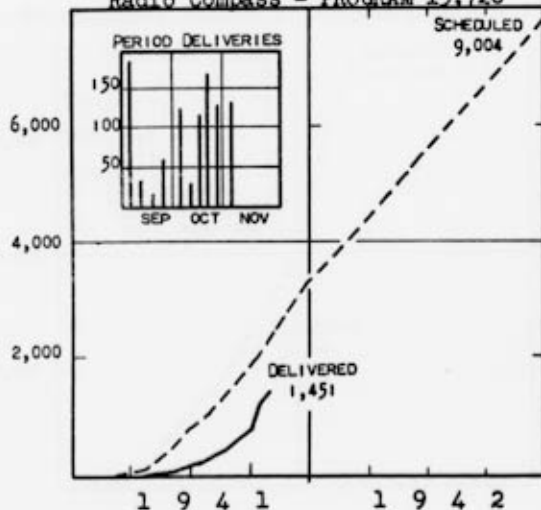
Radio Aircraft Command - PROGRAM 54,209



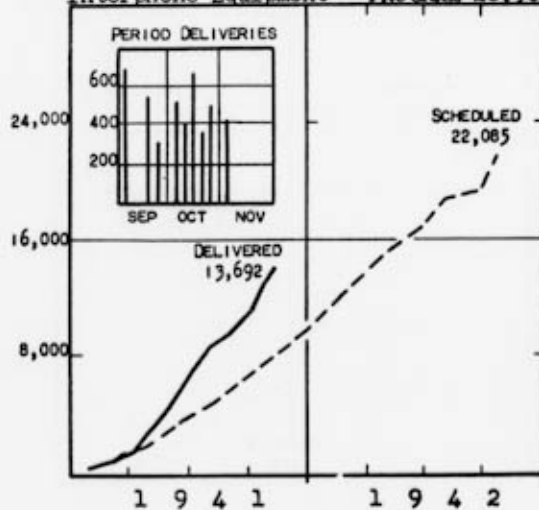
Radio Aircraft Liaison - PROGRAM 13,463



Radio Compass - PROGRAM 13,720



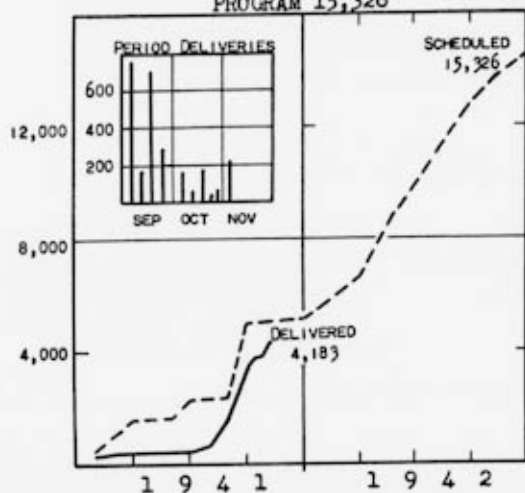
Interphone Equipment - PROGRAM 28,963



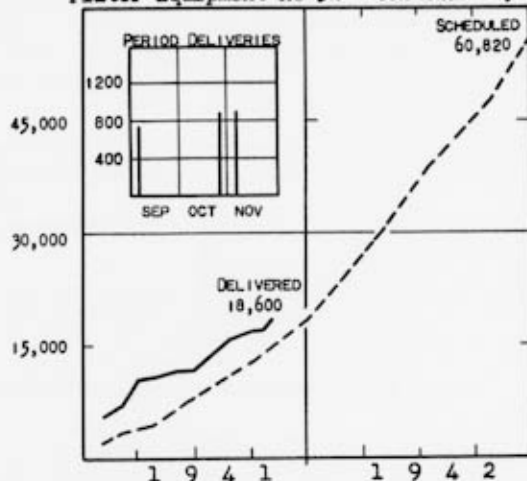
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
NOVEMBER 8, 1941

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

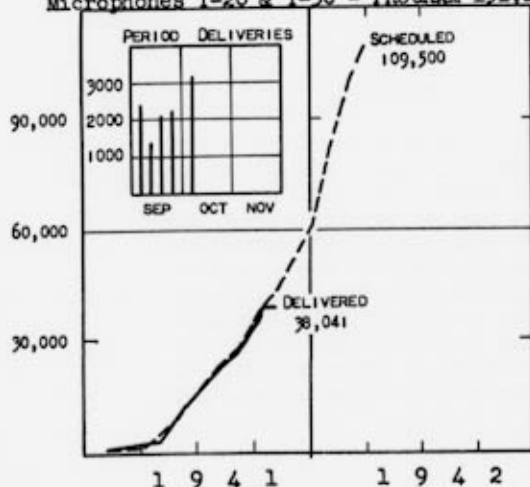
Marker Beacon Receiving Equipment
 PROGRAM 15,326



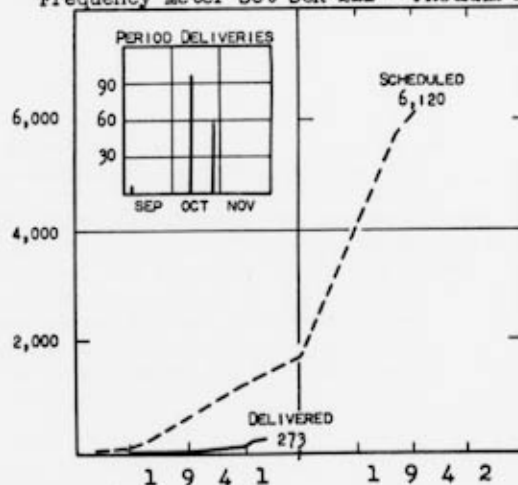
Filter Equipment RC-32 - PROGRAM 60,820



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



Frequency Meter Set SCR-211 - PROGRAM 13,039



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

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

GENERAL

Engineer procurement is at a low stage of activity at the present time. Of the 46 items being followed by this office only 17 can be classed as active. The others are either completed, not started, or at an intermediate stage where the early contracts have been completed and the later ones are not yet scheduled for production.

Program completed	6 items
Active, ahead of schedule	1
on schedule	1
behind schedule	15
Not active	23
	46

PROGRAM ALMOST COMPLETED

There are 4 items for which the program is almost completed. They are:

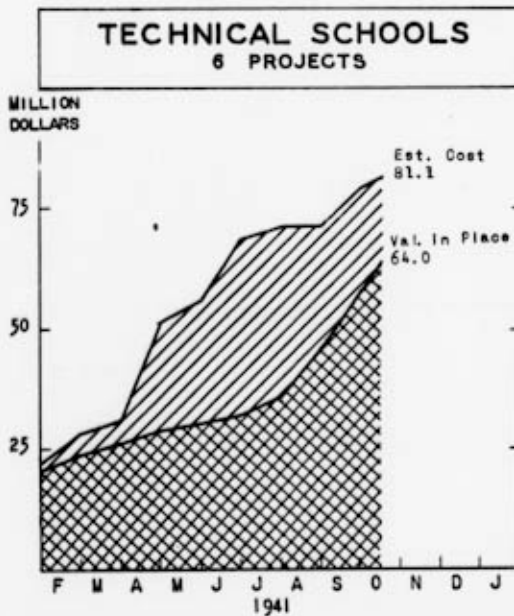
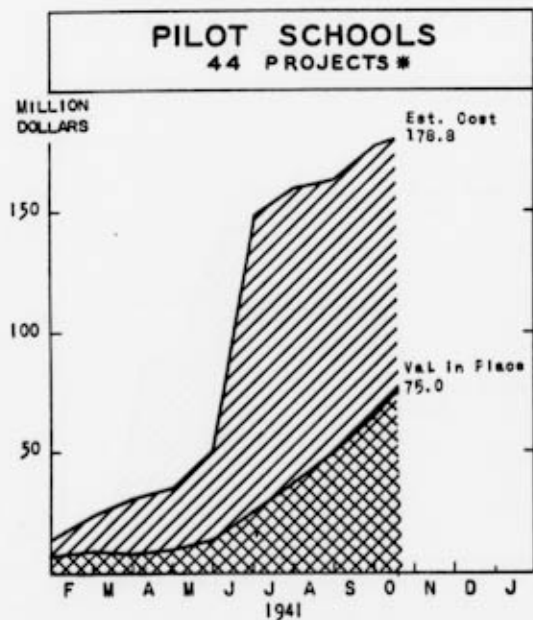
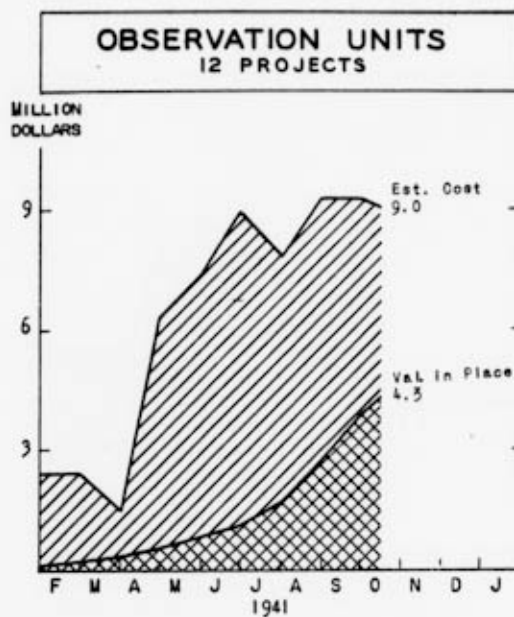
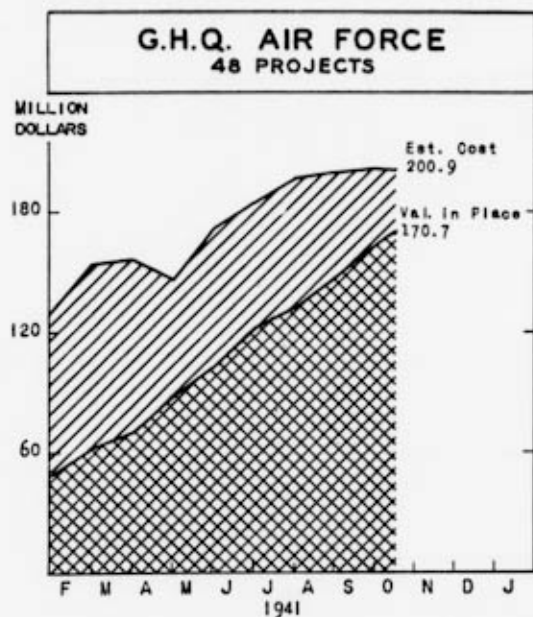
	<u>Prog.</u>	<u>Sched.</u>	<u>Deliv.</u>
Compressor, air, motorized	890	890	883
Mixer, concrete	117	117	99
Grader, road, motorized	119	119	106
Searchlight, 18" beach defense	160	160	140

TRAILER FOR 60" SEARCHLIGHT

The searchlight trailer is showing improvement after many delays in production. The program is for 5493 trailers. The schedule started May 15 at the rate of 500 a month or 125 per week. At the end of July only 48 had been delivered against a 2½-month schedule of 1250. In August 90 were delivered and in September 350 so that on September 30 the status was 488 delivered and 2250 scheduled. For October the schedule of 500 was almost equaled when 486 were delivered, bringing the cumulative total to 974 trailers. The first week of November showed further improvement when almost 200 trailers (196) were delivered against a schedule of 125, so the present status on November 8 is 2875 scheduled and 1170 delivered. The item is still 59 percent behind schedule.

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

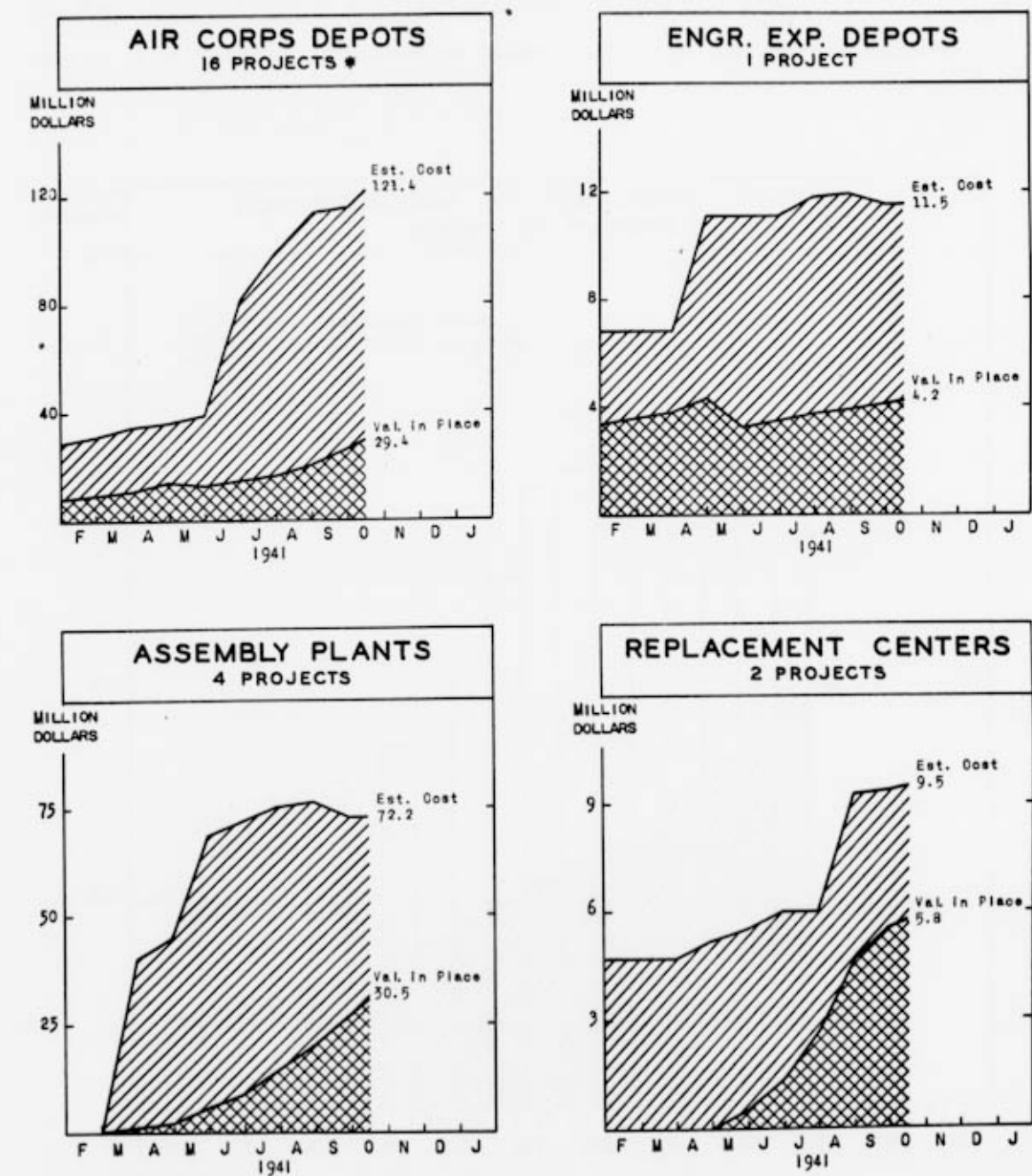
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES 2 BOMBING RANGES

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

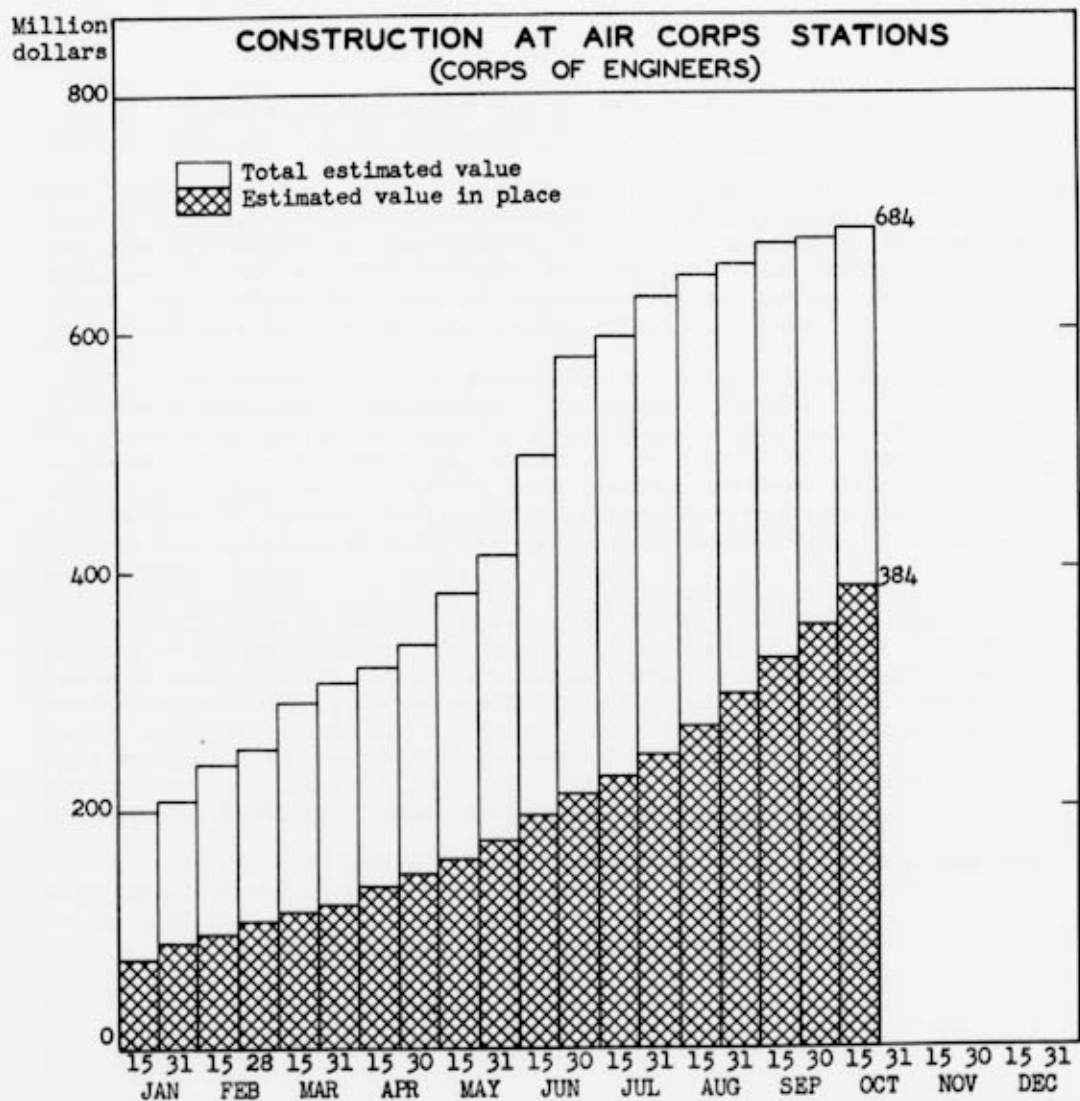
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES 5 FERRYING COMMAND STATIONS AND 1 WEATHER AND COMMUNICATIONS DETACHMENT

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

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



Corps of Engineers

41

Statistics Branch
 OUSW - 11-15-41

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED NOVEMBER 15, 1941

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

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

During the period October 16 to 31, deliveries were made on thirty-five of the sixty critical items covered on the Weekly Statistical Report. One item of Scissors was completed in the 1941 Procurement Program by the delivery of 4,700 on a contract with the Acme Shear Co., Bridgeport, Connecticut. This brings the number of completed critical items to thirteen. No deliveries were made on the 1942 program of critical items.

The manufacturers of sterilizers are still unable to keep anywhere near their schedules of production. The greatest difficulty is in obtaining the brass inner shells for dressing sterilizers. Other basic materials such as Monel metal, stainless steel, chromium, and nickel are extremely scarce, and subcontractors are far behind their promised delivery dates. The last fifteen days of October, however, showed some improvement as contractors delivered and had accepted fifty-six of the large battery type of hospital sterilizer.

In order to overcome the extreme shortage in ethyl alcohol complained of by manufacturers and druggists, the Commodity Credit Corporation has made available ten million bushels of corn, now stored in midwestern commercial warehouses, for conversion into alcohol to be used in manufacturing smokeless powder for the Army. Contracts for the conversion of this material have been awarded to Joseph E. Seagram and Sons, Inc., Lawrenceburg, Indiana; Clifton Spring Distilling Co., Lawrenceburg, Indiana; and National Distillers Products Co., New York City.

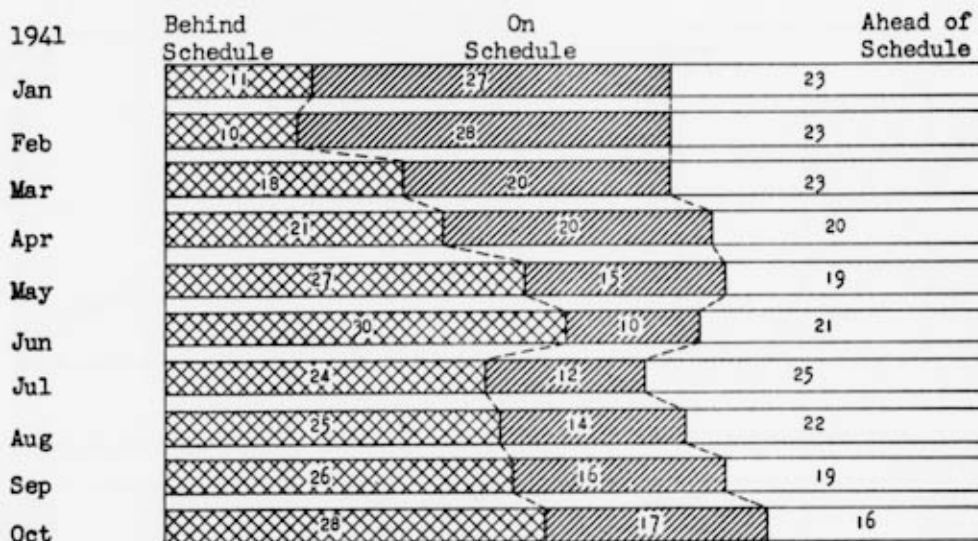
In the week ending November 6, the percentage of sick within the continental limits of the United States was 3.10. There were 2.87 percent in hospital and .23 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS, F. Y. 1941 PROGRAM - OCTOBER 31, 1941

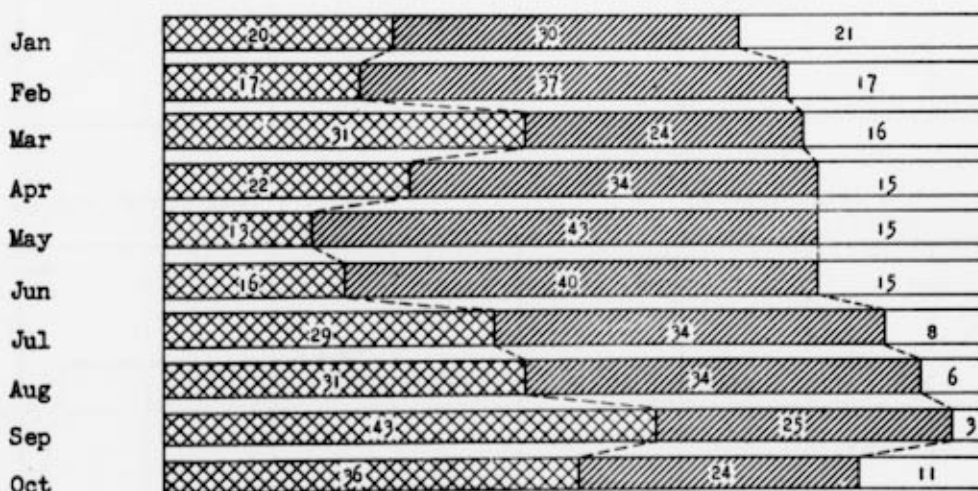
Source of Information: Medical Department Procurement Progress Reports

Includes 1941 Program only

Sixty-one Critical Items



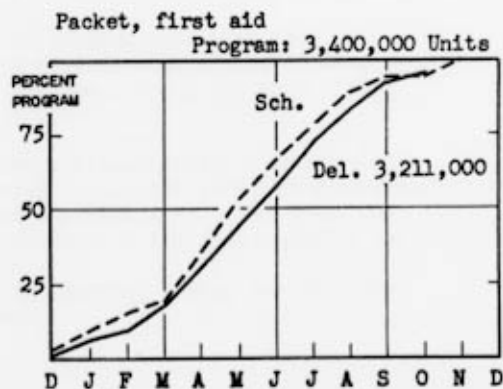
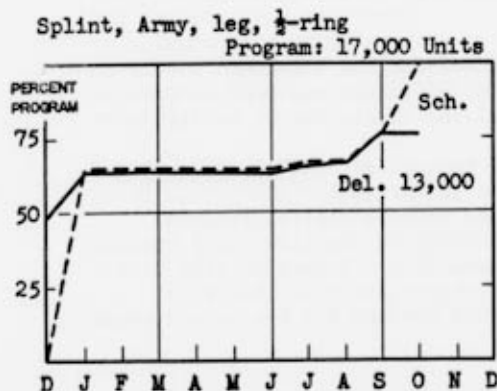
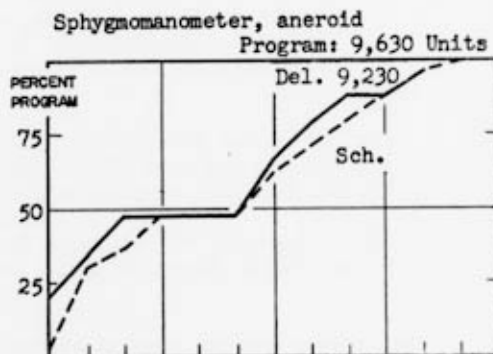
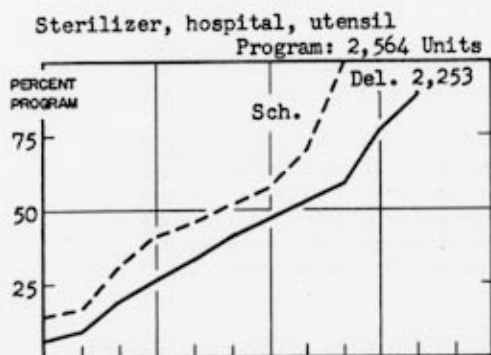
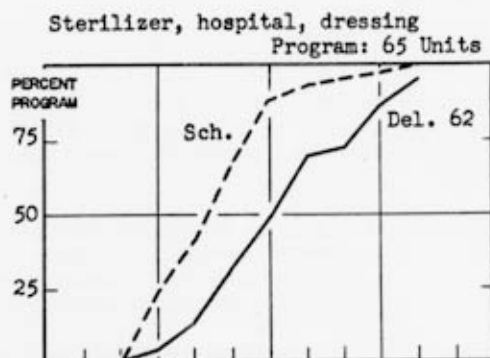
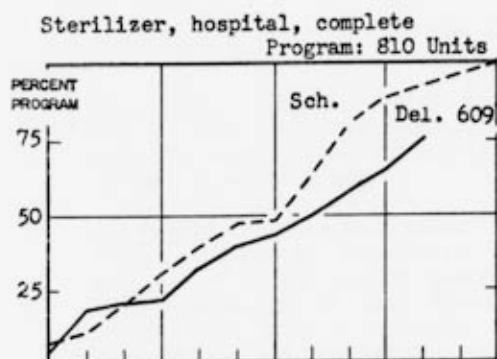
Seventy-one Selected Items



MEDICAL DEPARTMENT - DELIVERY STATUS - SIX CRITICAL ITEMS - OCTOBER 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Includes 1941 program only.



TEXT SUMMARYCHEMICAL WARFARE SERVICESTATUS NOVEMBER 7, 1941

Source of Information: Chemical Warfare Service Weekly Reports

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

PRODUCTION: Chemical Warfare Service reports deliveries on six Critical and fourteen Essential items of the Expenditure Program. The program, with the exception of three Critical and five Essential items, is now 100 percent under contract.

GAS MASKS: Service Mask assemblies reported this week total 47,394 units; 24,264 of these are deliveries on the 1942 program. Goodyear reports a delivery of 23,130 Service Masks on the only remaining contract of the 1941 program, and at their present production rate should complete this program well ahead of schedule.

Johnson and Johnson reports a delivery of 10,200 Extra Service Canisters. The production schedule for extra canisters is necessarily low because of the whetlerite shortage. The canisters used in actual mask assembly have been given priority for the available whetlerite.

Edgewood Arsenal reports a delivery of 20,440 Diaphragm Masks. Sprague Specialty Company reports a delivery of 5,700 Training Masks, the first delivery on the 1942 program.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 76 tons. The approximate capacity at Edgewood Arsenal is 300 tons per month. The Huntsville plant is expected to be in operation in June 1942 and thereafter the production of Mustard Gas will be doubled.

There were 7,126 Smoke Pots; 23,864 CN capsules; 80 Irritant Candles, and 5,292 Chemical Mortar Shells delivered during the week covered by this report.

PROTECTIVE AGENTS: The pilot plant at Edgewood Arsenal reports production of 6.4 tons of Impregnite "I". A delivery of 915,780 eight-ounce tubes of Shoe Impregnite, 92 tons of Demustardizing Bleach, and 292 tons of Impregnite "I" Solvents was reported.

There were no deliveries on Non-Corrosive Demustardizing Agent reported. Long-term schedules are necessary for this item because of the limited facilities that are available for its production. Low priorities limit construction of additional facilities.

VARIOUS DELIVERIES: Deliveries of 270 Instructional Sets; 74 Detonation Sets; 5,506 Gasproof Curtains, and 376 Steel Containers (ton) were reported.

Chemical Warfare Service reports that the remaining 6,052 Steel Containers (ton) will not be placed under contract. A fifty-five gallon container will be used for additional storage.

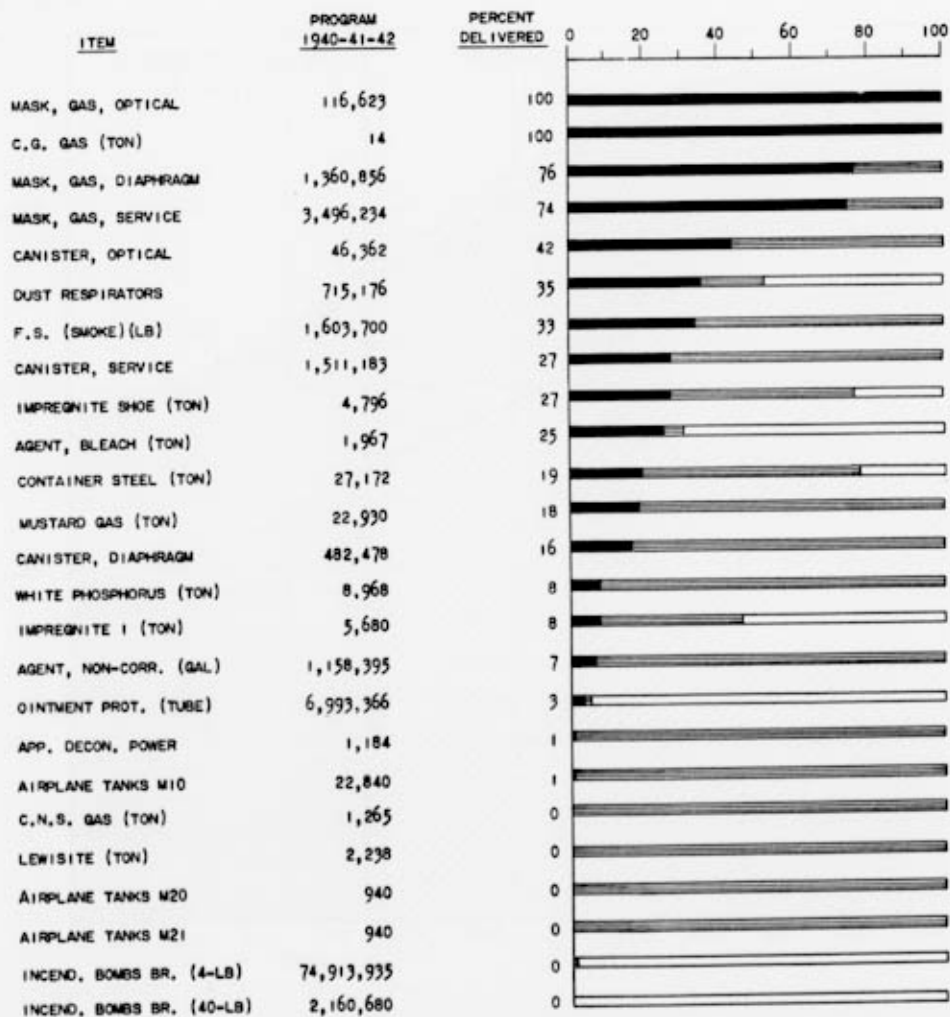
There were also deliveries of 1 Sewing Machine, 1 Pump for Airplane Smoke Tanks, and 151 Mark-10 Airplane Tanks.

SELECTED ITEMS
PROCUREMENT PROGRESS

Source of Information: Chemical Warfare Service

November 7, 1941


 DELIVERED CONTRACTED NOT CONTRACTED



Chemical Warfare Service

Statistics Branch
OUSW - 11-15-41

ACTUAL AND ESTIMATED DELIVERIES
1940-1941-1942

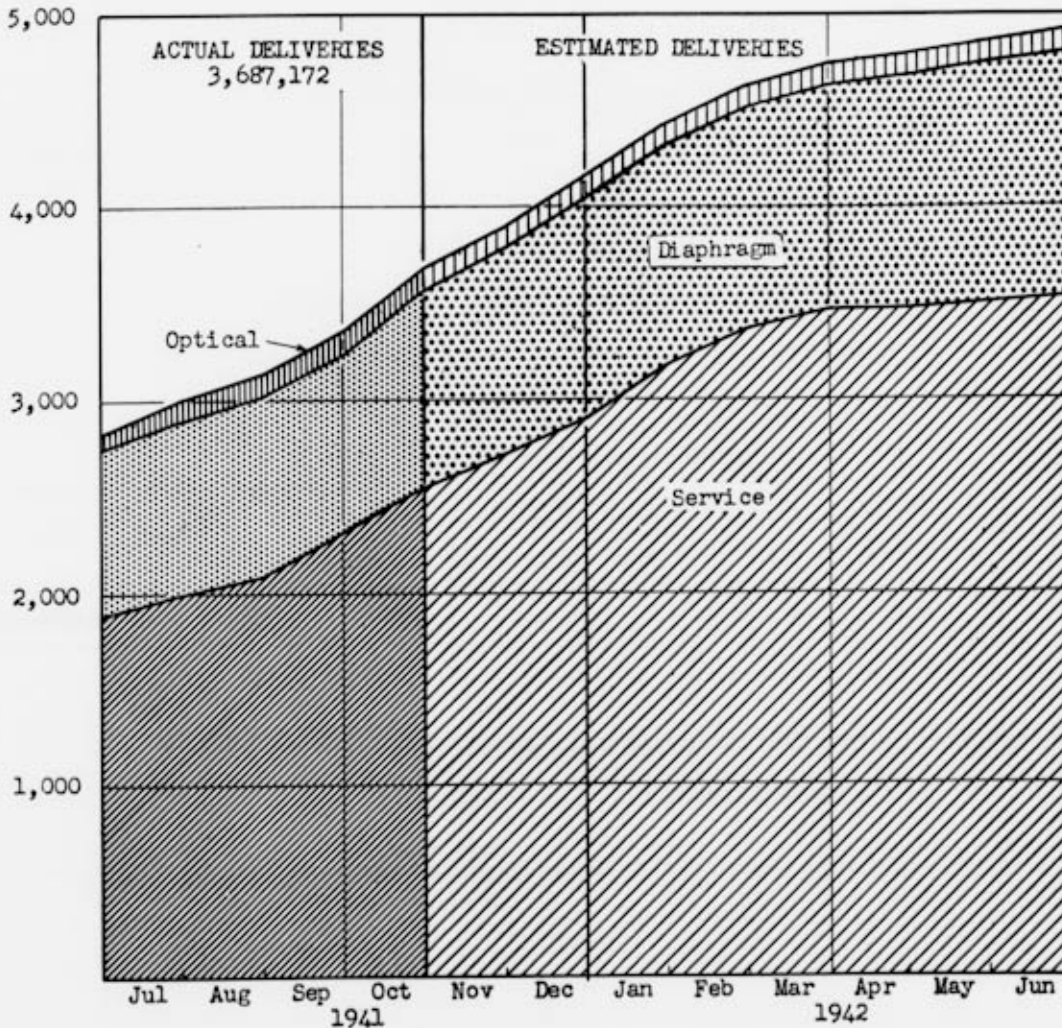
GAS MASKS

Source of Information: Chemical Warfare Service

November 7, 1941

Thousands

5,000



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH NOVEMBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

The procurement of submarine mine equipment has remained ahead of schedule since last January. The present delivery figure was not scheduled to be reached until next March. Total completion of this contract is scheduled for next April. The present status is shown in the tables below.

Initial Requirements

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Nov 8	Contracted	Delivered
Submarine mine groups	199	199	137	182	100	91

Incompleted Group

<u>Location</u>	<u>Number of group</u>	<u>Completion date</u>
Delaware Bay	17	Mar '42

Maintenance Requirements

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Nov 8	Contracted	Delivered
Submarine mine groups	69	69	*	40	100	58

* Not available

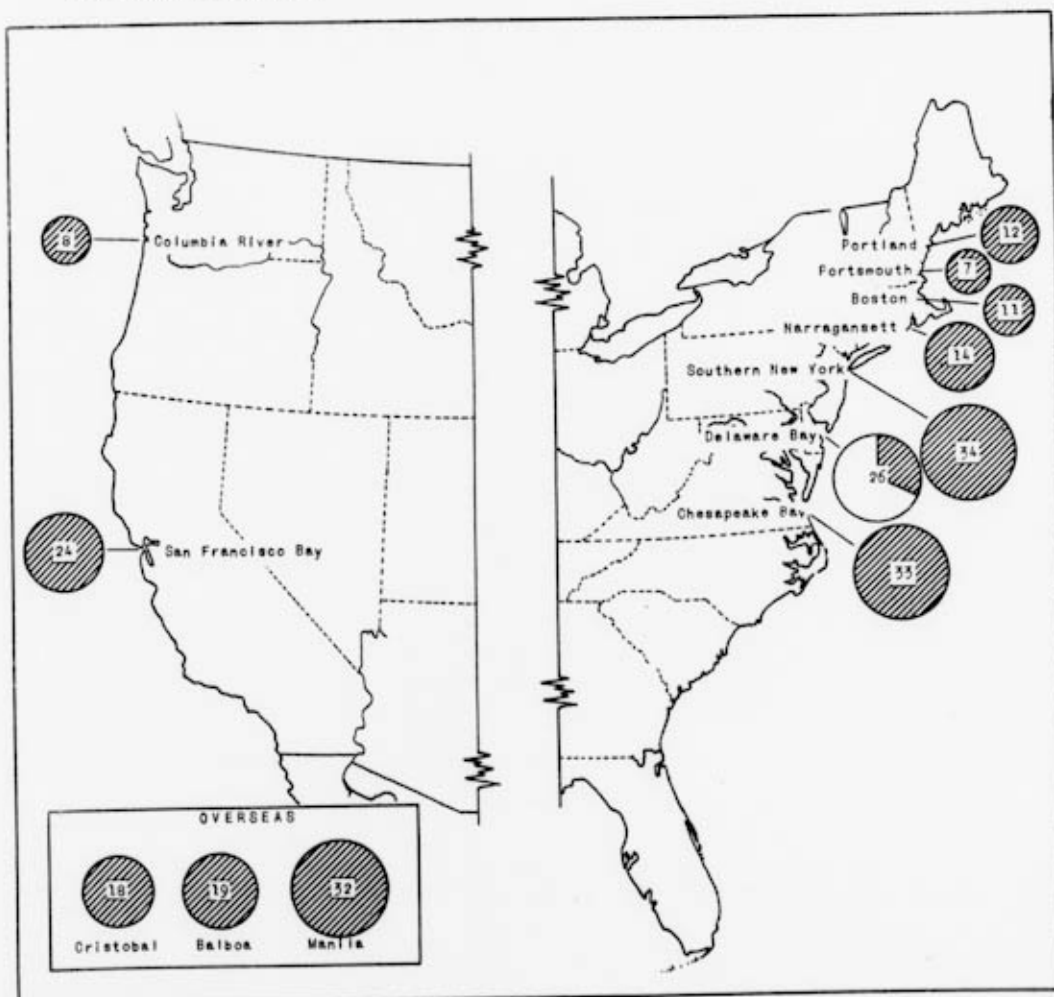
Incompleted Groups

<u>Location</u>	<u>Number of groups</u>
Delaware Bay	1
Submarine Mine Depot	8
Depot Reserve	20
Total	29

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - NOVEMBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

The diagram below shows the location of submarine mine installations. Completed deliveries are indicated by hatching. The figures indicate the number of groups per installation. For Delaware Bay 8 of the 26 groups have been installed.



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UP WHEN NOT IN USE.

*PSF
War*

WEEKLY STATISTICAL REPORT

No. 21

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BRIGADIER GENERAL LEONARD P. AYRES
DIRECTOR, STATISTICS BRANCH

SUMMARY

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STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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WEEKLY STATISTICAL SUMMARY
REPORT # 21
NOVEMBER 22, 1941

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MEDICAL DEPARTMENT

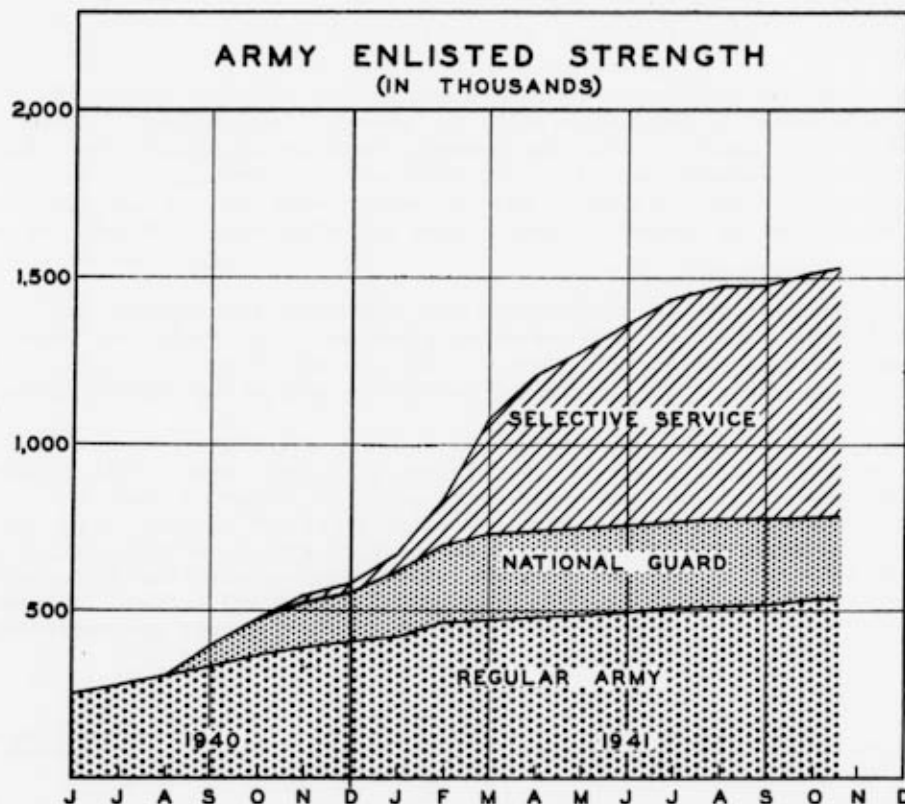
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COAST ARTILLERY CORPS

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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 17, 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	1,105,873	Oct	1,504,000
Nov	540,695	May	1,205,873	Nov 17	1,523,500
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, November 18, 1941

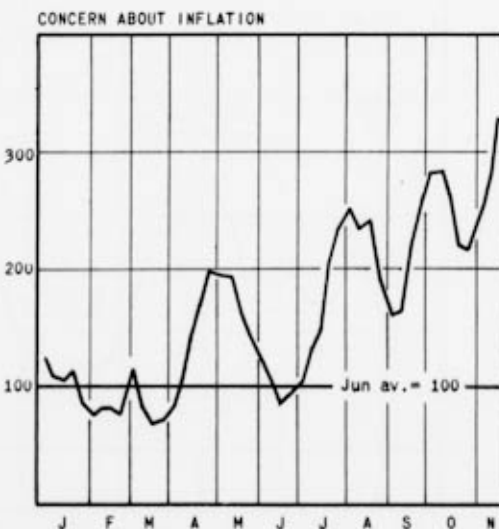
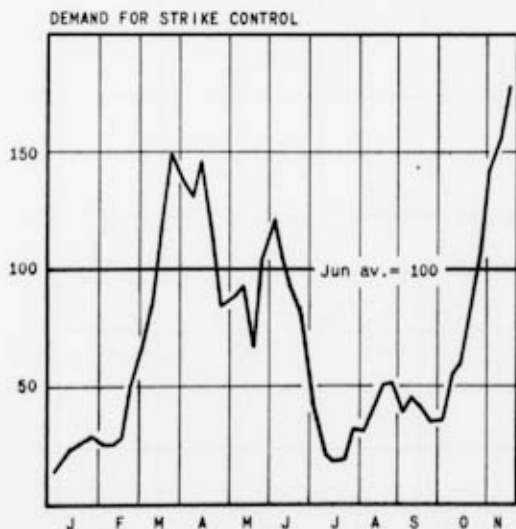
EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, November 19, 1941

Editorial interest in the whole defense program has reached a new high point. The dominant element in this discussion is concern about strikes and threatened strikes. Current editorial discussion of labor greatly exceeds interest in the Neutrality Act, the Japanese situation, naval affairs, or any other phase of the defense program. The strikes have produced more than twice as much editorial comment as the debate on HR 1776 at its height.

The commentators reiterate that strikes in defense industries can no longer be tolerated. A majority believes that voluntary control can now be said to have failed and that legislative action should be taken promptly, though the dangers of hurried legislation are acknowledged.

Proposed legislation falls into two groups. The first comprises permanent legislation, including revision of the Wagner Act, extension of anti-trust laws to apply to union activities, and new legislation regulating union finances and elections. The second group consists of temporary legislation to operate only during the emergency, and includes various forms of anti-strike legislation and the freezing of existing shop agreements. During the past year the type of legislation proposed by the commentators has become progressively more drastic.



EDITORIAL OFINION 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, November 19, 1941

PERCENT OF OPINIONS EXPRESSED

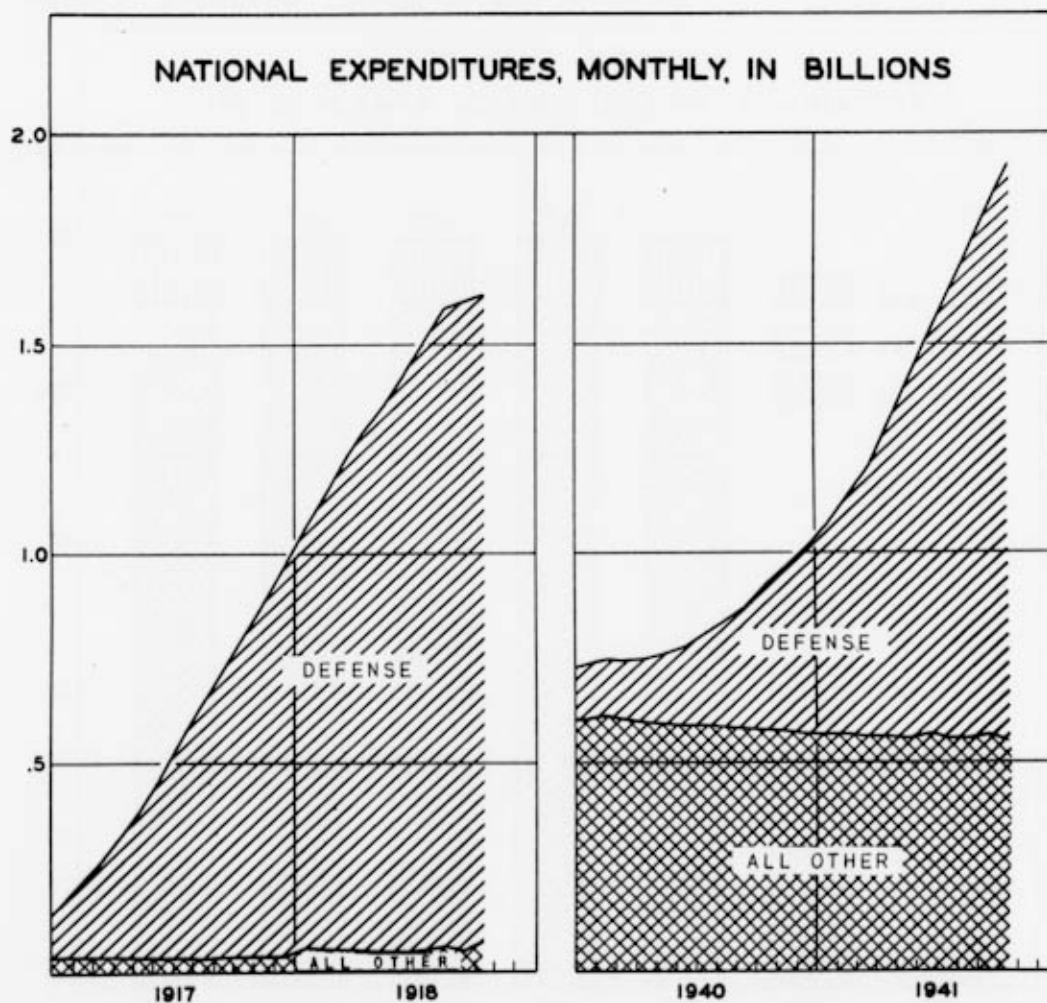
	In favor	Against	No opinion expressed
Proposal for longer working hours	26	5	69
Administration policy toward closed shop	70	4	26
Allocations instead of priorities	31	6	63
Treasury proposal for withholding tax	6	35	59

EDITORIAL COMMENTS TALLIED



NATIONAL EXPENDITURES IN WORLD WAR AND THIS EMERGENCY

Source of Information: Treasury Department

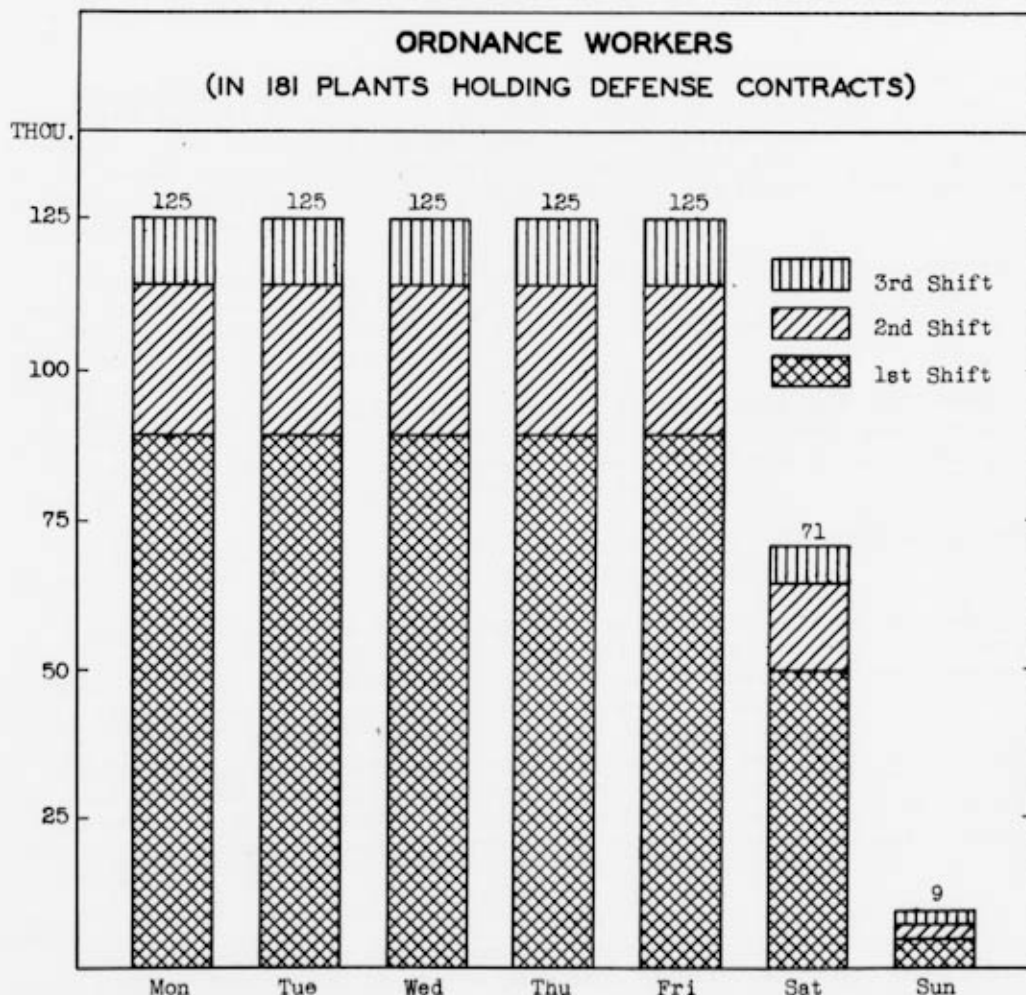


ORDNANCE WORKERS - 181 PLANTS

As of a representative week in September, there were 125,301 workers employed in 181 plants holding contracts for ordnance materiel; 30 percent of these employees were working during the second or third daily shifts. These plants were utilized to the extent of having 57 percent of the workers employed on Saturdays and 7 percent employed on Sundays.

In the 181 plants (ammunition, explosives, firearms, and ordnance work) approximately 70 percent of all man hours worked was applied directly or indirectly to defense contracts.

Source of Information: Bureau of Labor Statistics



TEXT SUMMARY - ORDNANCE DEPARTMENT - NOVEMBER 22, 1941

Source of Information: Ordnance Department and OUSW

OCTOBER ACCEPTANCES

Monthly acceptances of equipment and ammunition items in October are shown in the tabulation on the following page. There was a general increase over preceding months. Acceptances scheduled for each of the three succeeding months are also shown; they are the official estimates made as of October 31, 1941.

Aircraft Machine Guns - Acceptances are increasing steadily. They are in line with the schedules estimated by four plants making the caliber .30, and five plants producing caliber .50 machine guns. This is shown graphically on page 9.

Small Arms Ammunition - Acceptances of caliber .30 and caliber .50 cartridges were 17 million and 3 million, respectively, below the October schedules. The failure of the new Lake City and Denver plants to make deliveries in the volume scheduled for October, more than off-set better-than-scheduled performances by Frankford Arsenal, Remington Arms and Western Cartridge. Charts of total acceptances scheduled are shown on page 10.

Aircraft Cannon, 20mm - Irregular early output by the Eclipse Division of Bendix has resulted from difficulties in making the ejector, the firing pin and the driving spring. Olds Motor and International Harvester are scheduled to start deliveries in November.

Tanks - Deliveries in the first half of November were 135 light tanks and 140 medium tanks, as against 164 and 98, respectively, in the same October period. Both Lima Locomotive and Montreal Locomotive are scheduled to start deliveries against British and Canadian orders in November.

Antiaircraft Gun, 90mm - Acceptances in the first half of November were 16 complete units, against 3 in the same October period.

Howitzer, 105mm - The sharp jump to 98 accepted in October was made possible by resumption of output of carriages by Rock Island Arsenal and a further increase of Pullman Standard's output. American Locomotive is the third carriage manufacturer on which the estimated schedule depends.

Ammunition - Rising output of complete rounds is made possible by increasing deliveries of TNT: 4 $\frac{1}{2}$ million pounds in October against 2 million pounds in September; 9 million pounds estimated for November and 15 million pounds for December. The chart on page 13 compares total schedules with loading capacity of ammunition.

NEW ORDERS

Important new orders for medium tanks have been placed in November with Ford Motor Company and General Motors Corporation. Additional orders have been placed with Baldwin Locomotive Works for 400 medium tanks. Orders for tanks placed in October included 2,000 medium tanks, and 50 heavy tanks. October orders for recoil mechanisms for self-propelled guns included 1,660 for 3" guns, 1,350 for 75mm guns and 500 for 4.5" guns.

MONTHLY PRODUCTION OF EQUIPMENT AND AMMUNITION - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Actual			Estimated		
	Aug '41	Sep '41	Oct '41	Nov '41	Dec '41	Jan '42
<u>EQUIPMENT</u>						
Machine gun, cal.30, A.C.	984	625	1,681	1,564	2,890	4,800
Machine gun, cal.50, A.C.	4,912	6,330	6,473	7,815	9,515	12,320
Gun, 20mm, automatic, A.C.	0	5	50	0	350	675
Gun, 37mm, automatic, A.C.	36	37	13	16	50	150
Tank, light	281	309	400	293	349	350
Tank, medium	90	193	249	503	562	623
Gun, 37mm, tank	859	354	374	1,305	604	1,100
Gun, 75mm, tank	0	151	194	208	250	300
Gun, 90mm, A.A.	10	32	24	29	32	63
Howitzer, 75mm	33	65	21	54	96	119
Howitzer, 105mm	0	8	98	118	123	210
Gun, 155mm	0	0	0	19	13	20
Rifle, cal.30, M1	30,760	26,970	31,049	29,000	31,000	31,000
Gun, 37mm, antitank	120	251	264	484	471	385
Mortars, 60mm, 81mm	588	616	1,016	755	1,321	1,340
<u>AMMUNITION (Thousands)</u>						
Cartridge, cal.30	48,578	65,134	66,601	131,350	177,219	225,769
Cartridge, cal.50	5,292	6,391	6,489	16,487	25,785	38,495
Cartridge, 20mm, A.C.	735	849	1,489	1,500	1,825	4,500
Shell, H.E., 37mm, A.C.	43	0	197	250	250	150
Shot and shell, 37mm, T & AT	0	4	2	40	323	450
Shell, H.E., s c, 75mm gun	0	0	0	230	120	200
Shot, A.P., 75mm gun	0	0	0	0	1	6
Shell, H.E., 75mm howitzer	0	13	13	0	0	137
Shell, H.E., 90mm, A.A.	2	2	5	10	10	144
Shell, H.E., 105mm howitzer	0	0	0	24	96	180
Shell, H.E., 155mm gun	0	0	0	2	10	20
Charge, prop., 155mm gun	0	6	-	22	38	67
Shell, H.E., 60mm, mortar	3	0	0	2	200	400
Shell, H.E., 81mm, mortar	0	0	-	50	100	165
Bomb, demo., 100#, 300#, 500#	8	20	1	49	33	56

EQUIPMENT PROCUREMENT - SUMMARY - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

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

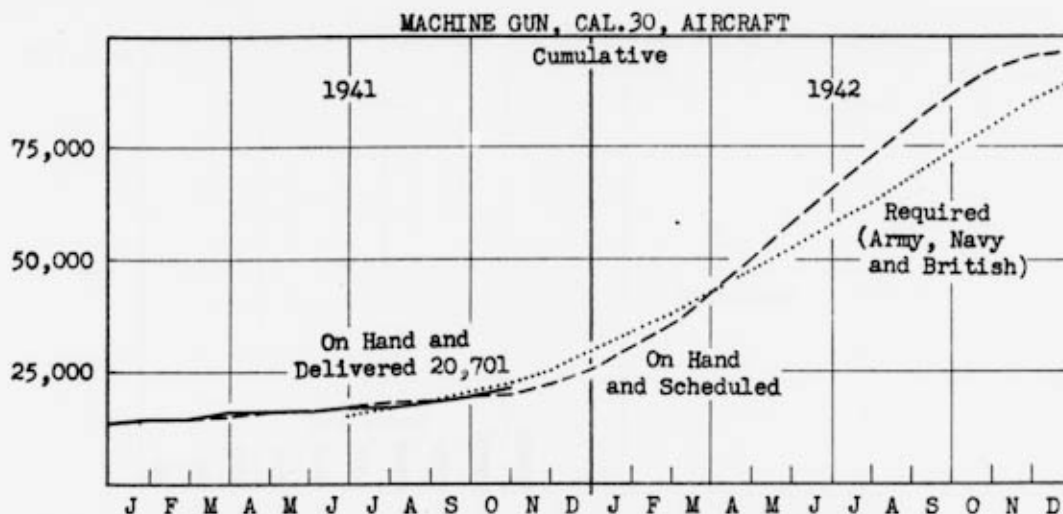
* NOTE: Total procurement program consists of authorizations from Fiscal Year 1940, 1941, and 1942 funds, Navy, Marine Corps, and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include armament for combat vehicles.

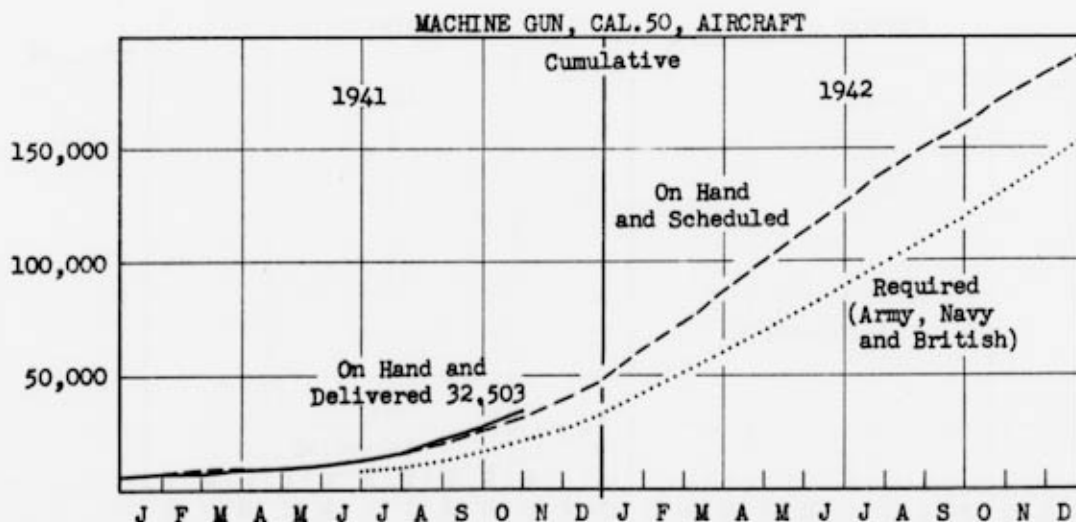
DELIVERIES AND SCHEDULES - AIRCRAFT MACHINE GUNS - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department and OUSW



CUM. (THOUSANDS)

DELIVERED	14	15	16	16	16	17	17	18	19	21														
SCHEDULED	14	15	15	16	16	17	18	18	19	20	22	25	30	35	42	49	57	65	72	79	86	92	95	96
REQUIRED						15	17	18	20	22	25	29	33	37	42	47	52	57	62	68	74	80	85	89

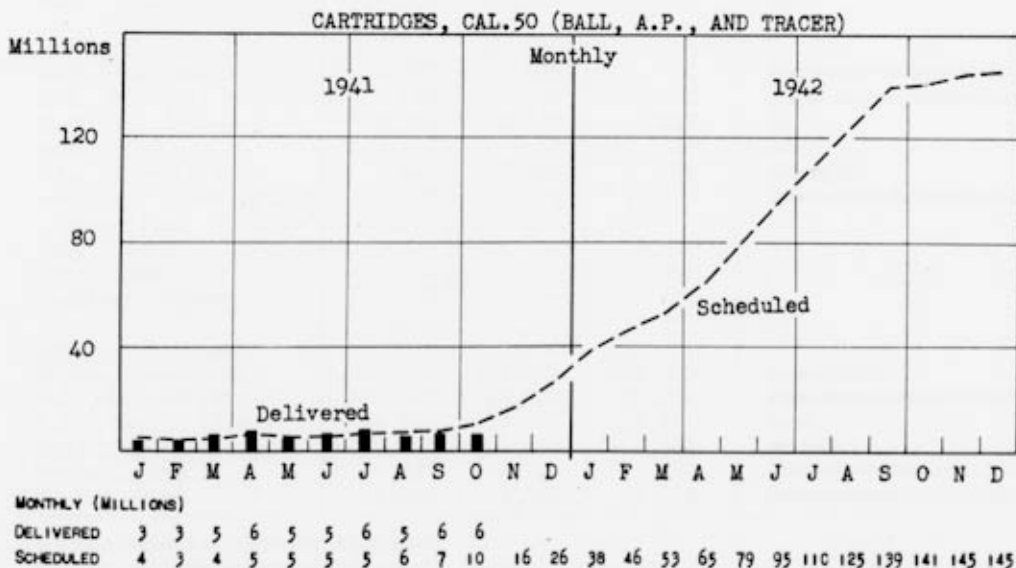
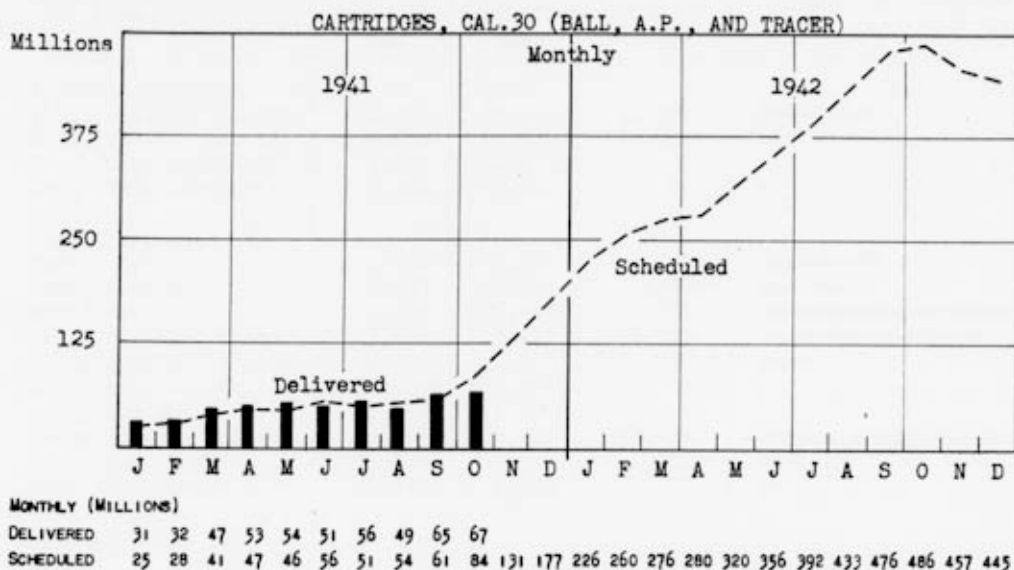


CUM. (THOUSANDS)

DELIVERED	7	7	8	9	10	12	15	20	26	33															
SCHEDULED	7	8	8	9	10	12	15	19	25	31	39	48	61	73	86	99	111	125	138	150	161	172	182	192	
REQUIRED						7	9	12	16	21	26	33	42	51	60	69	79	89	99	108	119	130	142	154	

SMALL ARMS AMMUNITION - MONTHLY PRODUCTION - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department



EQUIPMENT - STOCKS AND REQUIREMENTS - NOVEMBER 15, 1941

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

Item	Requirements		Stocks in hands of Field Service	Percent of requirements					
	Total 3,200,000 Men	Initial 1,820,000 Men		Total	Initial				
				0	20	40	60	80	100
<u>Aircraft Armament</u>									
M.G., cal.30, fix.&fl.	44,269	33,946	13,492						
M.G., cal.50, fix.&fl.	132,534	60,531	14,936						
Gun, 20mm, automatic	4,253	1,413	0						
Gun, 37mm, automatic	2,883	2,021	92						
<u>Combat Vehicles</u>									
Tank, light	4,946	2,389	945b						
Tank, medium	2,827	1,046	289c						
Scout car	4,299	2,083	2,384d						
Pers. carrier, 8-man	7,896	3,413	2,520						
Pers. carrier, 13-man	8,647	4,517	820						
M.G., cal.30 (Var.)	69,409a	30,674a	a						
M.G., cal.50 (H.B.)	13,398a	5,734a	a						
Submach. gun, cal.45	56,233	26,705	28,439						
Gun, 37mm, tank	7,878	3,427	1,088						
Gun, 75mm, tank	2,797	1,020	70						
<u>Antiaircraft</u>									
Gun, 3" }	1,856	1,177	562 }						
Gun, 90mm }			64 }						
Gun, 37mm	3,055	2,552	487						
M.G., cal.50 (W.C.)	22,966	17,065	1,184						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,778	836	850						
How., 75mm, f. & p.	254	177	204						
Howitzer, 105mm	3,733	2,457	117						
Gun, 155mm	283	95	17						
Gun, 155mm (H.S.)	969	587	174						
Howitzer, 155mm (H.S.)	1,037	739	1,199						
<u>Unmodified</u>									
Gun, 75mm	-	-	2,470						
Gun, 155mm	-	-	791						
Howitzer, 155mm	-	-	664						
<u>Infantry Armament</u>									
Rifle, cal.30, M1	1,539,512	838,601	309,515						
M.G., cal.30 (Var.)	107,943	49,737	50,374						
M.G., cal.50 (H.B.)	32,146	14,737	2,194						
Gun, 37mm, antitank	9,523	4,892	1,508						
Mortar, 60mm	7,927	4,747	5,640						
Mortar, 81mm	4,566	2,340	2,038						

a Included in Infantry Armament.

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

AMMUNITION PROCUREMENT - SUMMARY - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Deliveries thru Oct 31 (THOUSANDS)	Percent of total program			
			Con- tracted	Sched- uled	Due	Delivered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,047	288	99	82	13	14
Bomb, demo., 100#, 300#, 500#	1,693	136	78	99	11	8
Bomb, demo., 1000#	110	2	13	91	0	2
Bomb, chem., 30#, 100#	603	156	86	100	25	26
Cartridge, 20mm	112,213	3,073	78	100	3	3
Shell, H.E., 37mm	2,098	319	90	100	18	15
Flares	901	224	43	87	29	25
Signals	2,784	881	74	98	34	32
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	690	72	70	4	4
Shell, 3", H.E.	2,269	122	99	82	6	5
Shell, 90mm, H.E.	3,057	9	99	97	1	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	80	100	6	4
Shell, g & s, 75mm gun	1,108	15	100	42	4	1
Shot, A.P., 75mm gun	8,388	0	21	8	0	0
Shell, H.E., 75mm how.	4,927	263	87	100	5	5
Shell, H.E., 105mm how.	19,710	62	56	57	-	-
Shell, H.E., 155mm gun	1,360	0	80	92	-	0
Charge, prop., 155mm gun	2,248	232	48	88	13	10
Shell, H.E., 155mm how.	5,080	7	85	100	1	-
Shell, g & s, 155mm how.	1,442	0	85	31	0	0
Charge, prop., 155mm how.	7,497	843	77	94	10	11
Primer, 21 gr.	12,132	299	64	84	2	2
Fuzes (all)	14,315	3,184	79	87	22	22
<u>Infantry</u>						
Cartridge, cal.30	8,510,393	630,931	78	78	7	7
Links, met. belt, cal.30	1,011,225	129,638	99	99	13	13
Cartridge, cal.45	830,395	227,667	75	75	28	27
Cartridge, cal.50	2,958,273	72,162	61	61	3	2
Links, met. belt, cal.50	3,074,933	106,915	79	79	6	3
Shot & shell, 37mm	38,611	241	53	60	-	1
Shell, H.E., 60mm	11,310	39	79	100	1	-
Shell, H.E., 81mm	4,116	116	90	100	3	3
Shell, smoke, 81mm	456	0	94	100	0	0
Grenade, H.E., frag.	2,082	626	76	100	29	30
Signals, ground & light	6,804	901	54	72	18	13
Mine, antitank	3,146	0	83	94	0	0

* Unfilled.

♂ Unfuzed.

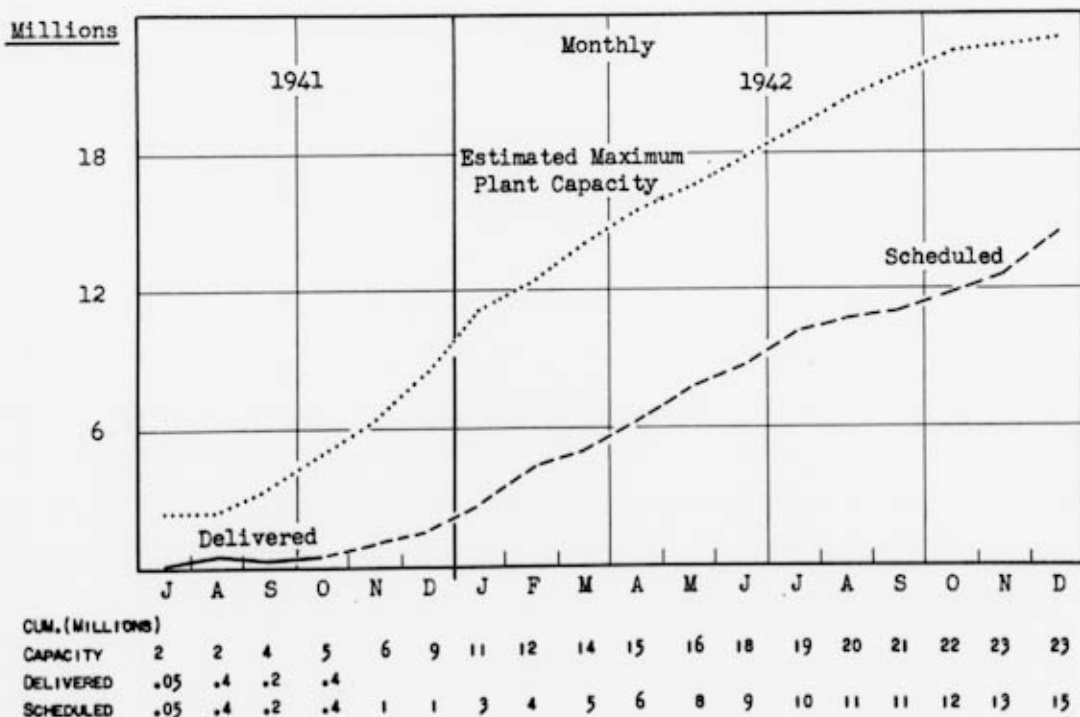
SHELL LOADING - ESTIMATED MAXIMUM CAPACITY & DELIVERIES SCHEDULED - OCTOBER 31, 1941

Source of Information: Industrial Service, Ordnance Department

The actual and scheduled monthly deliveries of complete rounds of all types of ammunition, including 37mm and larger calibers, is shown below. There are 80 different types of ammunition included in the delivery schedules.

Fulfillment of the estimated schedules is contingent upon the completion of the necessary loading plants, the availability of high explosives, propellant powder and metal components, and on satisfactory transportation and labor conditions. Loading is restricted currently by the limited amount of TNT available.

The estimated maximum loading capacity for 37mm and larger calibers of ammunition is likewise indicated. This capacity includes both existing plants and the nine new shell loading plants which are under construction. Five of the new plants have already started operation of one or more of the several loading lines that each contains. Most loading lines can be utilized to produce one of several types of ammunition, and it is not expected that total deliveries of complete rounds will ever reach maximum capacity.

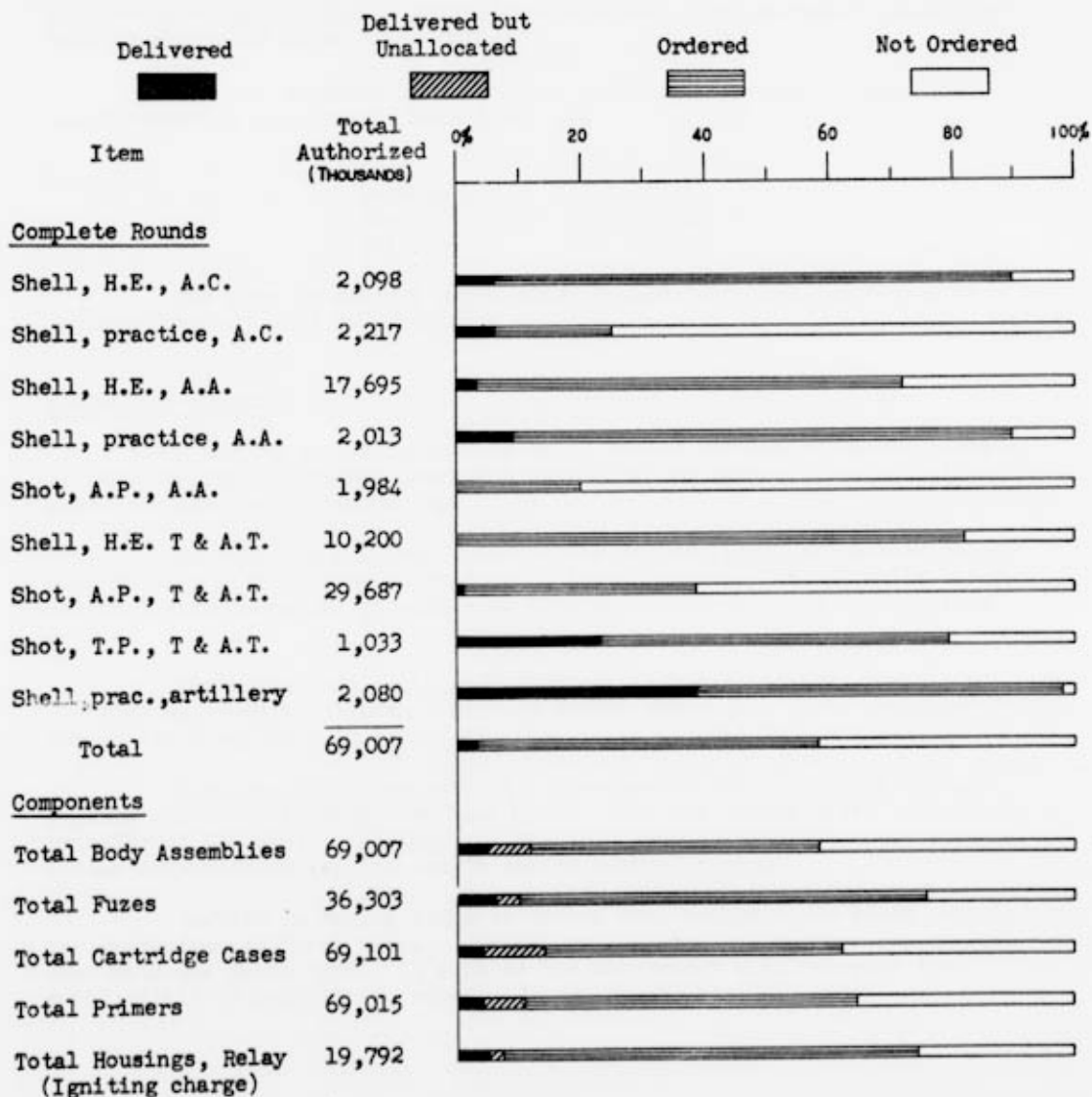


METAL PARTS - 37MM AMMUNITION - SEPTEMBER 30, 1941

Source of Information: Ammunition Division, Ordnance Department

Listed below are the total complete rounds and metal components authorized for procurement. Approximately the same number of components are authorized as the number of rounds in which they are used. Fuzes are not used in shot, and Relay Housings are used only in high explosive shell.

Components used in more than one type of complete round are allocated only to the extent that loading schedules for the complete rounds have been approved. Many loading schedules are restricted by the limited amount of TNT available.



TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

UNITED STATES PRODUCTION - ALL CUSTOMERS

During the first half of November, 1,009 airplanes were produced by military manufacturers. This is 44 percent of the record total October deliveries of 2,294 units. Indications are that total November production will be about 100 units above October.

Through November 15 there were produced 409 combat airplanes. Distribution by customer of this total was:

Army	139
Defense Aid	51
Navy	22
Britain	197

The Army received 8 B-17E heavy bombers and 12 Consolidated Liberators (B-24's) went to Britain.

PRODUCTION PROBLEMS

A new control mechanism is being tested for use on Bendix turrets in order to improve turret operation on B-24's and B-25's. Turret deliveries are also being speeded up.

No solution has been found to the oil cooling difficulties developed at high altitudes by Douglas' A-20 light bombers. The 60 units under contract will therefore be converted into night fighters and redesignated P-70's.

Continued acceleration of Curtiss, Bell and Lockheed pursuit deliveries may result in another Allison engine shortage. It is probable that Allison may have to expand its facilities to meet the demand.

Ford has failed to establish line production of Pratt & Whitney engines and no deliveries have been made. This has necessitated the recent transfer of 570 Pratt & Whitney engines from British orders to meet installation requirements for the Army's medium bomber program.

Curtiss is taking steps to switch from hollow blade steel propeller production to Dural units. Curtiss anticipates making more rapid progress with the Dural type. It expects the changeover will increase the availability of propellers, especially for Republic's P-43 model.

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

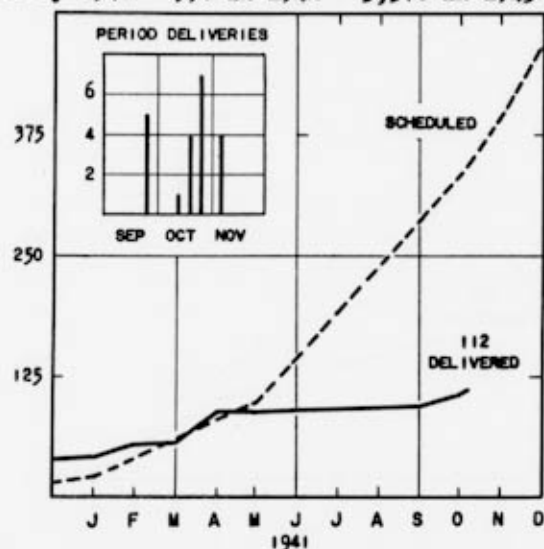
Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 11/8/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro-		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,056	5,302	4,826	91	112	-	476
Medium bomber	4,616	800	5,416	4,616	85	364	-	800
Light bomber	1,882	150	2,032	1,882	93	231	-	150
Pursuit fighter	709	1,150	1,859	1,859	100	113	-	-
Pursuit interceptor	4,394	4,700	9,094	8,994	99	1,506	-	100
Observation	533	80	613	533	87	307	-	80
Transport	1,118	243	1,361	1,361	100	105	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,180	25,769	24,163	94	2,753	-	1,606
Primary trainer	5,490	450	5,940	5,940	100	2,980	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,977	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	900	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,607	95	178	-	175
Total Trainer	16,470	3,060	19,530	19,355	99	6,035	-	175
Grand Total	32,059	13,240	45,299	43,518	96	8,788	-	1,781
<u>Installation engines</u>								
Heavy bomber	8,984	12,224	21,208	17,784	84	2,567	1,520	1,904
Medium bomber	9,232	1,600	10,832	9,228	85	1,075	4	1,600
Light bomber	3,576	150	3,726	2,576	69	1,249	1,000	150
Pursuit fighter	1,418	2,300	3,718	3,392	91	804	26	300
Pursuit interceptor	4,394	4,700	9,094	8,394	92	1,880	-	700
Observation	533	80	613	533	87	533	-	80
Transport	2,358	486	2,844	2,156	76	479	442	246
Amphibian	148	2	150	150	100	41	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,542	52,219	44,247	85	8,662	2,992	4,980
Primary trainer	5,490	450	5,940	5,940	100	3,073	-	-
Basic trainer	5,051	1,100	6,151	4,566	74	2,003	485	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	1,762	-	1,400
Total Trainer	19,102	4,210	23,312	19,967	86	9,135	485	2,860
Grand Total	49,779	25,752	75,531	64,214	85	17,797	3,477	7,840

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

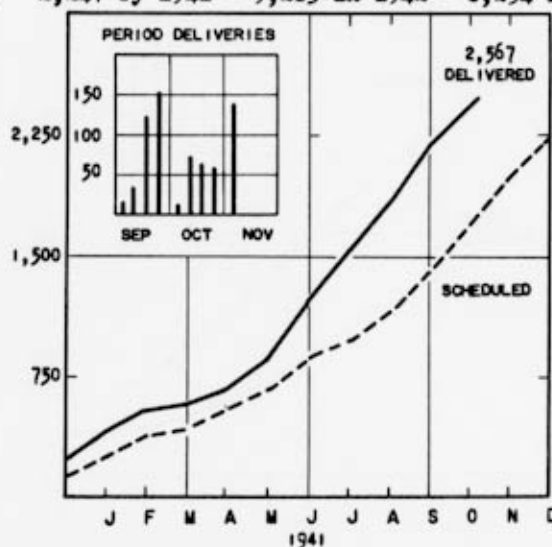
ARMY PROJECT AIRPLANES

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

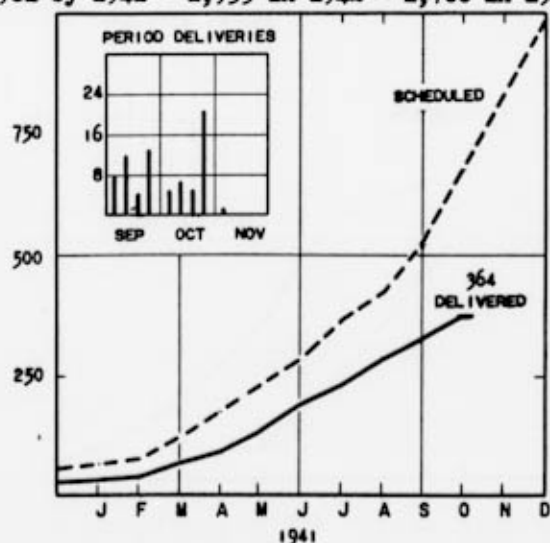


ARMY INSTALLATION ENGINES

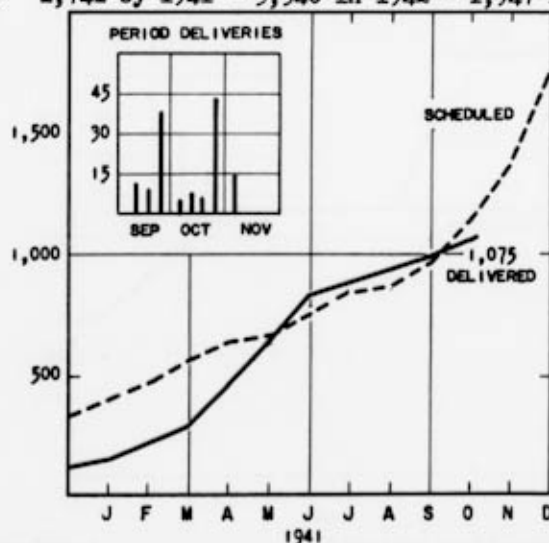
17,784 HEAVY BOMBER
2,247 by 1941 - 9,283 in 1942 - 6,254 in 1943



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



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



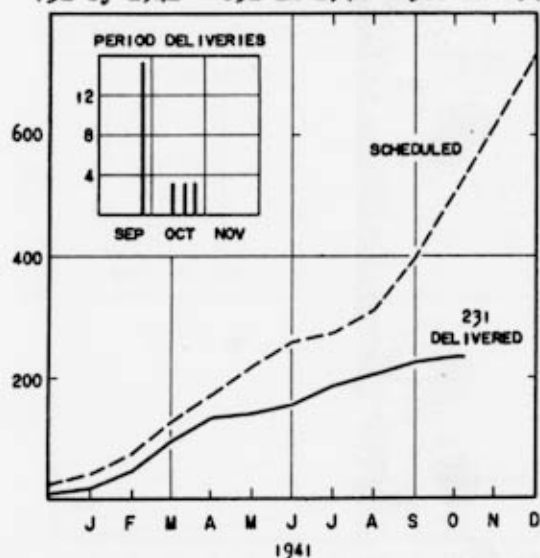
Air Corps

17

Statistics Branch
OUSW - 11-22-41

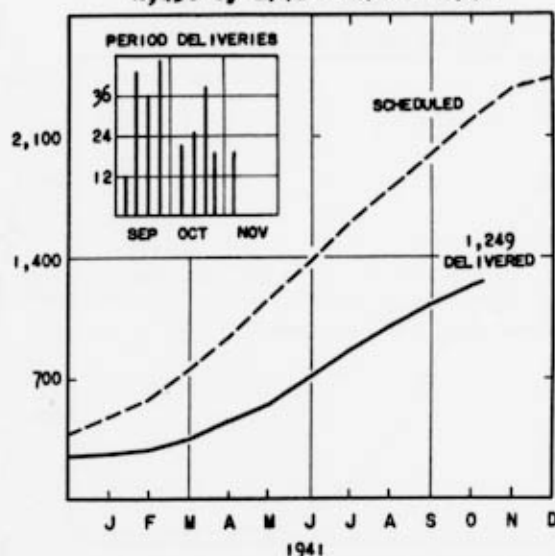
ARMY PROJECT AIRPLANES

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

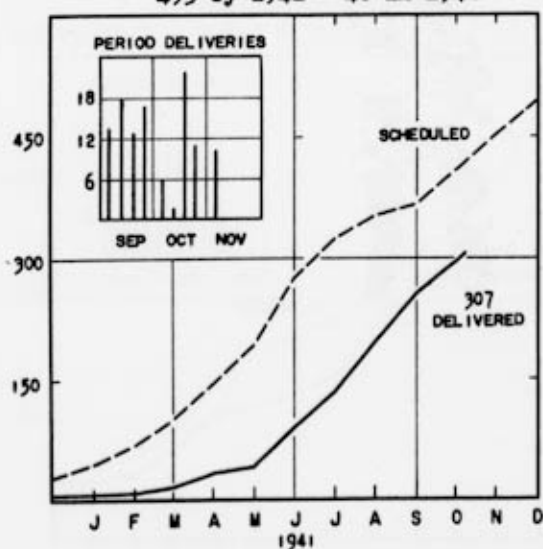


ARMY INSTALLATION ENGINES

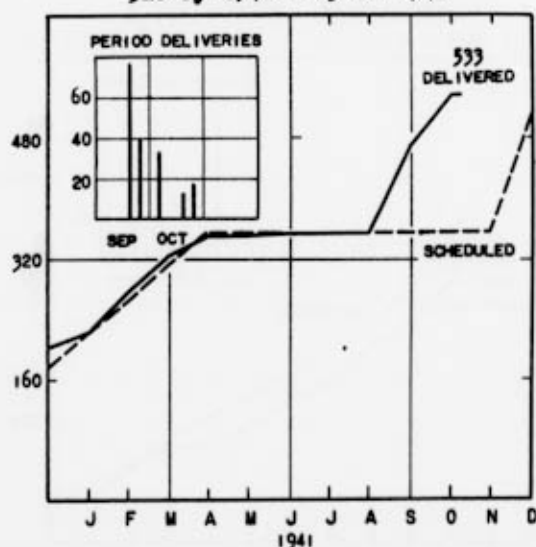
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



533 OBSERVATION
493 by 1941 - 40 in 1942

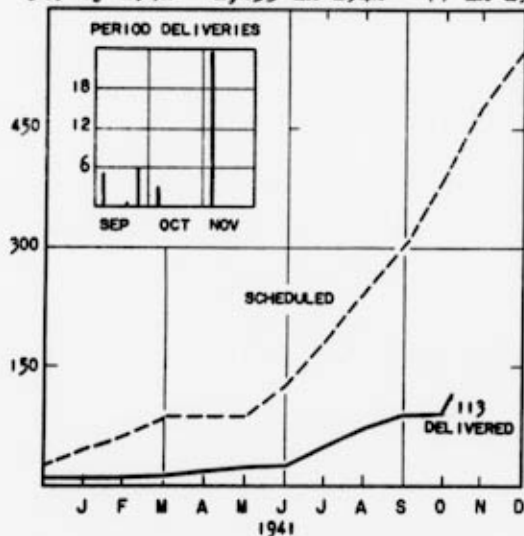


533 OBSERVATION
510 by 1941 - 23 in 1942



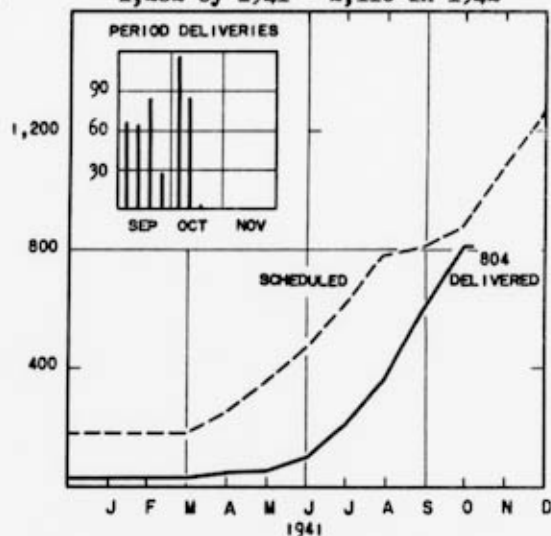
ARMY PROJECT AIRPLANES

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

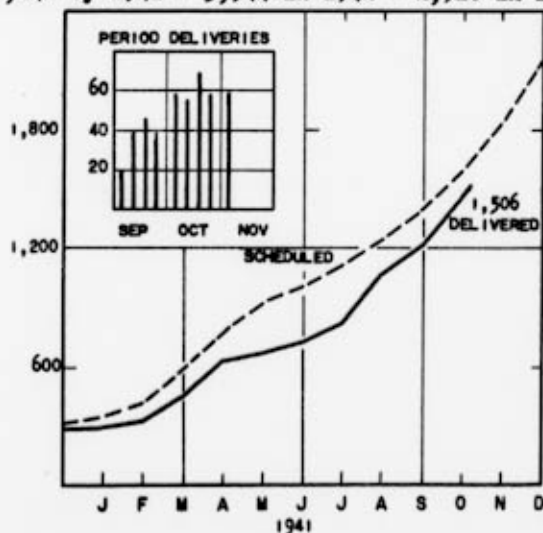


ARMY INSTALLATION ENGINES

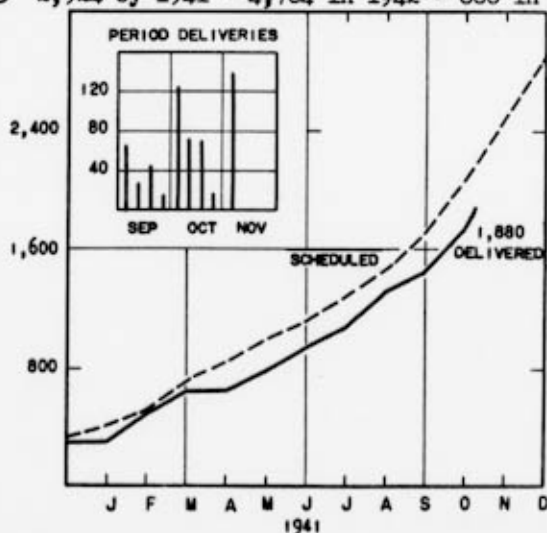
3,392 PURSUIT FIGHTER
1,282 by 1941 - 2,110 in 1942



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

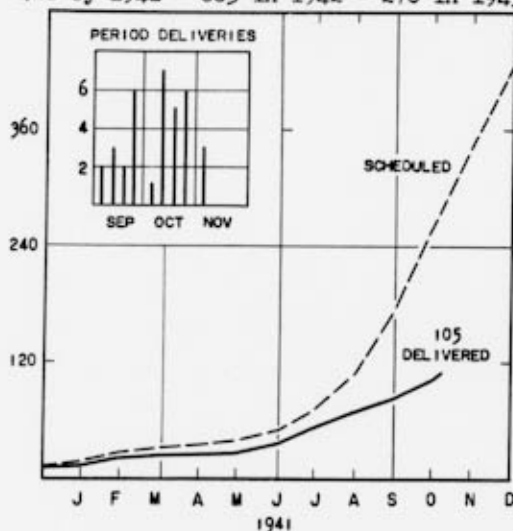


8,394 PURSUIT INTERCEPTOR
2,924 by 1941 - 4,784 in 1942 - 686 in 1943



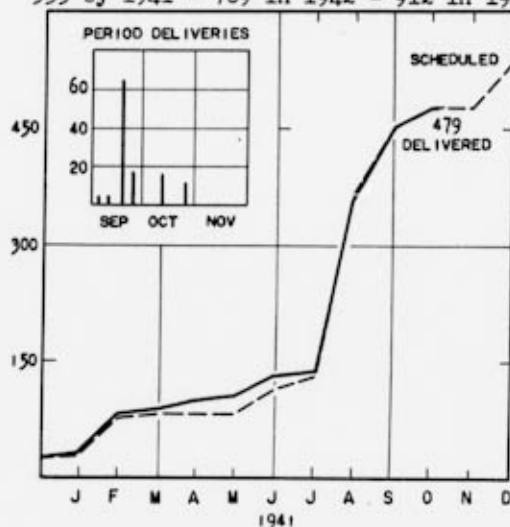
ARMY PROJECT AIRPLANES

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

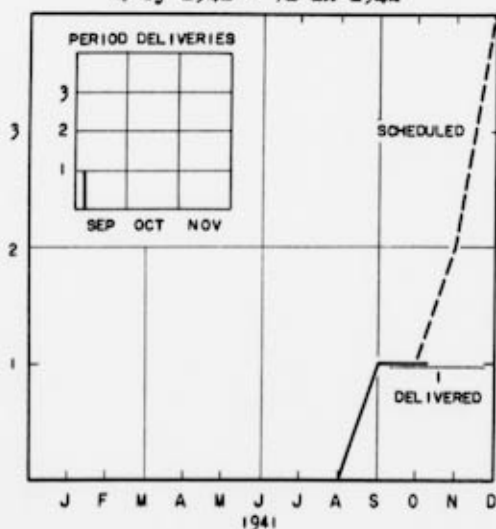


ARMY INSTALLATION ENGINES

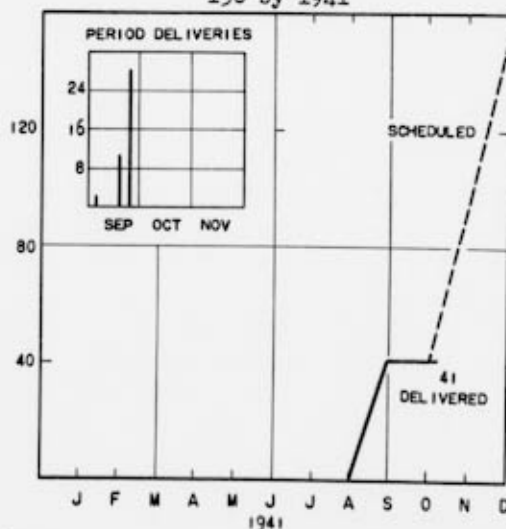
2,156 TRANSPORT
535 by 1941 - 709 in 1942 - 912 in 1943



75 AMPHIBIAN
4 by 1941 - 71 in 1942

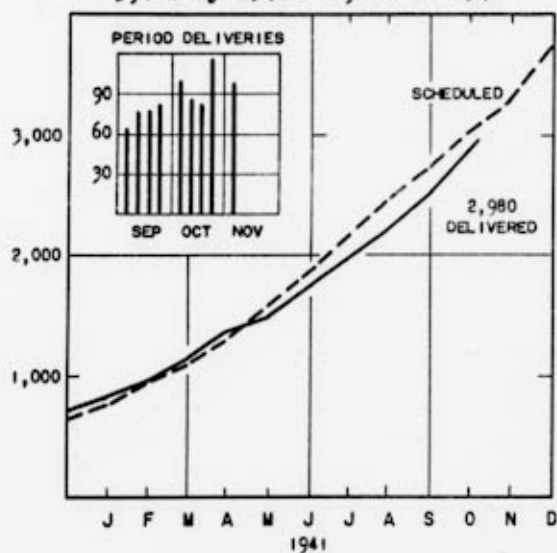


150 AMPHIBIAN
150 by 1941



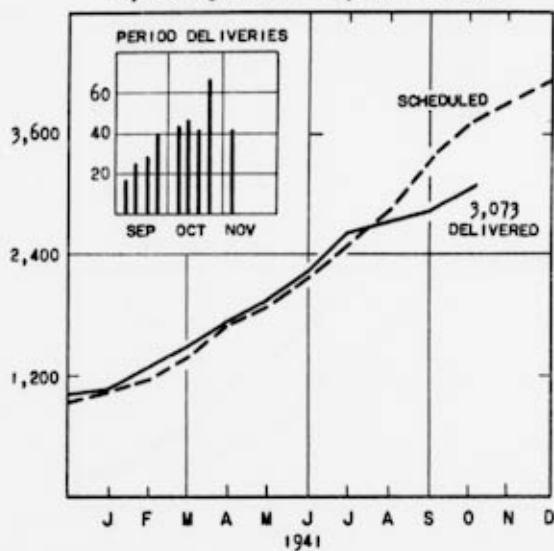
ARMY PROJECT AIRPLANES

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

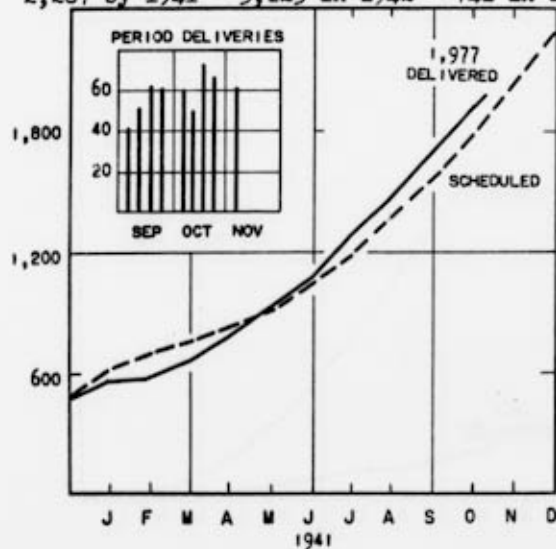


ARMY INSTALLATION ENGINES

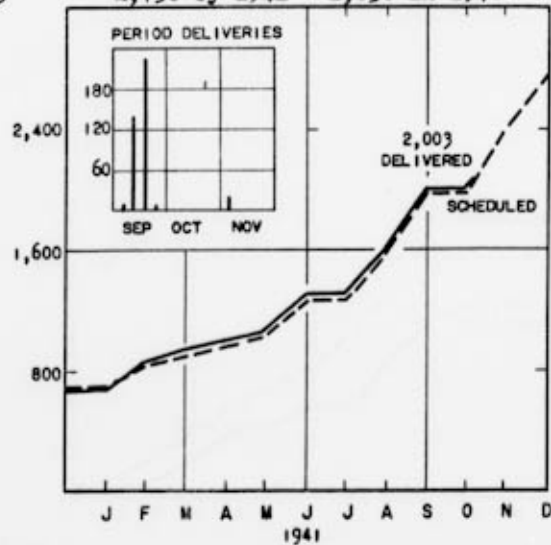
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



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

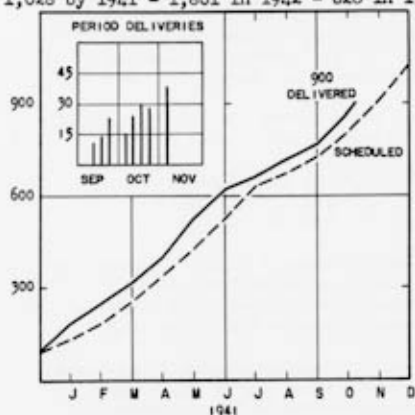


4,566 BASIC TRAINER
2,730 by 1941 - 1,836 in 1942



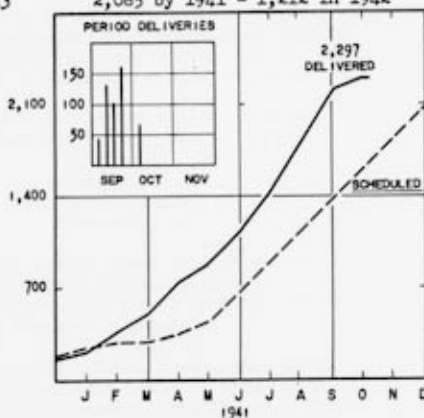
ARMY PROJECT AIRPLANES

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

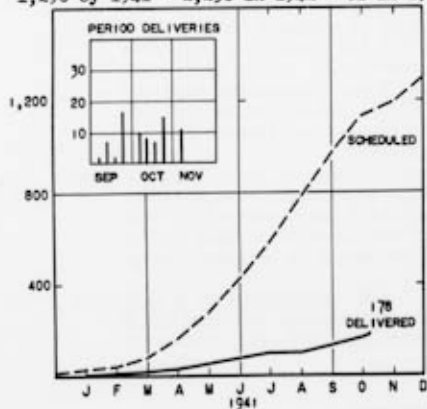


ARMY INSTALLATION ENGINES

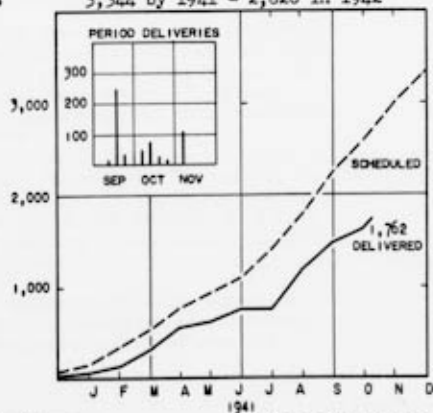
3,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 1,212 in 1942



3,607 ADVANCE TRAINER, 2 ENGINE
1,290 by 1941 - 2,256 in 1942 - 61 in 1943



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



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - November 19, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of October 31, complete delivery has been made on 81 of 132 basic items procured from 1941 funds. The 51 remaining items are 100 percent contracted and an average of 87 percent of their total programs has been procured. All of the 36 Deficiency Appropriation items have been completely contracted and an average of 80 percent has been delivered. Of the combined 1942 programs, 64 percent has been contracted and an average of 9 percent has been delivered.

Contracts: For the period ended October 31, increases in contracted amounts were indicated for thirteen basic items, including:

Coat, wool, serge, o.d.	Raincoat
Comforter, cotton	Shoes, service
Pillow, feather	Trousers, serge

Deliveries: During the quarter-monthly period ended October 31, deliveries were effected on all but 172 of 328 basic items; of these 85 items are completely procured; 14 are on schedule; 57 have no current schedule, and 16 are behind schedule.

Schedules & Delinquencies: Of the 328 basic items, 85 are completely procured; 94 are on or ahead of schedule; 69 have no current schedule; and 80 are behind schedule; however, only 24 are more than 10 percent delinquent.

MOTOR VEHICLES

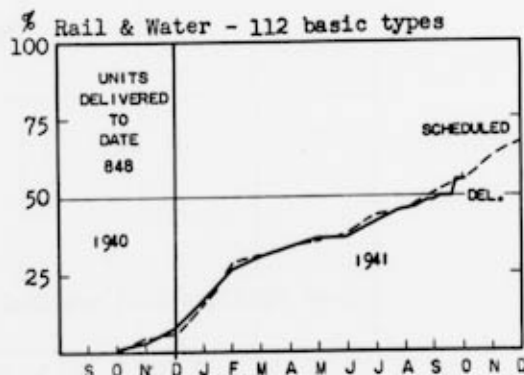
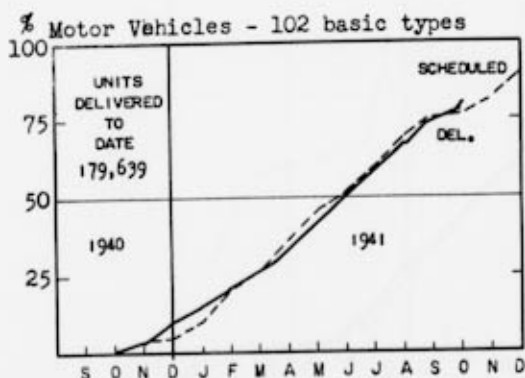
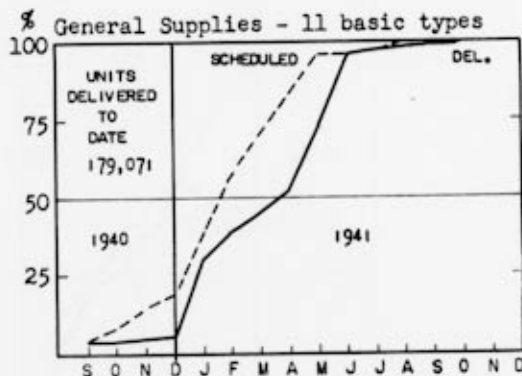
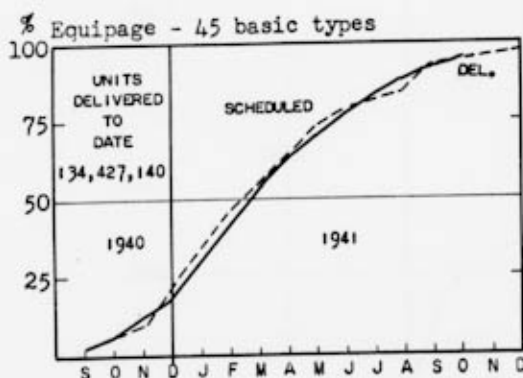
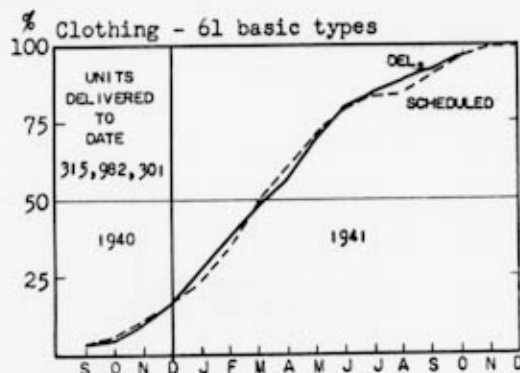
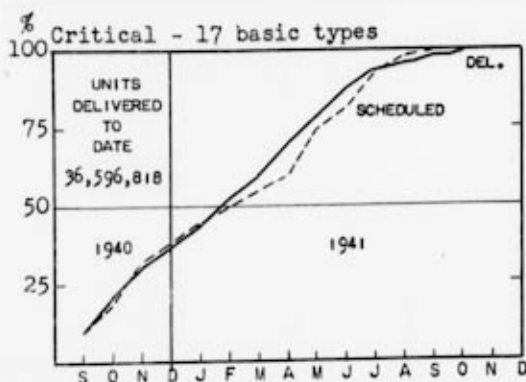
Contracts: As of November 8, contracts have been awarded for 280,805 vehicles, obligating 392 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,536 vehicles has been contracted, and 76 percent delivered. 100 percent (38,269) of the estimated 1942 program has been contracted, of which 1 percent has been delivered.

Deliveries: During the quarter-monthly period ended November 8, deliveries were reported on 4,347 vehicles. This brings cumulative deliveries under 1941 funds to 183,564 vehicles at a cost of 245 million dollars, and the delivery figure under 1942 funds to 422 vehicles at a cost of \$767,442.

Schedules & Delinquencies: Based on estimated delivery schedules, 6,609 vehicles distributed among 15 manufacturers were behind schedule; 4,954 vehicles, however, were delivered ahead of schedule.

STATUS OF Q.M. PROCUREMENT - F. Y. 1941 - OCT. 31, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

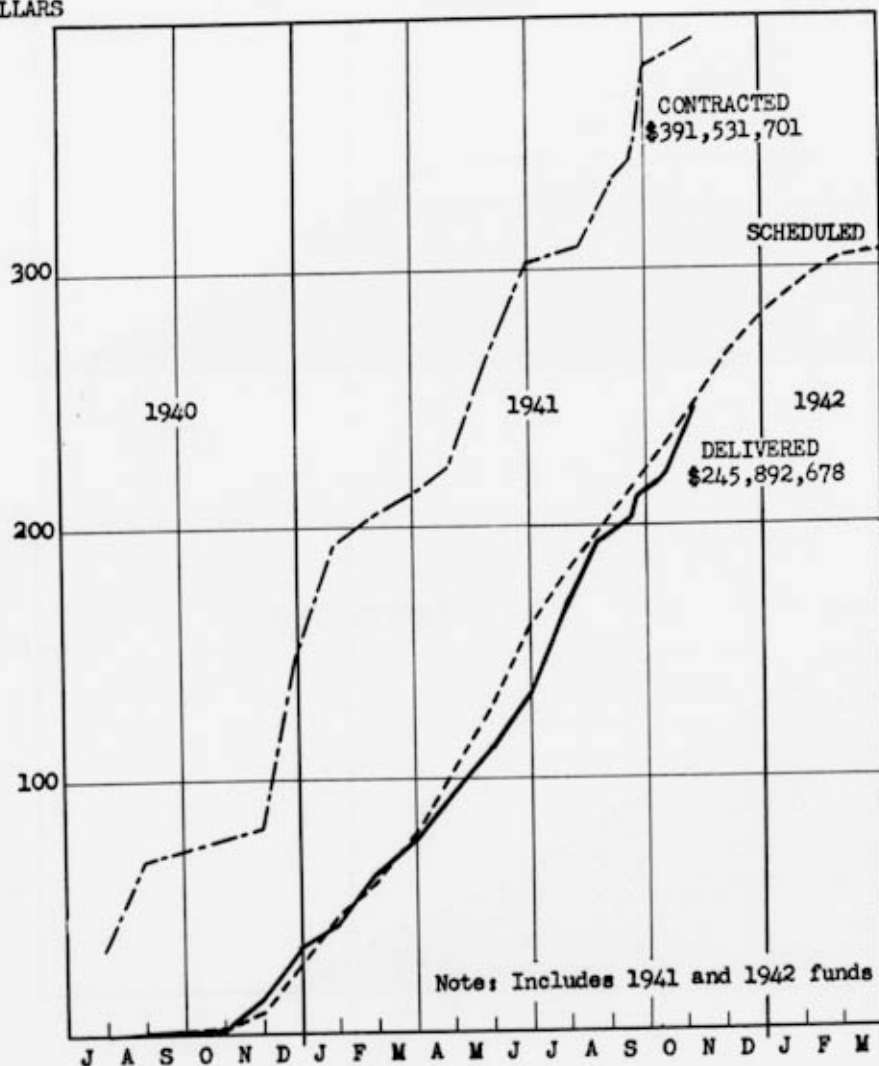
Source of Information: Statistics Branch, Office of the Quartermaster General.



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

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

MILLION
DOLLARS



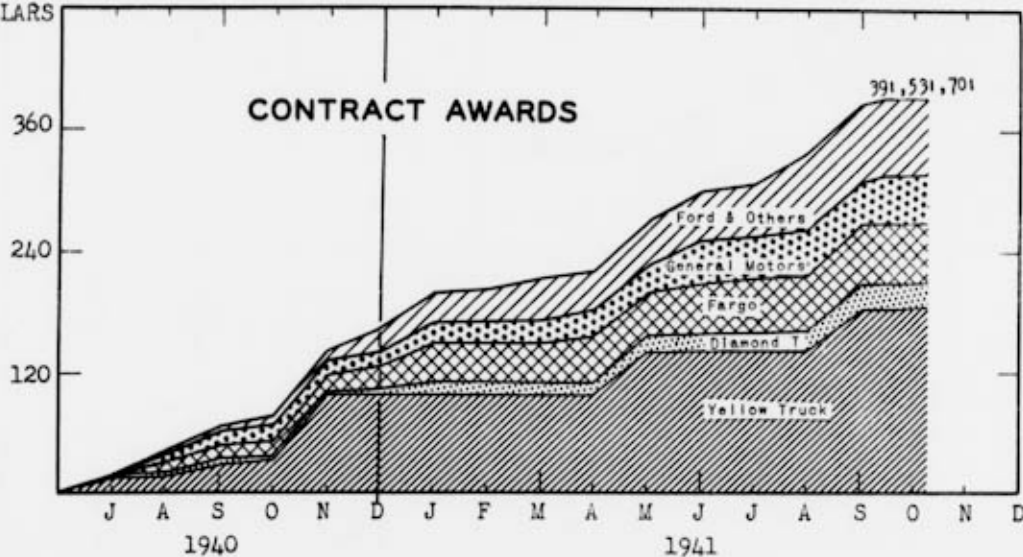
Quartermaster Corps

Statistics Branch
OUSW - 11-22-41

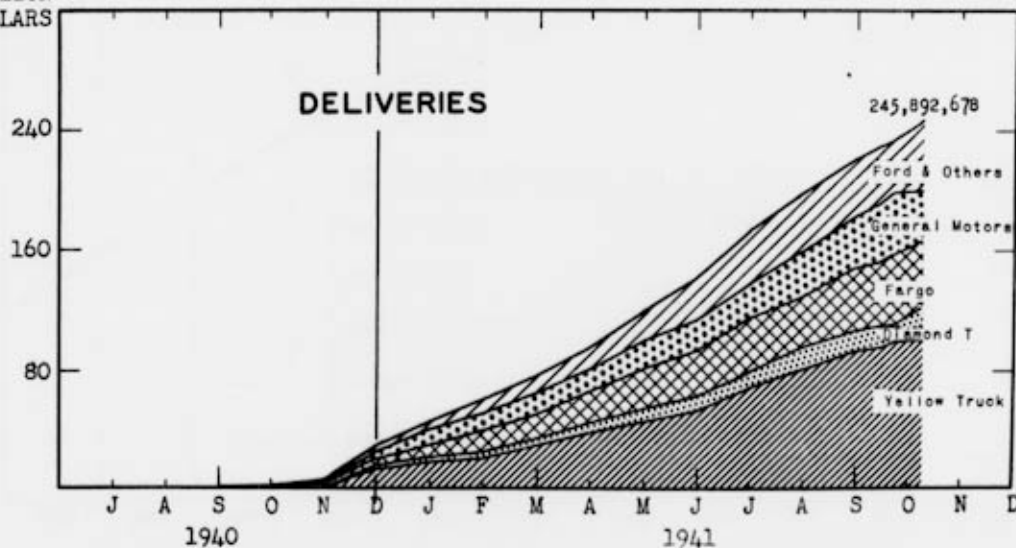
DIAGRAMS - MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F. Y. 1941 and 1942

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

MILLION
DOLLARS



MILLION
DOLLARS

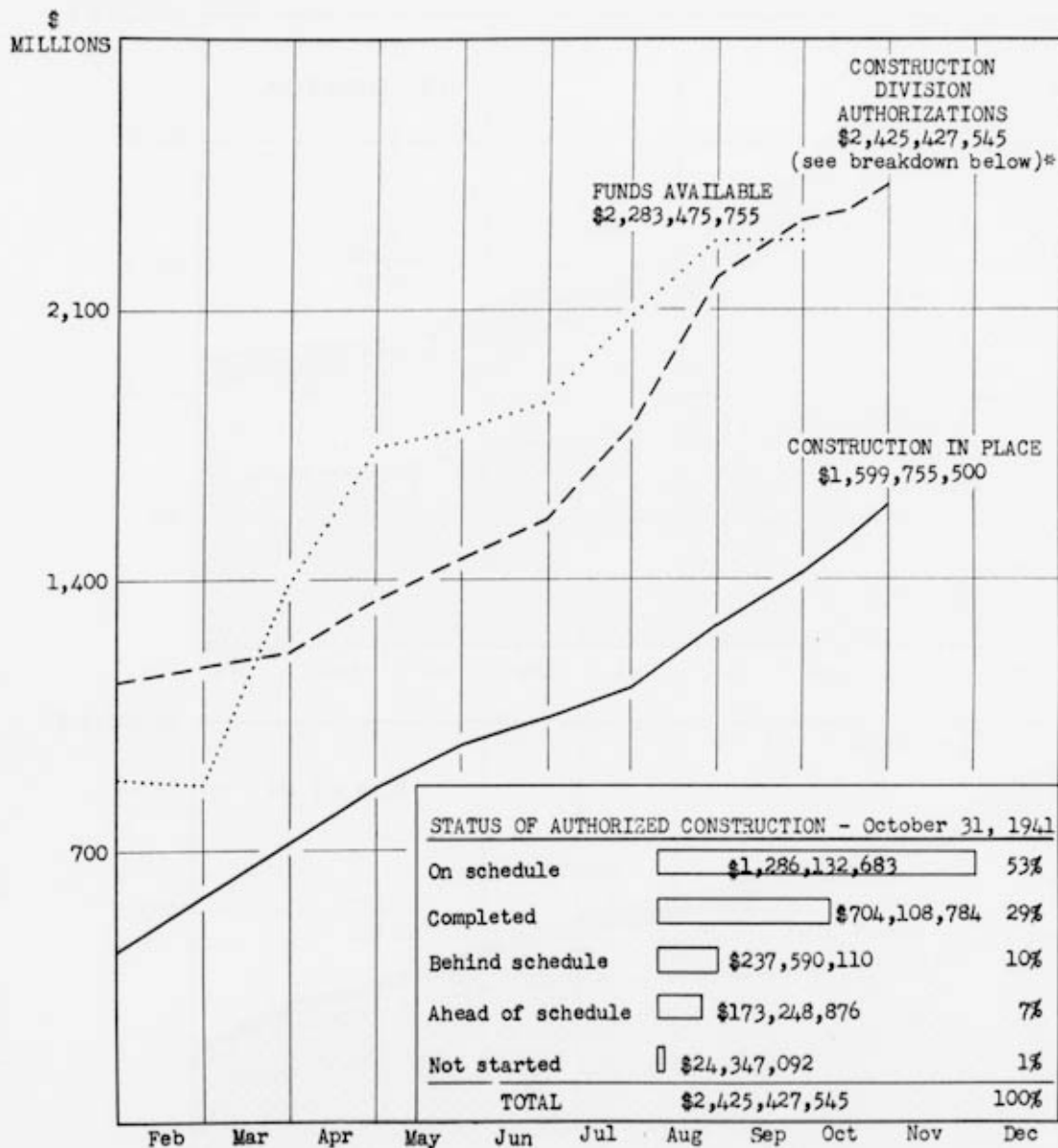


Quartermaster Corps

Statistics Branch
OUSW - 11-22-41

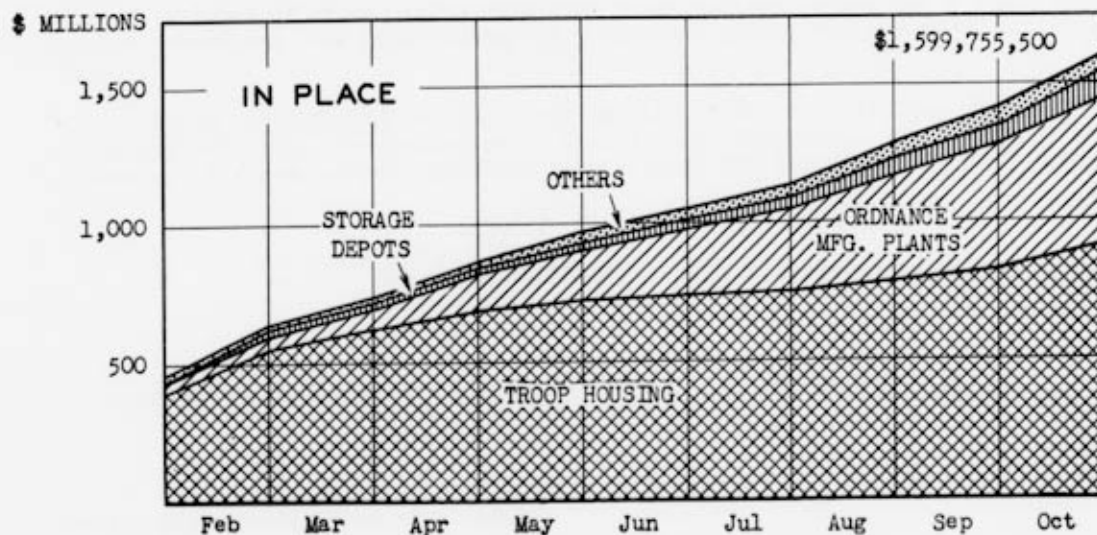
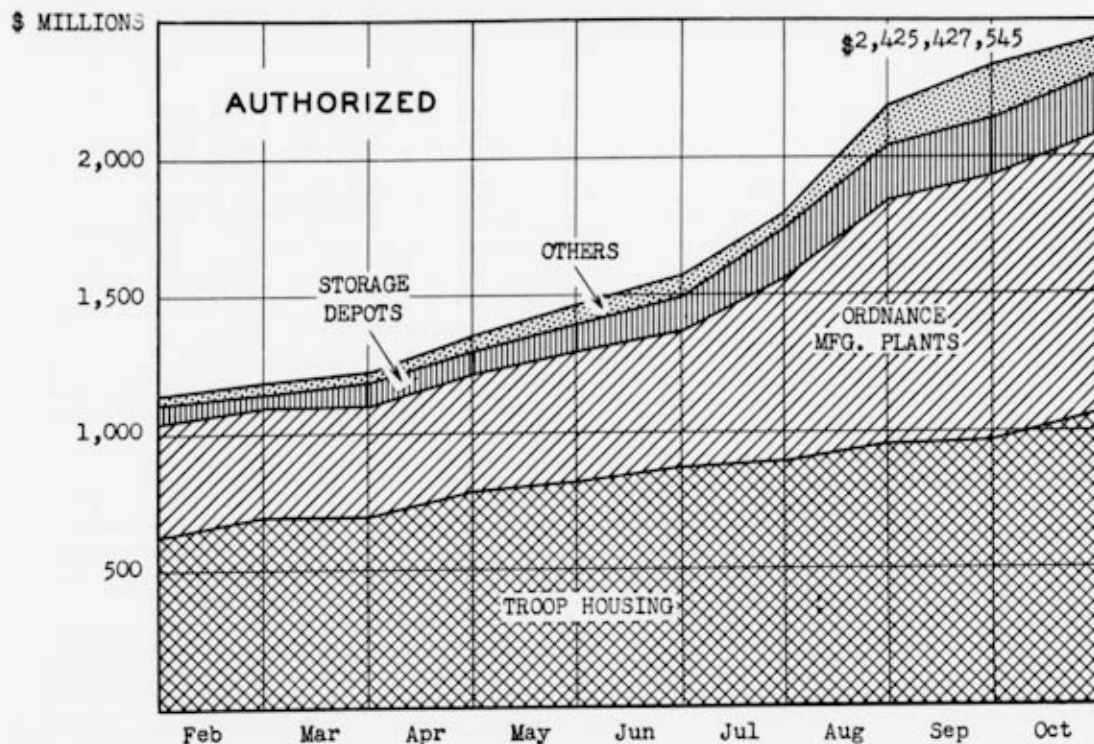
Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - October 31, 1941

Source: Construction Division, Office of the Quartermaster General



DIAGRAMS - STATUS OF QUARTERMASTER CONSTRUCTION - October 31, 1941

Source: Statistics Branch, Office of the Quartermaster General



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - NOVEMBER 15, 1941

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

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

STATUS OF CONTRACTS - All contracts for critical items of ground signal equipment on the F.Y. 1941 procurement program except the contracts for 1500 Radio sets SCR-288 and 20 Instrument Blind Landing Equipment SCR-251 have been awarded. Award of contract for the SCR-288 is expected within the next two or three weeks. Specifications for the SCR-251 have not been completed.

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 \$32,187,000 or 18% of the total amount appropriated have been awarded for the procurement of this equipment.

DELIVERIES - The delivery of ground radio sets, last week, showed a sharp drop to 141 units from 649 units in the previous weekly period. Deliveries were received on 8 types of the 19 types upon which deliveries are due. No further deliveries were received on SCR-293, SCR-294, SCR-194 and SCR-195 which sets are all appreciably behind schedules. Contract for 74 SCR-243 was completed.

Deliveries of ground signal equipment other than radio sets showed further improvement last week. A considerable number of these items remain behind scheduled deliveries, but delinquent quantities have been showing a declining trend in recent weeks.

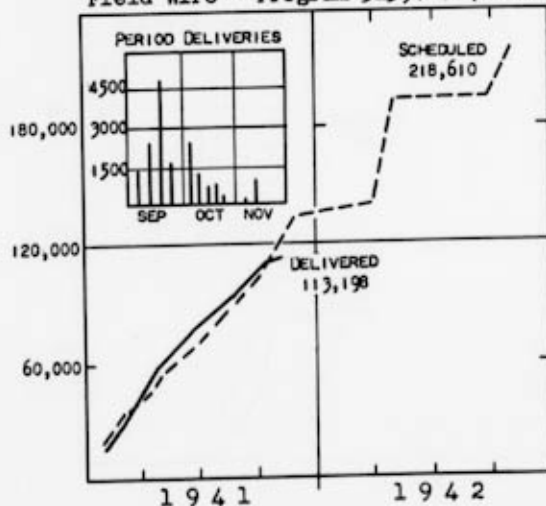
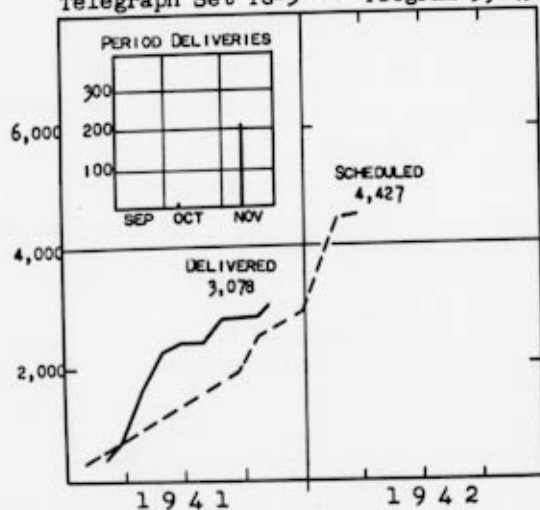
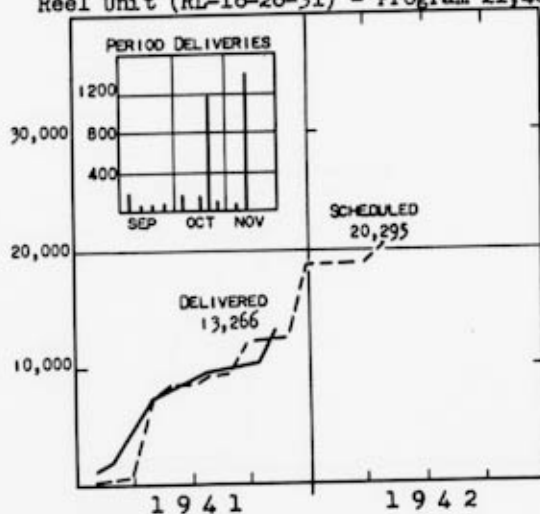
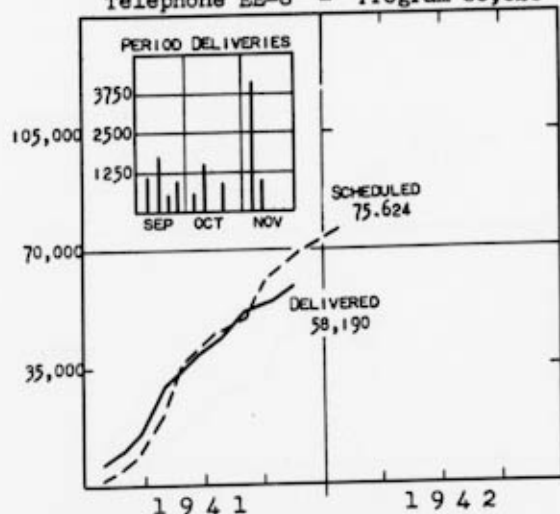
DELINQUENCIES - Deliveries are due on 46 important items of ground signal equipment. A total of 26 or 56.5% of these items are behind scheduled deliveries. Out of 19 types of ground radio sets upon which deliveries are due 9 types are behind schedules. The total number of delinquent ground radio sets of all types is 2134.

LABOR DIFFICULTIES - The Labor Section, OUSW, reports four strikes which are adversely affecting the production of Signal Corps equipment. The companies whose plants are affected and the products manufactured for the Signal Corps follow:

<u>Company</u>	<u>Products</u>
Anaconda Wire & Cable Muskegon, Michigan	Copper wire
Insuline Corp. of America Long Island City, N.Y.	Tool equipment
Luce Manufacturing Company Kansas City, Missouri	Carrying chests
John A. Roebling & Sons Trenton, N.J.	Wire & Cable

The strike at the Petroff Company in New York City, manufacturers of tuning units, has recently been terminated.

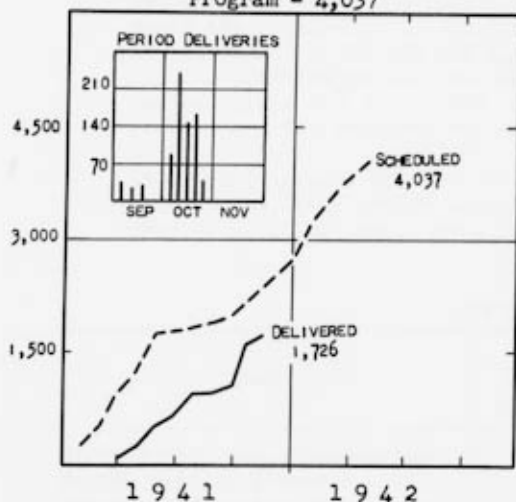
Source of Information: Procurement Division, Office of the Chief Signal Officer



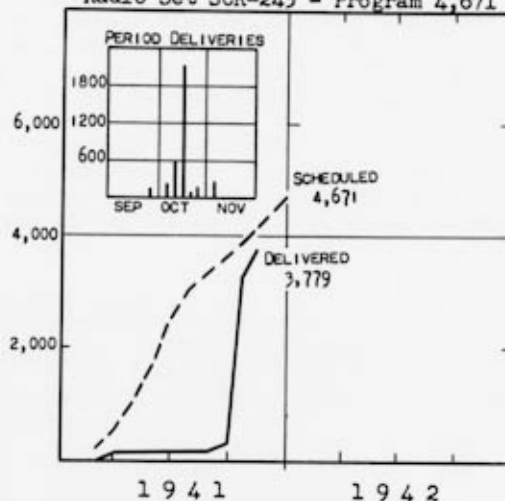
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
NOVEMBER 15, 1941

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

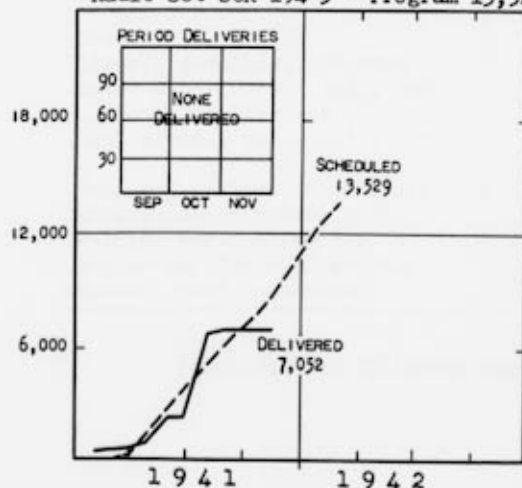
Frequency Meter Set SCR-211
 Program - 4,037



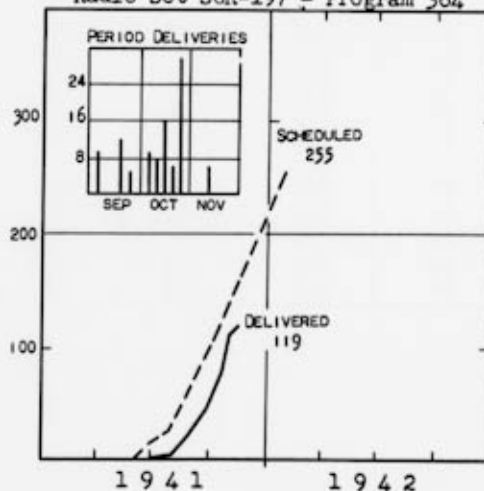
Radio Set SCR-245 - Program 4,671



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



Radio Set SCR-197 - Program 364



TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOVEMBER 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers, and
1st Supplemental Expenditure Program of 1942

The fact that the procurement program of the Corps of Engineers is at a low rate of activity has caused comment. The table below has been prepared to show the present situation in terms of requirements and to bring out how far along the Engineers are in equipping our planned army. Requirements are planned on an "initial" and an "initial plus maintenance" basis for objectives of 1,820,000 and 3,200,000 men. After the initial requirements for the first objective have been met, it becomes increasingly difficult to get materials and priorities to produce the maintenance stocks for this objective and the required stocks for the second objective. It is especially difficult to retain manufacturing facilities when a manufacturer is engaged in serving several branches of the procurement program. The table shows that for 25 items enough materiel has been procured to completely equip an army of 1,820,000 men. This is over one-half of the 46 critical items listed.

STATUS OF SELECTED ITEMS

Item	Requirements		Total on hand Nov 8	Percent on hand	
	Initial 1,820,000	Total 3,200,000		Initial 1,820,000	Total 3,200,000
Stereoscope, mag., lens-prism	41	76	135	329	178
Ponton bridge, 10-ton	41	93	93	227	100
Water purification unit, mtzd.	20	91	45	225	49
Compressor, air, motorized	552	1228	948	172	77
Boat, assault, with paddles	2110	4771	3507	166	74
Footbridge, M-1938	85	186	131	154	70
Shovel, gasoline, 3/8-yard	64	110	94	147	85
Water purification unit, port.	265	570	361	136	63
Hammer, gas-operated	802	1761	1085	135	62
Dup. equip., gel., 22" x 33"	174	400	229	132	57
Trailer, triangulation tower	56	94	74	132	79
Triangulation tower, port.	28	47	37	132	79
Welding and cutting set	150	432	195	130	45
Angledozer for med. tractor	511	1031	655	128	64
Grader, road, motorized	95	200	116	122	58

(Continued on following page)

TABULAR SUMMARY - CORPS OF ENGINEERS--(Continued)

STATUS OF SELECTED ITEMS

Item	Requirements		Total on hand Nov 8	Percent on hand	
	Initial 1,820,000	Total 3,200,000		Initial 1,820,000	Total 3,200,000
Special equip., aviation	14	31	17	121	55
Compass, lensatic (in thous.)	71	142	83	118	59
Searchlight, 60" antiaircraft	1875	4242	2124	113	50
Trailer for medium tractor	556	1265	609	110	48
Electric lighting equip., 5 kw	213	475	223	105	47
Shovel, gasoline, 1/2-yard	69	175	72	104	41
Mixer, concrete	109	276	111	102	40
Map reprod. equip., C.A. Hqs.	9	9	9	100	100
Reprod. equip., litho plat.	3	4	3	100	75
Shovel, gasoline, 3/4-yard	3	5	3	100	60
Auger, earth, motorized	79	146	71	90	49
Bridge, steel, port., H-10	74	145	66	89	46
Searchlight, 18" beach defense	182	182	162	89	89
Camera, copying, mtzd.	14	24	12	86	50
Bridge, port., steel trestle	6	12	5	83	42
Ponton bridge, 25-ton	51	100	41 1/2	81	42
Map reproduction equip., mtzd.	47	71	35	74	49
Electric lighting equip., 3 kva	778	1262	571	73	45
Multiplex projection equipment	3	5	2	67	40
Stereocomparagraph equip. set	135	299	87	64	29
Mobile reproduction train	2	2	1	50	50
Crane, truck-mounted	60	98	29	48	30
Stereoscope, mag., mirror	2058	4000	969	47	24
Theodolite	132	294	39	30	13
Bridge, steel, port., H-20	42	62	10	24	16
Trailer, tilting (for light tractor) and searchlight	4949	8395	1170	24	14
Boat, power, w/trailer	36	62	2	6	3
Dup. equip., gel., 18" x 18"	409	816	0	0	0
Ferry, port., 30-ton	18	28	0	0	0
Saw, timber, gas-motor oper.	820	1715	0	0	0
Searchlight, 24" beach defense	126	126	0	0	0

TEXT SUMMARY - CORPS OF ENGINEERS - AIR CORPS CONSTRUCTION, OCTOBER 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:

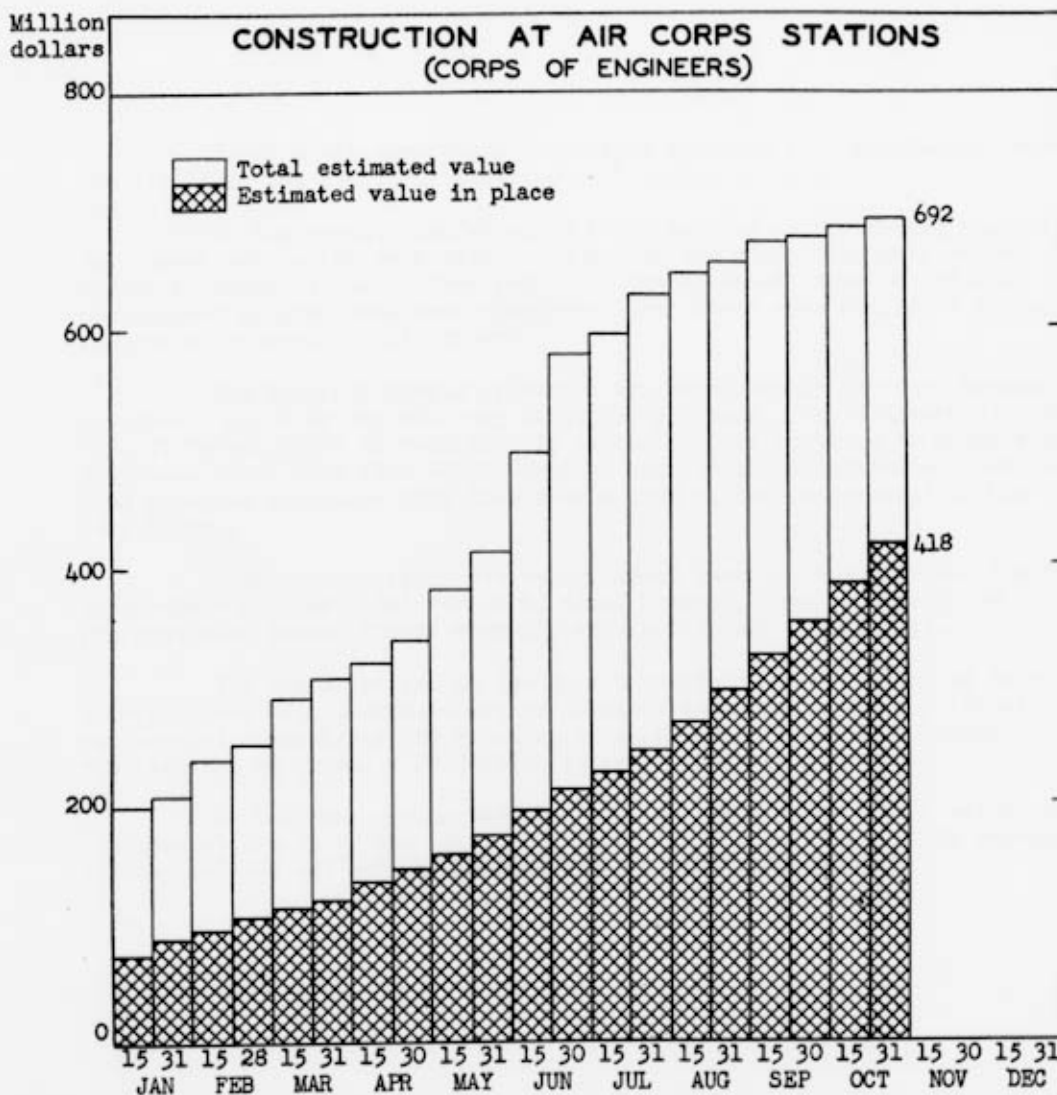
	<u>Oct 15</u>	<u>Oct 30</u>	<u>Increase</u>
Estimated cost (millions)	684	692	8
Work in place (millions)	384	418	34
Troop capacity (men in thous)	350	351	1
Number of projects	133	133	0

The 692 millions of estimated cost and the 418 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	205	177
Observation	12	9	5
 <u>Non-tactical units</u>			
Pilot schools	44	181	87
Technical schools	6	80	69
Air Corps depots	16	114	33
Assembly plants	4	72	34
Replacement centers	2	10	6
Experimental depots	1	12	4
Ferrying command	5	9	3
Total	133	692	418

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - OCTOBER 31, 1941

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



Corps of Engineers