

War: Reports, Weekly Statistical: 12/7/41 - 1/19/42

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WEEKLY STATISTICAL REPORT

No. 26

RELEASED
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DIRECTOR, STATISTICS BRANCH

SUMMARY

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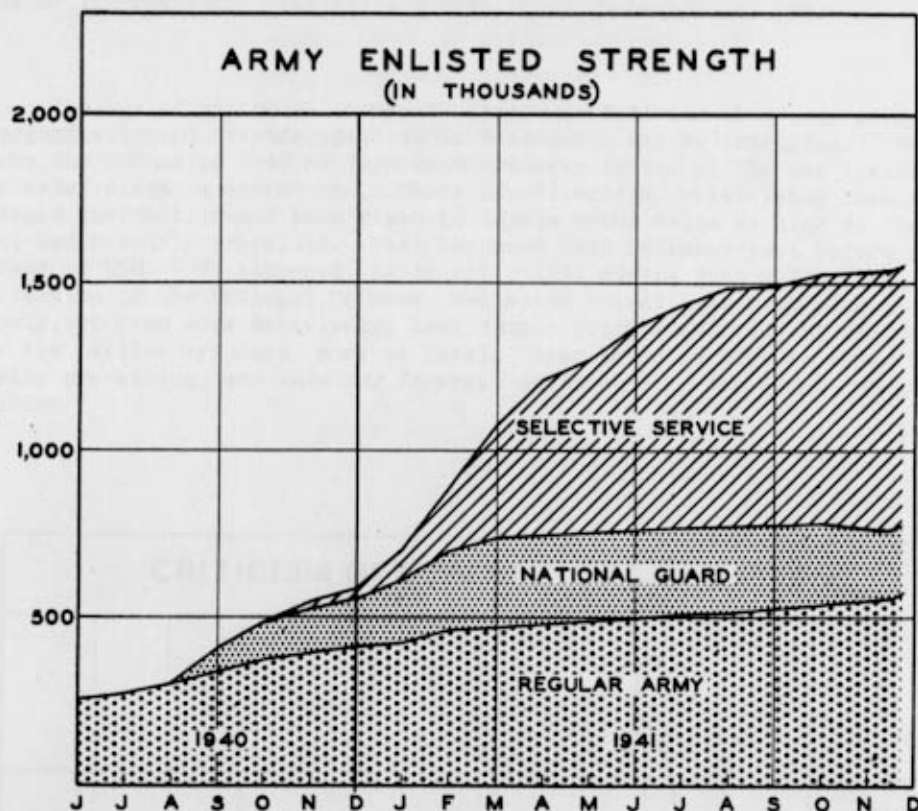
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STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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WEEKLY STATISTICAL SUMMARY
REPORT # 26
DECEMBER 27, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength	1	Text Summary - Q.M. Procurement	29
Editorial Opinion	2	Diagrams:	
Editorial Opinion	3	M.V. Proc. by Types	30
Prices	4	Percentage of Completion ...	31
Appropriations	5	Status of Constr. Projects .	32
		Status of Constr. Projects .	33
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Status of Shipping	6	Text Summary- Signal Corps Proc.	34
Procurement Summary - Ordnance	7	Diagrams: Progress of Deliveries	
Diagram: Bombers - Del. & Schedules.	8	Radio Set - Command, etc....	35
Military Missions	9	Marker Beacon Receiver, etc.	36
<u>ORDNANCE DEPARTMENT</u>		<u>CORPS OF ENGINEERS</u>	
Text Summary	10	Text Summary - Procurement Progress .	37
Equipment: Procurement Summary	11	Diagrams:	
Light Tank, Components ..	12	Air Corps Construction	38
Stocks & Initial Reqmts. .	13	Air Corps Construction	39
Stocks & Total Reqmts. .	14	Air Corps Construction	40
Ammunition: Procurement Summary	15		
Aircr. Bombs-Est.Acc.&Del.	16		
Est. Acceptances & Del. ..	17		
<u>AIR CORPS</u>		<u>MEDICAL DEPARTMENT</u>	
Text Summary	18	Text Summary	41
Diagram: Inventory & Procurement ...	19	Diagrams:	
Tab. Sum. - Current Procurement	20	Delivery Status - 1941 Progr.	42
Diagrams: Airplanes & Engines		Delivery Status-6 Cr. Items.	43
Heavy & Medium Bomber	21	Delivery Status-6 Cr. Items.	44
Light Bomber & Observation .	22		
Pursuit	23		
Pursuit & Transport	24	<u>CHEMICAL WARFARE SERVICE</u>	
Primary & Basic Trainer	25	Text Summary - Production	45
Advance Trainer	26	Diagram: Procurement Progress-Crit. .	46
Tab. Sum. - Plant Production-Bombers.	27	Diagram: Proc. Progress - Essential .	47
Tab. Sum. - Customer Distribution ...	28		



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to December 22, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

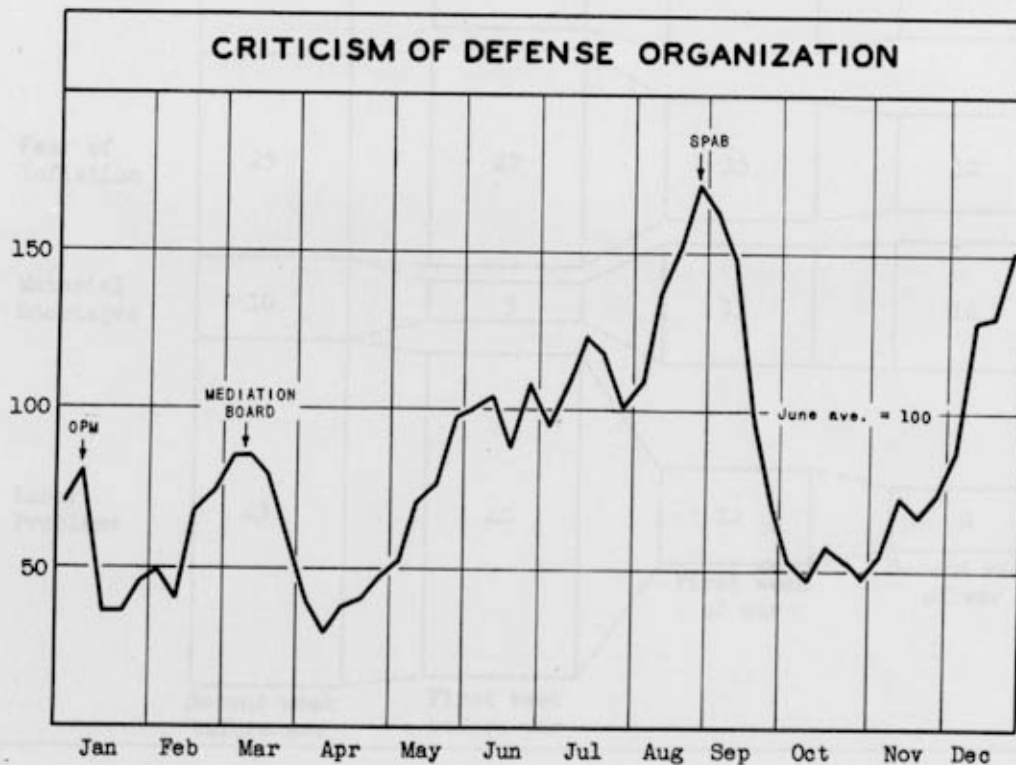
Total		Total		Total	
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,481,197
Sep	407,613	Mar	1,068,030	Sep	1,484,024
Oct	483,218	Apr	1,205,873	Oct	1,526,000
Nov	540,695	May	1,265,211	Nov	1,528,500
Dec	573,520	Jun	1,362,760	Dec 22	1,563,000

Source of Information: Statistics Branch, General Staff, December 23, 1941

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

Source of Information: Statistics Branch, OUSW, December 24, 1941

Tallies of editorial comment appear to indicate that some sort of reorganization of defense agencies in Washington may be impending. Ever since the autumn of 1940 an important reorganization of the new agencies has taken place whenever the numbers of editorials criticizing them for alleged ineffectiveness have risen to levels about twice as high as those that had recently prevailed. That happened last December just before the advent of OPM. It happened again early last spring just before the organization of the National Defense Mediation Board. It took place more slowly, but even more decisively, last summer prior to the advent of SPAB. Now the tallies are once more at levels over twice as high as those recently prevailing, and this may forecast still another important reorganization.

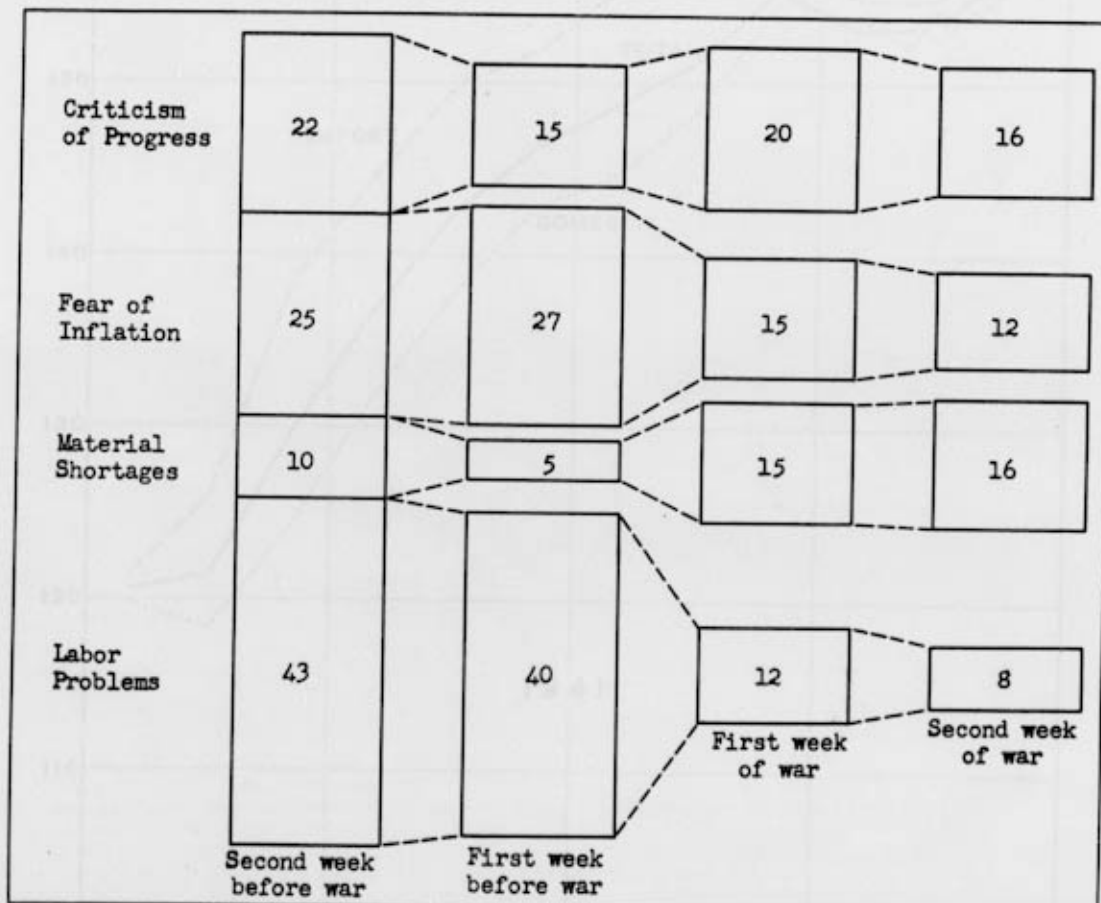


EDITORIAL CONCERN ABOUT OUR MILITARY PROGRESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 24, 1941

The advent of war has greatly altered editorial emphasis in dealing with the different phases of our military effort. The diagram on this page shows as examples a sharp decrease in editorials about labor problems, an increase of concern over shortages of scarce materials, and a marked shrinkage of attention directed toward fears of inflation. Criticism of progress displays no marked trend. It increased immediately after the declaration of war, and has subsequently decreased.

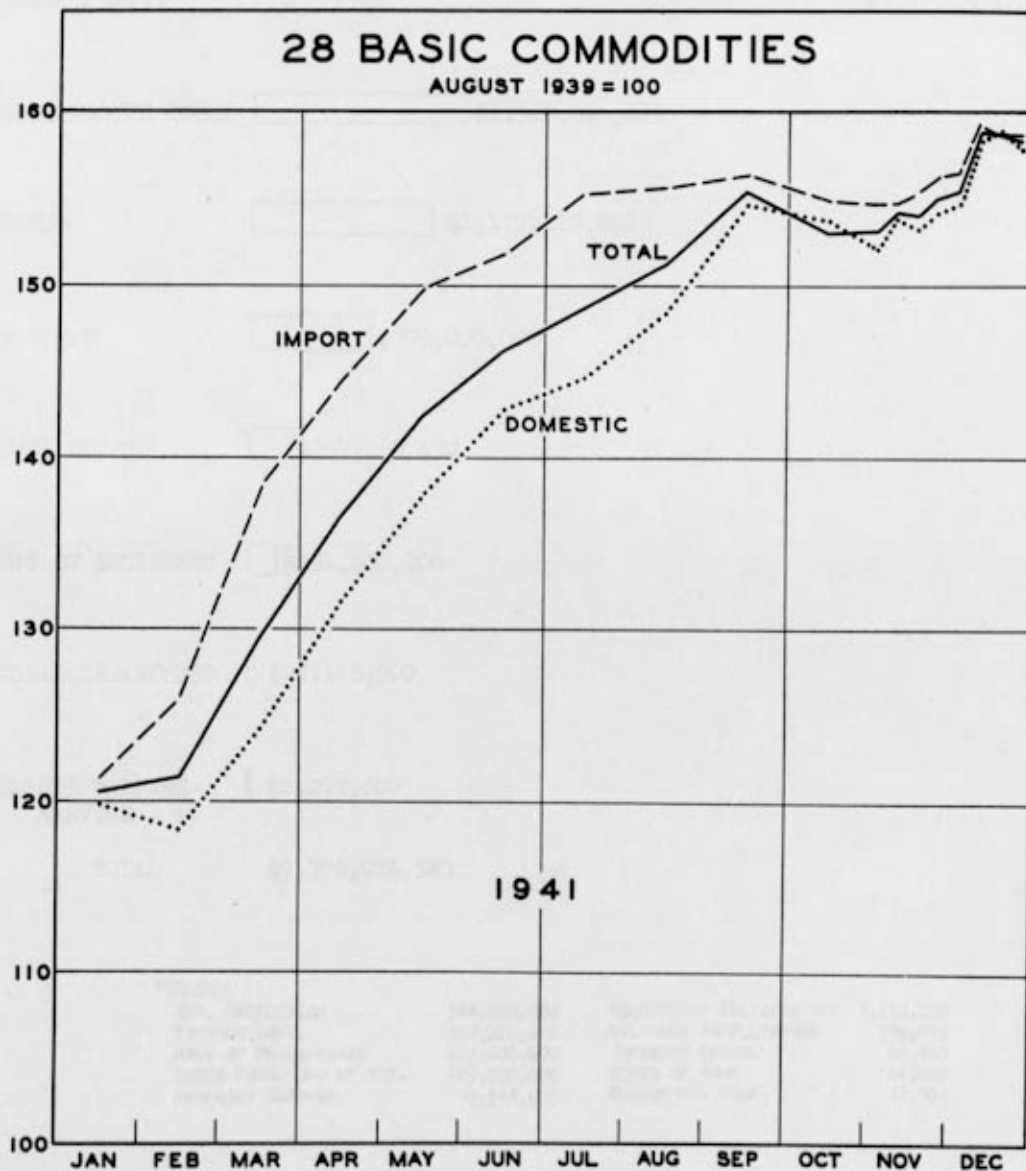
EDITORIAL TALLIES ON FOUR DEFENSE TOPICS IN TWO WEEKS BEFORE OUTBREAK OF WAR AND IN TWO WEEKS AFTER DECLARATION. Tallies in the first week are taken as equal to 100, and all the rest are in ratios of that same base.



WHOLESALE PRICES

During the week following the Japanese attack on the United States, wholesale prices of 28 basic commodities rose to the highest peak since the outbreak of war in 1939. By December 22, imported commodities were 59 percent above the pre-war level while domestic commodities have risen 58 percent.

Source of Information: Bureau of Labor Statistics



THIRD SUPPLEMENTAL NATIONAL DEFENSE APPROPRIATION ACT, 1942

Source of Information: Public Law 353 (approved December 17, 1941)

AMOUNTS APPROPRIATED TO SERVICES

ORDNANCE DEPT. \$3,719,883,246

QUARTERMASTER CORPS \$1,340,024,085

OTHERS* \$1,117,118,800

AIR CORPS \$779,000,000

SIGNAL CORPS \$257,160,452

CORPS OF ENGINEERS \$131,400,000

MEDICAL DEPARTMENT \$25,168,000

CHEMICAL WARFARE SERVICE \$6,272,000

TOTAL \$7,376,026,583

*OTHERS:

EXP. PRODUCTION	388,000,000
FINANCE DEPT.	324,000,000
ARMY OF PHILIPPINES	269,000,000
CONTS FUND, CH. OF STF.	125,000,000
SEACOAST DEFENSE	9,564,000

WELFARE OF ENLISTED MEN	1,210,000
MILITARY INTELLIGENCE	299,000
INFANTRY SCHOOL	69,000
CONTS OF ARMY	24,808
CLAIMS FOR PROP.	12,000

is negligent. The following tabulation shows the quantities of certain Ordnance items which have been shipped and the quantities on hand awaiting shipment. The tabulation does not include any items on hand awaiting shipment for which shipping instructions have been issued.

Item	Quantity Shipped	Quantity on Hand Awaiting Shipment Shipping Instructions Not Issued
<u>Artillery</u>		
Gun, 20 mm, A.C.	24	126
Gun, 37 mm, A.T.	30	391
Gun, 37 mm, tank	869	241
Gun, 75 mm, tank	66	170
Gun, 90 mm, A.A.	0	4
Howitzer, 75 mm, field	28	49
Mortar, 60 mm	8	200
Mortar, 81 mm	0	4
<u>Automotive</u>		
Tank, light, M3 (less armament)	869	107
Tank, medium, M3 (less armament)	66	170
<u>Small Arms</u>		
Rifle, cal. 30, M1	15,000	15,000
Rifle, cal. 30, M1903	0	45,000
M.G., cal. 30, M1919A4	6,581	1,361
Mount, tripod, M2	477	2,322
M.G., cal. 30, A.C.	689	3,374
M.G., cal. 50, A.C.	2,712	170
Submachine gun, cal.45	113,551	93,918
Pistol, cal. 45	1,041	2,671
<u>Misc. Fire Control</u>		
Circle, aiming, M1	68	460
Corrector, sound ranging	0	16
Director M4 or M7	0	20
Finder, height, M1 & M2	1	13
Finder, range, 1m base	17	5
Instrument, observation	11	13
Tester, stereoscopic	0	50
Trainer, stereoscopic	0	3

DEFENSE AID - PROCUREMENT SUMMARY - ORDNANCE - NOVEMBER 30, 1941

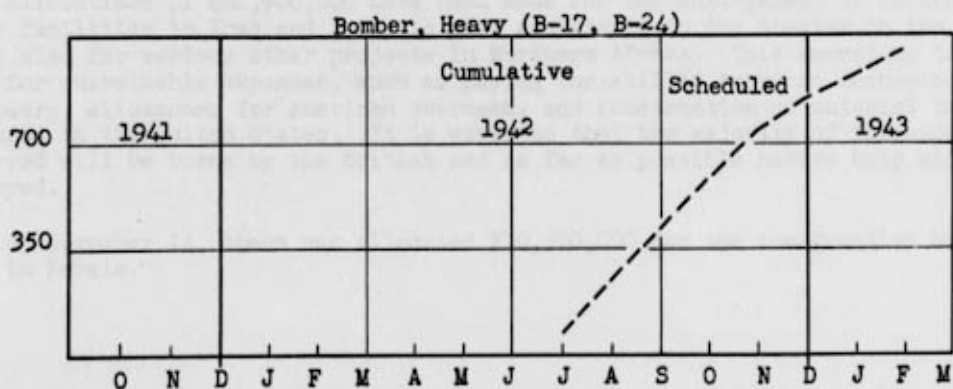
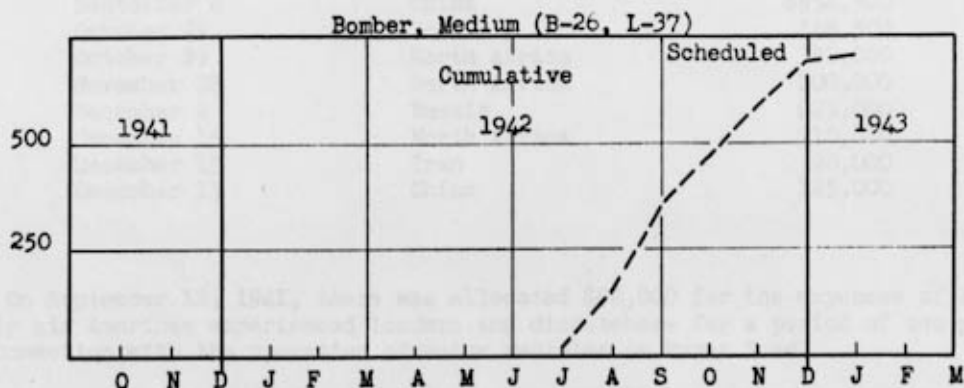
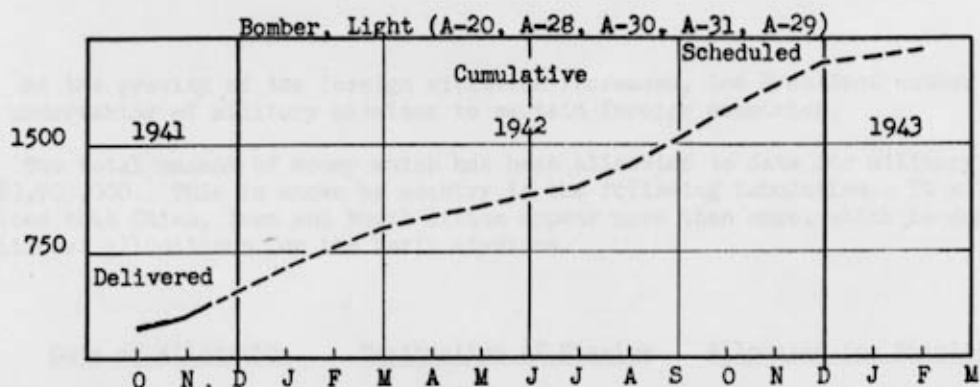
Source of Information: Ordnance Department

Item	Defense Aid Program*	Per Cent of Program			
		Contracted	Scheduled	Delivered	Transferred
<u>Guns</u>					
Gun, 3.7" A.A.	600	100	0	0	0
Gun, 6 pdr., MK II & III	4,500	100	67	0	0
<u>Adapters</u>					
75 mm caisson	289	100	100	100	28
75 mm gun	75	100	100	53	0
18 pdr. MK II carriage	94	100	100	0	0
18 pdr. MK II trailer	120	100	100	0	0
4.5" howitzer	19	100	100	100	0
6" howitzer	14	100	100	0	0
<u>Automotive</u>					
Carrier, universal	3,400	100	100	0	0
Tank, light, M-H	240	100	100	0	0
<u>Rifles</u>					
Cal. 30, M1903	13,400	100	100	0	0
Cal. 303	550,000	100	100	0	0
Cal. 55, A.T.	25,000	100	100	0	0
<u>Revolvers</u>					
Cal. 38/200	104,500	49	49	15	0
<u>Miscellaneous</u>					
Binoculars, M5	16,000	100	100	0	0
Director, M3A3	580	100	100	0	0
Director, M6	1,500	100	0	0	0
Post, aiming, M1	2,210	100	100	0	0
Setter, fuze, 3.7" gun	690	100	0	0	0

* This program refers only to Lease-Lend appropriations.

DEFENSE AID - BOMBERS - DELIVERIES AND SCHEDULES* - NOVEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



* The schedules are Manufacturers' Estimates

DEFENSE AID - MILITARY MISSIONS - DECEMBER 15, 1941

Source of Information: Office of Lease-Lend Administration

As the gravity of the foreign situation increased, the President authorized the undertaking of military missions to certain foreign countries.

The total amount of money which has been allocated to date for military missions is \$2,903,000. This is shown by country in the following tabulation. It will be noticed that China, Iran and North Africa appear more than once, which is due to additional allocations for the basic missions.

<u>Date of Allocation</u>	<u>Destination of Mission</u>	<u>Allocated for Mission</u>
September 4	China	\$554,500
October 29	Iran	448,500
October 29	North Africa	750,000
November 28	North Africa	100,000
December 2	Russia	625,000
December 15	North Africa	210,000
December 15	Iran	90,000
December 15	China	125,000

On September 12, 1941, there was allocated \$80,000 for the expenses of approximately six American experienced loaders and dispatchers for a period of two years, in connection with the operation of motor vehicles on Burma Road.

Allocations of \$61,900,000 have been made for the enlargement of railroads and other facilities in Iraq and Iran, to give assistance to the theater on the Persian Gulf; also for various other projects in Northern Africa. This amount is to be used only for unavoidable expenses, such as paying for skilled American mechanics and engineers, allowances for American overhead, and construction of material to be procured in the United States. It is expected that the majority of the expenses incurred will be borne by the British and as far as possible native help will be employed.

On November 14, there was allocated \$10,500,000 for the construction of a pipe line in Persia.

TEXT SUMMARY - ORDNANCE DEPARTMENT - DECEMBER 27, 1941

Source of Information: Ordnance Department and OUSW

THIRD SUPPLEMENTAL AUTHORIZATIONS

The additional quantities of equipment and ammunition items authorized for procurement in the expenditure program pertaining to the Third Supplemental National Defense Appropriation, Fiscal Year, 1942 have been added to the figures showing the total procurement authorized on pages 11 and 15.

The percentages of the total authorization shown on those pages, represent the proportions of the entire program, which were reported to have been under contract, scheduled, and due on November 30, 1941. Preliminary figures for cumulative acceptances through December 15 are likewise shown.

Since the Third Supplemental Appropriation approximately doubled the quantity of many equipment and ammunition items authorized to be procured, many of the percentages, which are listed above and whose purpose is to show the progress of procurement, have decreased sharply below percentages in previous weekly reports.

TANK, LIGHT, M3

Comparison of actual and scheduled production of the principal components is shown in the diagram on page 12. The hull is the limiting component.

DEMOLITION BOMBS

Current stocks and requirements, as well as scheduled monthly acceptances and monthly requirements are shown in the diagrams on pages 16 and 17. Nose fuzes and TNT are two of the most critical components of this type of bomb.

EQUIPMENT PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

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

Item	Total procurement authorized*	Preliminary acceptances thru Dec 15	Percent of total authorization			
			Con-tracted	Sched-uled	Due	Accepted Dec 15
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,553	12,476	97	97	13	13
Machine gun, cal.50	221,314	37,951	94	94	16	17
Gun, 20mm, automatic	79,663	632	60	60	1	.8
Gun, 37mm, automatic	5,907	268	49	49	3	5
<u>Combat Vehicles</u>						
Tank, light	11,885	2,697	50	50	21	23
Tank, medium	27,791*	1,181	45	38	4	4
Tank, heavy	600	0	17	2	0	0
Scout car	8,440	2,730	41	41	32	32
Personnel carrier, 8-man	6,691	3,275	87	87	49	49
Personnel carrier, 13-man	6,157	1,614	90	90	22	26
Submachine gun, cal.45	852,243	185,916	40	40	21	22
Gun, 37mm tank	34,113*	4,261	50	50	14	12
Gun, 75mm tank	25,064*	698	39	25	2	3
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,284	107	53	30	2	2
Gun, 40mm	8,236	0	51	27	0	0
Gun, 37mm	3,195	502	100	100	16	16
Machine gun, cal.50 (W.C.)	37,802	3,206	70	70	8	8
<u>Artillery</u>						
Howitzer, 75mm	1,318	349	100	76	22	26
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,297	479	100	91	7	11
Gun, 4.5" AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	34	100	100	8	7
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	951	100	71	71	72
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,326	100	91	82	84
Carriage, 155mm gun	853	291	100	100	33	34
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,332,069	361,775	93	93	25	27
Machine gun, cal.30 (Var.)	284,829a	55,190a	56a	56a	21a	19a
Machine gun, cal.50 (H.B.)	65,999a	2,805a	48a	48a	7a	4a
Gun, 37mm antitank	12,388	2,127	79	77	14	17
Mortar, 60mm	11,162	6,689	100	100	56	60
Mortar, 81mm	6,705	2,478	70	67	34	37

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

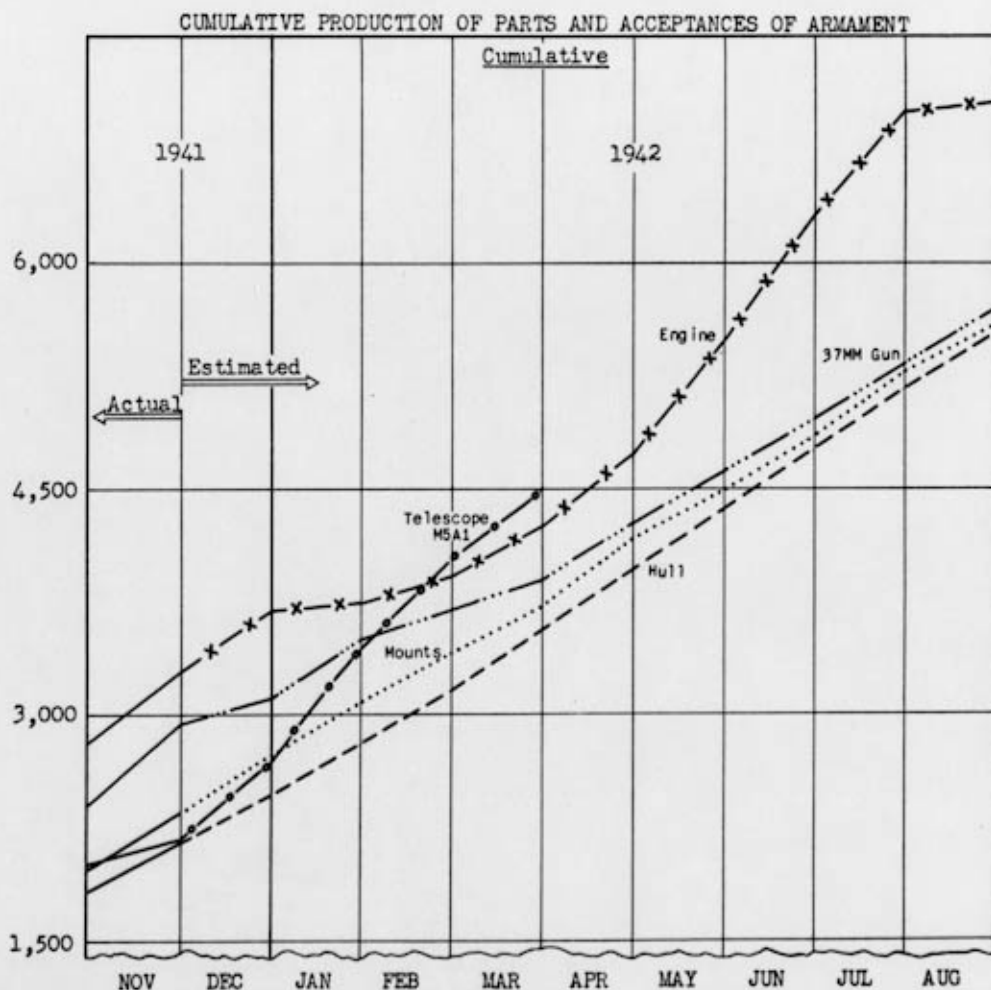
a Figures include armament for combat vehicles.

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

Source of Information: Industrial Service, Ordnance Department and OUSW

Production of the basic component, the hull, into which the other parts are assembled, corresponds with acceptances of complete light tanks, M3 (after test running, but without armament). A periscope, now under development, will be used on those tanks not covered by telescope schedule.

The Third Supplemental National Defense Appropriation Act, 1942 has authorized the purchase of 6,000 light tanks in addition to the former program of 5,520. The present United States monthly output of light tanks by American Car and Foundry will be almost doubled when the new facility, Cadillac, of General Motors reaches total estimated output.



EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 15, 1941

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

Item	Initial requirements 1,820,000 men	Stocks in hands of Field Service	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	33,946	14,002	41					
Machine gun, cal.50,fix.&fl.	60,531	20,385	34					
Gun, 20mm, automatic	1,413	1	.1					
Gun, 37mm, automatic	2,021	126	6					
<u>Combat Vehicles</u>								
Tank, light	2,389	1,084 b	45					
Tank, medium	1,046	446 c	43					
Scout car	2,083	2,350 d	113					
Personnel carrier, 8-man	3,413	2,862	84					
Personnel carrier, 13-man	4,517	1,179	26					
Machine gun, cal.30 (var.)	30,674 a	a	-					
Machine gun, cal.50 (H.B.)	5,734 a	a	-					
Submachine gun, cal.45	26,705	28,283	106					
Gun, 37mm, tank	3,427	1,214	35					
Gun, 75mm, tank	1,020	239	23					
<u>Antiaircraft</u>								
Gun, 3" }	1,177	566 }	54					
Gun, 90mm }		72 }						
Gun, 37mm	2,552	472	18					
Machine gun, cal.50 (W.C.)	17,065	1,185	7					
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	938	112					
Howitzer, 75mm, field & pack	189	219	116					
Howitzer, 105mm	2,457	252	10					
Gun, 155mm	95	17	18					
Gun, 155mm (H.S.)	587	186	32					
Howitzer, 155mm (H.S.)	739	1,219	165					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,383	-					
Gun, 155mm	-	783	-					
Howitzer, 155mm	-	582	-					
<u>Infantry Armament</u>								
Rifle, Cal.30, M1, semiauto.	838,601	325,363	39					
Machine gun, cal.30 (var.)	49,737	50,593	102					
Machine gun, cal.50 (H.B.)	14,737	2,501	17					
Gun, 37mm, antitank	4,892	1,801	37					
Mortar, 60mm	4,747	6,348	134					
Mortar, 81mm	2,340	2,207	94					

a Included in Infantry Armament.

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

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 15, 1941

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

Item	Total requirements 3,200,000 men	Stocks in hands of Field Service	Percent of requirements %	Percent of requirements								
				0	20	40	60	80	100			
<u>Aircraft Armament</u>												
Machine gun, cal.30,fix.&fl.	44,269	14,002	32									
Machine gun, cal.50,fix.&fl.	132,534	20,385	15									
Gun, 20mm, automatic	4,253	1	.02									
Gun, 37mm, automatic	2,883	126	4									
<u>Combat Vehicles</u>												
Tank, light	4,946	1,084 b	22									
Tank, medium	2,827	446 c	16									
Scout car	4,299	2,350 d	55									
Personnel carrier, 8-man	7,896	2,862	36									
Personnel carrier, 13-man	8,647	1,179	14									
Machine gun, cal.30 (var.)	69,049 a	a	-									
Machine gun, cal.50 (H.B.)	13,398 a	a	-									
Submachine gun, cal.45	56,233	28,283	50									
Gun, 37mm, tank	7,878	1,214	15									
Gun, 75mm, tank	2,797	239	9									
<u>Antiaircraft</u>												
Gun, 3" }	1,856	566 }	34									
Gun, 90mm }		72 }										
Gun, 37mm	3,055	472	15									
Machine gun, cal.50 (W.C.)	22,966	1,185	5									
<u>Artillery</u>												
Gun, 75mm (H.S.)	1,778	938	53									
Howitzer, 75mm, field & pack	226	219	97									
Howitzer, 105mm	3,733	252	7									
Gun, 155mm	283	17	6									
Gun, 155mm (H.S.)	969	186	19									
Howitzer, 155mm (H.S.)	1,037	1,219	118									
<u>Unmodified & other models</u>												
Gun, 75mm	-	2,383	-									
Gun, 155mm	-	783	-									
Howitzer, 155mm	-	582	-									
<u>Infantry Armament</u>												
Rifle, cal.30, M1, semiauto.	1,539,512	325,363	21									
Machine gun, cal.30 (var.)	107,943	50,593	47									
Machine gun, cal.50 (H.B.)	32,146	2,501	8									
Gun, 37mm, antitank	9,523	1,801	19									
Mortar, 60mm	7,927	6,348	80									
Mortar, 81mm	4,566	2,207	48									

a Included in Infantry Armament.

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

AMMUNITION PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

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

Item	Total procurement authorized (THOUSANDS)	Preliminary acceptances thru Dec 15 (THOUSANDS)	Percent of total authorization		
			Scheduled thru Dec '42	Due	Accepted Dec 15
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20#	2,047	451	83	19	22
Bomb, demo., 100#, 300#, 500#	1,698	205	98	11	12
Bomb, demo., 1000#	524	2	19	-	-
Bomb, chem., 30#, 100#	603	211	100	31	35
Cartridge, 20mm	133,686	5,409	100	3	4
Shell, H.E., 37mm	2,098	596	98	27	28
Flares	902	236	87	30	26
Signals	2,789	1,104	100	39	40
<u>Antiaircraft</u>					
Shell, 37mm, H.E.	17,695	706	76	4	4
Shell, 40mm, H.E.	13,108	0	49	1	0
Shell, 3", H.E.	2,269	467	82	14	21
Shell, 90mm, H.E.	4,257	19	73	-	-
Shell, 105mm, H.E.	12	0	100	0	0
Shell, 4.7", H.E.	200	0	15	0	0
<u>Artillery</u>					
Shell, H.E., s c, 75mm gun	2,285	440	100	14	19
Shell, g & s, 75mm gun	1,108	85	55	4	8
Shot, A.P., 75mm gun	12,588	0	5	0	0
Shell, H.E., 75mm how.	4,927	273	99	5	6
Shell, H.E., 105mm how.	19,710	81	72	-	-
Shell, H.E., 155mm gun	1,360	2	92	-	-
Charge, prop., 155mm gun	2,248	253	86	11	11
Shell, H.E., 155mm how.	6,136	106	77	1	2
Shell, g & s, 155mm how.	1,634	6	27	0	-
Charge, prop., 155mm how.	8,851	843	88	10	10
Primer, 21 gr.	12,136	299	76	2	2
Fuzes (all)	14,315	3,254	93	22	23
<u>Infantry</u>					
Cartridge, cal.30	8,655,284	744,207	88	8	9
Links, met. belt, cal.30	1,025,225	157,003	97	14	15
Cartridge, cal.45	1,302,157	261,059	45	20	20
Cartridge, cal.50	2,609,884	80,550	81	3	3
Links, met. belt, cal.50	3,082,433	144,923	99	4	5
Shot & shell, 37mm	44,861	618	54	1	1
Shell, H.E., 60mm	11,310	196	100	-	2
Shell, H.E., 81mm	5,681	170	97	4	3
Shell, smoke, 81mm	456	0	100	0	0
Grenade, H.E., frag.	8,749	921	39	9	11
Signals, ground & light	6,804	1,233	71	17	18
Mine, antitank	3,146	0	94	0	0

* Unfilled.

φ Unfuzed.

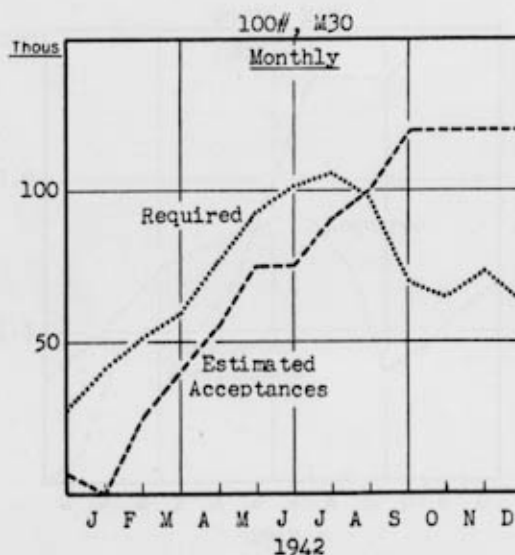
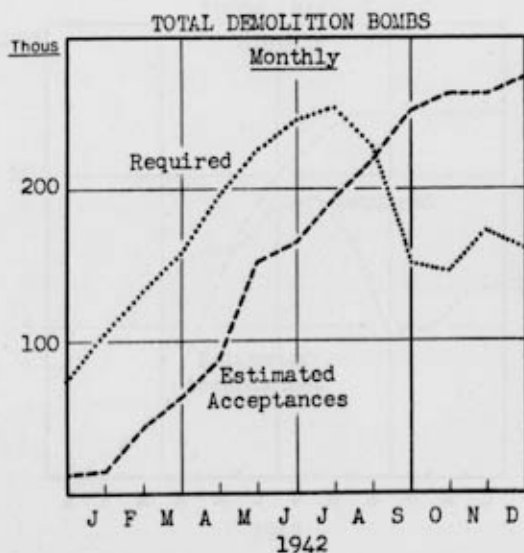
AIRCRAFT BOMBS - ESTIMATED ACCEPTANCES AND REQUIREMENTS - NOVEMBER 30, 1941

Source of Information: Ammunition Division, Ordnance Department; G-4 and OUSW

Severe deficiencies exist in all types of demolition bombs below requirements, which are based on plane schedules as of October 27, 1941. Stocks on hand in the Army on December 1, 1941 and estimated monthly acceptances, until after the middle of 1942, are far below the corresponding requirements. The Nose Fuze, M103, required in all demolition bombs will limit use of the bombs until the end of January, 1942.

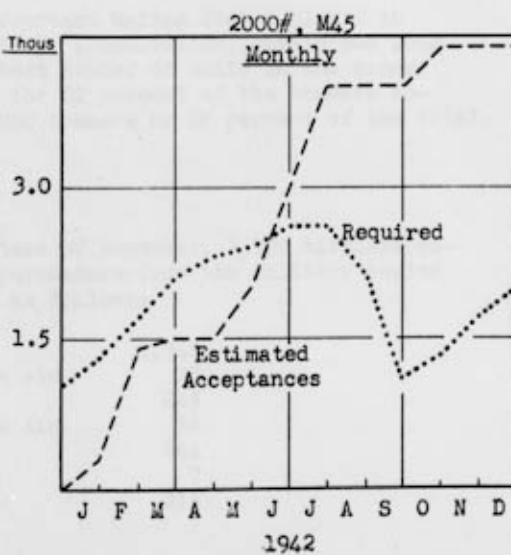
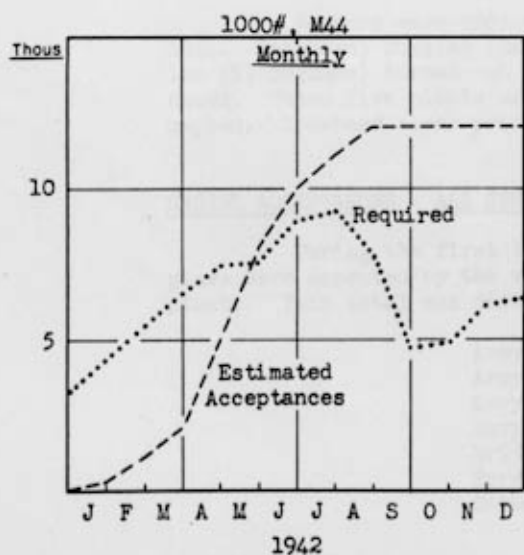
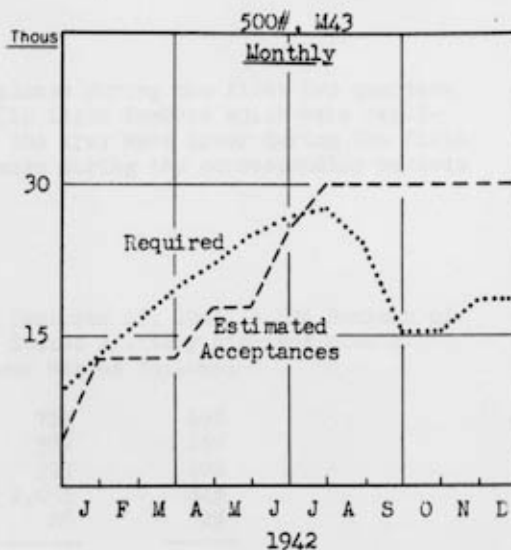
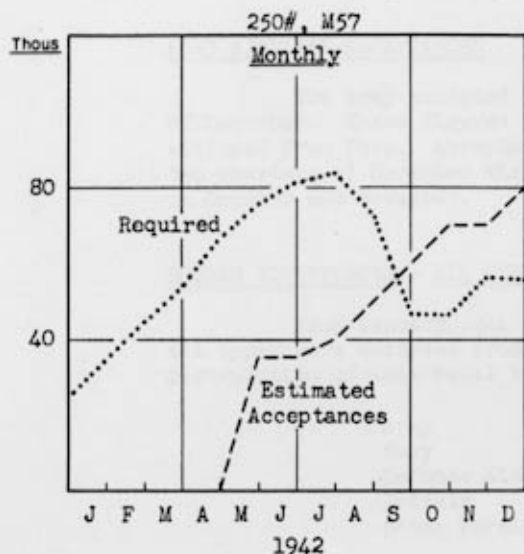
TYPES OF DEMOLITION BOMBS

	100# M30	250# M57	500# M43	1000# M44	2000# M45	Total
<u>December 1, 1941</u>						
On Hand in Army	42.4	0	16.7	1.8	.8	61.8
Cumulative Requirements	130.1	113.9	37.8	12.8	4.0	298.6
<u>June 30, 1942</u>						
On Hand Plus						
Estimated Acceptances	318.8	70.0	113.4	28.0	9.7	539.9
Cumulative Requirements	582.2	494.1	169.4	56.7	17.4	1,319.8



AIRCRAFT BOMBS - ESTIMATED ACCEPTANCES AND REQUIREMENTS - NOVEMBER 30, 1941 (Continued)

Source of Information: Ammunition Division, Ordnance Department; G-4 and OUSW



TEXT SUMMARY - AIRCRAFT PRODUCTION

Source of Information: Materiel Division - Air Corps

ARMY AIRPLANE ACCEPTANCES

The Army accepted 480 airplanes during the first two quarters of December. These figures include 18 light bombers which were requisitioned from Peru. Acceptances by the Army were lower during the first two quarters of December than they were during the corresponding periods in October and November.

BOMBER ACCEPTANCES - ALL CUSTOMERS

From January 1941 through December 15, 1941, 3,824 bombers of all types were accepted from United States military airplane plants. Distribution of this total by customer was as follows:

Army	718	19%
Navy	572	15%
Defense Aid	393	10%
Britain	2,055	54%
Other Foreign	86	2%
Total	3,824	100%

Bombers were produced by fourteen United States plants in 1941. Lockheed, Douglas (Santa Monica), Consolidated, Martin and Douglas (El Segundo) turned out the highest number of units in the order named. These five plants accounted for 82 percent of the bombers accepted. Lockheed alone produced 1,060 bombers or 28 percent of the total.

ENGINE ACCEPTANCES - ALL CUSTOMERS

During the first two quarters of December, 2,959 airplane engines were accepted by the various purchasers from the military engine plants. This total was distributed as follows:

Army	1,744
Army Defense Aid	28
Navy	245
Navy Defense Aid	36
British	684
Foreign	7
Commercial	215

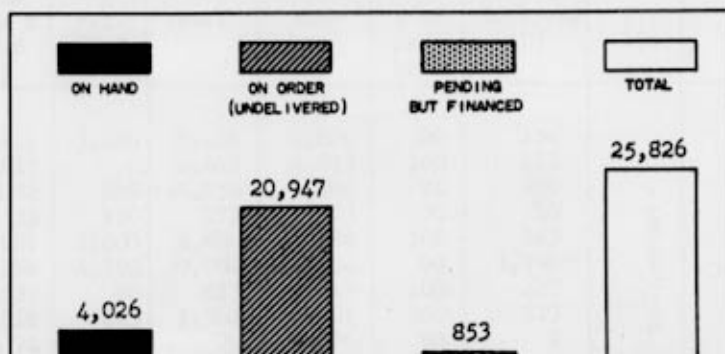
ARMY PROJECT AIRPLANE INVENTORY & STATUS OF PROCUREMENT - DECEMBER 15, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps

Tactical programs

Percentages

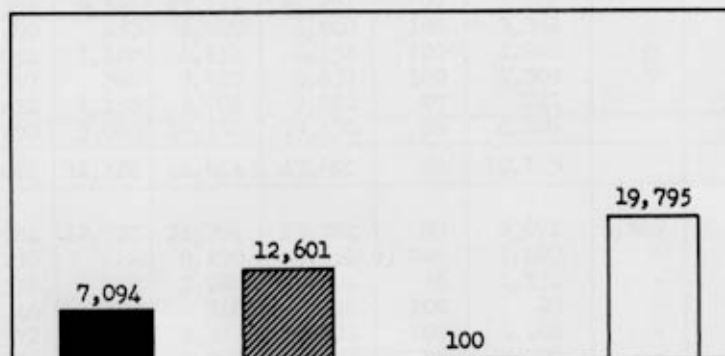
On hand	16%
On order	81%
Pending	3%
Total	100%



Trainer programs

Percentages

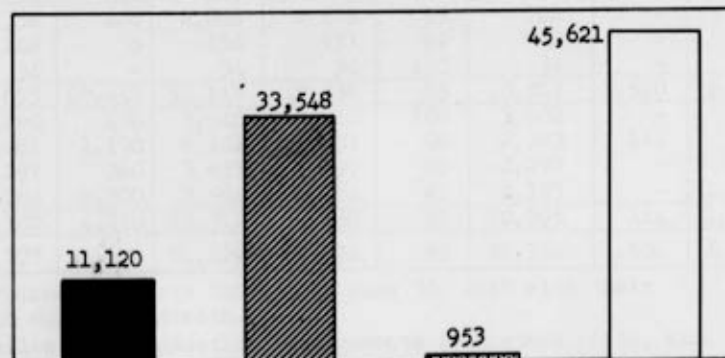
On hand	35%
On order	64%
Pending	1%
Total	100%



Total programs

Percentages

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



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

TABULAR SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - DECEMBER 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

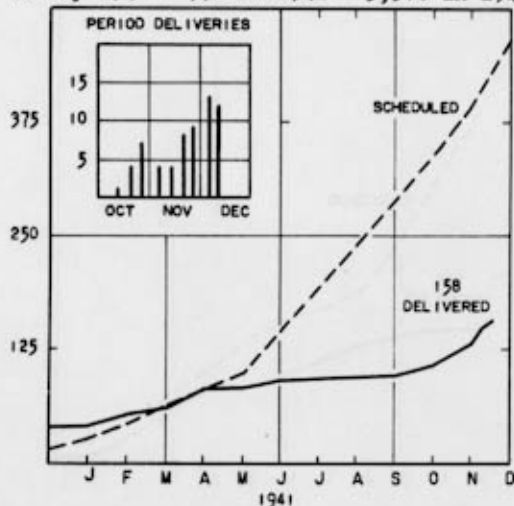
Item	Army program			Under contract		Delivered 12/15/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	158		600
Medium bomber	4,615	-	4,615	4,615	100	411		-
Light bomber	1,882	168	2,050	1,900	94	250		150
Pursuit fighter	23	150	173	173	100	10		-
Pursuit inter, 2-eng.	686	1,000	1,686	1,686	100	143		-
Pursuit inter, 1-eng.	4,394	4,700	9,094	8,994	99	1,796		100
Observation	533	80	613	613	100	417		-
Transport	1,118	243	1,361	1,361	100	113		-
Amphibian	74	5	79	76	96	2		3
Reconnaissance	17	-	17	17	100	14		-
Total Tactical	15,588	9,526	25,114	24,261	97	3,314		853
Primary trainer	5,490	450	5,940	5,940	100	3,336		-
Basic trainer	5,051	1,100	6,151	6,151	100	2,243		-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	1,009		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	241		100
Total Trainer	16,470	3,060	19,530	19,430	99	6,829		100
Grand Total	32,058	12,586	44,644	43,691	98	10,143		953
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,671	1,520	2,400
Medium bomber	9,230	-	9,230	9,650(c)	105	1,497	-	-
Light bomber	3,576	168	3,726	3,594	96	1,334	-	150
Pursuit fighter	46	300	346	346	100	20	-	-
Pursuit inter. 2-eng.	1,372	2,000	3,372	3,372	100	1,104	-	-
Pursuit inter. 1-eng.	4,394	4,700	9,094	8,994	99	2,230	-	100
Observation	533	80	613	613	100	661	-	-
Transport	2,358	486	2,844	2,818	99	702	-	26
Amphibian	148	6	154	151	97	64	-	3
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,675	20,442	51,117	47,356	93	10,317	1,520	2,679
Primary trainer	5,490	450	5,940	5,940	100	3,602	-	-
Basic trainer	5,051	1,100	6,151	6,037	98	2,303	114	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	2,193	-	1,400
Total Trainer	19,102	4,210	23,312	21,438	92	10,395	114	1,760
Grand Total	49,777	24,670	74,429	68,794	92	20,712	1,634	4,439

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

ARMY PROJECT AIRPLANES

4,826 HEAVY BOMBER

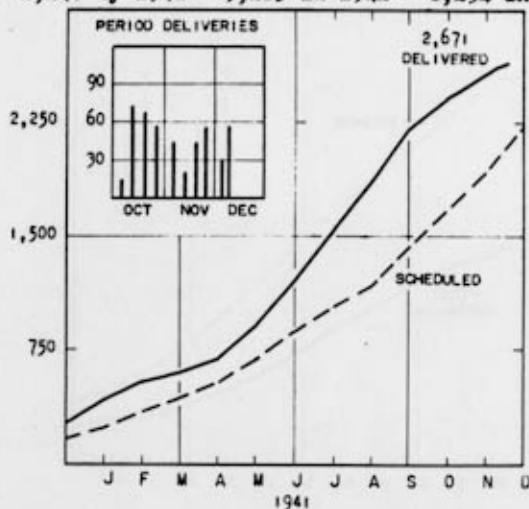
466 by 1941 - 990 in 1942 - 3,370 in 1943



ARMY INSTALLATION ENGINES

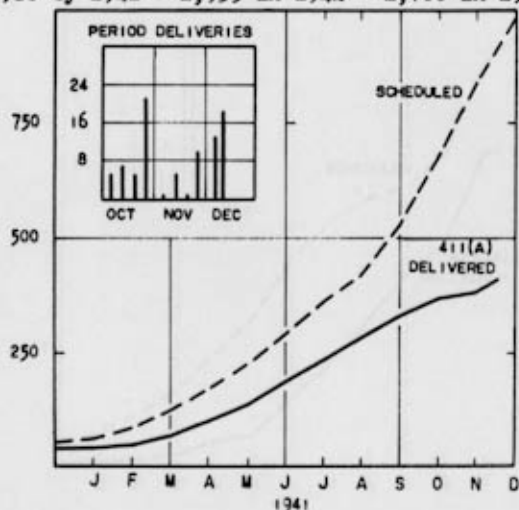
17,784 HEAVY BOMBER

2,247 by 1941 - 9,283 in 1942 - 6,254 in 1943



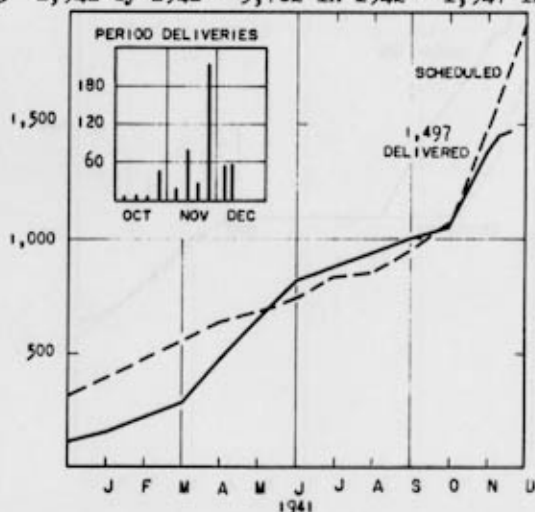
4,615 MEDIUM BOMBER

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



9,650 MEDIUM BOMBER

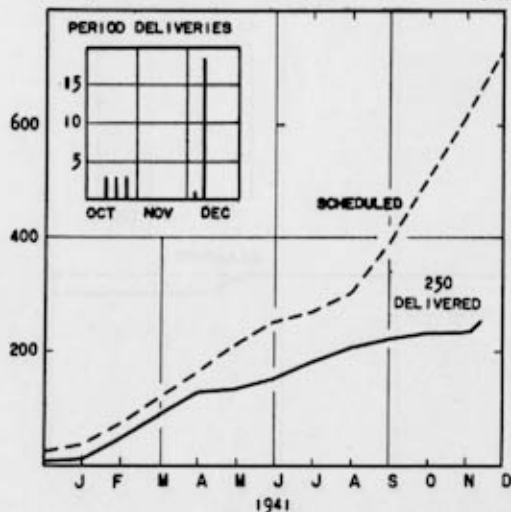
1,941 by 1941 - 5,762 in 1942 - 1,947 in 1943



(A) INCLUDES 70 UNITS ACCEPTED WITH SHORTAGES.

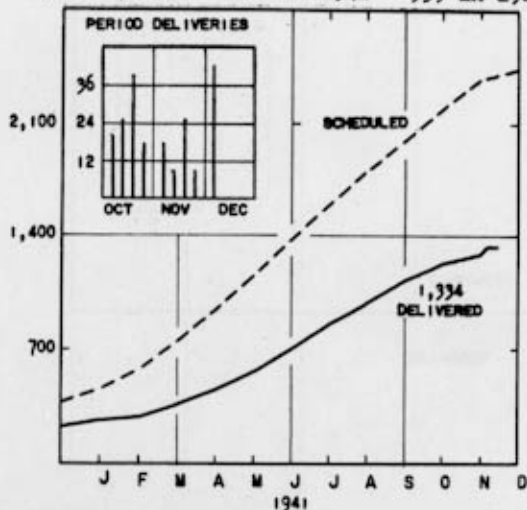
ARMY PROJECT AIRPLANES

1,900 LIGHT BOMBER
749 by 1941 - 651 in 1942 - 500 in 1943

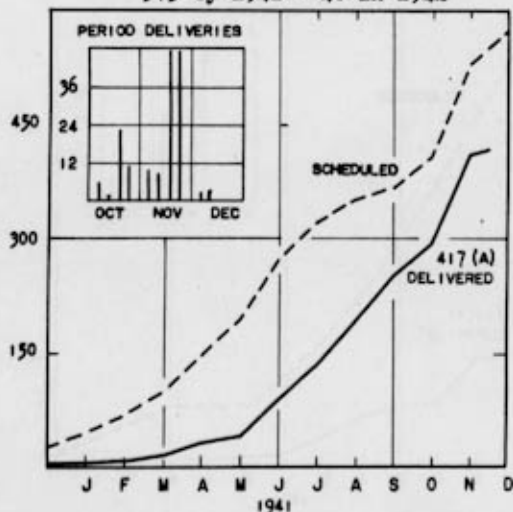


ARMY INSTALLATION ENGINE

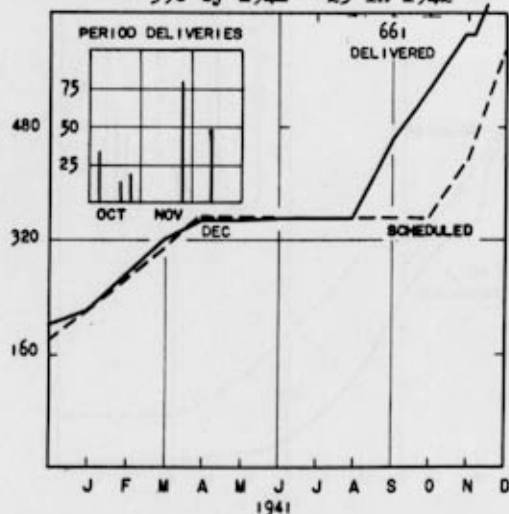
3,594 LIGHT BOMBER
2,454 by 1941 - 181 in 1942 - 959 in 1943



613 OBSERVATION
573 by 1941 - 40 in 1942



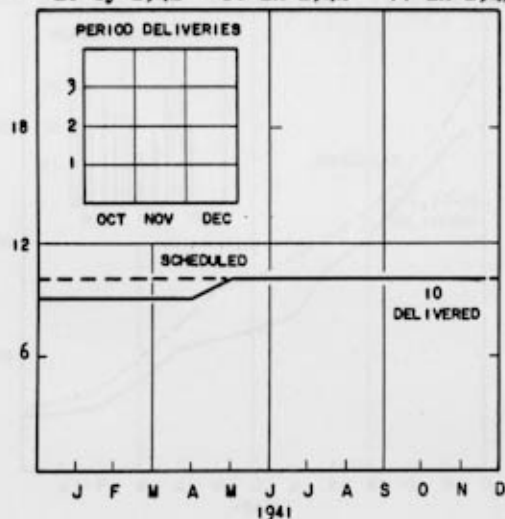
613 OBSERVATION
590 by 1941 - 23 in 1942



(A) INCLUDES 15 UNITS ACCEPTED WITH SHORTAGES.

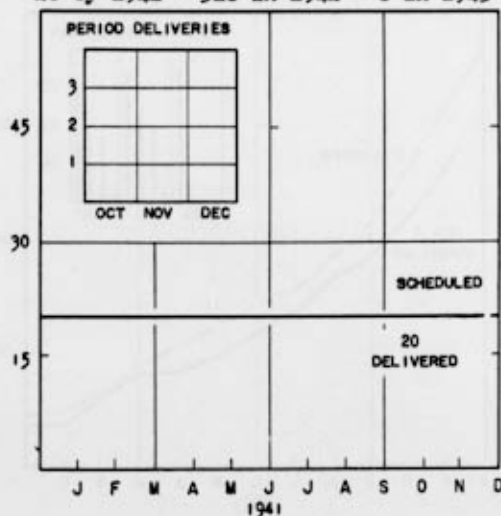
ARMY PROJECT AIRPLANES

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

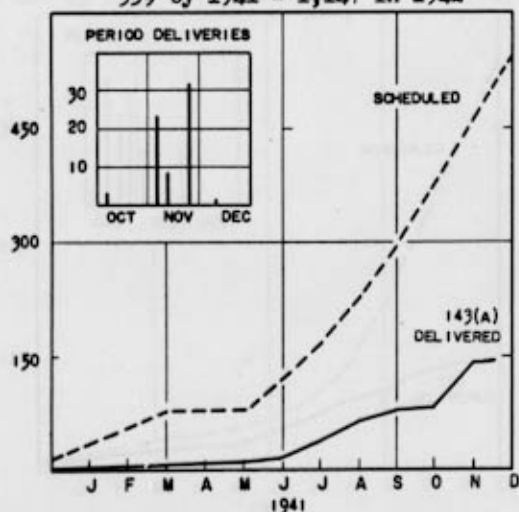


ARMY INSTALLATION ENGINES

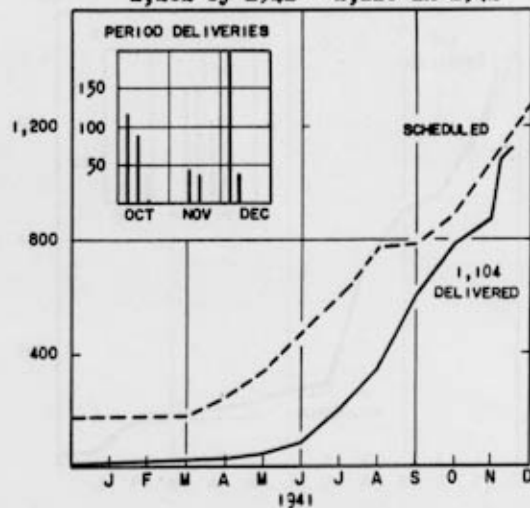
346 PURSUIT FIGHTER
20 by 1941 - 318 in 1942 - 8 in 1943



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



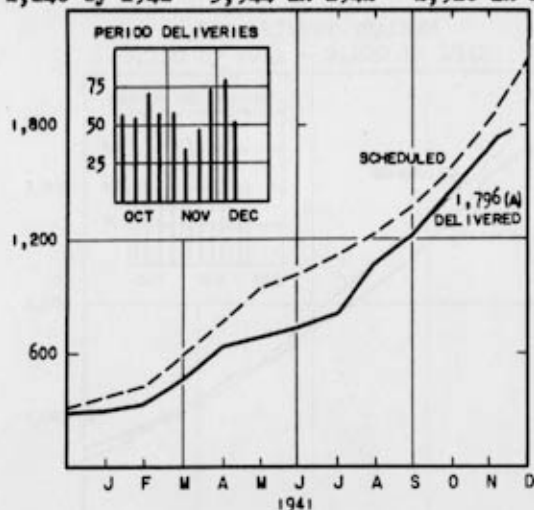
3,372 PURSUIT INTER., 2 ENG.
1,262 by 1941 - 2,110 in 1942



(A) INCLUDES 59 UNITS ACCEPTED WITH SHORTAGES.

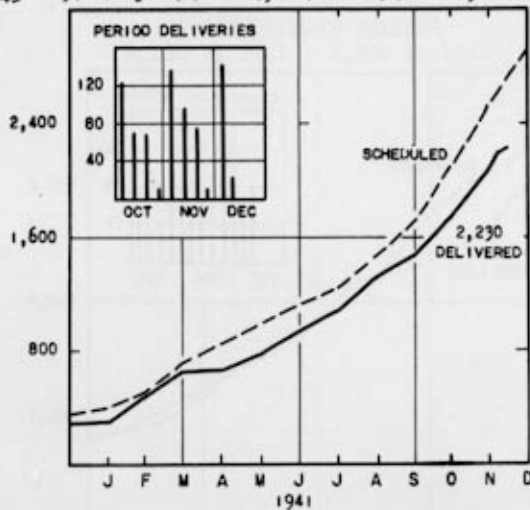
ARMY PROJECT AIRPLANES

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

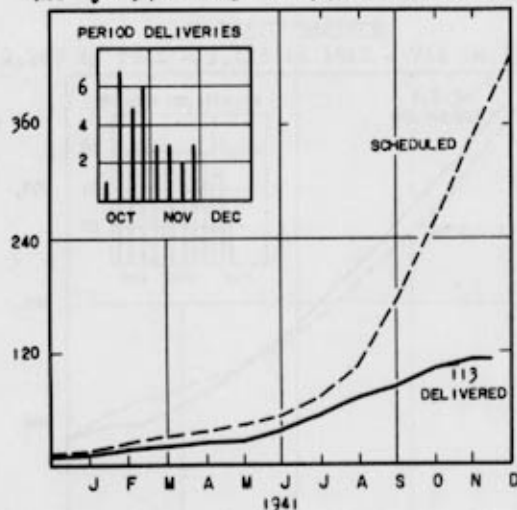


ARMY INSTALLATION ENGINES

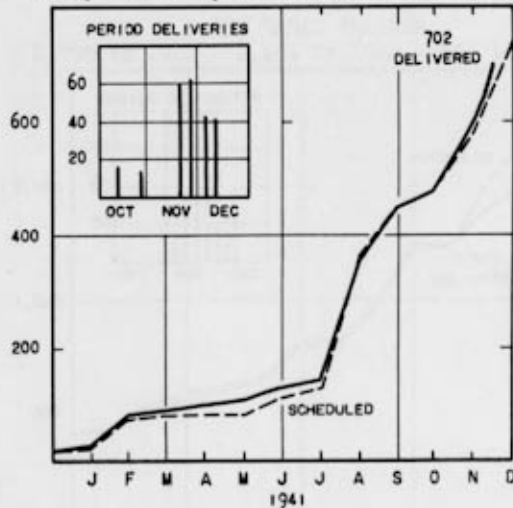
8,994 PURSUIT INTER., 1 ENG.
2,924 by 1941 - 4,784 in 1942 - 1,286 in 1943



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



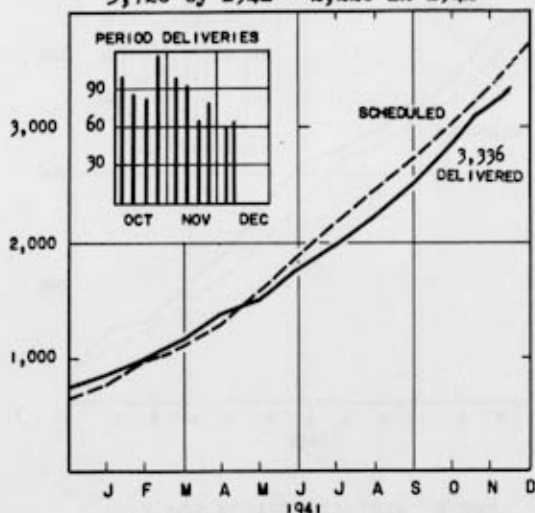
2,818 TRANSPORT
753 by 1941 - 1,153 in 1942 - 912 in 1943



(A) INCLUDES 77 UNITS ACCEPTED WITH SHORTAGES.

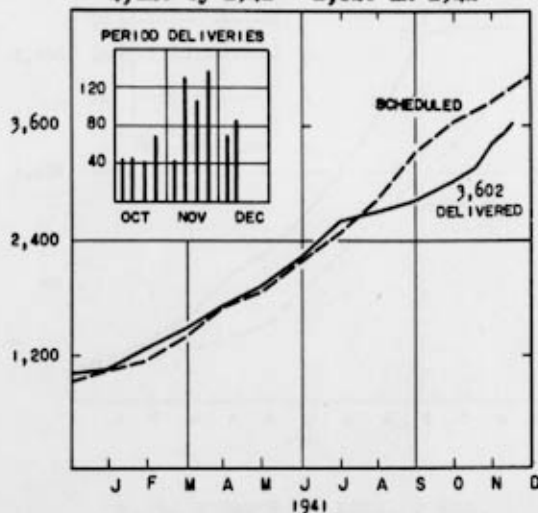
ARMY PROJECT AIRPLANES

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

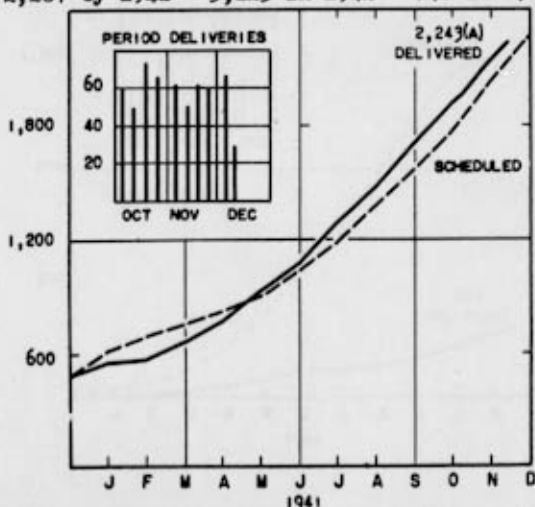


ARMY INSTALLATION ENGINES

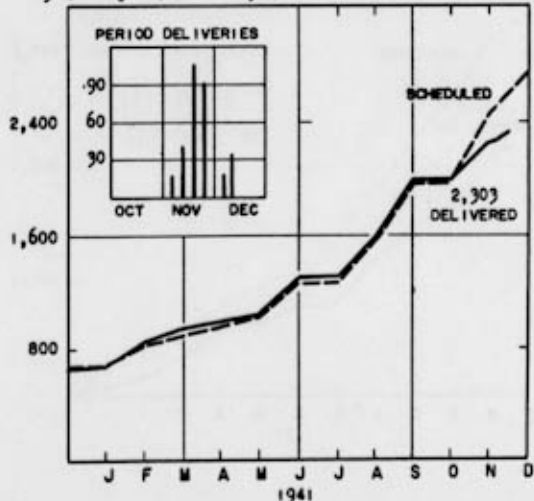
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



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



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



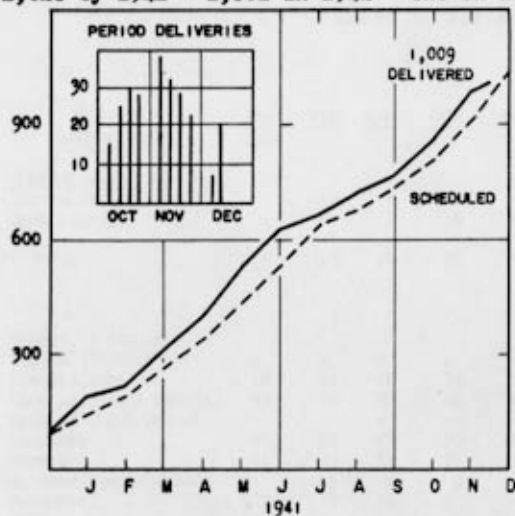
(A) INCLUDES 149 UNITS ACCEPTED WITH SHORTAGES.

Air Corps
25

Statistics Branch
OUSW - 12-27-41

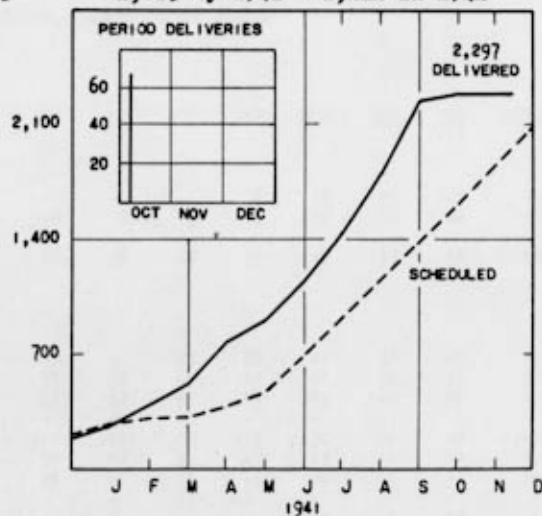
ARMY PROJECT AIRPLANES

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

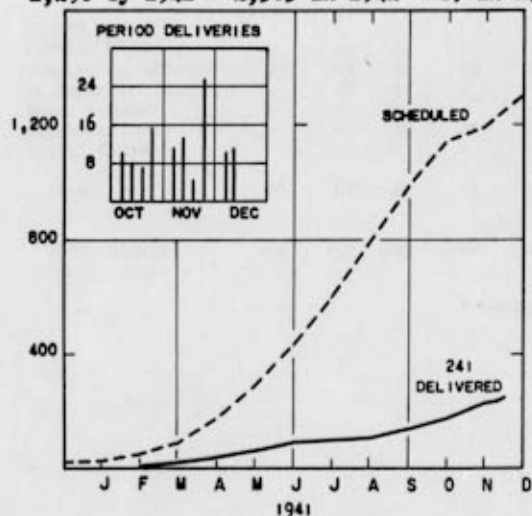


ARMY INSTALLATION ENGINES

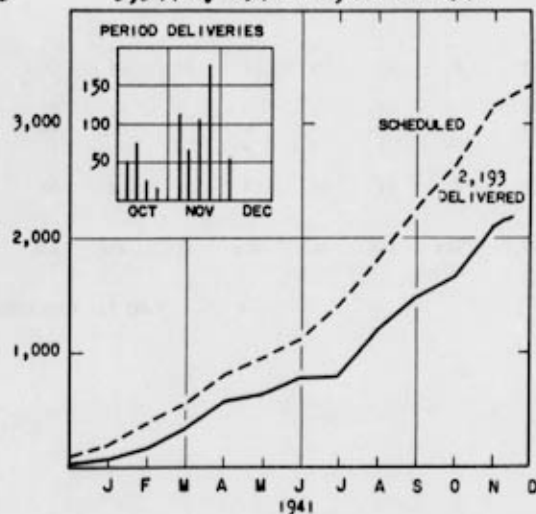
3,297 ADVANCE TRAINER, 1 ENG.
2,085 by 1941 - 1,212 in 1942



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



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



TABULAR SUMMARY - PLANT PRODUCTION - U. S. BOMBERS - 1941

Source of Information: Consolidated Statistical Report - Air Corps
Bureau of Aeronautics, Navy Department

TYPE AND MANUFACTURER	JAN 1941	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC 1-15	TOTAL
BOMBER, 4-ENGINE													
BOEING (SEATTLE)	-	13	8	21	-	-	-	-	5	12	25	25	109
CONSOLIDATED	1	-	2	6	13	10	2	19	27	30	30	10	150
TOTAL	1	13	10	27	13	10	2	19	32	42	55	35	259
BOMBER, 2-ENGINE													
BOEING (SEATTLE)	-	-	-	-	-	-	-	13	26	41	50	23	153
CONSOLIDATED	16	24	18	39	38	39	40	44	42	40	15	15	370
DOUGLAS (SANTA MONICA)	43	42	38	72	44	64	87	92	93	105	48	50	778
DOUGLAS (LONG BEACH)	-	-	-	-	-	-	-	-	-	-	-	1	1
LOCKHEED	29	52	85	109	128	111	121	81	135	70	90	49	1,060
MARTIN	51	47	51	25	30	34	30	52	41	43	40	20	464
N. AMERICAN (INGLEWOOD)	-	5	8	9	4	28	10	14	11	30	9	31	159
NORTHROP	3	7	14	-	-	-	-	-	-	-	-	-	24
VEGA	-	-	-	-	-	-	-	-	1	4	4	10	19
TOTAL	142	177	214	254	244	276	288	296	349	333	256	199	3,028
BOMBER, 1-ENGINE													
CURTISS (BUFFALO)	-	22	14	14	-	-	-	-	-	-	-	-	50
DOUGLAS (EL SEGUNDO)	26	23	26	23	29	37	40	39	27	29	18	8	325
N. AMERICAN (INGLEWOOD)	-	22	10	-	-	-	-	-	-	-	-	-	32
NAVAL AIRCRAFT	-	-	-	-	-	18	4	-	-	-	-	-	22
VOUGHT-SIKORSKY	-	-	15	28	28	24	12	-	-	-	-	-	107
WULTEE (DOWNEY)	-	-	-	-	-	1	-	-	-	-	-	-	1
TOTAL	26	67	65	65	57	80	56	39	27	29	18	8	537
TOTAL BOMBERS	169	257	289	346	314	366	346	354	408	404	329	242*	3,824*

* THROUGH DECEMBER 15 ONLY

TABULAR SUMMARY - CUSTOMER DISTRIBUTION - U. S. BOMBERS - 1941

Source of Information: Consolidated Statistical Report - Air Corps
Bureau of Aeronautics, Navy Department

TYPE AND CUSTOMER	JAN 1941	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC 1-15	TOTAL
<u>BOMBER, 4-ENGINE</u>													
ARMY	-	13	8	21	-	9	1	-	5	12	25	25	119
NAVY	1	-	-	-	1	1	1	-	-	-	-	-	4
BRITAIN	-	-	2	6	12	-	-	19	27	30	30	10	136
TOTAL	1	13	10	27	13	10	2	19	32	42	55	35	259
<u>BOMBER, 2-ENGINE</u>													
ARMY	7	40	55	70	39	63	54	59	37	38	17	32	511
NAVY	19	12	12	12	18	24	35	31	5	1	11	15	195
DEFENSE AID	-	-	-	-	-	-	-	-	134	70	90	99	393
BRITAIN	113	118	133	172	187	189	199	201	159	207	138	53	1,869
OTHER FOREIGN	3	7	14	-	-	-	-	5	14	17	-	-	60
TOTAL	142	177	214	254	244	276	288	296	349	333	256	199	3,028
<u>BOMBER, 1-ENGINE</u>													
ARMY	-	-	10	-	-	14	21	19	15	9	-	-	88
NAVY	24	44	51	54	45	53	24	20	12	20	18	8	373
BRITAIN	-	-	4	11	12	12	11	-	-	-	-	-	50
OTHER FOREIGN	2	23	-	-	-	1	-	-	-	-	-	-	26
TOTAL	26	67	65	65	57	80	56	39	27	29	18	8	537
TOTAL BOMBERS	169	257	289	346	314	366	346	354	408	404	329	242 *	3,824 *

* THROUGH DECEMBER 15 ONLY

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - December 24, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of December 8, complete delivery has been made on 167 basic items procured from 1941 and 1942 funds. The 154 remaining items are 84 percent contracted and an average of 54 percent of their total programs has been procured.

Contracts: For the period ended December 8, increases in contracted amounts were indicated for 12 basic items, including:

Socks, wool, heavy	Cot, steel
Overcoat, wool	Tent, assembly
Duck, cotton, grey, 48 oz.	Goggles

Deliveries: During the quarter-monthly period ended December 8, deliveries were effected on 117 of the 167 basic items.

Schedules and Delinquencies: Of the 167 basic items being procured from F. Y. 1941 and F. Y. 1942 funds, 54 are delinquent; however, only 24 items are more than 10 percent delinquent.

MOTOR VEHICLES

Contracts: As of December 15, contracts have been awarded for 289,357 vehicles, obligating 409 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,233 vehicles has been contracted and 85 percent delivered. Of the 1942 funds, 97 percent of the program of 48,548 vehicles has been contracted and 6 percent delivered.

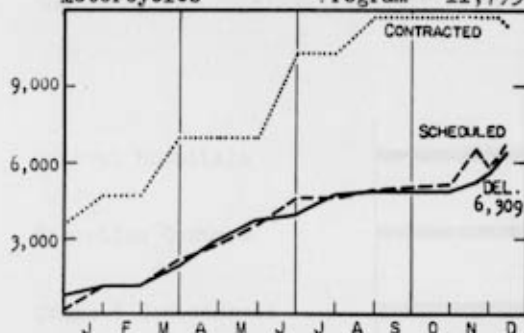
Deliveries: During the quarter-monthly period ended December 15, deliveries were reported on 5,237 vehicles at a cost of \$7,347,645 under 1941 and 1942. Deliveries were reported on 4,615 vehicles at a cost of \$6,731,060 under 1941 funds. This brings the cumulative deliveries under 1941 funds to 205,206 vehicles at a cost of 281 million dollars and the cumulative delivery figure under 1942 funds to 2,760 vehicles at a cost of \$3,928,216.

Schedules and Delinquencies: Based on estimated delivery schedules, 5,644 vehicles distributed among 15 manufacturers were behind schedule; 3,660 vehicles, however, were delivered ahead of schedule.

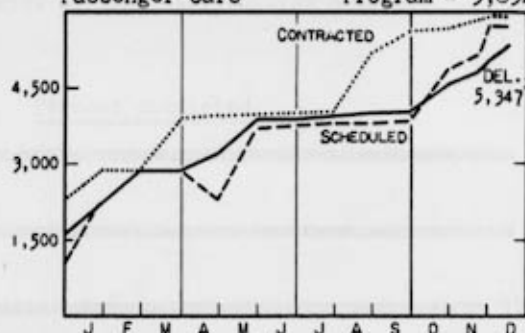
Q. M. C. - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 & 1942 - Dec. 15, 1941

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

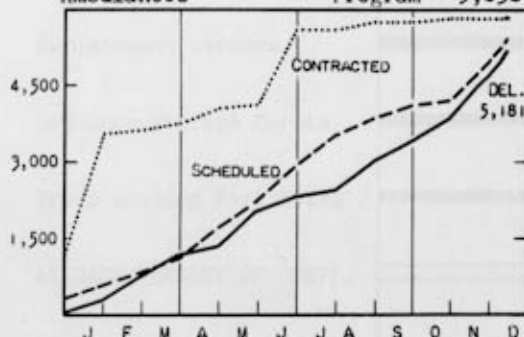
Motorcycles Program - 11,793



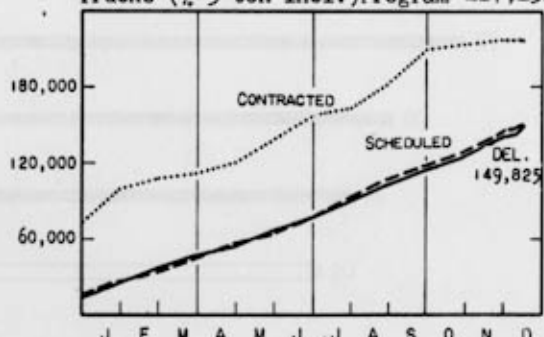
Passenger Cars Program - 5,854



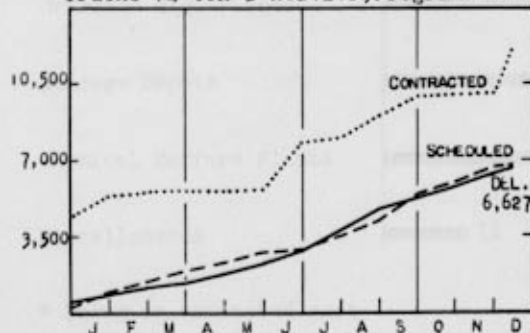
Ambulances Program - 5,838



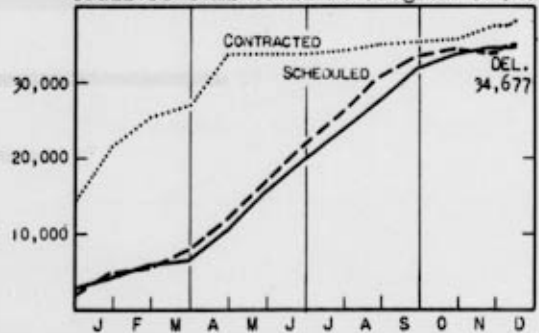
Trucks (1/2-3 ton incl.) Program - 217,131



Trucks (4-ton & heavier) Program - 12,067

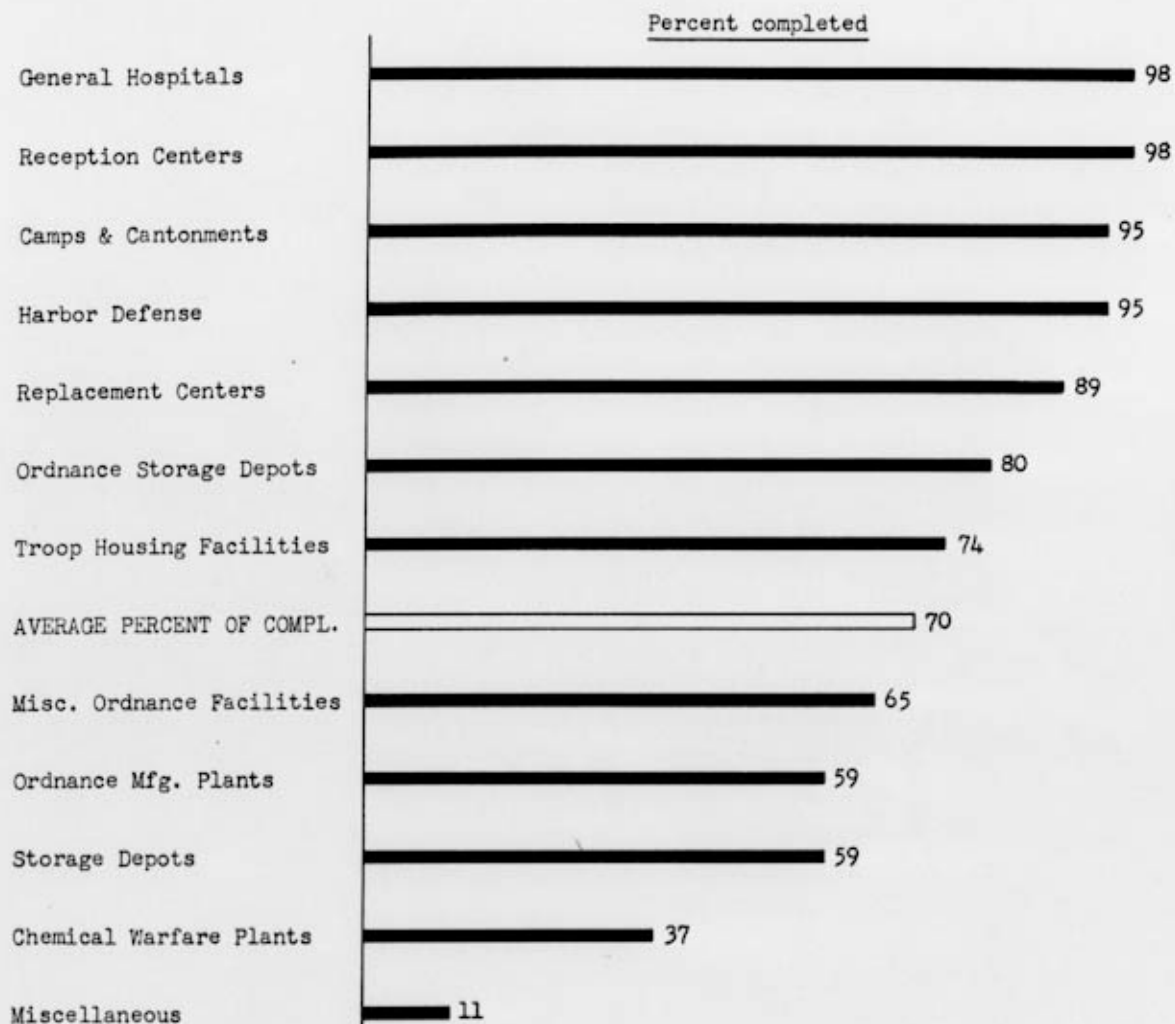


Trailers-Semi-trailers Program - 38,098



Q. M. C. CONSTRUCTION - PERCENTAGE OF COMPLETION* - November 30, 1941

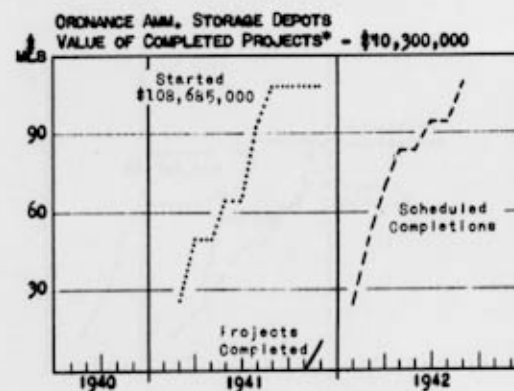
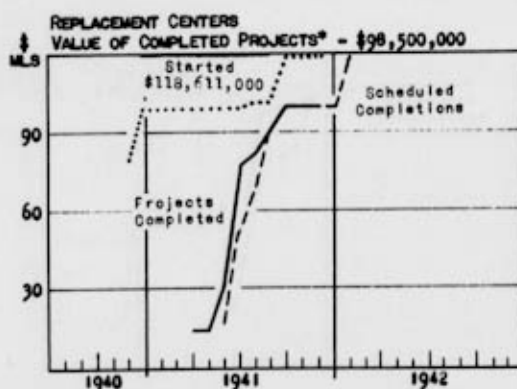
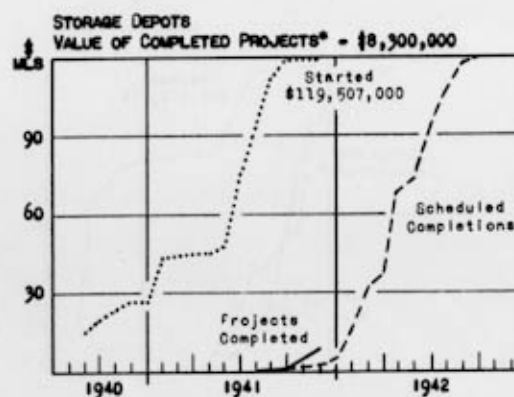
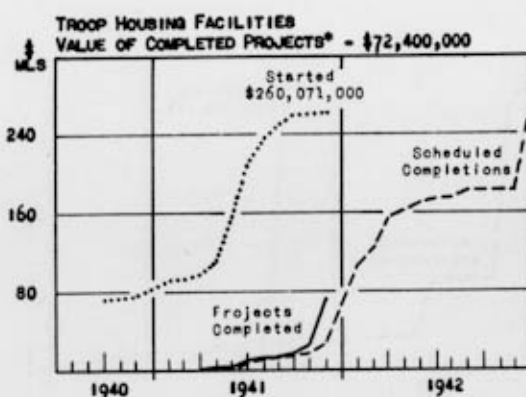
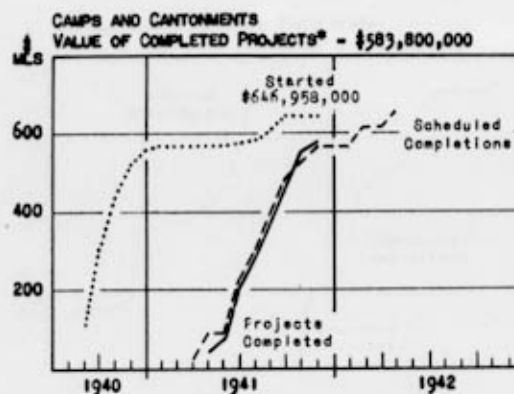
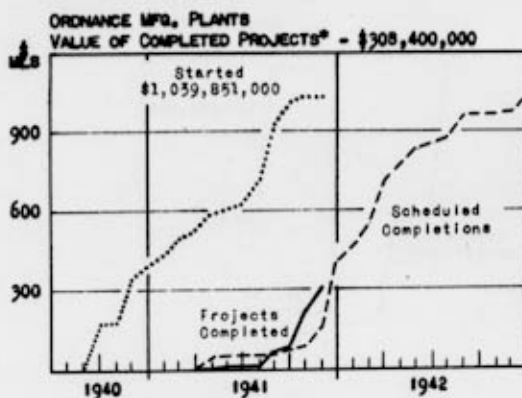
Source of Information: Statistics Branch, Office of the Quartermaster General



* Based on estimated cost

STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES - November 30, 1941

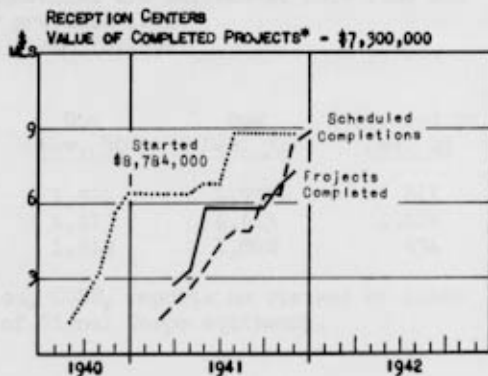
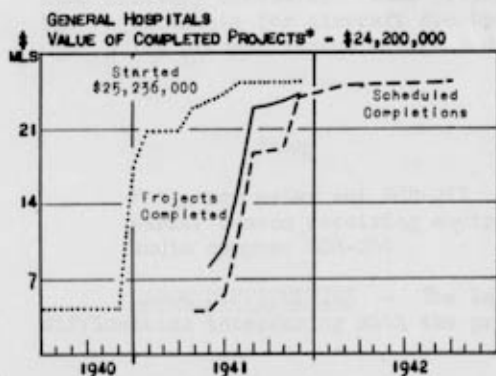
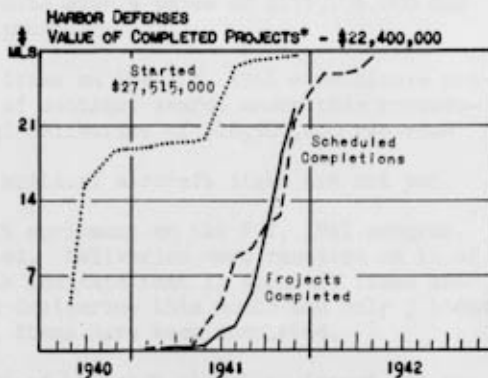
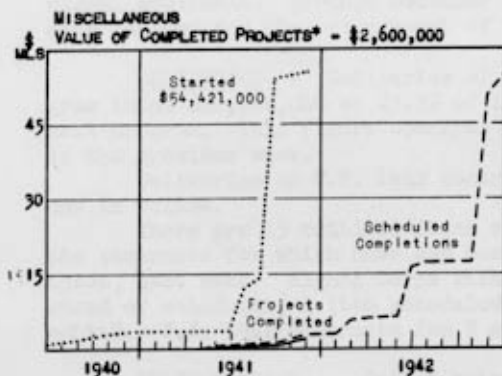
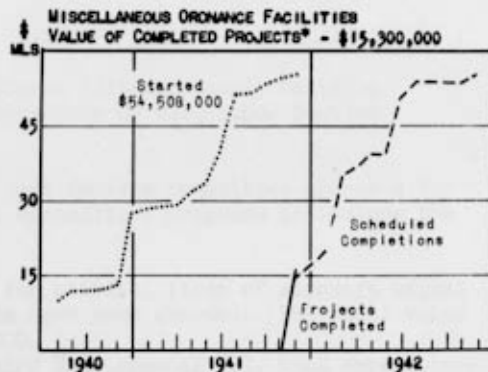
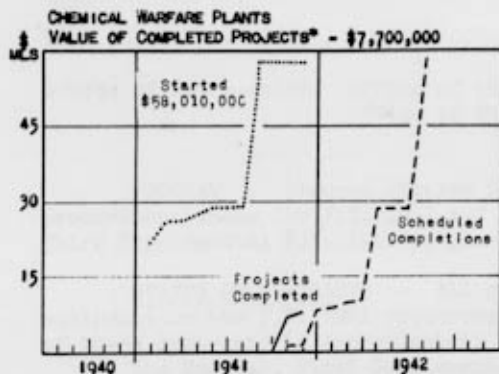
Source: Office of the Quartermaster General



*Completed projects include projects from 95 to 100 percent complete

STATUS OF COMPLETED CONSTRUCTION PROJECTS BY TYPES - November 30, 1941

Source: Office of the Quartermaster General



*Completed projects include projects from 95 to 100 percent complete

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - DECEMBER 20, 1941

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

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

STATUS OF CONTRACTS - All contracts for critical items of aircraft signal equipment on the F.Y. 1941 procurement program have been awarded. The total value of these contracts is approximately \$89,983,000.

The Regular, First Supplemental and Third Supplemental F.Y. 1942 expenditure programs include \$321,079,000 for the procurement of critical items of aircraft signal equipment. Through December 20, contracts with a value of \$177,236,000 had been awarded for the procurement of this equipment.

DELIVERIES - Deliveries of aircraft items on the F.Y. 1941 expenditure program total \$20,948,000 or 23.3% of the total of contract awards under this procurement program. This figure compares with total deliveries of \$18,587,000 reported in the previous week.

Deliveries on F.Y. 1942 contracts for critical aircraft items are not yet due in volume.

There are 15 critical items of aircraft equipment on the F.Y. 1941 program, the contracts for which have not been completed. Deliveries were received on 11 of these, last week. Signal Corps status reports indicate that 11 aircraft items are ahead of schedules, 1 item scheduled to begin deliveries this month and only 3 items behind. F.Y. 1941 contracts for 7 additional items have been completed.

DELINQUENCIES - Only 3 critical items of aircraft signal equipment are behind delivery schedules. None of these delinquencies are serious at this time and the requirements for aircraft are being amply provided for.

The present status of the 3 delinquent items follows:

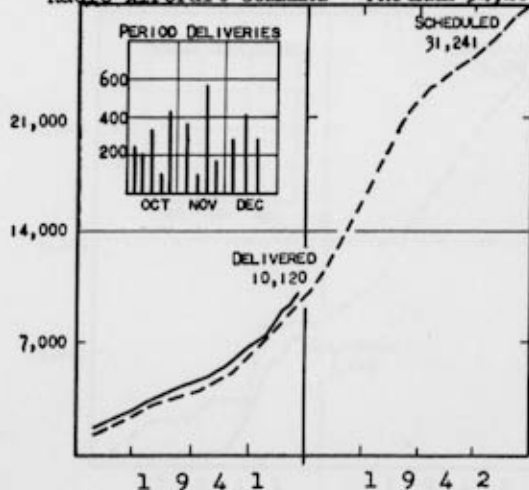
<u>Item</u>	<u>Due</u> <u>Nov. 30</u>	<u>Due</u> <u>Dec. 31</u>	<u>Delivered To</u> <u>Dec. 20</u>
Frequency meter set SCR-211	1,544	1,757	841
Marker beacon receiving equip. RC-43	4,413	4,513	4,405
Radio compass SCR-269	1,612	1,862	934

LABOR DIFFICULTIES - The Labor Section, OUSW, reports no strikes or labor difficulties interfering with the production of Signal Corps equipment.

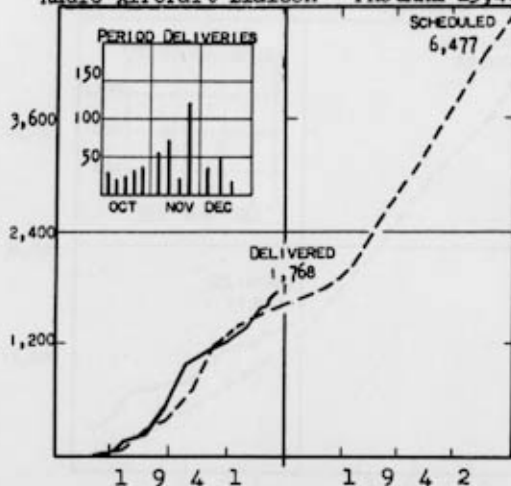
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
DECEMBER 20, 1941

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

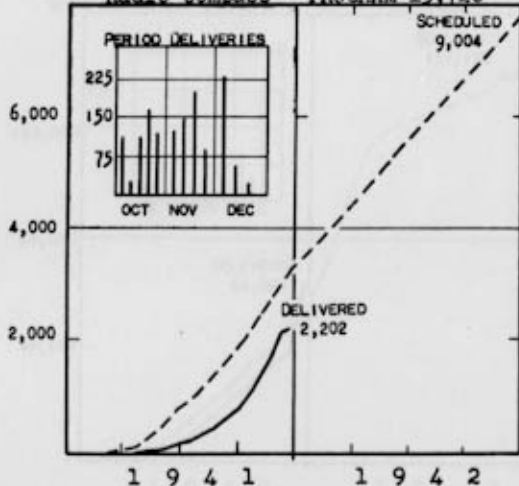
Radio Aircraft Command - PROGRAM 54,209



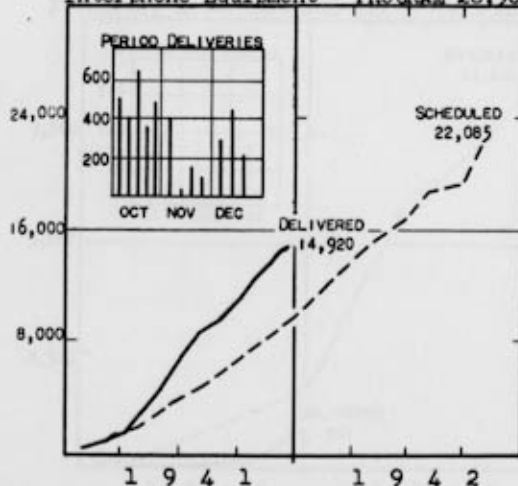
Radio Aircraft Liaison - PROGRAM 13,463



Radio Compass - PROGRAM 13,720



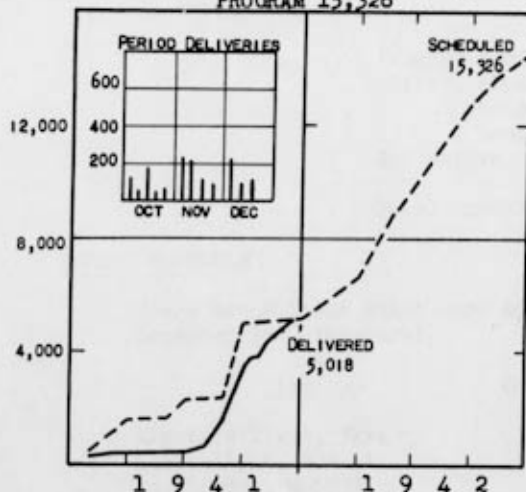
Interphone Equipment - PROGRAM 28,963



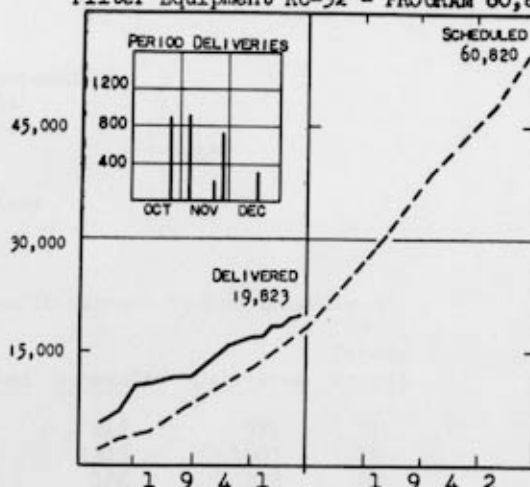
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
DECEMBER 20, 1941

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

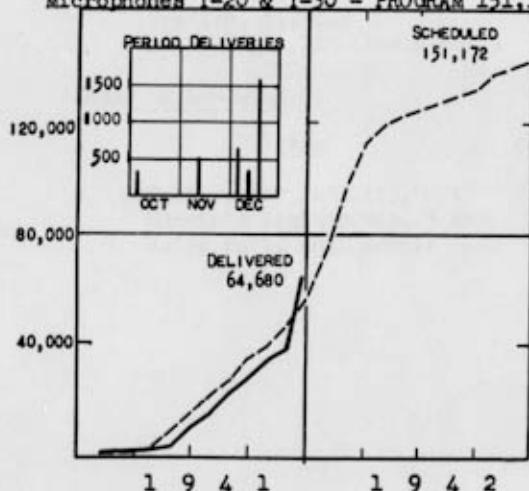
Marker Beacon Receiving Equipment
 PROGRAM 15,326



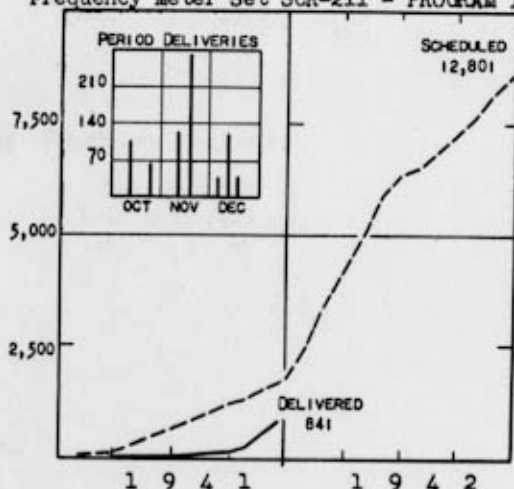
Filter Equipment RC-32 - PROGRAM 60,820



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



Frequency Meter Set SCR-211 - PROGRAM 12,862



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

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

GENERAL

During the first half of December, 15 items of the Engineer procurement program were active. Of these 3 are ahead of schedule and 10 are behind. In tabular form:

Program completed	12
Active, ahead of schedule	3
on schedule	2
behind schedule	10
Not active	18
Total number of items	45

BEHIND SCHEDULE

There are 8 items which were more than 10 percent behind schedule on December 15. They are:

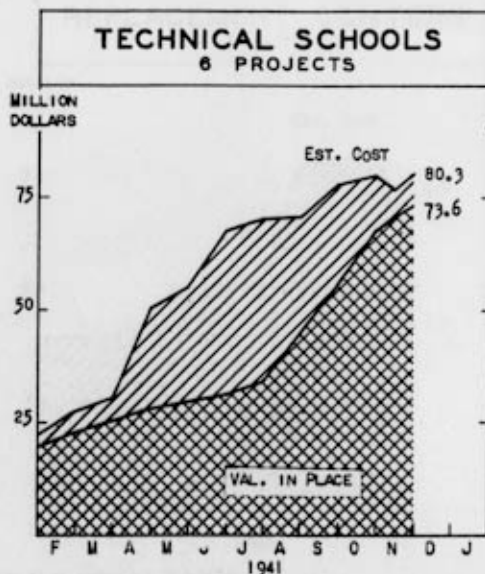
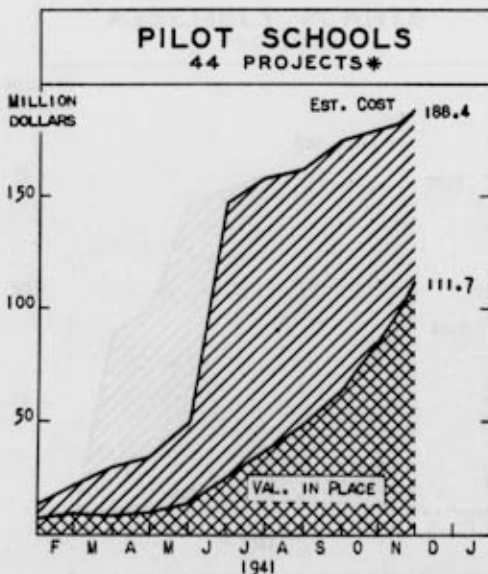
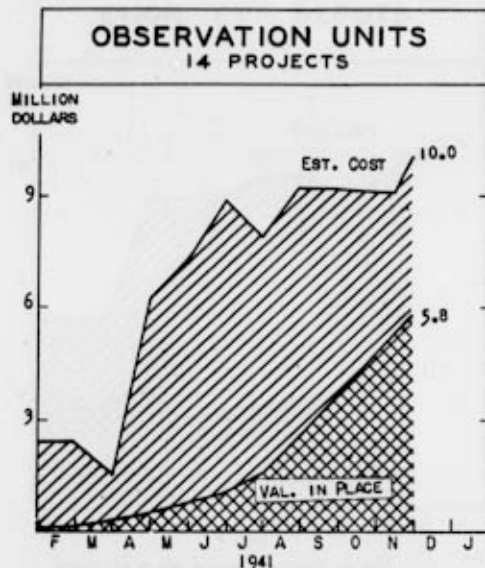
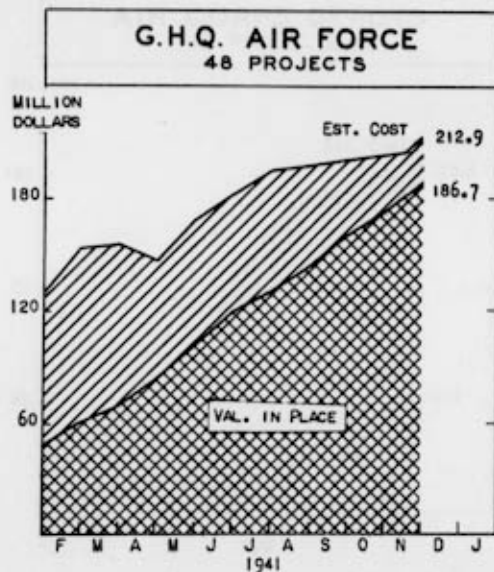
<u>Item</u>	<u>Contracted</u>	<u>Scheduled</u>	<u>Delivered</u>	<u>Percent behind</u>
Electric light, 3kva	1025	641	571	11
Searchlight, 60" AA	2261	1813	1603	12
Footbridge, M-1938	174	166	132	20
Ponton bridge, 25-ton	76	64	50	22
Crane, truck-mounted	77	67	51	24
Stereoscope, mag, mirror	3679	2337	1532	34
Trailer, tilting	4000	3640	1992	45
Searchlight, 24" (Beach Def.)	126	30	0	100

AHEAD OF SCHEDULE

<u>Item</u>	<u>Contracted</u>	<u>Scheduled</u>	<u>Delivered</u>
Boat, power, utility, w/t	62	2	3
Electric light equip, 5 kw	352	191	213
Water purif. unit, mobile	59	34	40

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

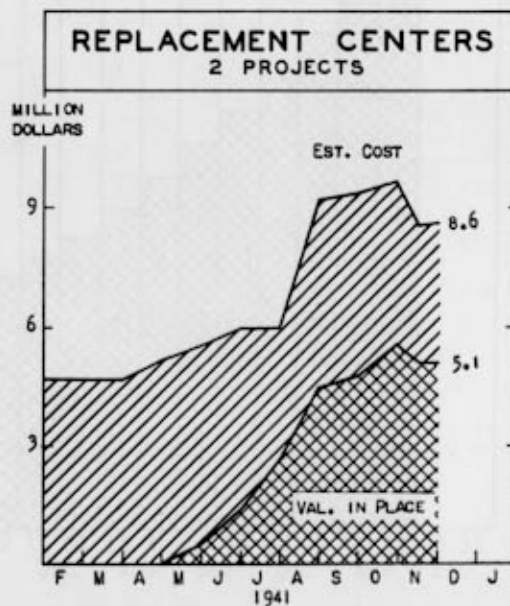
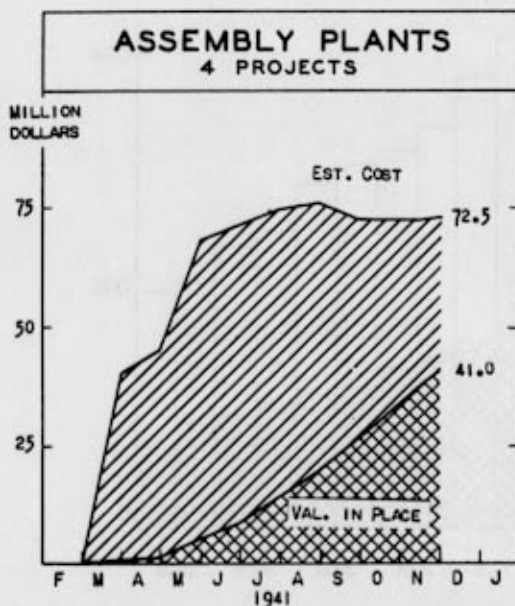
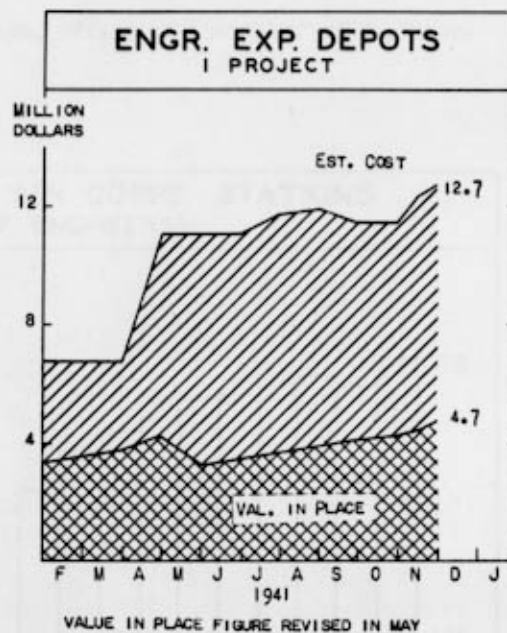
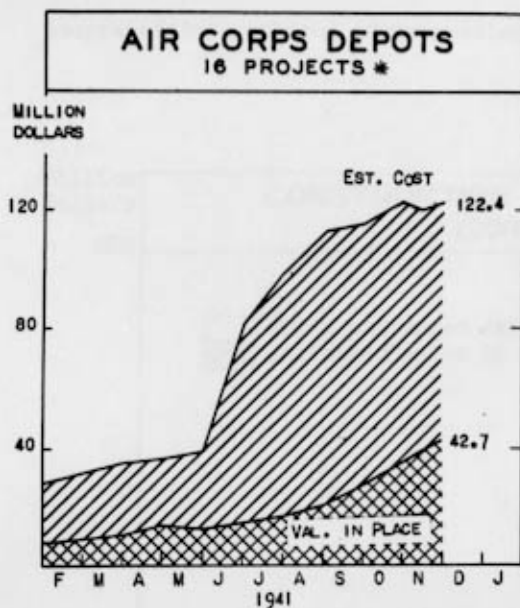
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES 3 BOMBING RANGES

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

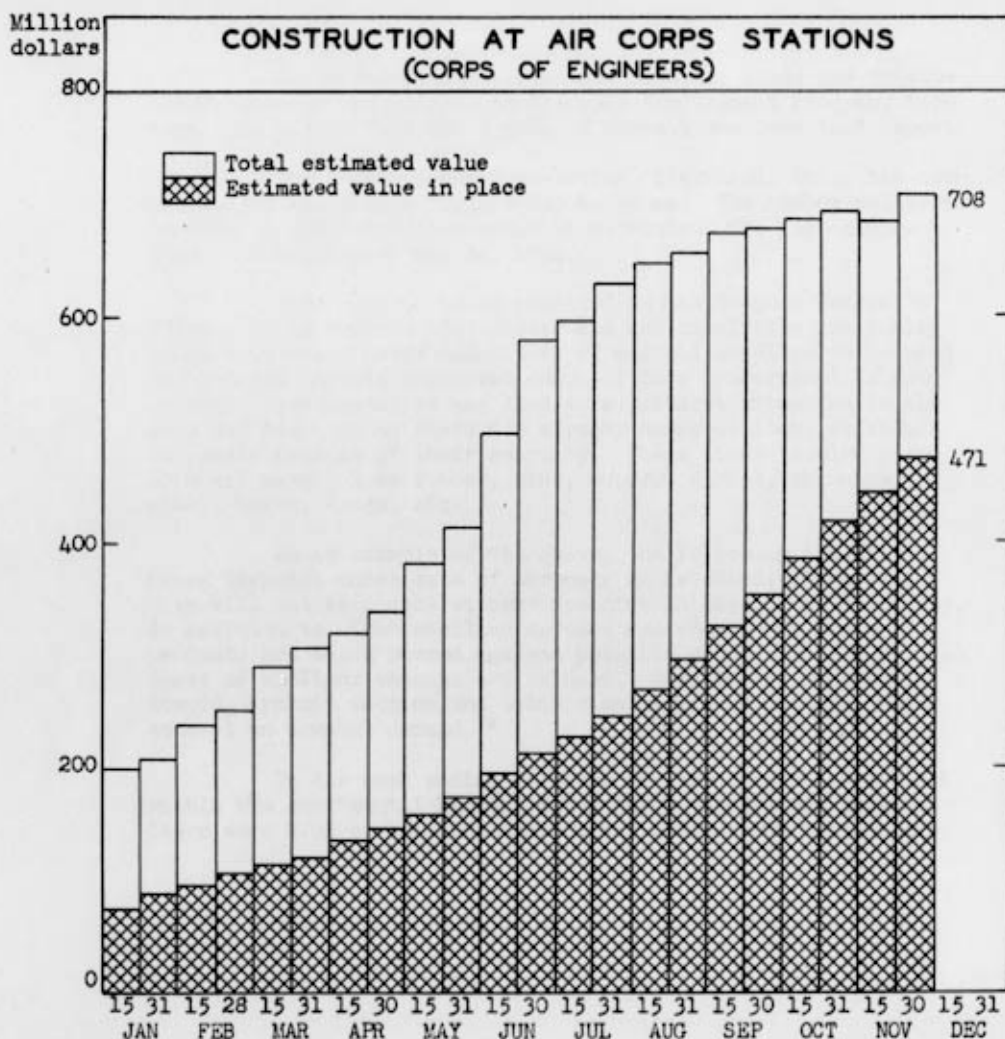
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES ONE WEATHER AND COMMUNICATIONS DETACHMENT AND FIVE FERRYING COMMANDS

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

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



Corps of Engineers

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED DECEMBER 27, 1941

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

As of December 15, eighteen critical items and thirty-three selected, pertaining to the 1941 Procurement Program, have been completed. This was a gain of three items over last report.

The Picker X-Ray Corporation, Cleveland, Ohio, has contracts for 642 Mobile Field X-Ray Machines. The number delivered to date is 459, or twelve ahead of schedule. The last contract calls for completion May 14, 1942.

From reports being received in the Surgeon General's Office, it is evident that states and municipalities are taking steps to procure large quantities of medical supplies to be used by civilian defense organizations. If this procurement is not properly coordinated it may lead to a critical situation in the Army and Navy, since there are already numerous items difficult to obtain because of their scarcity. These items involve such critical material as rubber, zinc, copper, nickel, chromium, steel, brass, drugs, etc.

As an example of the above, the following Associated Press Dispatch under date of December 22 is cited: "New York City will not be caught without medicine in case of an emergency. In addition to other civilian defense measures, many biological products are being stored against possible need. About a million doses of smallpox vaccine are on hand. Supplies of diphtheria toxoid, typhoid vaccine and tetanus antitoxin are called 'ample to meet an unusual demand.'"

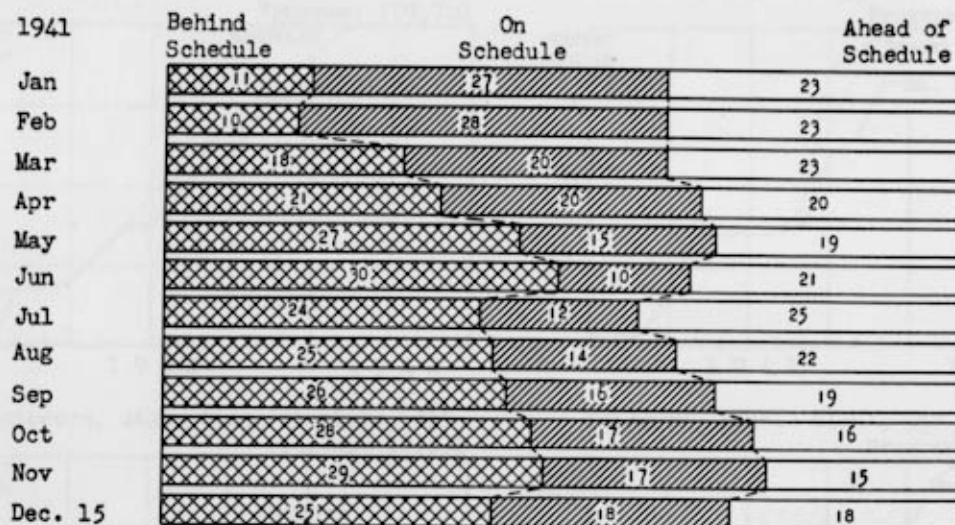
In the week ending December 18, the percentage of sick within the continental limits of the United States was 3.22. There were 2.92 percent in hospital and .30 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS, F.Y. 1941 PROGRAM - DECEMBER 15, 1941

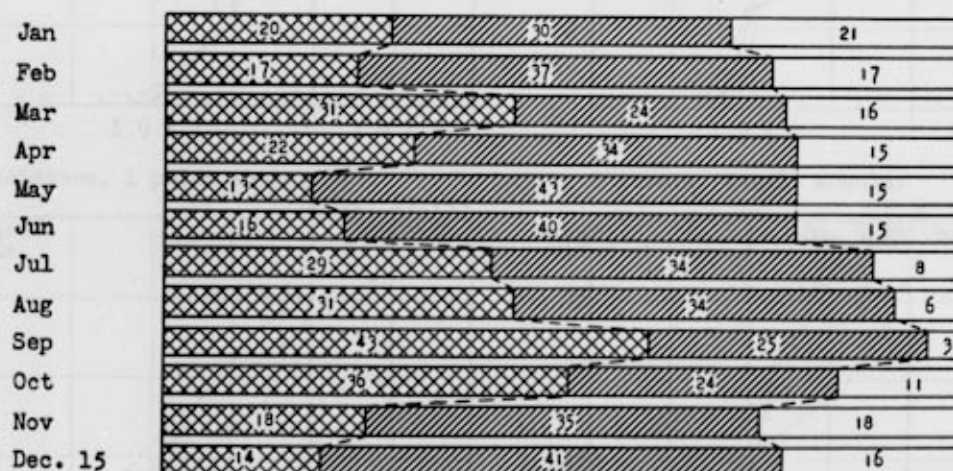
Source of Information: Medical Department Procurement Progress Reports

Includes 1941 Program only

Sixty-one Critical Items



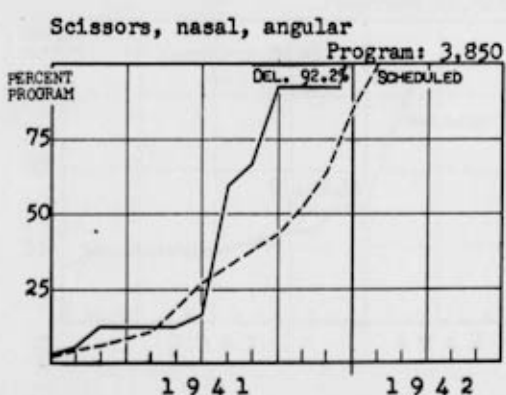
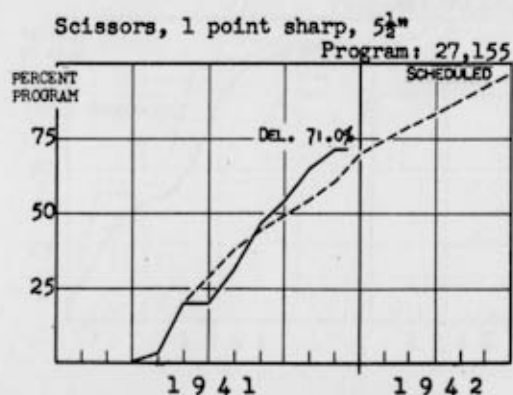
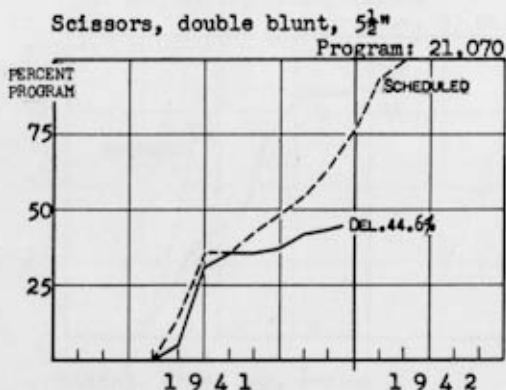
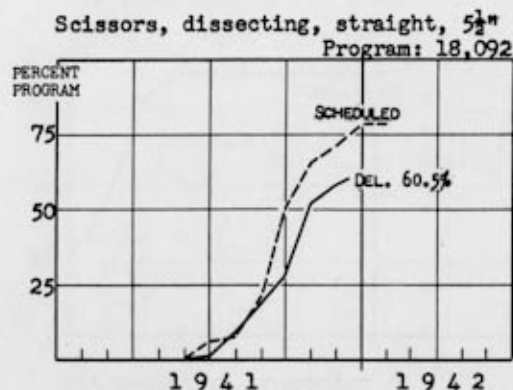
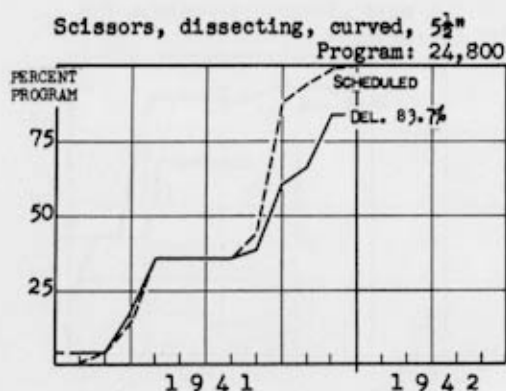
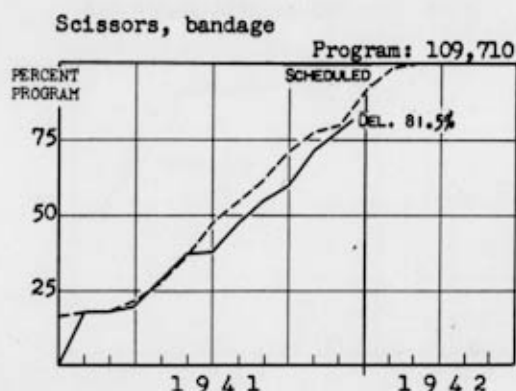
Seventy-one Selected Items



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

Source of Information: Medical Department Procurement Progress Reports

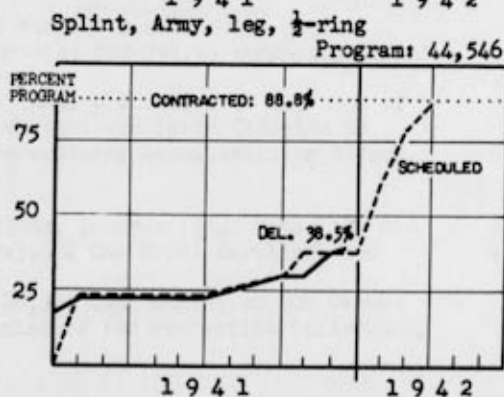
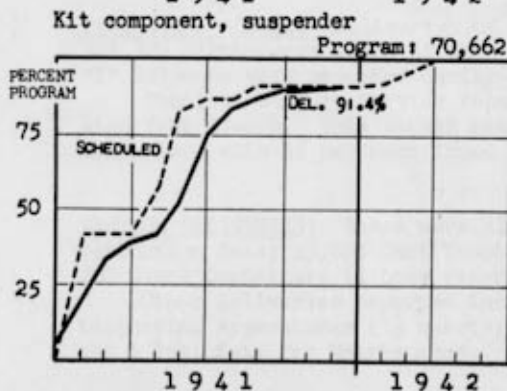
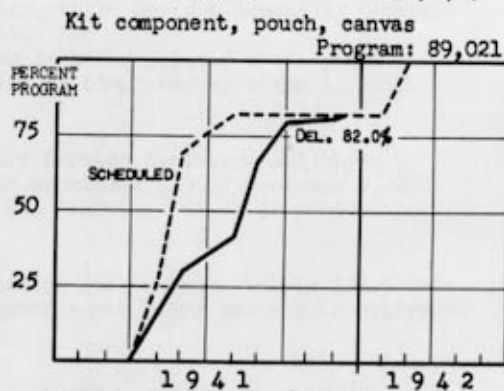
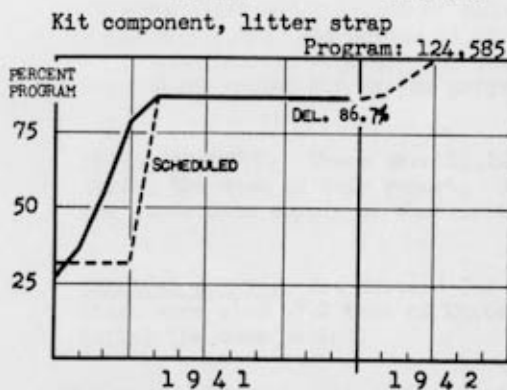
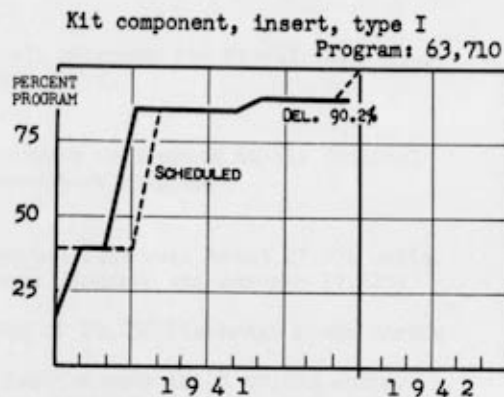
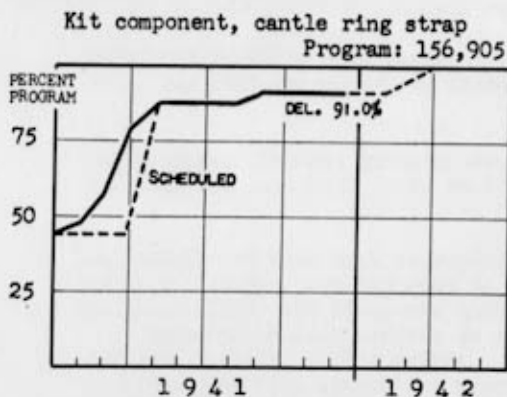
Includes F.Y. 1941 & 1942 programs; items are fully contracted.



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

Source of Information: Medical Department Procurement Progress Reports

Includes F.Y. 1941 & 1942 programs; fully contracted unless otherwise indicated.



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS DECEMBER 19, 1941

Source of Information: Chemical Warfare Service Progress Reports

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

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

GAS MASKS: Service Mask assemblies reported this week total 27,974 units. These deliveries were reported as follows: Johnson and Johnson 17,220; Goodyear 6,482, and Firestone 4,272.

Edgewood Arsenal reports an assembly of 19,250 Diaphragm Masks during the week covered by this report.

Training Mask assemblies reported for the week total 40,898 units. Firestone assembled 18,200 of this number, while Sprague Specialty Company reported 11,380, and Eureka 11,318 units.

A production schedule for Gas Masks is being planned whereby all assemblies called for by the program will be completed by March 1, 1942.

EXTRA CANISTERS: There were 14,229 extra Service Canisters delivered during the week of this report. Johnson assembled 5,000; Goodyear 9,229. The inadequate supply of Whetlerite is the limiting factor of production.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 122.6 tons. There were also 47.2 tons of White Phosphorus and 3,588 Smoke Pots delivered during the same period.

PROTECTIVE AGENTS: Deliveries of 79.02 tons of Demustardizing Bleach; 321,328 eight-ounce tubes of Shoe Impregnate, and 391.45 tons of Impregnate "I" Solvents were reported during the week.

Chemical Warfare Service reports a total production of 145 tons of High Test Bleach. This bleach has 70 per cent available Chlorine in comparison with 35 per cent found in the ordinary Demustardizing Bleach.

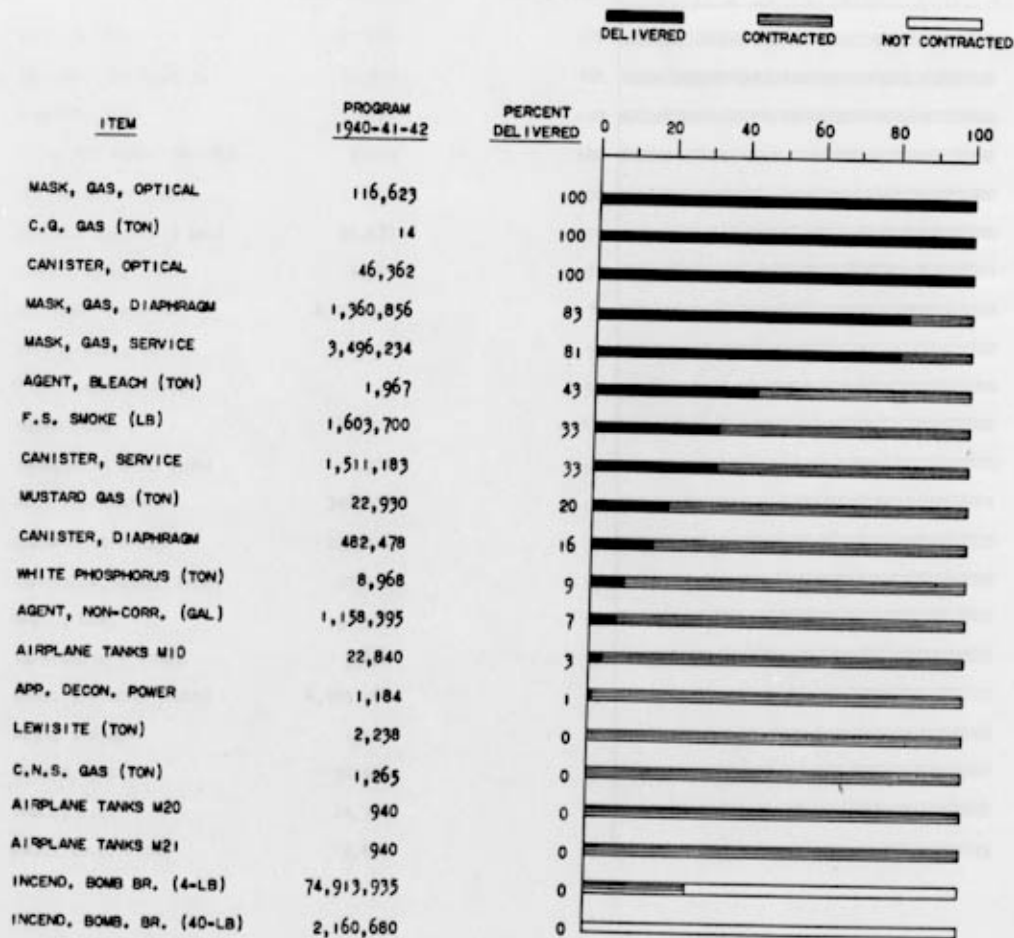
VARIOUS DELIVERIES: There were also 213 Gas Instructional Sets; 106 Gas Detonation Sets; 13,875 Dust Respirators; 372 Gas Proof Curtains, and 200 Steel Containers (1 ton) reported.

Other deliveries reported include 28,374 Land Mines; 10,000 Decontaminating Apparatuses (1½ quart); 6 Canisters for Protective Collectors, and 4 Tool Sets for Maintenance.

PROCUREMENT PROGRESS - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

December 19, 1941

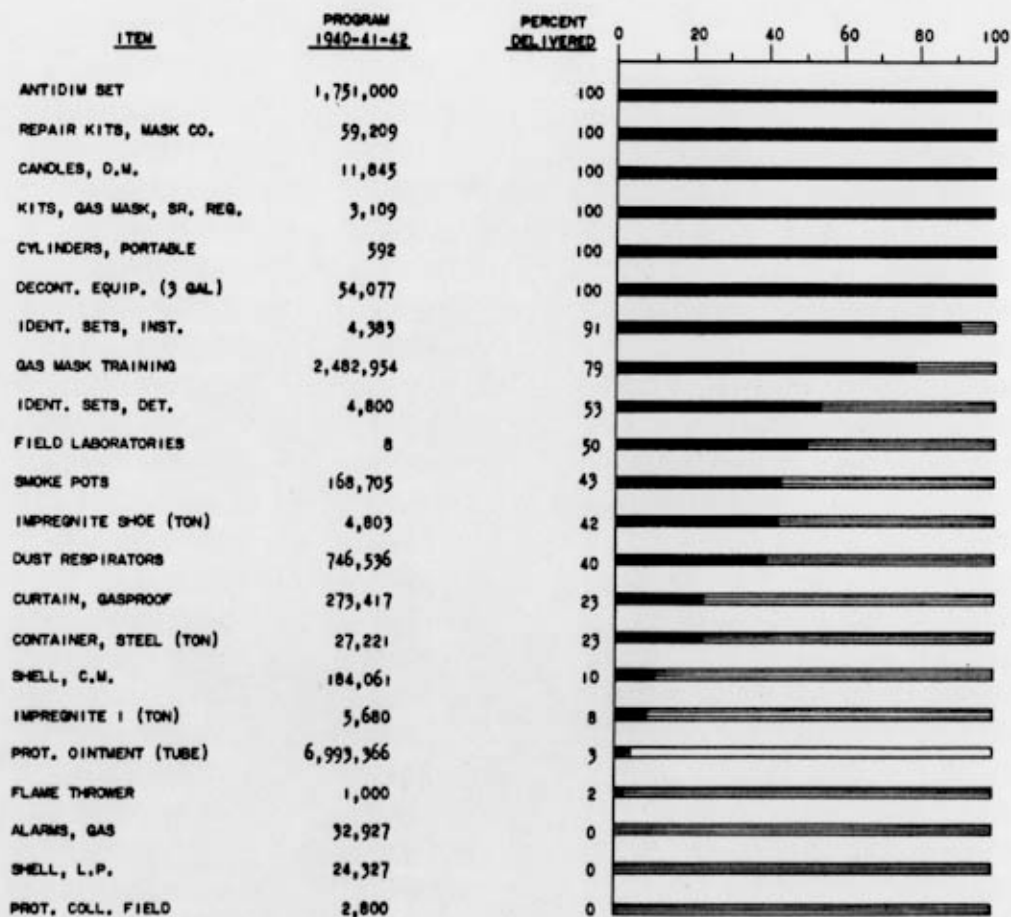


PROCUREMENT PROGRESS - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

December 19, 1941

DELIVERED CONTRACTED NOT CONTRACTED



SECRET

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

*P57
War Sept*

WEEKLY STATISTICAL REPORT

No. 27

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WEEKLY STATISTICAL SUMMARY
REPORT # 27
JANUARY 3, 1942

GENERAL

	Page
Army Strength	1
Editorial Opinion	2
Editorial Opinion	3
Armaments	4
Appropriations	5

DEFENSE AID

Status of Air Corps Funds	6
Tab. Sum. - Current Air Corps Proc. ..	7
Tab. Sum. - Q.M. Procurement	8
Shipping Data - Chemical Warfare	9

ORDNANCE DEPARTMENT

Text Summary	10
Ordnance Funds - Fiscal Year 1942	11
Equipment - Procurement Summary	12
Machine Gun, Cal.50	13
Stocks & Initial Reqmnts .	14
Stocks & Total Reqmnts ...	15
Ammunition- Procurement Summary	16
New Facilities	17
New Facilities	18
New Facilities	19

AIR CORPS

Text Summary	20
Diagram: Inventory & Procurement	21
Tab. Sum. - Current Procurement	22
Diagrams: Airplanes & Engines	
Heavy & Medium Bomber	23
Light Bomber & Observation ..	24
Pursuit	25
Pursuit & Transport	26
Primary & Basic Trainer	27
Advance Trainer	28

QUARTERMASTER CORPS

	Page
Text Summary - Proc. of Basic Items .	29
Diagrams:	
Proc. of Items of Supply ...	30
Procurement of M. Vehicles .	31
Cum. & Monthly M.V. Proc. ..	32
Cum. Construction Progress .	33
Q.M. Construction	34

SIGNAL CORPS

Text Summary - Signal Procurement ...	35
Diagrams: Progress of Deliveries	
Telephone EE-8, etc.	36
Frequency Meter Set, etc. ..	37

CORPS OF ENGINEERS

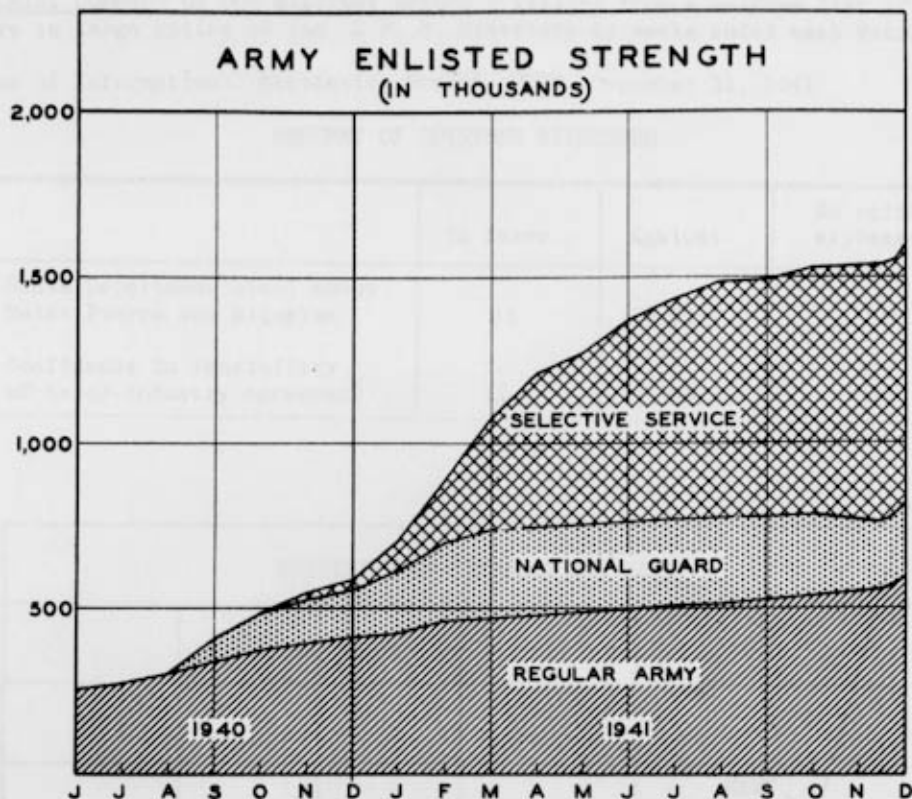
Text Summary - Engineer Procurement .	38
Diagram: Status of 4 Selected Items.	39
Status of 4 Selected Items.	40

MEDICAL DEPARTMENT

Text Summary	41
Diagrams:	
Bed Capacity of Hospitals ..	42
Delivery Status-6 Sel. Items	43
Delivery Status-6 Sel. Items	44

CHEMICAL WARFARE SERVICE

Text Summary - Production	45
Diagrams: Procurement Progress	
Essential Selected Items ...	46
Critical Items	47



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to December 31, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

Total		Total		Total	
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,481,197
Sep	407,613	Mar	1,068,030	Sept	1,484,024
Oct	483,218	Apr	1,205,873	Oct	1,526,000
Nov	540,695	May	1,265,211	Nov	1,528,500
Dec	573,520	Jun	1,362,760	Dec 31	1,579,500

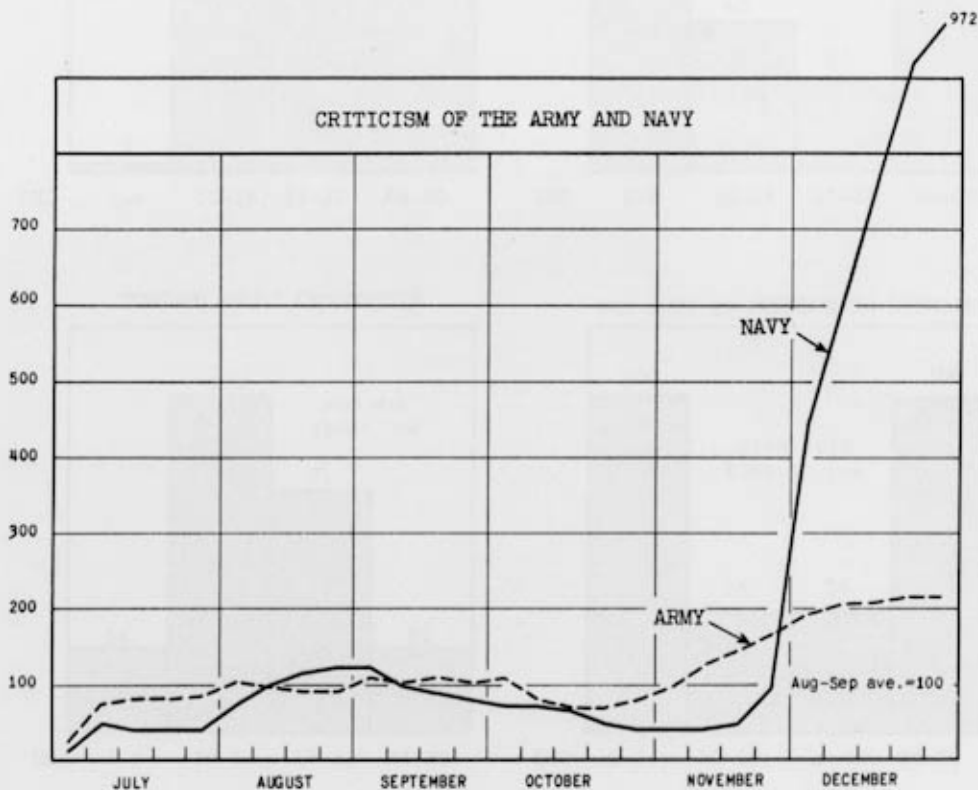
Source of Information: Statistics Branch, General Staff, December 30, 1941

EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 31, 1941

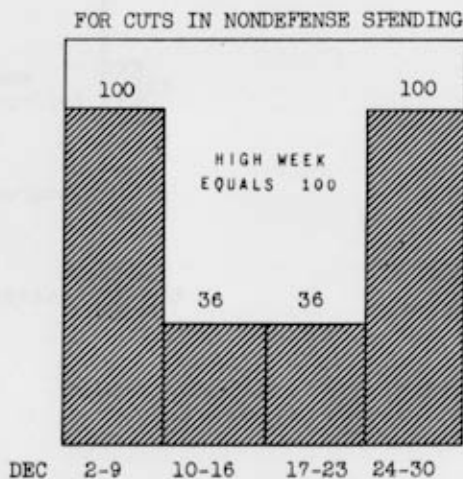
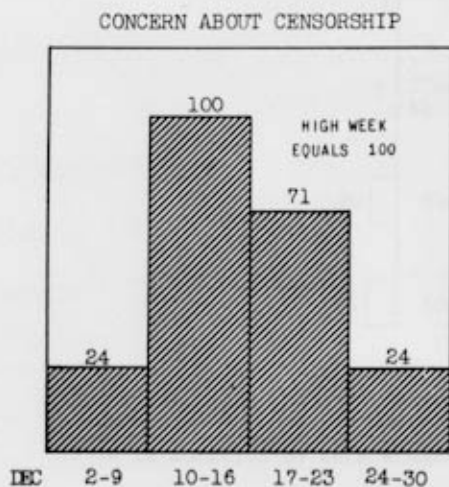
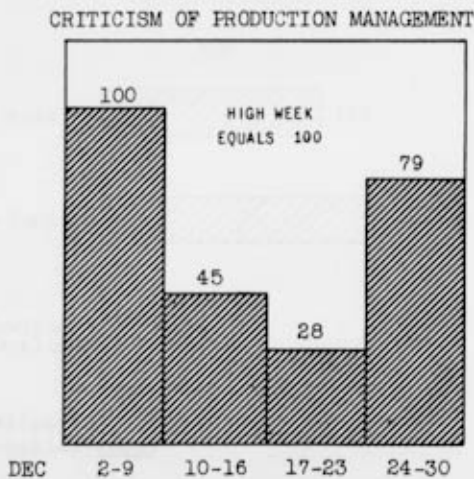
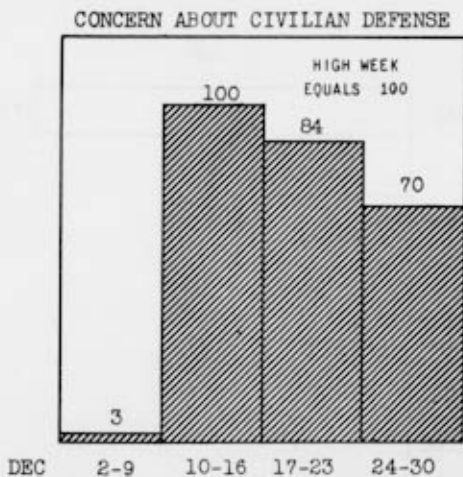
PERCENT OF OPINIONS EXPRESSED

	In favor	Against	No opinion expressed
State Department stand about Saint Pierre and Miquelon	21	21	58
Confidence in feasibility of labor-industry agreement	11	63	26



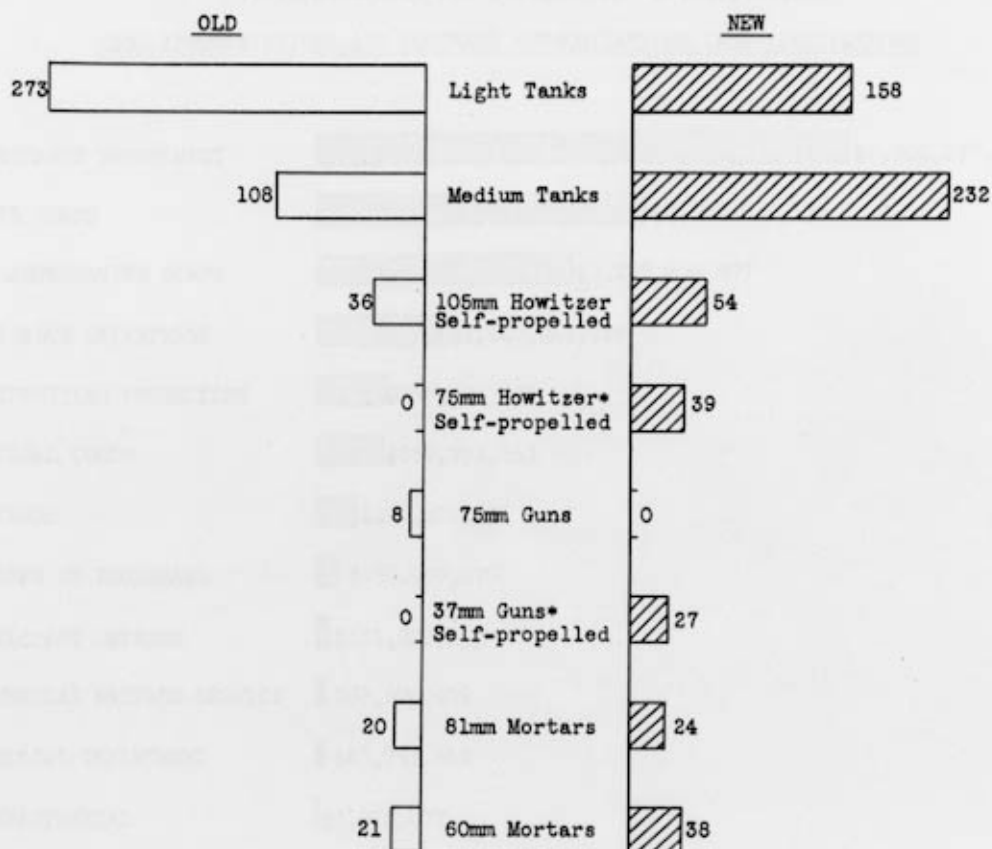
EDITORIAL CONCERN ABOUT OUR MILITARY PROGRESS - Tallied from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, December 31, 1941



RE-ORGANIZED ARMORED DIVISION - MORE FIREPOWER - MORE SPEED

Source of Information: First Ind., Adjutant General's Office, December 6, 1941



* In addition to tank armament.

STATUS OF APPROPRIATIONS - MILITARY ESTABLISHMENT FISCAL YEAR 1942

Source of Information: Appropriation Acts

Cash Appropriations	22,021,305,870
Contract Authorization	<u>183,145,695</u>
	22,204,451,565
Provision for Liquidations	<u>-3,359,373,076</u>
Total Available for Obligations	18,845,078,489

CASH APPROPRIATIONS AND CONTRACT AUTHORIZATIONS LESS LIQUIDATIONS

ORDNANCE DEPARTMENT	 \$6,904,137,877
AIR CORPS	 \$4,225,050,139
QUARTERMASTER CORPS	 \$3,297,809,807
FINANCE DEPARTMENT	 \$1,640,249,718
EXPEDITING PRODUCTION	 \$888,024,800
SIGNAL CORPS	 \$858,772,053
OTHERS	 \$490,671,838
CORPS OF ENGINEERS	 \$259,959,470
SEACOAST DEFENSE	 \$101,806,653
CHEMICAL WARFARE SERVICE	 \$85,604,439
MEDICAL DEPARTMENT	 \$83,773,618
DEPARTMENTAL	 \$9,218,077
TOTAL AVAILABLE FOR OBLIGATION	\$18,845,078,489

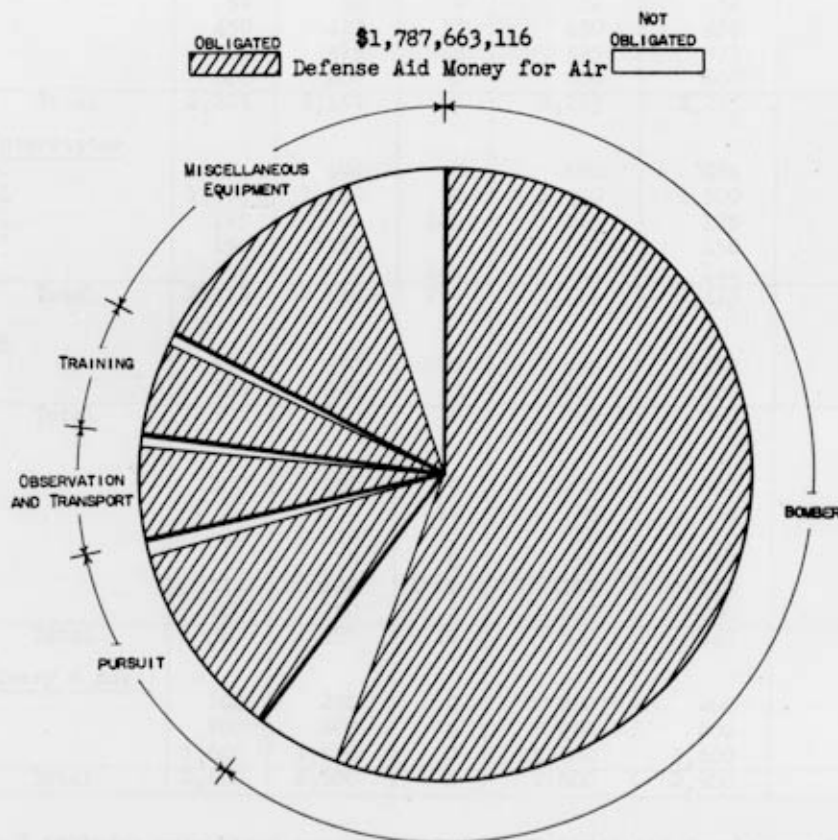
PROVISION FOR LIQUIDATION OF PRIOR OBLIGATIONS (NOT SHOWN ON DIAGRAM)

AIR CORPS	\$1,203,951,978	SEACOAST DEFENSE	\$28,628,047
ORDNANCE DEPARTMENT	1,103,925,950	CORPS OF ENGINEERS	25,993,500
EXPEDITING PRODUCTION	771,896,000	MEDICAL DEPARTMENT	6,526,819
QUARTERMASTER CORPS	149,423,954	CHEMICAL WARFARE	2,845,634
SIGNAL CORPS	66,181,194		

DEFENSE AID - STATUS OF AIR CORPS FUNDS - NOVEMBER 30, 1941

Source of Information: Materiel Division - Air Corps

The total amount of Defense Aid money allocated to the Air Corps is \$1,787,663,116. Of this amount \$1,576,243,043 has been obligated. The following diagram shows the division of the funds by type of plane. The sector titled miscellaneous includes engines, propellers, electrical equipment, ferrying of aircraft and all items in the Air Corps program not classed under the actual airplane types.



DEFENSE AID - TABULAR SUMMARY - CURRENT AIR CORPS PROCUREMENT - NOVEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Airplanes	Defense Aid Program I*			Total Contracted	Total Scheduled	Total Del. Thru Dec 23
	Total	Britain	China			
<u>Bomber, Heavy</u>						
B-17F	300	300	0	300	300	0
B-24D	700	700	0	700	700	0
Total	1,000	1,000	0	1,000	1,000	0
<u>Bomber, Medium</u>						
B-26B-1	500	500	0	500	500	0
L-37	200	200	0	200	200	0
Total	700	700	0	700	700	0
<u>Bomber, Light</u>						
A-20C	548	515	33	548	548	71
A-28	52	52	0	52	52	52
A-29	450	417	33	450	450	302
A-30	575	575	0	575	575	0
A-31	600	600	0	600	600	0
Total	2,225	2,159	66	2,225	2,225	425
<u>Pursuit, Interceptor</u>						
P-39D-1	494	494	0	494	494	0
P-40E-1	1,500	1,500	0	1,500	1,500	38
P-43A-1	125	0	125	125	125	0
P-51	150	150	0	150	150	0
P-66	144	0	144	144	144	60
Total	2,413	2,144	269	2,413	2,413	98
<u>Observation</u>						
O-56	550	550	0	550	550	0
A-29	200	200	0	200	200	0
Total	750	750	0	750	750	0
<u>Transport</u>						
C-47	200	200	0	200	200	0
C-53	10	0	10	10	10	0
C-59	10	10	0	10	10	7
C-60	15	15	0	15	15	3
C-61	112	112	0	112	112	45
C-63	200	200	0	200	200	0
Total	547	537	10	547	547	55
<u>Trainer(Primary & Adv.)</u>						
PT-24	200	200	0	200	200	2
AT-16	800	800	0	800	800	0
AT-6C	1,600	1,600	0	1,600	1,600	0
Total	2,600	2,600	0	2,600	2,600	2

*Program I includes only items procured under the Defense Aid Supplemental Appropriation Act 1941 of \$7,000,000,000.

DEFENSE AID - QUARTERMASTER PROCUREMENT - DECEMBER 15, 1941

Source of Information: Office of the Quartermaster General and OLLA

Item	Recommended		Allocated	Obligated	Transferred	
	From the 1.3 Billion	From Defense Aid	There are neither allo- cations nor obligations under the 1.3 billion		From the 1.3 Billion	From Defense Aid
<u>Automotive</u>						
Ambulance	0	446	438	327	0	260
Motorcycle	412	9,757	9,757	6,200	0	454
Passenger car	0	1,103	1,072	916	0	801
Tractor	0	185	50	25	0	0
Trailer & semi-trailer	0	7,161	7,161	2,513	0	708
Truck, thru 1 ton	348	18,571	18,002	4,312	264	1,398
Truck, 1½ thru 3 ton	1,482	38,424	37,697	22,823	1,542	11,279
Truck, 4 ton & over	36	13,133	12,704	8,919	90	1,344
<u>Clothing</u>						
Belt	2,000	134,100	130,000	130,000	0	0
Boot, rubber	0	8,650	8,650	8,650	0	0
Drawers	24,000	4,000	4,000	4,000	0	0
Glove	0	2,000	2,000	2,000	0	0
Hat	0	640	640	640	0	640
Mitten, asbestos	0	440	440	440	0	0
Raincoat	0	7,300	0	0	0	0
Shoe	4,000	0	0	0	0	0
Sock	24,000	0	0	0	0	0
Suit, oil dressed	0	75,000	75,000	0	0	0
Uniform	16,000	0	0	0	0	0
<u>Misc. Equipment</u>						
Blanket	0	320,500	318,000	320,000	0	99,320
Can, 5 gal.	0	19,950	19,950	23,037	0	8,250
Chair	0	2,050	2,050	2,050	0	0
Kettle	0	13,500	13,500	13,500	0	13,500
Pillow	0	2,000	2,000	2,000	0	0
Screen	0	2,030	2,030	2,030	0	400
Sheet	0	10,000	10,000	10,000	0	0
Tent	0	139,110	132,110	132,110	0	25,968
Thread	0	10,000	10,000	10,000	0	0
Towel	0	10,000	10,000	0	0	0
Whistle	0	7,000	7,000	7,000	0	7,000

DEFENSE AID - SHIPPING DATA - CHEMICAL WARFARE - NOVEMBER 30, 1941

Source of Information: Office of Chief of Chemical Warfare Service

The following tabulation consists of all the Chemical Warfare items which are on hand awaiting shipment. When the shipping instructions have not been issued, the foreign government appears unable to ship the goods.

Item	Quantity Shipped	Quantity on Hand Awaiting Shipment	
		Shipping Instructions Issued	Shipping Instructions Not Issued
Bag, anti-gas	0	23,000	0
Benzoyl chloride (lbs.)	55,990	18,700	0
Book, detector, gas spray	67,100	15,000	58,100
Cape, anti-gas	63,980	119,940	0
Carrier, gas mask	0	0	10,000
Collective protector	0	3	0
Container, 1 ton (Phosgene)	225	12	582
Curtain, gas proof	18,750	1,680	0
Detector, gas sleeve, M1	153,900	0	134,900
Detector, gas spray frames	0	0	58,000
Detector, paint (4 oz. can)	0	0	30,000
Detector, paper, type A	0	225,000	0
Diethyl carbonate (lbs.)	0	0	2,240
Ethyl chloroformate (lbs.)	0	0	4,480
Glove, rubber, anti-gas	508,000	0	30,000
Ointment, protective (lbs.)	0	0	89,367
Overboot, anti-gas	15,480	0	10,894
Phosgene (lbs.)	360,000	28,000	382,400
Shield, eye, anti-gas	1,895,400	650,000	4,600
Thrower, flame	0	0	3
Wallet, anti-gas, No. 1	108,800	63,200	42,000

TEXT SUMMARY - ORDNANCE DEPARTMENT - JANUARY 3, 1942

Source of Information: Ordnance Department and OUSW

GENERAL

As compared with one year ago, the amount of new money made available thus far during the fiscal year has increased over fourfold. New funds made available during the 1942 fiscal year currently exceed eight and one-half billion dollars, as against approximately two billion dollars appropriated during the first half of the 1941 fiscal year.

During the past calendar year the volume of ordnance equipment and ammunition placed under contract has increased about threefold, while the aggregate quantity authorized has grown nearly fourfold.

Acceptances during 1941 represent close to one-fifth of the equipment authorized and one-twentieth of the ammunition now authorized.

DECEMBER ACCEPTANCES

Preliminary reports on December acceptances of equipment indicate that the volume was generally greater than had been scheduled. These figures for selected items compare as follows:

	<u>November</u> <u>Accepted</u>	<u>December</u> <u>Scheduled</u>	<u>Accepted</u> (preliminary)
Tank, light, M3	338	310	399
Tank, medium, M3	325	420	474
Gun, 75mm, tank	174	324	405
Gun, 90mm A.A.	25	25	33
Cartridge, cal.30 (Thous.)	73,082	131,744	99,173
Cartridge, cal.50 (Thous.)	5,691	18,600	13,070

TNT DELIVERIES

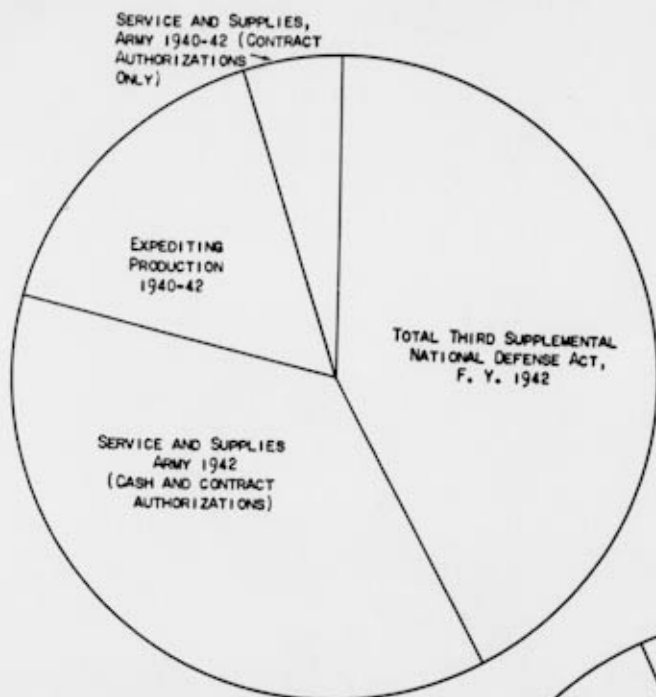
Deliveries against ordnance contracts compare as follows:

(Thousand pounds)	<u>November</u> <u>Actual</u>	<u>December</u> <u>Estimated</u>	<u>Preliminary *</u>
Atlas Powder Co.	200	200	400
E. I. duPont de Nemours & Co.	2,000	1,150	2,400
Kankakee Ordnance Works	4,650	9,000	9,640
Plum Brook Ordnance Works	0	300	0
Triton Chemical Corp.	25	100	104
Trojan Powder Co.	0	300	0
Weldon Spring Ordnance Works	1,100	3,500	3,600
Total	7,975	14,550	16,144

* December 1 through 27, inclusive.

FUNDS AVAILABLE - FISCAL YEAR 1942 - DECEMBER 12, 1941

Source of Information: Fiscal Division, Ordnance Department and G-4

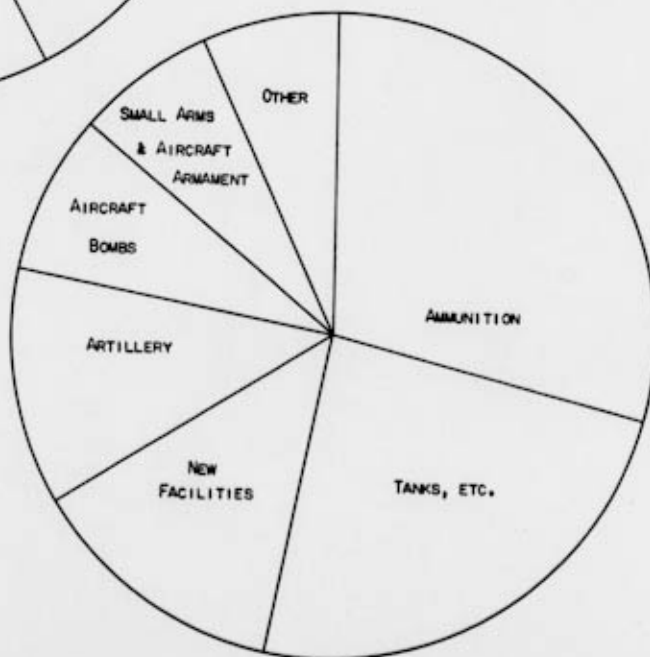


SOURCES:

	<u>MILLIONS</u>
TOTAL THIRD SUPPLEMENTAL NATIONAL DEFENSE ACT, F. Y. 1942	\$ 3,733
SERVICE AND SUPPLIES, ARMY 1942 (CASH AND CONTRACT AUTHORIZATIONS)	3,205
EXPEDITING PRODUCTION OF EQUIPMENT AND SUPPLIES FOR NATIONAL DEFENSE 1940-42 CASH	1,419
SERVICE AND SUPPLIES, ARMY 1940-42 (CONTRACT AUTHORIZATIONS ONLY)	405
TOTAL	\$ 8,762

DISTRIBUTION:

	<u>MILLIONS</u>
AMMUNITION	\$ 2,511
TANKS	2,095
NEW FACILITIES	1,144
ARTILLERY	1,031
AIRCRAFT BOMBS	726
SMALL ARMS & AIRCRAFT ARMAMENT	671
OTHER	584
TOTAL	\$ 8,762



EQUIPMENT PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

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

Item	Total procurement authorized*	Preliminary acceptances thru Dec 15	Percent of total authorization			
			Contracted	Scheduled	Due	Accepted Dec 15
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,553	12,476	97	97	13	13
Machine gun, cal.50	221,314	37,951	94	94	16	17
Gun, 20mm, automatic	79,663	632	60	60	.1	.8
Gun, 37mm, automatic	5,907	268	49	49	3	5
<u>Combat Vehicles</u>						
Tank, light	11,885	2,697	50	50	21	23
Tank, medium	27,791*	1,181	45	38	4	4
Tank, heavy	600	0	17	2	0	0
Scout car	8,440	2,730	41	41	32	32
Personnel carrier, 8-man	6,691	3,275	87	87	49	49
Personnel carrier, 13-man	6,157	1,614	90	90	22	26
Submachine gun, cal.45	852,243	185,916	40	40	21	22
Gun, 37mm tank	34,113*	4,261	50	50	14	12
Gun, 75mm tank	25,064*	698	39	25	2	3
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,284	107	53	30	2	2
Gun, 40mm	8,236	0	51	27	0	0
Gun, 37mm	3,195	502	100	100	16	16
Machine gun, cal.50 (W.C.)	37,802	3,206	70	70	8	8
<u>Artillery</u>						
Howitzer, 75mm	1,318	349	100	76	22	26
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,297	479	100	91	7	11
Gun, 4.5" AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	34	100	100	8	7
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	951	100	71	71	72
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,326	100	91	82	84
Carriage, 155mm gun	853	291	100	100	33	34
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,332,069	361,775	93	93	25	27
Machine gun, cal.30 (Var.)	284,829a	55,190a	56a	56a	21a	19a
Machine gun, cal.50 (H.B.)	65,999a	2,805a	48a	48a	7a	4a
Gun, 37mm antitank	12,388	2,127	79	77	14	17
Mortar, 60mm	11,162	6,689	100	100	56	60
Mortar, 81mm	6,705	2,478	70	67	34	37

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

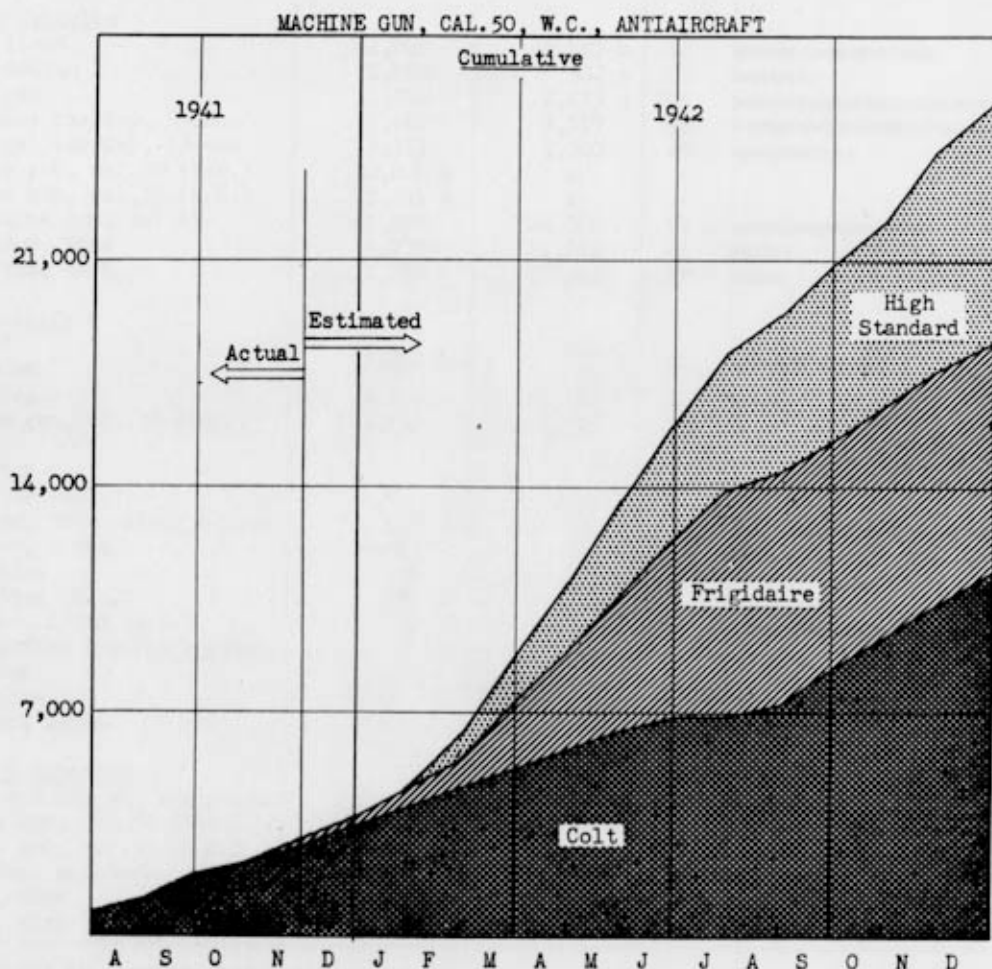
a Figures include armament for combat vehicles.

ANTIAIRCRAFT - MACHINE GUN, CALIBER .50, W. C. - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department and OUSW

The Third Supplemental National Defense Appropriation Act, 1942 has authorized the purchase of 6,329 caliber .50 antiaircraft machine guns in addition to the 26,423 now ordered and scheduled.

Final deliveries for the scheduled guns are estimated for January, 1943. Acceptances are expected to reach a monthly peak of 2,434 in June, 1942. For the past four months Colt has produced ahead of schedule. Frigidaire has started production and, as of December 20, 1941, deliveries of 58 guns had been reported.



EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 23, 1941

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

Item	Initial requirements 1,850,000 men	Stocks in hands of Field Service	%	Percent of requirements								
				0	20	40	60	80	100			
<u>Aircraft Armament</u>												
Machine gun, cal.30, fix.&fl.	32,688	14,103	43									
Machine gun, cal.50, fix.&fl.	61,539	24,331	40									
Gun, 20mm automatic	1,815	1	.06									
Gun, 37mm automatic	2,155	202	9									
<u>Combat Vehicles</u>												
Tank, light	1,699	1,147 b	68									
Tank, medium	1,788	502 c	28									
Scout car	1,261	2,453 d	195									
Personnel carrier, 8-man	3,467	3,117	90									
Personnel carrier, 13-man	3,311	1,340	40									
Machine gun, cal.30 (Var.)	32,626 a	a	-									
Machine gun, cal.50 (H.B.)	5,491 a	a	-									
Submachine gun, cal.45	41,859	28,008	67									
Gun, 37mm, tank	6,235	1,261	20									
Gun, 75mm, tank	1,762	303	17									
<u>Antiaircraft</u>												
Gun, 3" }	1,237	566 }	52									
Gun, 90mm }		72 }										
Gun, 37mm	2,315	481	21									
Machine gun, cal.50 (W.C.)	18,611	1,185	6									
<u>Artillery</u>												
Gun, 75mm (H.S.)	-	938	-									
Howitzer, 75mm, field & pack	249	231	93									
Howitzer, 105mm	2,061	308	15									
Gun, 155mm	95	17	18									
Gun, 155mm (H.S.)	587	198	34									
Howitzer, 155mm (H.S.)	631	1,219	193									
<u>Unmodified & other models</u>												
Gun, 75mm	-	2,383	-									
Gun, 155mm	-	783	-									
Howitzer, 155mm	-	579	-									
<u>Infantry Armament</u>												
Rifle, cal.30, M1, semiauto.	797,085	332,443	42									
Machine gun, cal.30 (Var.)	53,555	51,961	97									
Machine gun, cal.50 (H.B.)	16,964	2,501	15									
Gun, 37mm, antitank	6,276	2,064	33									
Mortar, 60mm	4,579	6,351	139									
Mortar, 81mm	2,035	2,376	117									

a Included in Infantry Armament.

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

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 23, 1941

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

Item	Total requirements 3,625,000 men	Stocks in hands of Field Service	Percent of requirements					
			%	0	20	40	60	80 100
<u>Aircraft Armament</u>								
Machine gun, cal.30, fix.&fl.	44,260	14,103	32					
Machine gun, cal.50, fix.&fl.	131,837	24,331	18					
Gun, 20mm, automatic	3,721	1	.03					
Gun, 37mm, automatic	2,896	202	7					
<u>Combat Vehicles</u>								
Tank, light	4,341	1,147 b	26					
Tank, medium	5,902	502 c	9					
Scout car	2,709	2,453 d	91					
Personnel carrier, 8-man	10,497	3,117	30					
Personnel carrier, 13-man	8,208	1,340	16					
Machine gun, cal.30 (Var.)	125,849 a	a	-					
Machine gun, cal.50 (H.B.)	14,712 a	a	-					
Submachine gun, cal.45	155,279	28,008	18					
Gun, 37mm, tank	30,392	1,261	4					
Gun, 75mm, tank	5,872	303	5					
<u>Antiaircraft</u>								
Gun, 3" }	2,095	566 }	30					
Gun, 90mm }		72 }						
Gun, 37mm	6,849	481	7					
Machine gun, cal.50 (W.C.)	32,983	1,185	4					
<u>Artillery</u>								
Gun, 75mm (H.S.)	-	938	-					
Howitzer, 75mm, field & pack	352	231	66					
Howitzer, 105mm	3,211	308	10					
Gun, 155mm	283	17	6					
Gun, 155mm (H.S.)	969	198	20					
Howitzer, 155mm (H.S.)	1,043	1,219	117					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,383	-					
Gun, 155mm	-	783	-					
Howitzer, 155mm	-	579	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,524,735	332,443	22					
Machine gun, cal.30 (Var.)	176,047	51,961	30					
Machine gun, cal.50 (H.B.)	47,870	2,501	5					
Gun, 37mm, antitank	12,681	2,064	16					
Mortar, 60mm	8,227	6,351	77					
Mortar, 81mm	4,105	2,376	58					

a Included in Infantry Armament.

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

AMMUNITION PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

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

Item	Total procurement authorized (Thousands)	Preliminary acceptances thru Dec 15 (Thousands)	Percent of total authorization		
			Scheduled thru Dec '42	Due	Accepted Dec 15
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20#	2,047	451	83	19	22
Bomb, demo., 100#, 300#, 500#	1,698	205	98	11	12
Bomb, demo., 1000#	524	2	19	-	-
Bomb, chem., 30#, 100#	603	211	100	31	35
Cartridge, 20mm	133,686	5,409	100	3	4
Shell, H.E., 37mm	2,098	596	98	27	28
Flares	902	236	87	30	26
Signals	2,789	1,104	100	39	40
<u>Antiaircraft</u>					
Shell, 37mm, H.E.	17,695	706	76	4	4
Shell, 40mm, H.E.	13,108	0	49	1	0
Shell, 3", H.E.	2,269	467	82	14	21
Shell, 90mm, H.E.	4,257	19	73	-	-
Shell, 105mm, H.E.	12	0	100	0	0
Shell, 4.7", H.E.	200	0	15	0	0
<u>Artillery</u>					
Shell, H.E., s c, 75mm gun	2,285	440	100	14	19
Shell, g & s, 75mm gun	1,108	85	55	4	8
Shot, A.P., 75mm gun	12,588	0	5	0	0
Shell, H.E., 75mm how.	4,927	273	99	5	6
Shell, H.E., 105mm how.	19,710	81	72	-	-
Shell, H.E., 155mm gun	1,360	2	92	-	-
Charge, prop., 155mm gun	2,248	253	86	11	11
Shell, H.E., 155mm how.	6,136	106	77	1	2
Shell, g & s, 155mm how.	1,634	6	27	0	-
Charge, prop., 155mm how.	8,851	843	88	10	10
Primer, 21 gr.	12,136	299	76	2	2
Fuzes (all)	14,315	3,254	93	22	23
<u>Infantry</u>					
Cartridge, cal.30	8,655,284	744,207	88	8	9
Links, met. belt, cal.30	1,025,225	157,003	97	14	15
Cartridge, cal.45	1,302,157	261,059	45	20	20
Cartridge, cal.50	2,609,884	80,550	81	3	3
Links, met. belt, cal.50	3,082,433	144,923	99	4	5
Shot & shell, 37mm	44,861	618	54	1	1
Shell, H.E., 60mm	11,310	196	100	-	2
Shell, H.E., 81mm	5,681	170	97	4	3
Shell, smoke, 81mm	456	0	100	0	0
Grenade, H.E., frag.	8,749	921	39	9	11
Signals, ground & light	6,804	1,233	71	17	18
Mine, antitank	3,146	0	94	0	0

* Unfilled.

Ø Unfuzed.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp														
Flint	-							95						
Dayton	-							90						
Saginaw	-							99						
Syracuse	-							98						
Savage Arms Company	-							70						
Colt (Machine Gun)	-							90						
Mesta Machine Co.	-							98						
Chain Belt Co.	-							-						
Munitions Mfg. Co.	-							-						

Facility	Location	Planned Capacity Monthly	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Machine Gun</u>						
General Motors	Flint, Mich. }	3,541 }	\$21,251	81	3-41	12-41
	Dayton, Ohio }				6-41	4-42
	Saginaw, Mich. }	2,917 }			3-41	4-42
	Syracuse, N. Y. }				8-41	1-42
Savage Arms	Utica, N. Y.	3,200	17,717	47	7-41	12-41
Colt	Hartford, Conn.	700	4,818	64	6-41	4-42
<u>155mm Gun</u>						
Mesta	W. Homestead, Pa.	60	1,780	99	10-41	1-42
<u>4.7" Gun A.A.</u>						
Chain Belt	Milwaukee, Wisc.	50	2,792	-	-	-
<u>3" Gun</u>						
Munitions	Poughkeepsie, N.Y.	200	2,500	-	-	-

Ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Wheland Co.	-							-						
Worthington Pump & Mach.	-							-						
Allis Chalmers	-							-						
Otis Elevator Co.	-							-						
R. Hoe Co.	-							-						
Olds Motor Works	-							-						
Yoder Co.	-							-						
Colt (37mm Gun)	-							96						
Bendix Aviation Corp.	100							99						

Facility	Location	Planned Capacity Monthly	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
90mm Gun A.A.						
Wheland	Chattanooga, Tenn.	70	\$ 1,750	-	-	-
90mm Mounts						
Worthington	Holyoke, Mass.	75	2,522	-	-	-
Allis Chalmers	La Porte, Ind.	80	1,844	-	-	-
90mm Recoil Mech.						
Otis	Yonkers, N. Y.	125	906	-	-	-
R. Hoe	New York, N. Y.	115	580	-	-	-
75mm Gun, Tank						
Olds Motor	Lansing, Mich.	2,000	8,429	-	-	-
57mm Gun, Antitank						
Yoder	Cleveland, Ohio	300	1,930	-	-	-
37mm Gun						
Colt	Hartford, Conn.	750	4,810	68	6-41 6	1-42
20mm Gun						
Bendix	Elmira, N. Y.	200	1,000	-	8-41 6	2-42

~~6~~ Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Inland Mfg. Div. (GM)	-	None required						-						
Cadillac Motor Co.	-	None required						-						
Detroit Tank Arsenal	98							95						
Pressed Steel Car Co.	-	No report						-						
Pullman Standard Car Co.	-	No report						-						
American Locomotive Co.	-	None required						-						
Pacific Car & Foundry	-	None required						-						
Ford Motor Co.	-	No report						-						
Fisher Body Div. (GM)	-	No report						-						

Facility	Location	Planned Capacity Monthly	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Carbines</u>						
Inland	Dayton, Ohio	30,000	\$ 1,977	-	-	-
<u>Tank, Light, M4</u>						
Cadillac	Detroit, Mich.	300	484	-	-	-
<u>Tank, Medium, M3</u>						
Detroit	Detroit, Mich.	750	43,081	44	7-416	-
<u>Tank, Medium, M3 & M4</u>						
Pressed Steel	Chicago, Ill.	70	1,290	-	-	-
Pullman Standard	Hammond, Ind.	70	1,580	-	-	-
<u>Tank, Medium, M4</u>						
American	Schnectady, N.Y.	90	1,725	-	-	-
Pacific	Renton, Wash.	100	946	-	-	-
Ford	Dearborn, Mich.	600	38,365	-	-	-
Fisher	Flint, Mich.	400	25,782	-	-	-
<u>Tank, Heavy, T1</u>						
Fisher	Flint, Mich.	100	-	-	-	-

6 Operations actually started.

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

During the third quarter of December, 357 airplanes were accepted by the Army Air Corps. Distribution of this total by type was as follows:

Bombers	24
Pursuits	123
Service Combat	18
Trainers	192

This was the largest number of acceptances made by the Army Air Corps during the third quarter of any month in calendar year 1941.

Production of B-17F heavy bombers by Vega has been retarded by insufficient personnel. This, in turn, has affected design and fabrication of assembly jigs and fixtures.

Output of B-17F heavy bombers at Douglas (Long Beach) continues to lag from raw stock shortages.

Consolidated has corrected defects in engineering supercharger mounts for its B-24D model. Further assembly troubles are not anticipated.

North American (Inglewood) has had to reject a great number of defective hydraulic parts manufactured by Frigidaire. This has caused some delays.

Engineering releases necessary to convert the Douglas A-20 into the P-70 night fighter are being rushed. Delivery of this model in quantity is anticipated during May and June.

Shortages of propellers continue to limit production of B-26A's by Martin, P-38E's by Lockheed, P-39J's by Bell, and PT-22's by Ryan.

Delivery of the first B-26C from Martin (Omaha) has been set back from June to August 1942. This has been caused by machine tool shortages, lack of subcontracted items, lack of plant facilities, and engineering delays.

Douglas (Long Beach) has been partially successful in clearing up purchased parts and outside production shortages affecting initial output of A-20B's.

Curtiss (Buffalo) has begun production of the P-40F. Tests are being conducted on the coolant system to determine the amount of coolant that may be drained before overheating.

Republic P-47B's are still behind schedule because of poor coordination of subcontracted deliveries, principally landing gear oleos.

Machine tool shortages are limiting factors in the production of airplane engines by Studebaker, Chevrolet, Allison, and Packard.

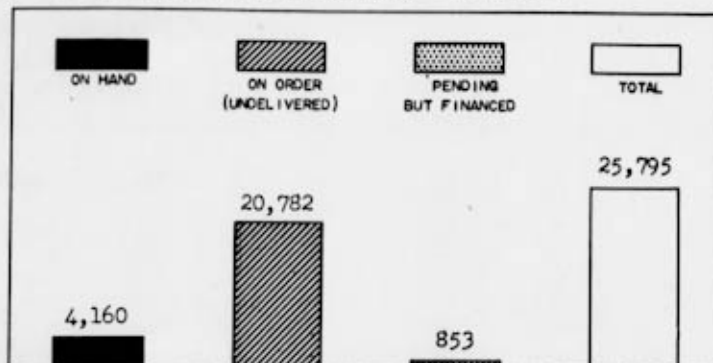
ARMY PROJECT AIRPLANE INVENTORY & STATUS OF PROCUREMENT - DECEMBER 23, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps

Tactical programs

Percentages

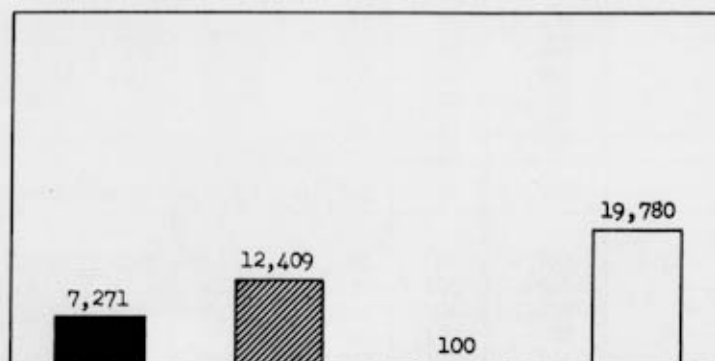
On hand	16%
On order	81%
Pending	3%
Total	100%



Trainer programs

Percentages

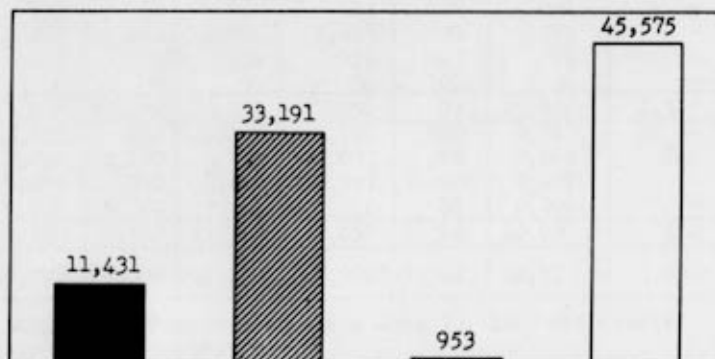
On hand	36%
On order	63%
Pending	1%
Total	100%



Total programs

Percentages

On hand	25%
On order	73%
Pending	2%
Total	100%



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

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

Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 12/23/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	175		600
Medium bomber	4,615	-	4,615	4,615	100	418		-
Light bomber	1,882	168	2,050	1,900	93	250		150
Pursuit fighter	23	150	173	173	100	10		-
Pur. inter., 2-eng.	686	1,000	1,686	1,686	100	183		-
Pur. inter., 1-eng.	4,394	4,700	9,094	8,994	99	1,879		100
Observation	533	80	613	613	100	434		-
Transport	1,118	243	1,361	1,361	100	114		-
Amphibian	74	5	79	76	96	2		3
Reconnaissance	17	-	17	17	100	14		-
Total Tactical	15,588	9,526	25,114	24,261	97	3,479		853
Primary trainer	5,490	450	5,940	5,940	100	3,464		-
Basic trainer	5,051	1,100	6,151	6,151	100	2,245		-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	1,055		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	257		100
Total Trainer	16,470	3,060	19,530	19,430	99	7,021		100
Grand Total	32,058	12,586	44,644	43,691	98	10,500		953
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,758	1,520	2,400
Medium bomber	9,230	-	9,230	9,650(c)	105	1,597	-	-
Light bomber	3,576	168	3,744	3,594	96	1,438	-	150
Pursuit fighter	46	300	346	346	100	20	-	-
Pur. inter., 2-eng.	1,372	2,000	3,372	3,372	100	1,194	-	-
Pur. inter., 1-eng.	4,394	4,700	9,094	8,994	99	2,266	-	100
Observation	533	80	613	613	100	661	-	-
Transport	2,358	486	2,844	2,818	99	774	-	26
Amphibian	148	6	154	151	97	78	-	3
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,675	20,460	51,135	47,356	93	10,820	1,520	2,679
Primary trainer	5,490	450	5,940	5,940	100	3,743	-	-
Basic trainer	5,051	1,100	6,151	6,037	98	2,562	114	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	2,299	-	1,400
Total Trainer	19,102	4,210	23,312	21,438	92	10,901	114	1,760
Grand Total	49,777	24,670	74,447	68,794(c)	92	21,721	1,634	4,439

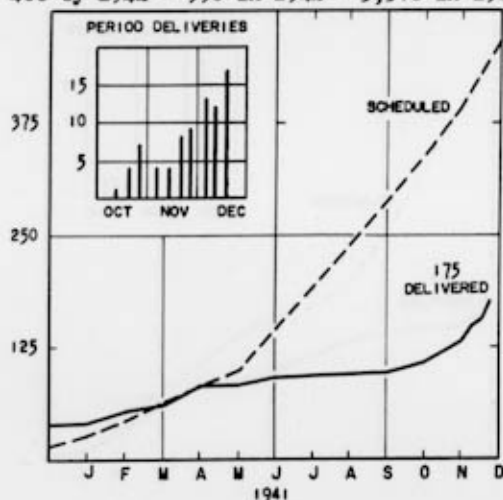
(a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.

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

(c) Amount under contract exceeds installation requirement by 420 units.

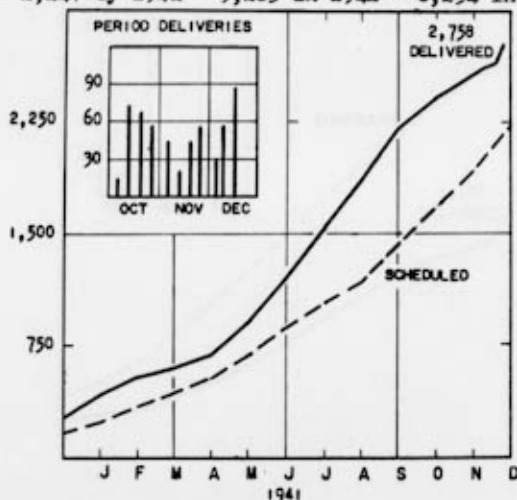
ARMY PROJECT AIRPLANES

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

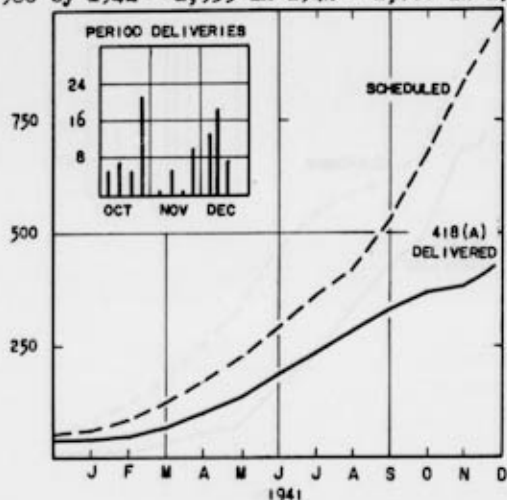


ARMY INSTALLATION ENGINES

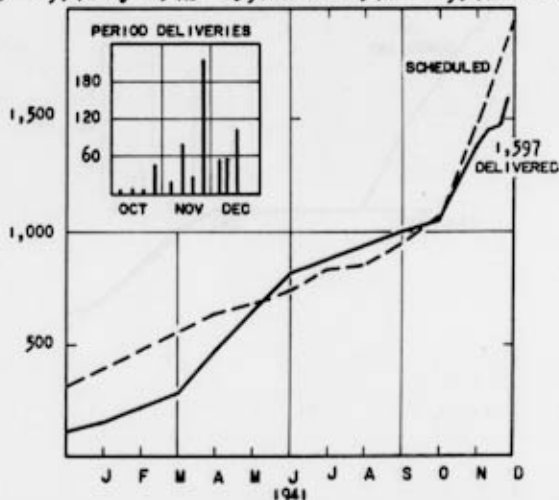
17,784 HEAVY BOMBER
2,247 by 1942 - 9,283 in 1942 - 6,254 in 1943



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



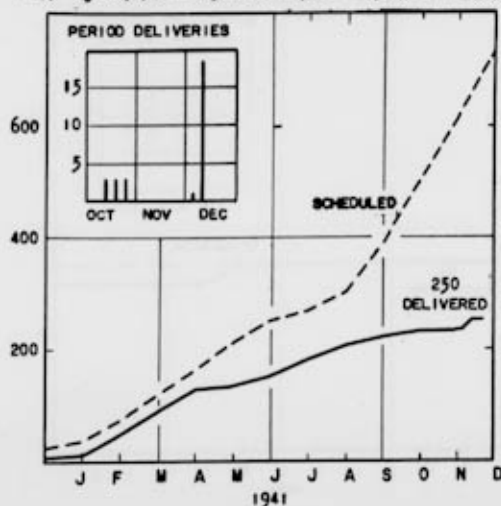
9,650 MEDIUM BOMBER
1,941 by 1942 - 5,762 in 1942 - 1,947 in 1943



(A) INCLUDES 70 UNITS ACCEPTED WITH SHORTAGES.

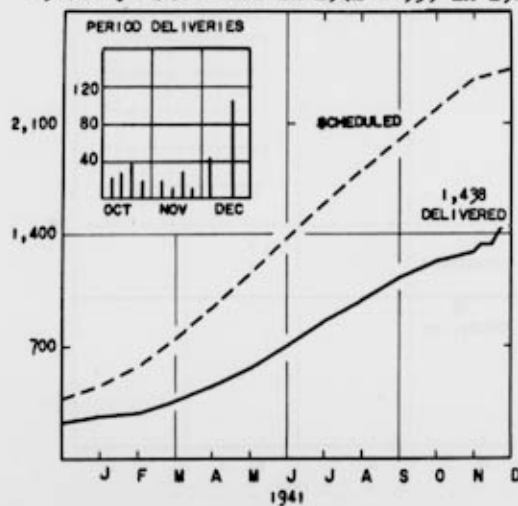
ARMY PROJECT AIRPLANES

1,900 LIGHT BOMBER
749 by 1942 - 651 in 1942 - 500 in 1943

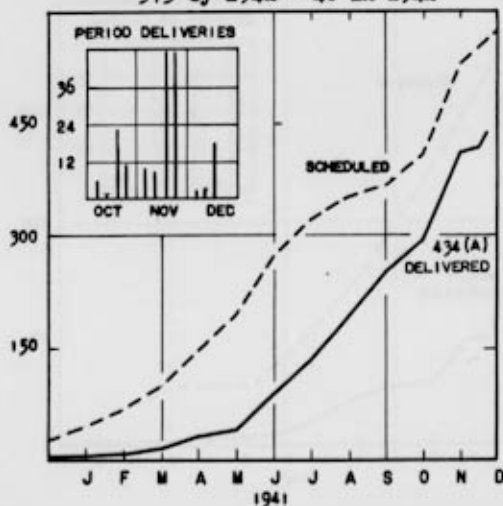


ARMY INSTALLATION ENGINE

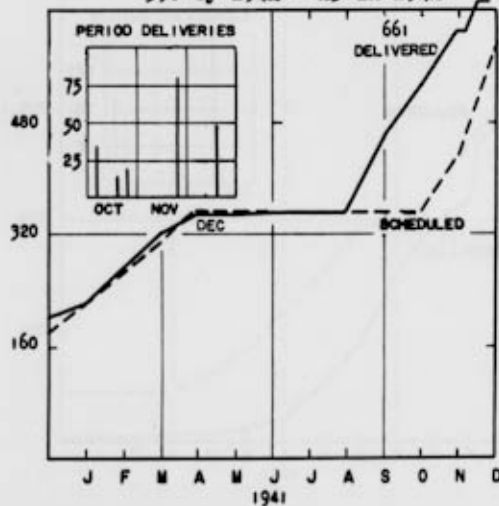
3,594 LIGHT BOMBER
2,454 by 1942 - 181 in 1942 - 959 in 1943



613 OBSERVATION
573 by 1942 - 40 in 1942



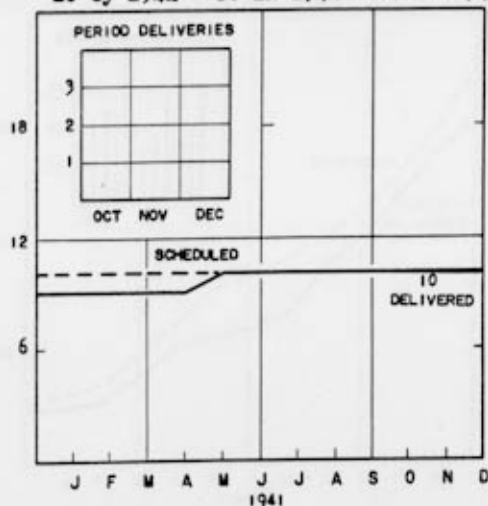
613 OBSERVATION
590 by 1942 - 23 in 1942



(A) INCLUDES 15 UNITS ACCEPTED WITH SHORTAGES.

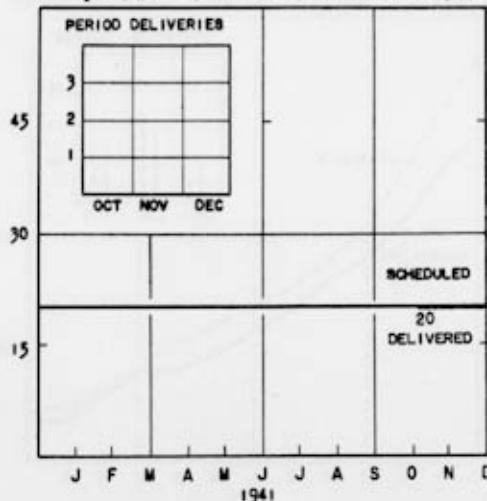
ARMY PROJECT AIRPLANES

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

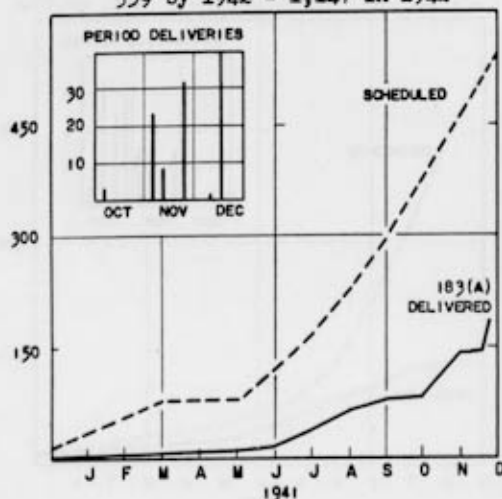


ARMY INSTALLATION ENGINES

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

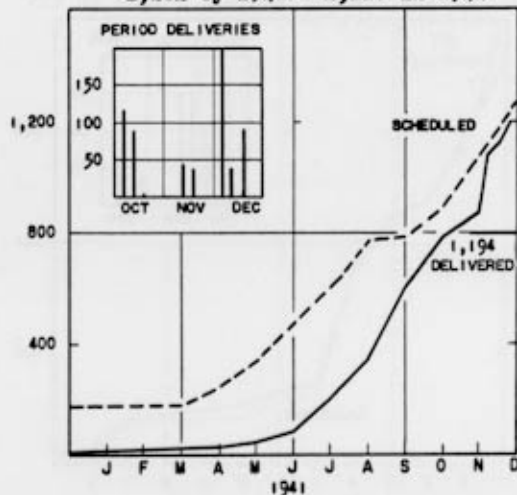


1,686 PURSUIT INTER., 2 ENG.
539 by 1942 - 1,147 in 1942



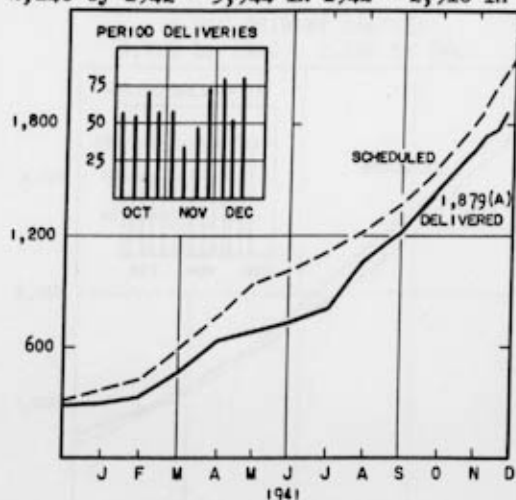
(A) INCLUDES 59 UNITS ACCEPTED WITH SHORTAGES.

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



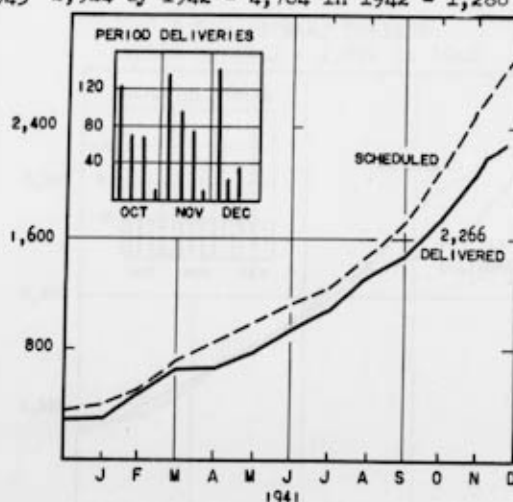
ARMY PROJECT AIRPLANES

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

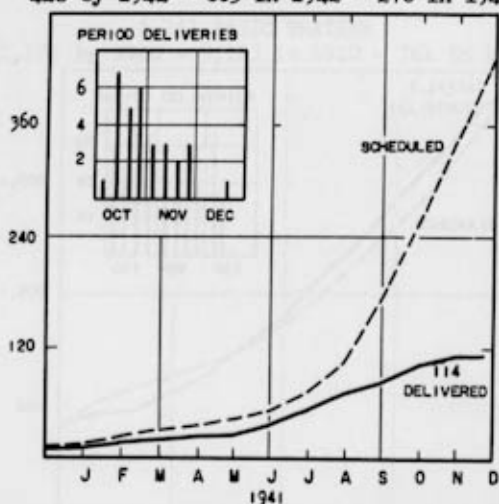


ARMY INSTALLATION ENGINES

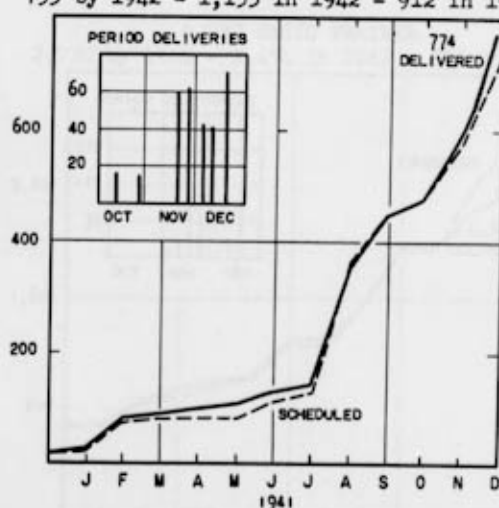
8,994 PURSUIT INTER., 1 ENG.
2,924 by 1942 - 4,784 in 1942 - 1,286 in 1943



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



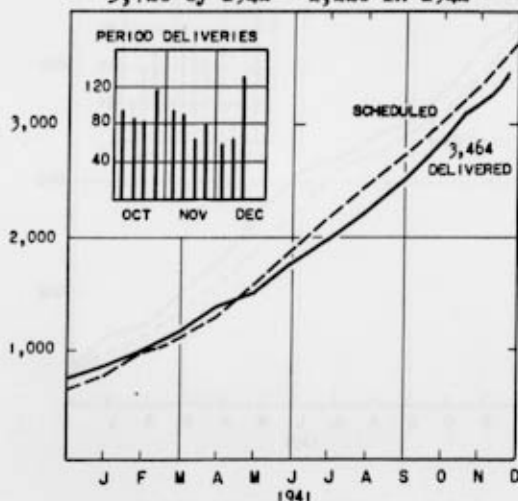
2,818 TRANSPORT
753 by 1942 - 1,153 in 1942 - 912 in 1943



(A) INCLUDES 77 UNITS ACCEPTED WITH SHORTAGES.

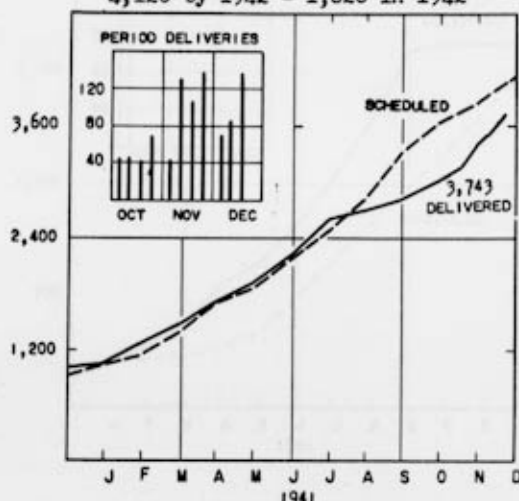
ARMY PROJECT AIRPLANES

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

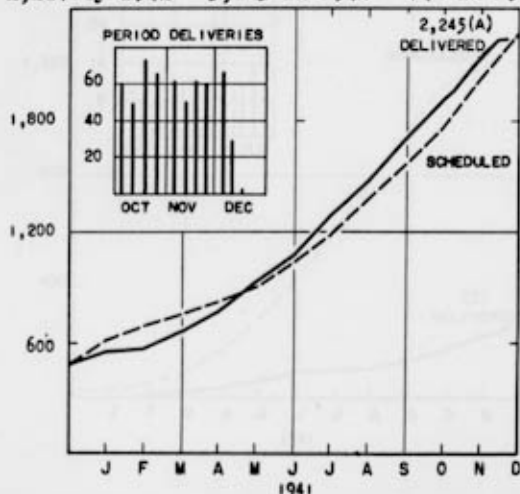


ARMY INSTALLATION ENGINES

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

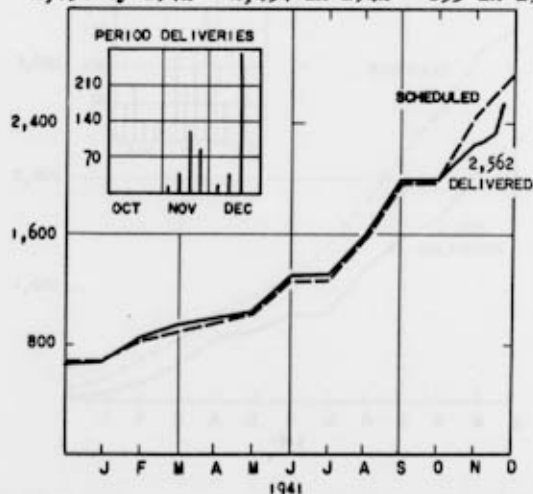


6,151 BASIC TRAINER
2,287 by 1942 - 3,123 in 1942 - 741 in 1943



(A) INCLUDES 149 UNITS ACCEPTED WITH SHORTAGES.

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

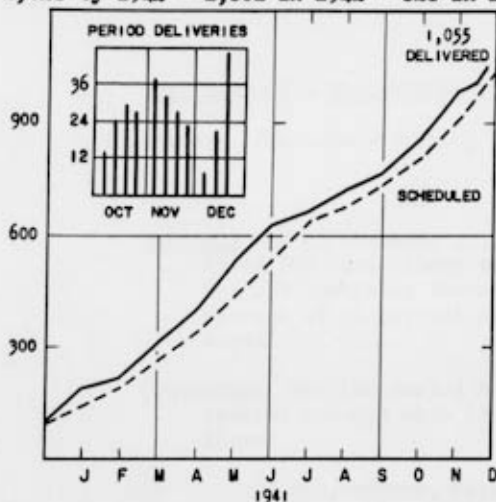


Air Corps

Statistics Branch
OUSW - 1-3-42

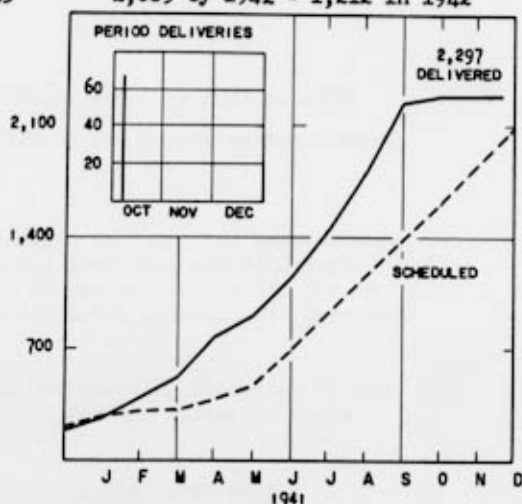
ARMY PROJECT AIRPLANES

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

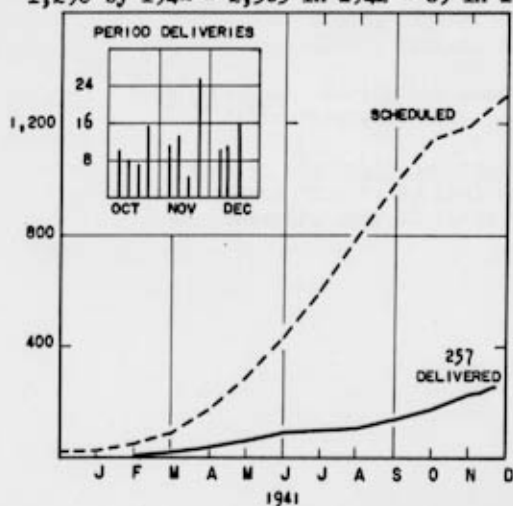


ARMY INSTALLATION ENGINES

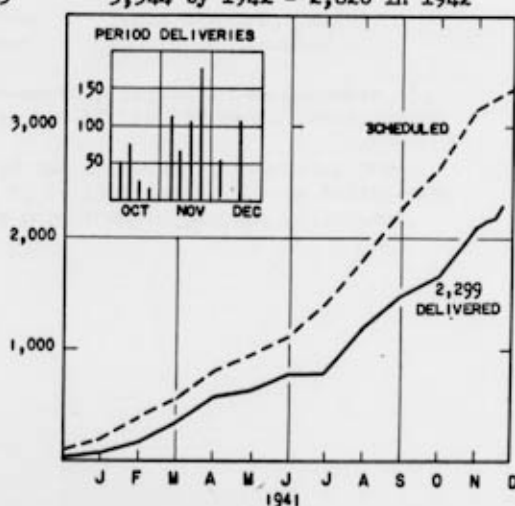
3,297 ADVANCE TRAINER, 1 ENG.
2,085 by 1942 - 1,212 in 1942



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



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



TEXT SUMMARY - PROCUREMENT OF BASIC ITEMS - January 1, 1942

Source: Statistics Branch, Office of the Quartermaster General

General: As of December 15, complete delivery has been made on 15 of 170 basic items procured from 1941 and 1942 funds. The 155 remaining items are 86 percent contracted and an average of 54 percent of their total programs has been procured.

Contracts: For the period ended December 15, increases in contracted amounts were indicated for the following basic items:

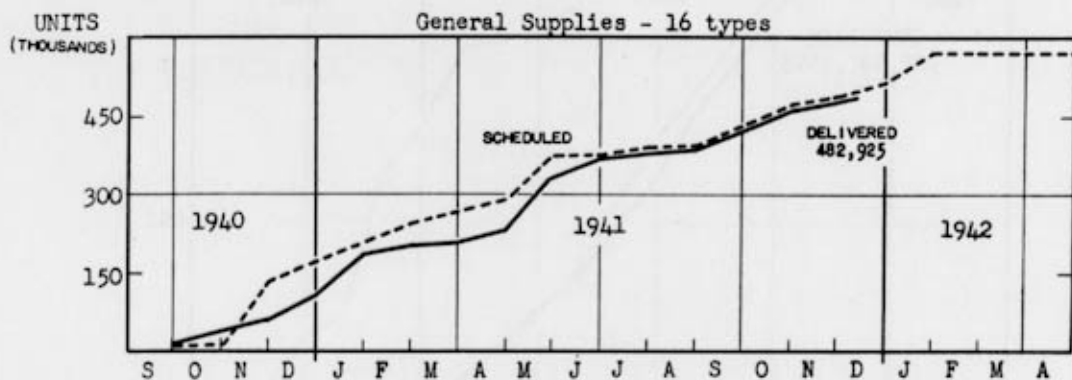
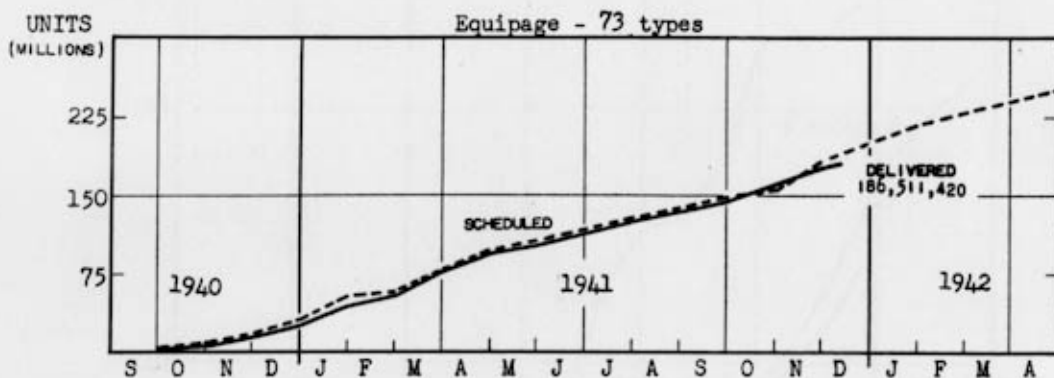
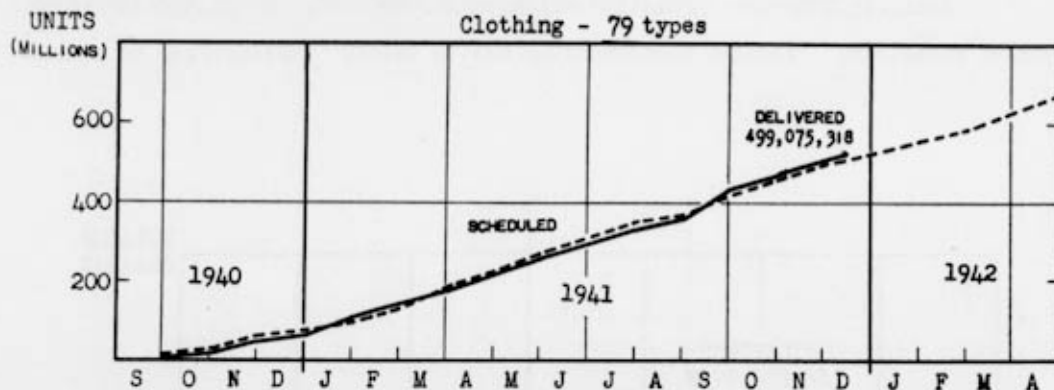
Bag, canvas, field	Cloth, suiting
Belt, web, waist	Duck, cotton, tent
Brush, shaving	Padding, canvas
Cloth, cotton, drill	Sheet, cotton, bed
Cloth, cotton, HBT	Suspenders, belt
Cloth, lining, cotton	Tent, shelter, half
Cloth, lining, Albert	Undershirt, summer

Deliveries: During the quarter-monthly period ended December 15, deliveries were effected on 108 of the 170 basic items.

Schedules and Delinquencies: Of the 170 basic items being procured from F. Y. 1941 and F. Y. 1942 funds, 57 are delinquent; however, only 21 items are more than 10 percent delinquent.

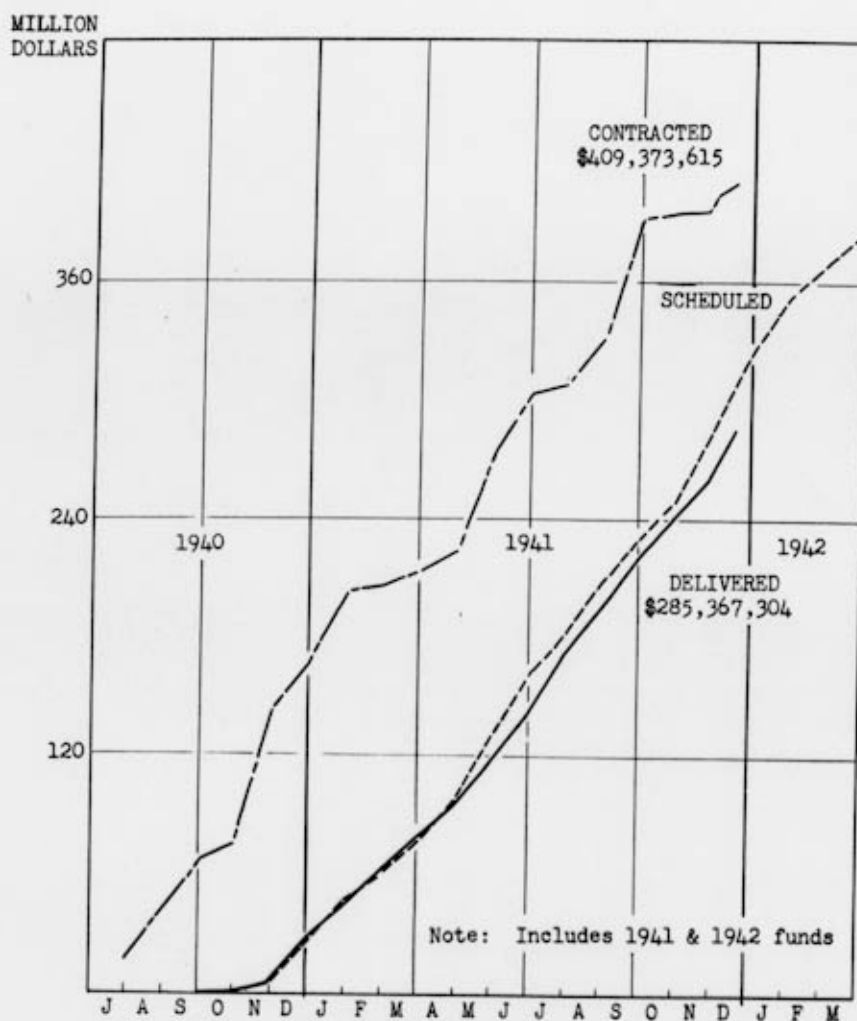
PROCUREMENT OF Q.M.C. ITEMS OF SUPPLY - F. Y. 1941 and 1942 - December 15, 1941

Source: Statistics Branch, Office of the Quartermaster General



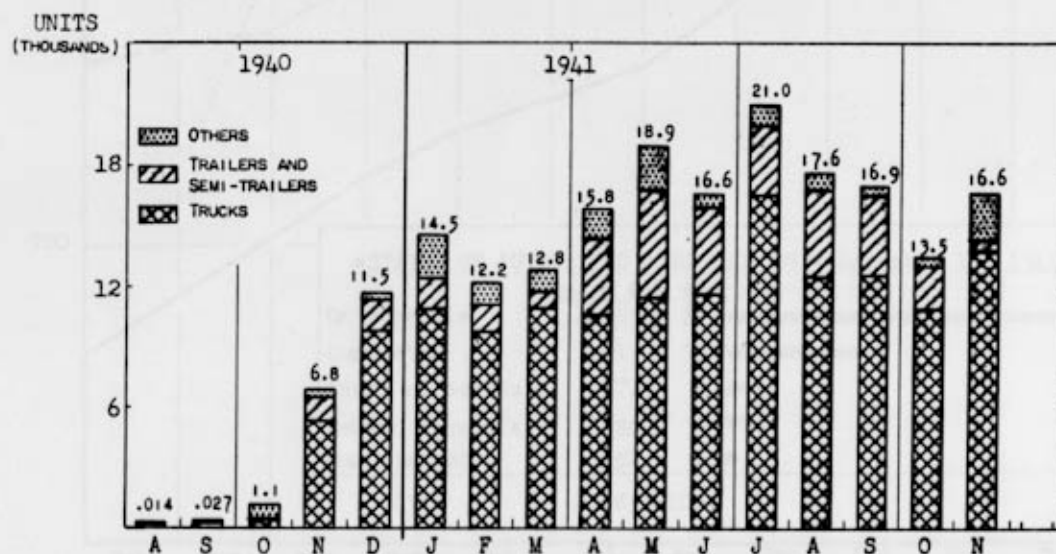
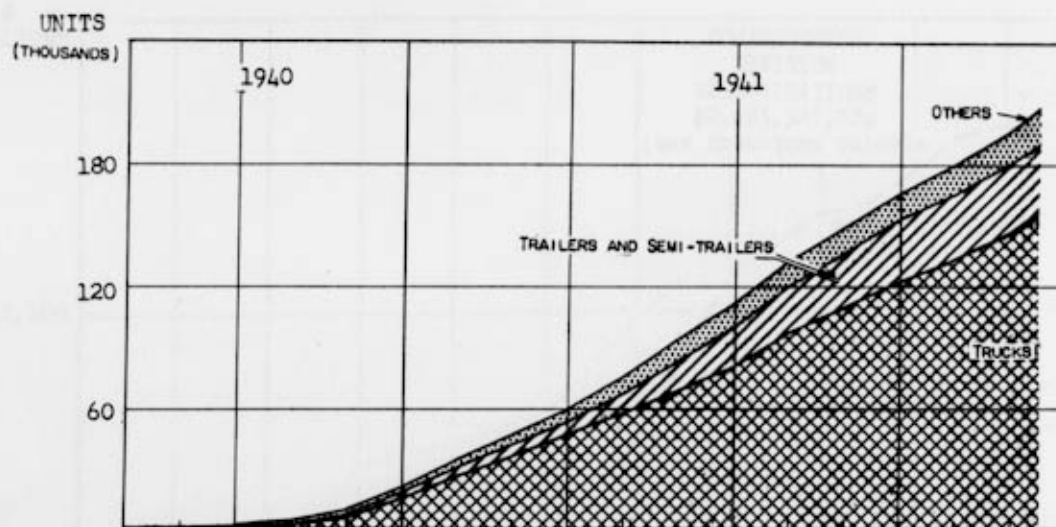
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - December 15, 1941

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



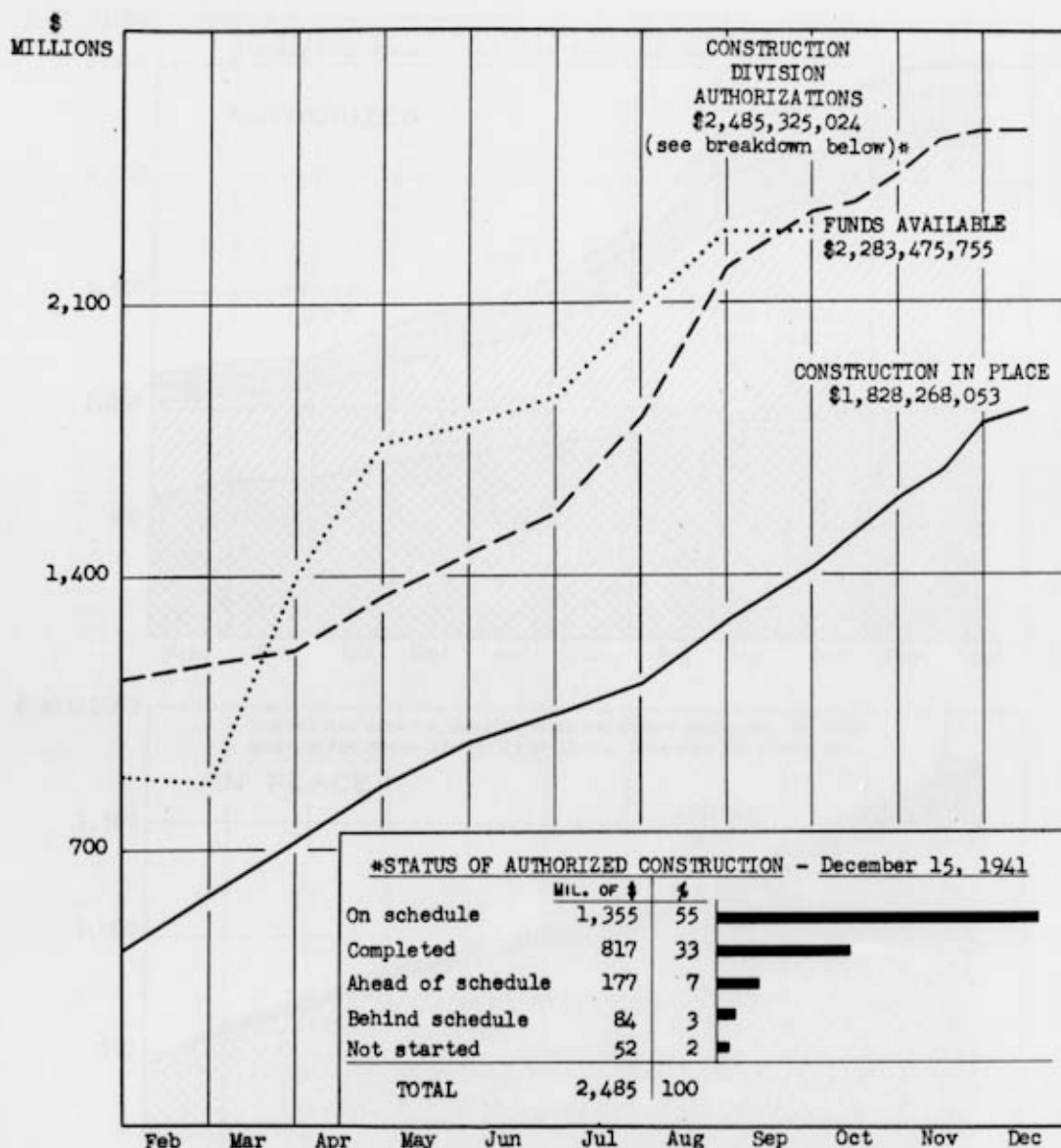
CUMULATIVE DELIVERIES OF MOTOR VEHICLES - F. Y. 1941 and 1942 PROCUREMENT

Source: Statistics Branch, Office of the Quartermaster General



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

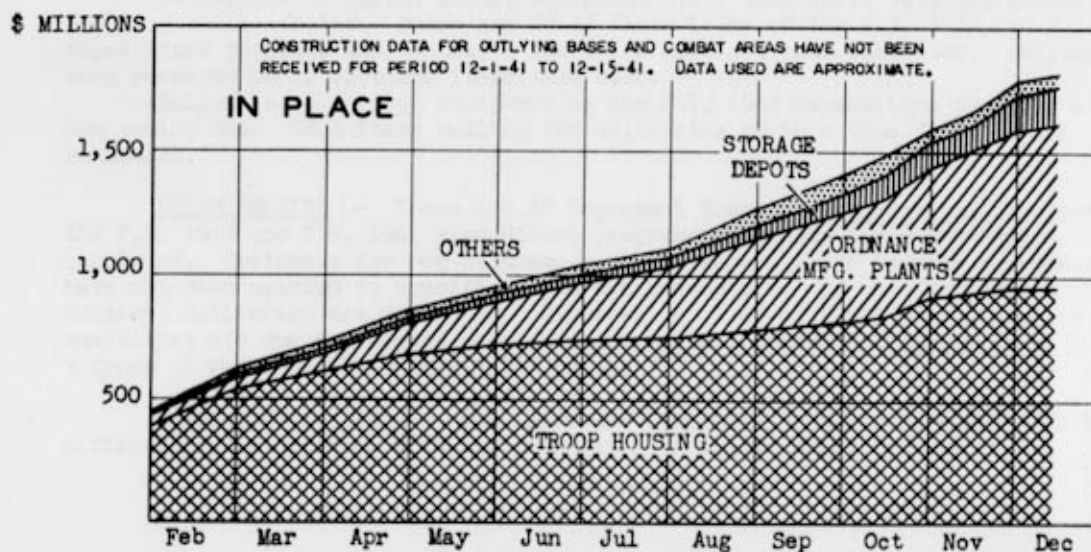
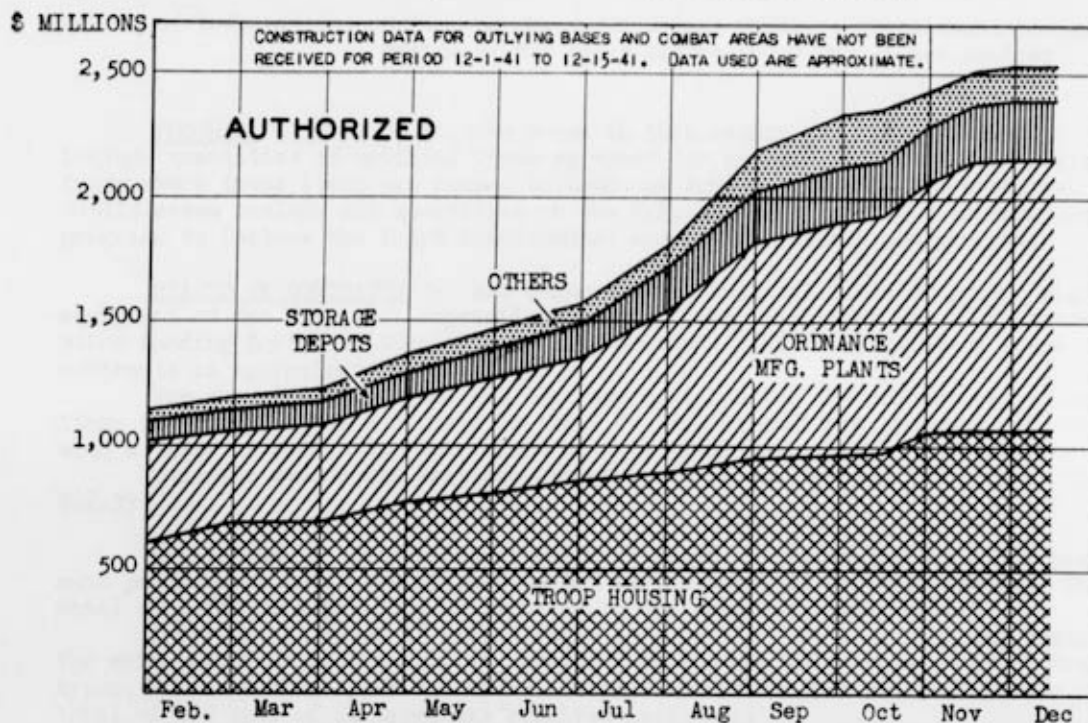
Source: Construction Division, Office of the Quartermaster General



* Excludes construction outside continental limits

STATUS OF QUARTERMASTER CONSTRUCTION - December 15, 1941

Source: Statistics Branch, Office of the Quartermaster General



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - DECEMBER 27, 1941

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

PROGRAM - Program figures shown in this report have been revised to include quantities of critical items approved for procurement with Defense Aid funds where these items are common to both our Army and Defense Aid programs. Totals shown include all quantities on the F.Y. 1941 and F.Y. 1942 expenditure programs to include the Third Supplemental and on the Defense Aid program.

STATUS OF CONTRACTS - All contracts for critical items of ground signal equipment on the F.Y. 1941 expenditure program except contract for 20 Instrument Blind Landing Equipment SCR-251 have been awarded. The total value of these contracts is approximately \$94,710,000.

The sum of \$358,507,000 has been appropriated for the procurement of critical items of ground signal equipment on the F.Y. 1942 expenditure programs. Contracts with a value of \$220,811,000 or 61.6% of this total have already been awarded.

Contract awards for critical ground items on the Defense Aid program total \$62,339,000.

DELIVERIES - Deliveries of critical ground items on the F.Y. 1941 procurement program now total \$62,528,000 or 66% of the total of contract awards. This total compares with \$61,050,000 reported in the previous weekly report.

There are 21 types of ground radio sets on the F.Y. 1941 program, contracts for which have not been completed. Deliveries are now being made on 19 of these types, the remaining types are under contract but deliveries are not yet due. A total of 480 sets of 11 types was received last week.

Deliveries of ground signal equipment other than radio sets are gradually reducing delinquencies. There are 27 of these items on the F.Y. 1940 and F.Y. 1941 expenditure programs the contracts for which have not been completed. Deliveries were received on 12 of these items last week.

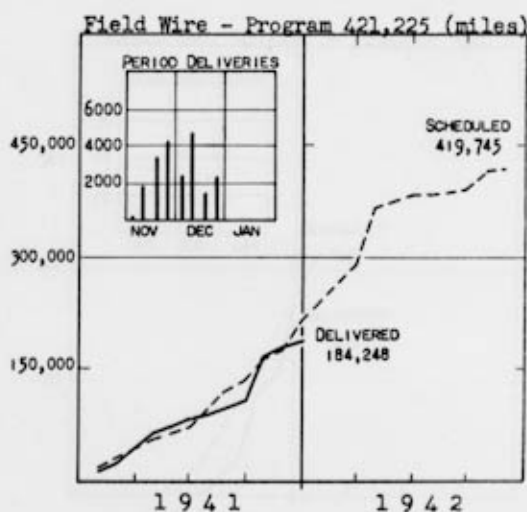
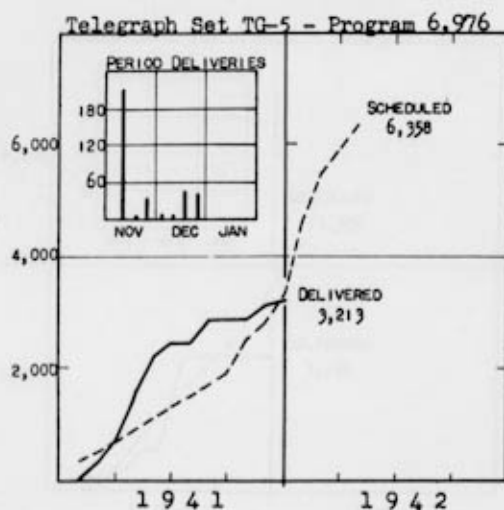
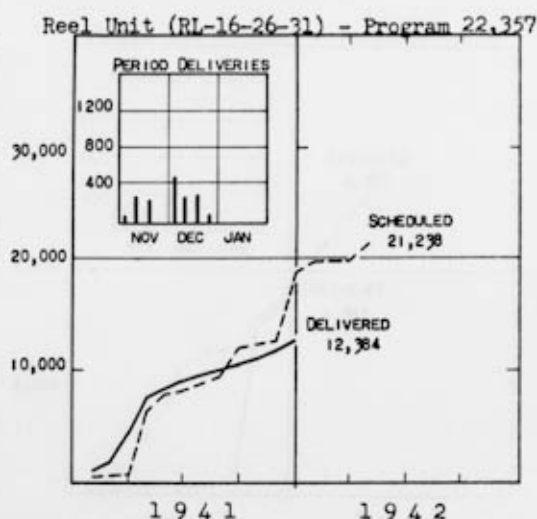
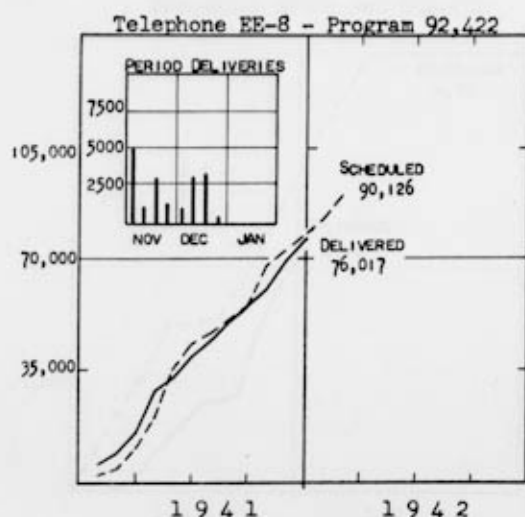
Deliveries of ground equipment on the F.Y. 1942 expenditure programs are now coming due. Of 4 items calling for deliveries at this time 3 are behind schedules.

DELINQUENCIES - There are 48 important items of ground signal equipment on the F.Y. 1940 and F.Y. 1941 expenditure programs contracts for which have not been completed. Contracts for one of these i.e. Instrument Blind Landing Equipment have not been awarded as specifications are incomplete. Of the 47 items under contract deliveries are due on 38. Eighteen or 47.4% of the items upon which quantities are due are behind scheduled deliveries. These delinquent items include 9 types of radio sets totaling 3,769 units.

LABOR DIFFICULTIES - The Labor Section, OUSW, reports no strikes or labor difficulties interfering with the production of Signal Corps equipment.

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - DECEMBER 27, 1941

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

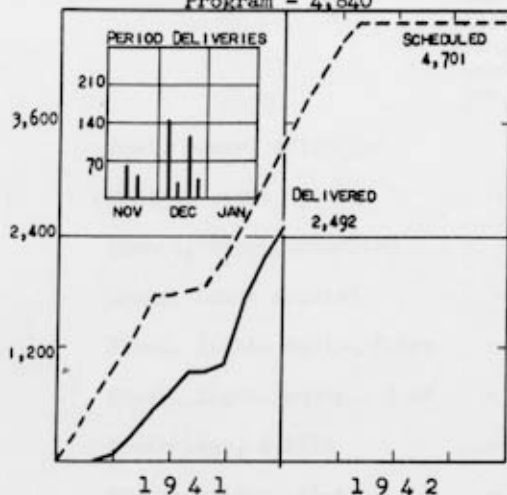


SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
DECEMBER 27, 1941

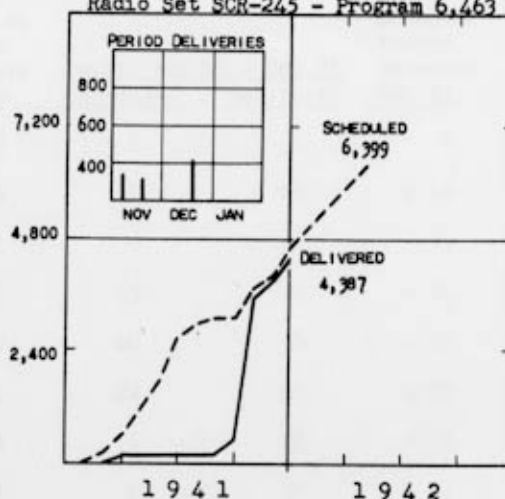
Source of Information: Procurement Division, Office of the Chief Signal Officer

Frequency meter set SCR-211

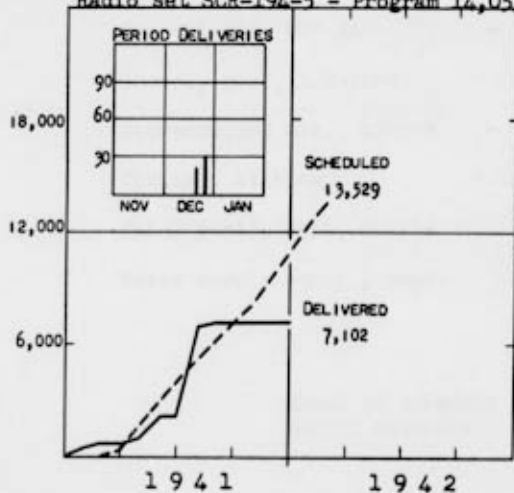
Program - 4,840



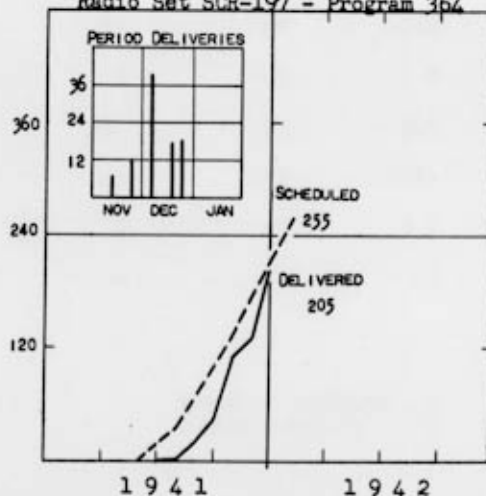
Radio Set SCR-245 - Program 6,463



Radio set SCR-194-5 - Program 14,053



Radio Set SCR-197 - Program 364



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

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

The performance of the 15 active items of the Engineer equipment program for the first three quarters of December is:

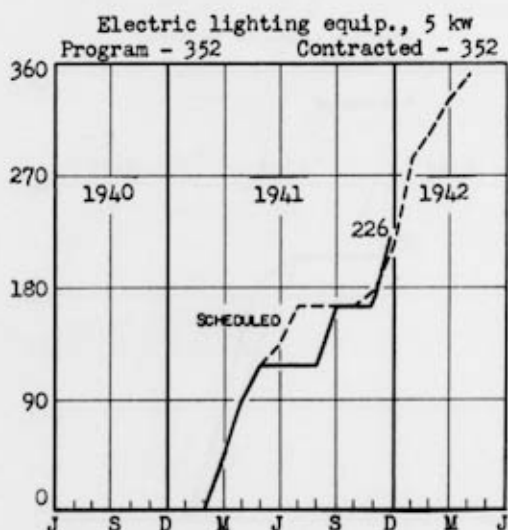
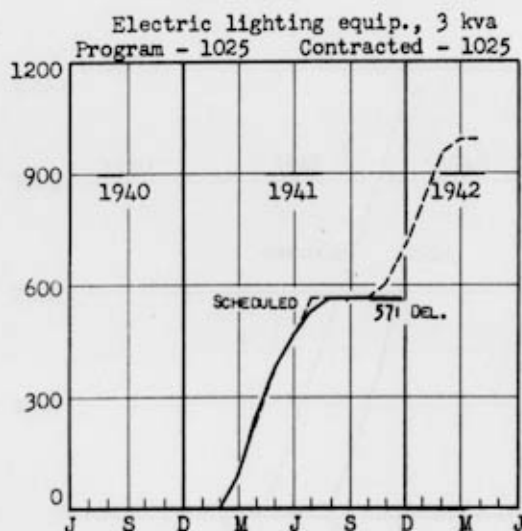
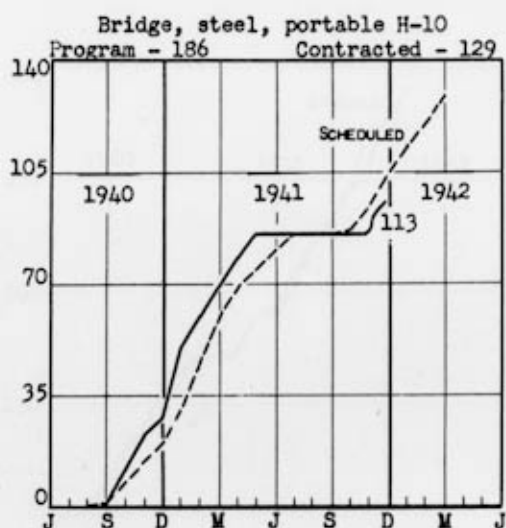
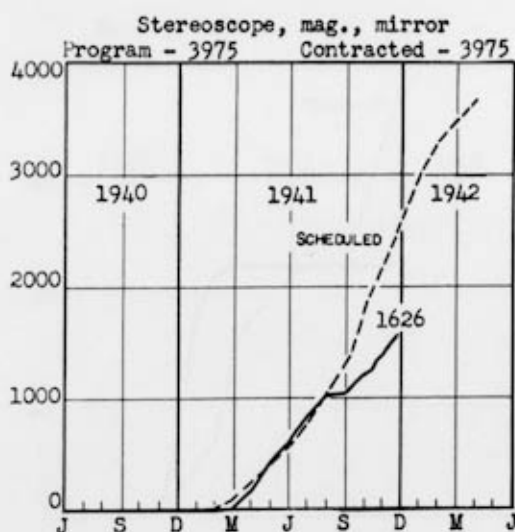
Item	Number ahead or behind schedule Nov 30	Period Nov 30 - Dec 23		Number ahead or behind schedule Dec 23
		Scheduled	Delivered	
Boat, power, w/trailer	0	1	1	0
Bridge, steel, port.H-10	- 8	6	26	+ 12
Camera, copy, motorized	- 2	0	1	- 1
Crane, truck mounted	- 6	15	0	- 21
Elect. light. equip., 3 kva	- 30	60	0	- 90
Elect. light. equip., 5 kw	- 10	22	60	+ 28
Footbridge, M-1938	- 40	6	17	- 29
Ponton bridge, 25-ton	- 13	6	7	- 12
Searchlight, 24" B. Def.	- 15	22	0	- 37
Searchlight, 60" AA	- 194	75	88	- 181
Shovel, gas., 1/2-yard	- 2	0	2	0
Stereoscope, mag., mirror	- 786	281	262	- 805
Trailer, tilting	- 1656	465	540	- 1581
Water purif. unit, mobile	0	0	7	+ 7
Water supply equip., engr.	- 48	0	58	+ 10

Ahead of schedule 0
Behind schedule 13

Ahead of schedule 4
Behind schedule 9

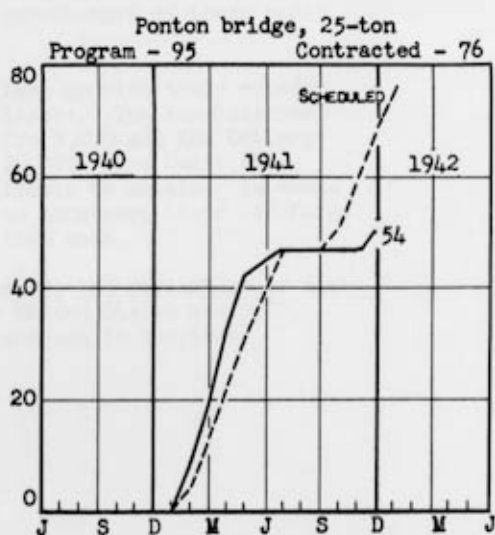
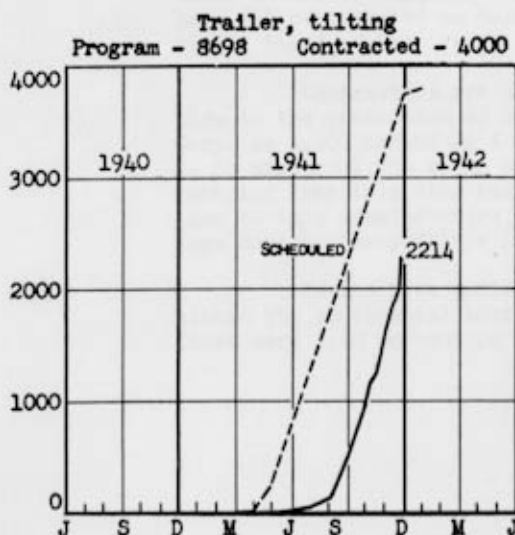
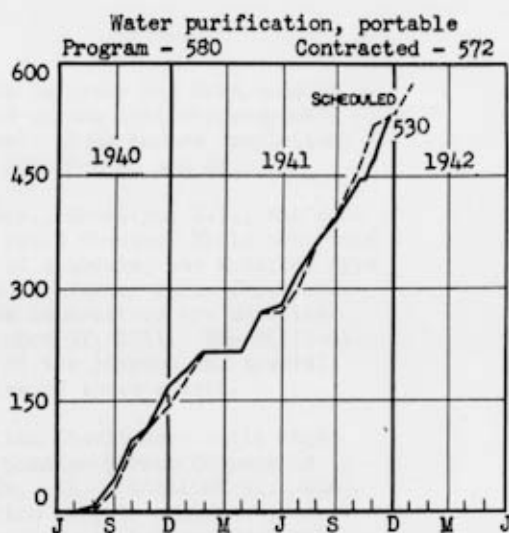
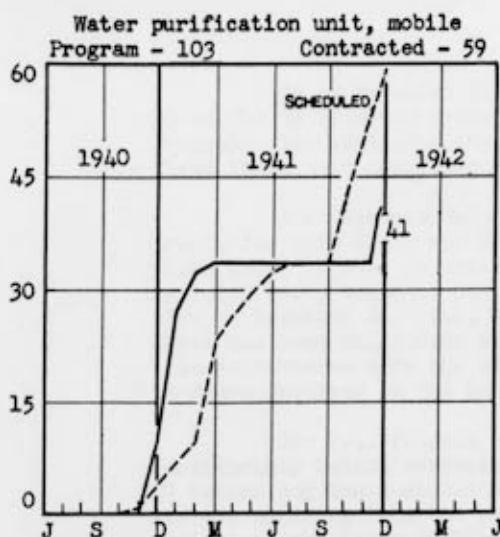
CORPS OF ENGINEERS - STATUS OF FOUR SELECTED ITEMS - DECEMBER 23, 1941

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



CORPS OF ENGINEERS - STATUS OF FOUR SELECTED ITEMS - DECEMBER 23, 1941

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JANUARY 3, 1942

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

As of December 23 complete delivery has been made on 36 of the 72 selected items followed on the 1941 Procurement Program. The remaining items are well along toward completion. Three items were completed between December 15 and 23.

The Standard Holloware Corp., Brooklyn, N.Y., has contracts for both Plain and Modified Field Chests. While the Plain Field Chest is some 92 units ahead of schedule, the Modified type is 1,428 units behind. Contract on the former calls for completion on December 26, 1941, while the contract on the Modified Chest has been delinquent since October 31, 1941. The difficulties encountered were the securing of the plywood and special hardware required in the construction of these chests.

The 1941 Program on Hospital Sterilizers still lags considerably behind schedule. The Scanlan-Morris Company is 77 behind and the Hospital Supply Co., 14, a total of 91. Materials entering into the construction of this equipment, especially brass inner shells, Monel metal, stainless steel and Jenkins valves have been difficult to obtain. The scarcity of these materials together with lack of skilled labor and strikes have all contributed to hold up the manufacture of these badly needed items of hospital supply.

Contractors are unable to keep up with their schedules in the production of Bandage Scissors. The Kny-Scheerer Corp. is 4,400 behind on a contract for 9,000 and Rex Cutlery is in arrears 2,736 on an order for 29,000. The basic steel entering into this item has been difficult to obtain. In addition to this manufacturers not able to construct their own forgings have had many delays in having them made.

In the week ending December 25, the percentage of sick within the continental limits of the United States was 3.12. There were 2.88 percent in hospital and .24 in quarters.

MEDICAL DEPARTMENT - BED CAPACITY OF GENERAL HOSPITALS - NOVEMBER 8, 1941

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

	<u>Old Hospitals</u>		<u>Total</u>
	Normal	Expansion if Required	
Sam Houston	1,000	695	1,695
Fitzsimons	1,492	150	1,642
Letterman	1,414	184	1,598
Walter Reed	1,048	435	1,483
William Beaumont	716	261	977
Army and Navy	412	106	518

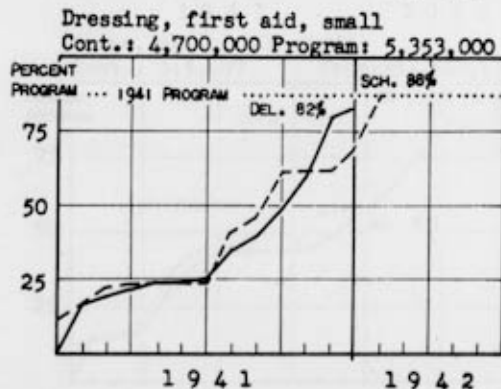
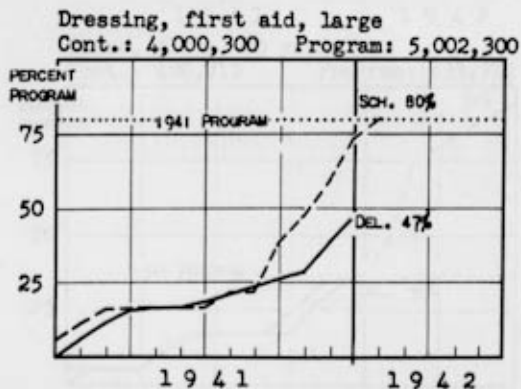
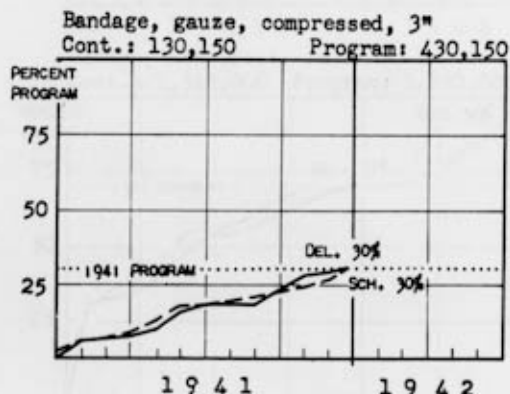
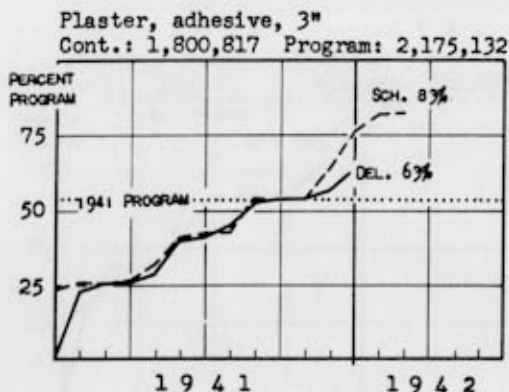
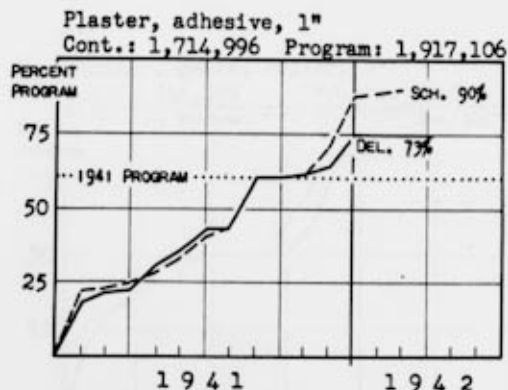
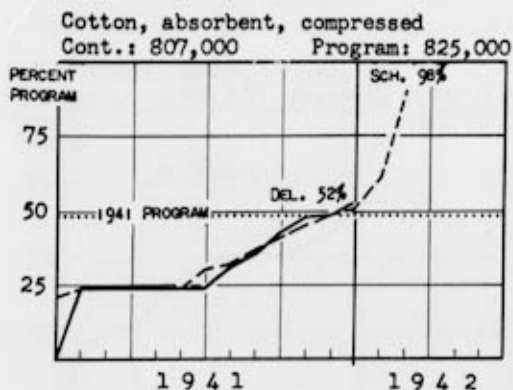
<u>New Hospitals</u>		
Lawson	1,900	1,900
LaGarde	1,000	1,486
Lovell	1,006	1,006
Stark	964	964
Tilton	777	946
O'Reilly	936	936
Billings	799	886
Barnes	732	824
Hoff	700	700

	Normal	Expansion if Required	Total
Old Hospitals	6,082	1,831	7,913
New Hospitals	8,814	834	9,648
All Hospitals	14,896	2,665	17,561

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

Source of Information: Medical Department Procurement Progress Reports

Includes both F.Y. 1941 & 1942 programs.



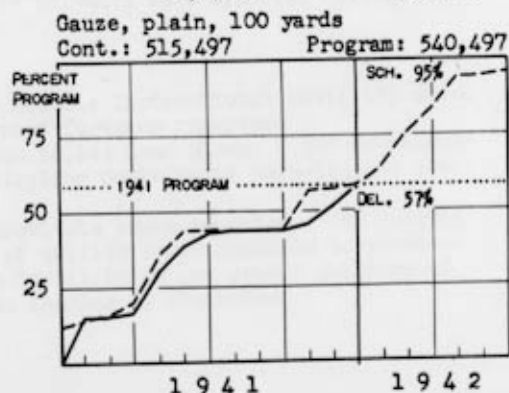
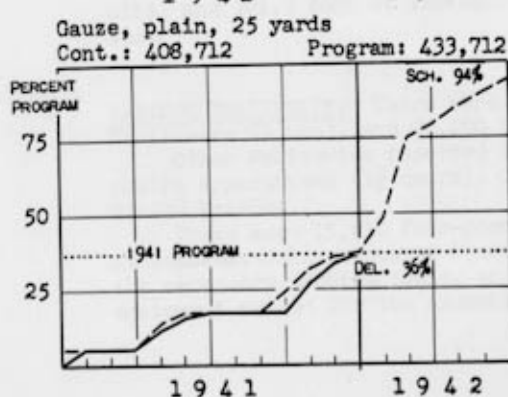
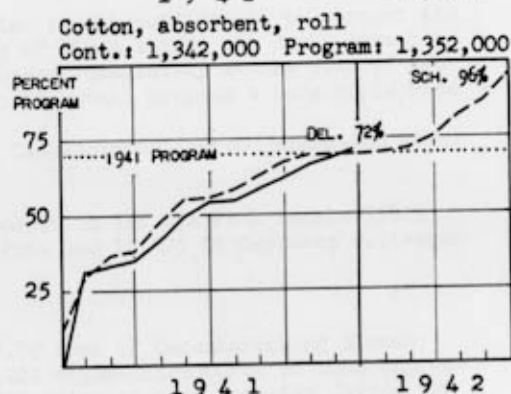
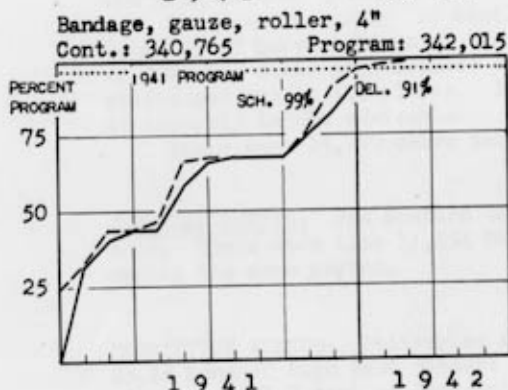
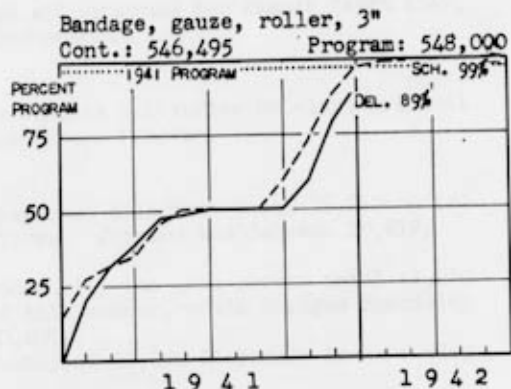
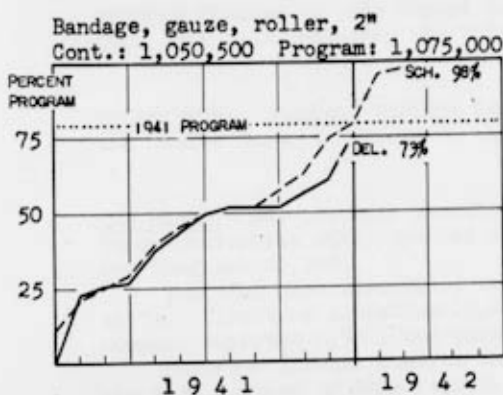
Medical Department

Statistics Branch
OUSW - 1-3-42

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

Source of Information: Medical Department Procurement Progress Reports

Includes both F.Y. 1941 & 1942 programs.



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS DECEMBER 26, 1941

Source of Information: Chemical Warfare Service Progress Reports

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

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

GAS MASKS: Service Mask assemblies reported this week total 32,210 units. These deliveries were reported as follows: Johnson and Johnson 10,812, and Goodyear 21,398.

Training Mask assemblies reported during the same period total 41,240 units. Firestone assembled 23,460 of this number, while Sprague Specialty Company reported 6,980, and Eureka 10,800.

Edgewood Arsenal reports an assembly of 21,050 Diaphragm Masks during the week covered by this report.

The present supply of Whetlerite is not sufficient to warrant the assembly of Service Masks at the rate of three shifts per day. Assembly of Training Masks is scheduled to proceed immediately at the rate of two shifts per day in all plants. Due to the small program a more rapid rate of assembly is not advisable.

There were 19,700 extra Service Canisters delivered during the week.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 156.2 tons. There were also 11,594 Smoke Pots and 13,675 CN Capsules delivered during the same period.

PROTECTIVE AGENTS: Deliveries of 85.78 tons of Demustardizing Bleach; 25.48 tons of High Test Bleach; 260,224 eight-ounce tubes of Shoe Impregnate, and 271.7 tons of Impregnite "I" Solvents were reported during the week.

VARIOUS DELIVERIES: There were also 369 Gas Instructional Sets; 175 Steel Containers (1 ton), and 26,490 Gas Proof Curtains reported.

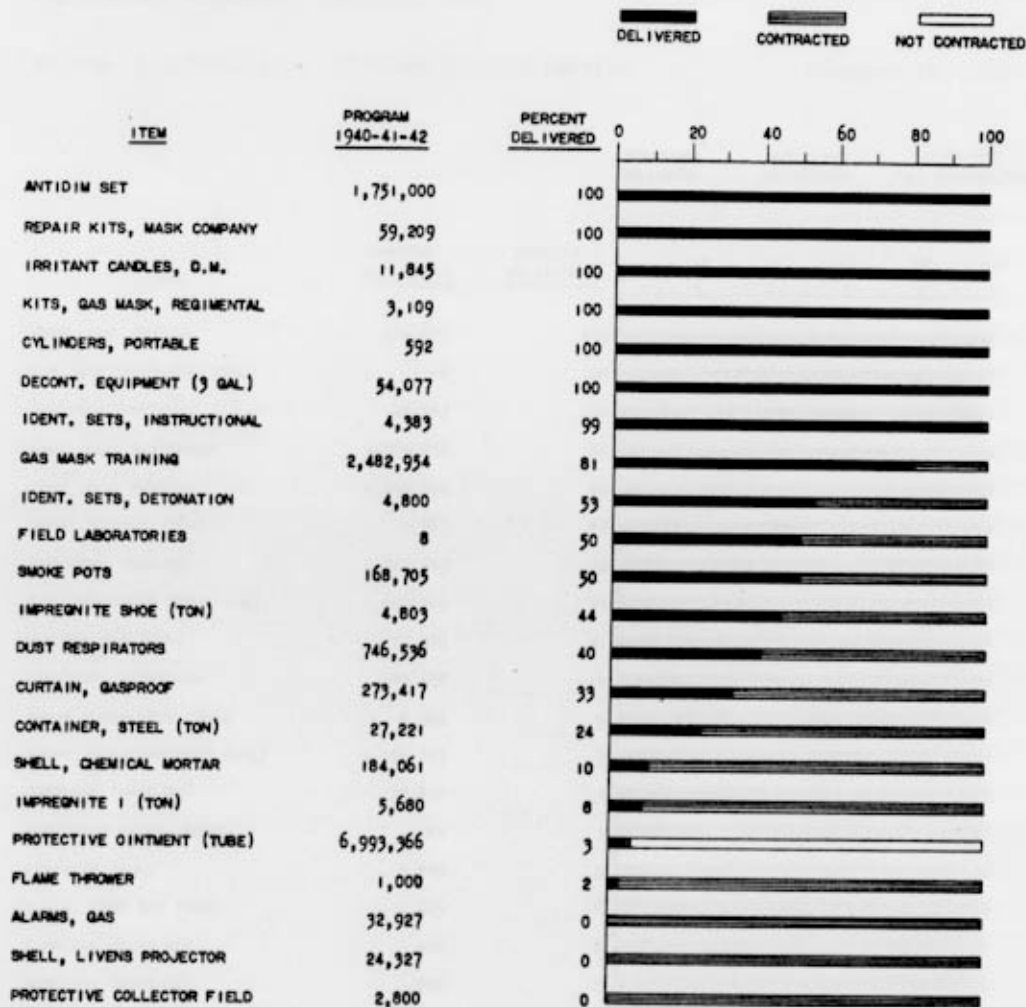
Other deliveries reported include 54,144 Land Mines; 7,500 Decontaminating Apparatuses (1½ quart); 252 Airplane Smoke Tanks Mark-10, and 506 Window Brushes.

There were 15,810 four-pound substitute bombs reported. The program is somewhat delayed due to the lack of skilled labor required to produce the necessary machine tools, and the inability to get prompt delivery of equipment needed for the assembly and loading of the bombs.

PROCUREMENT PROGRESS - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

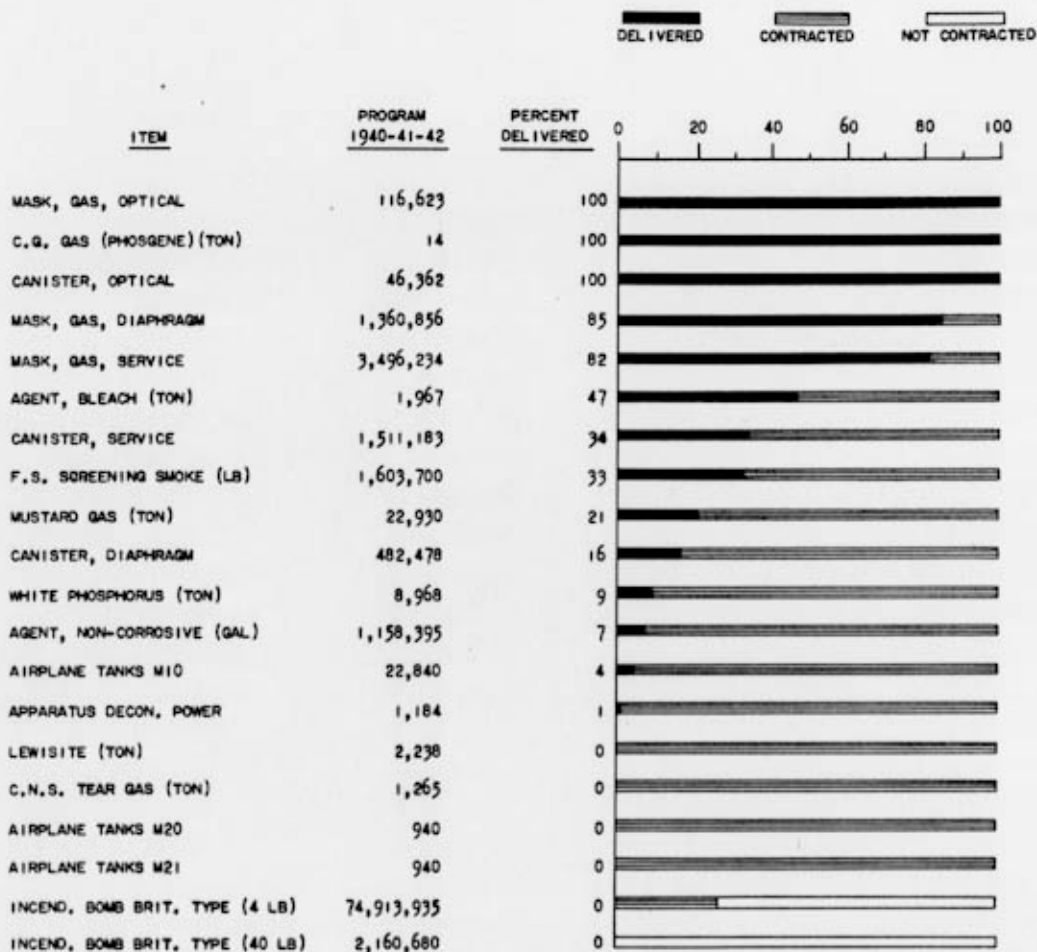
December 26, 1941



PROCUREMENT PROGRESS - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

December 26, 1941



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WEEKLY STATISTICAL REPORT

No.28

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SUMMARY

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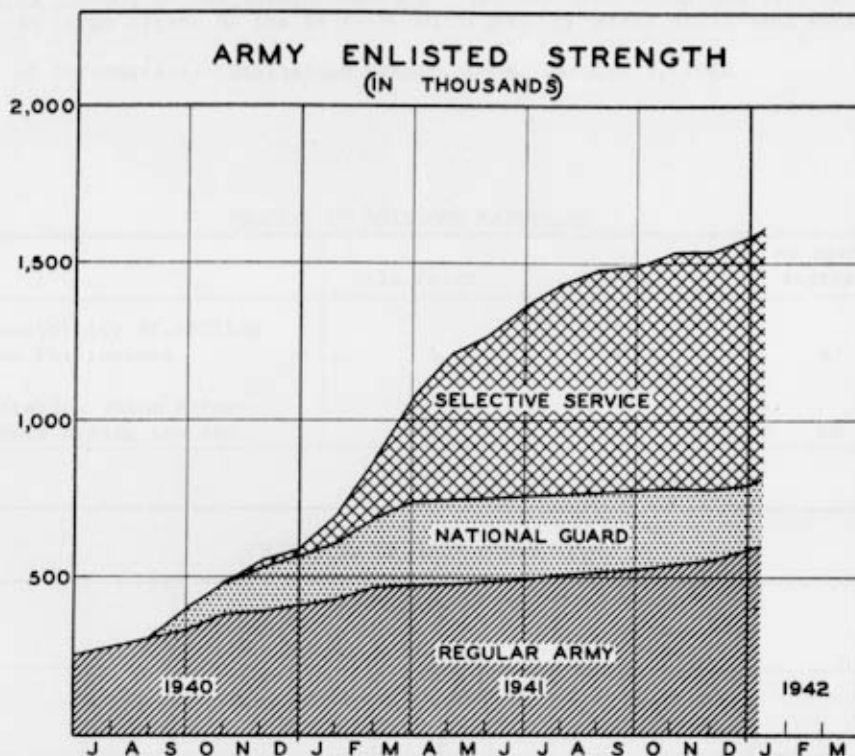
Signature- *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-2842-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
REPORT NO. 28
JANUARY 10, 1942

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength	1	Text Summary - Proc. of Basic Items .	29
Editorial Opinion	2	Diagrams:	
Editorial Opinion	3	Proc. of Basic Items -Supply	30
Expediting Production	4	Cap. of Oceangoing Vessels .	31
		M.V. Procurement by Types ..	32
		Percentage of Completion ...	33
		Constr. Status-Compl. Proj..	34
<u>DEFENSE AID</u>			
Text Summary	5		
Airplanes - Deliveries & Schedules ..	6		
Shipping Data - Quartermaster Items .	7		
		<u>SIGNAL CORPS</u>	
<u>ORDNANCE DEPARTMENT</u>		Text Summary - Signal Corps Proc. ...	35
Text Summary	8	Diagrams:	
Equipment - Procurement Summary	9	Radio Set, Command, etc. ...	36
Aircraft-20mm & 37mm Guns	10	Marker Beacon Rec'g Eqmnt. .	37
Stocks & Initial Reqmnts. .	11	Aircraft Communication Proc.	38
Stocks & Total Reqmnts. .	12	Ahead & Behind Schedule	39
Ammunition: Procurement Summary	13		
TNT & Smokeless Powder ..	14		
New Facilities - Progress	15	<u>CORPS OF ENGINEERS</u>	
New Facilities - Progress	16	Text Summary - Engineer Procurement .	40
New Facilities - Progress	17	Diagrams:	
New Facilities - Progress	18	Air Corps Construction	41
New Facilities - Progress	19	Air Corps Construction	42
		Air Corps Construction	43
<u>AIR CORPS</u>			
Text Summary	20		
Diagram: Inventory & Procurement ...	21	<u>MEDICAL DEPARTMENT</u>	
Tab. Sum. - Current Procurement	22	Text Summary	44
Diagrams: Airplanes & Engines		Diagram: Proc. of Surgical Needles .	45
Heavy & Medium Bomber	23	Diagram: Del. Status - 6 Cr. Items .	46
Light Bomber & Observation .	24		
Pursuit	25	<u>CHEMICAL WARFARE SERVICE</u>	
Pursuit & Transport	26	Text Summary - Production	47
Primary & Basic Trainer	27	Diagram: Proc. Progr.-Critical Items	48
Advance Trainer	28	Diagram: Proc. Progr.-Selected Items	49



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to January 7, 1942 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.

1940	Total	1941	Total	1941	Total	1942	Total
Jul	268,941	Jan	693,578	Jul	1,429,188	Jan 7	1,600,500
Aug	302,968	Feb	873,667	Aug	1,491,197		
Sep	407,613	Mar	1,068,030	Sep	1,484,024		
Oct	483,218	Apr	1,205,873	Oct	1,526,000		
Nov	540,695	May	1,265,211	Nov	1,528,500		
Dec	573,520	Jun	1,362,760	Dec	1,579,500		

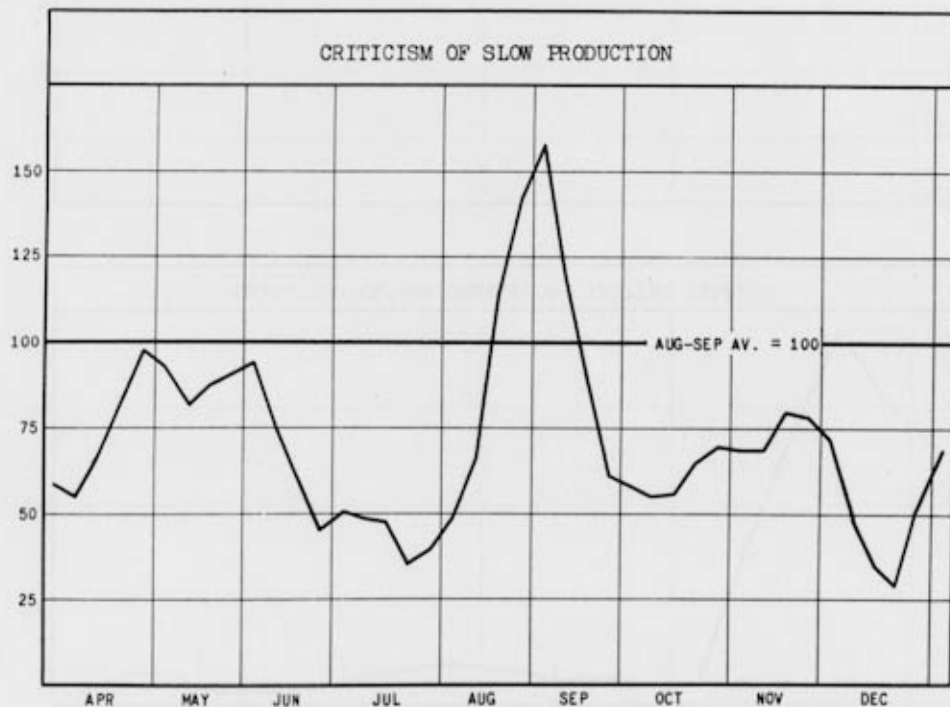
Source of Information: Statistics Branch, General Staff, January 8, 1942

EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, January 7, 1942

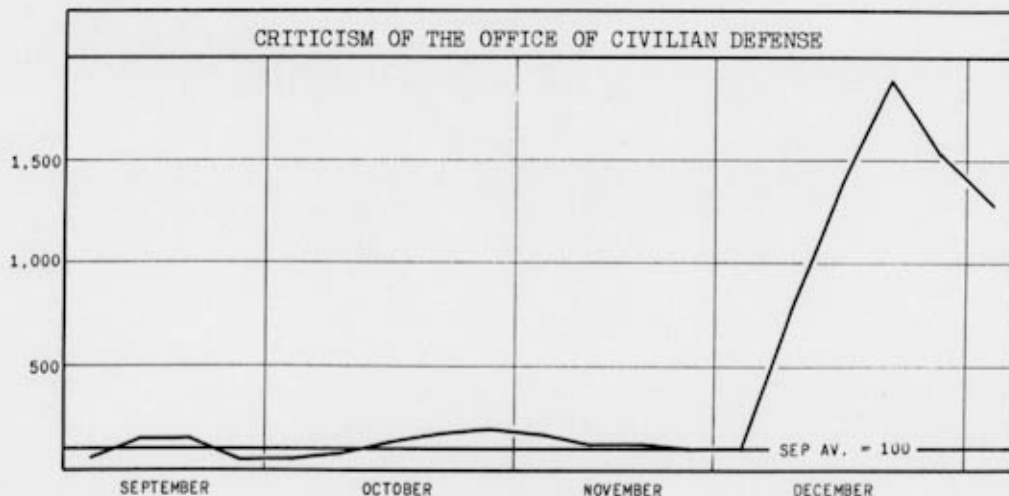
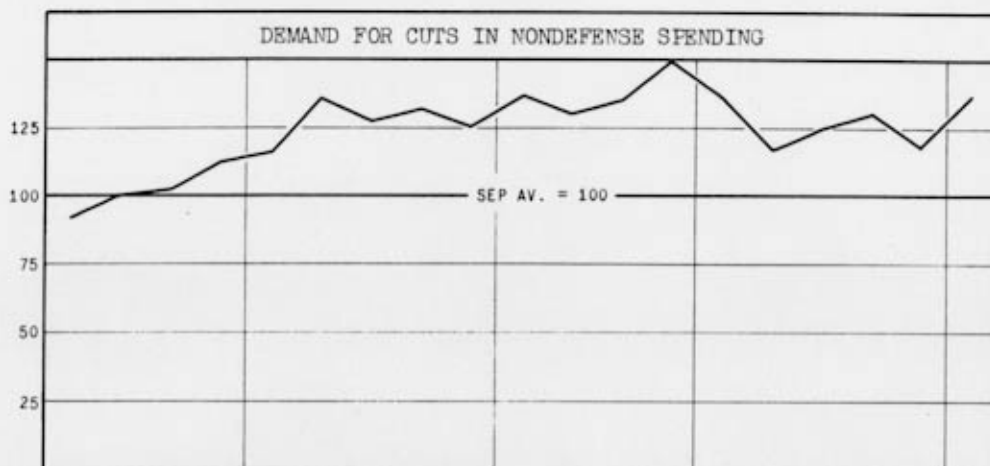
PERCENT OF OPINIONS EXPRESSED

	In favor	Against	No opinion expressed
Possibility of holding the Philippines	6	47	47
Freezing labor agreements during the war	58	6	36



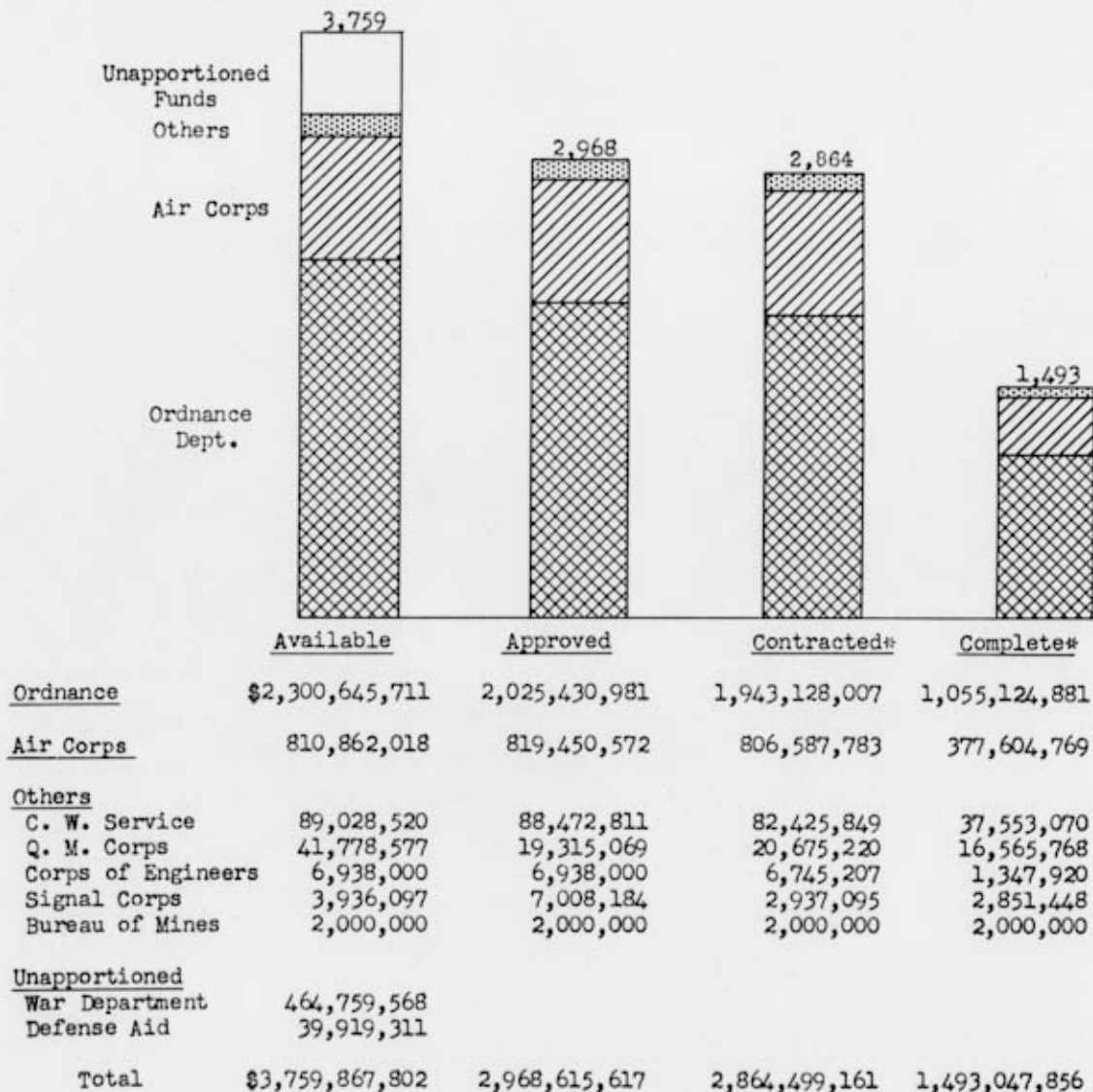
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, January 7, 1942



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - December 20, 1941

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



* Estimated

DEFENSE AID - TEXT SUMMARY - JANUARY 10, 1942

Source of Information: OEM and Arm of Service

Allocations

The amount of money allocated from Lend-Lease appropriations to all departments as of December 15, was \$10,510,980,183, of which the War Department received over half.

Obligations

Through December 15 the War Department obligated \$3,039,197,841, which is an increase of 2 per cent over the obligations through November 30. The following tabulation shows the amount obligated by each arm of service.

	<u>Through Nov. 30</u>	<u>Dec. 1-15</u>	<u>Through Dec. 15</u>
Air Corps	1,659,466,255	8,246,182	1,667,712,437
Ordnance	1,086,881,163	22,014,836	1,108,895,999
Quartermaster	151,650,413	17,320,329	168,970,742
Signal Corps	48,387,450	1,962,390	50,349,840
Engineers	23,233,785	10,983,801	34,217,586
Chemical Warfare	7,872,561	663,223	8,535,784
Medical	401,223	114,230	515,453
Total	\$2,977,892,850	\$61,304,991	\$3,039,197,841

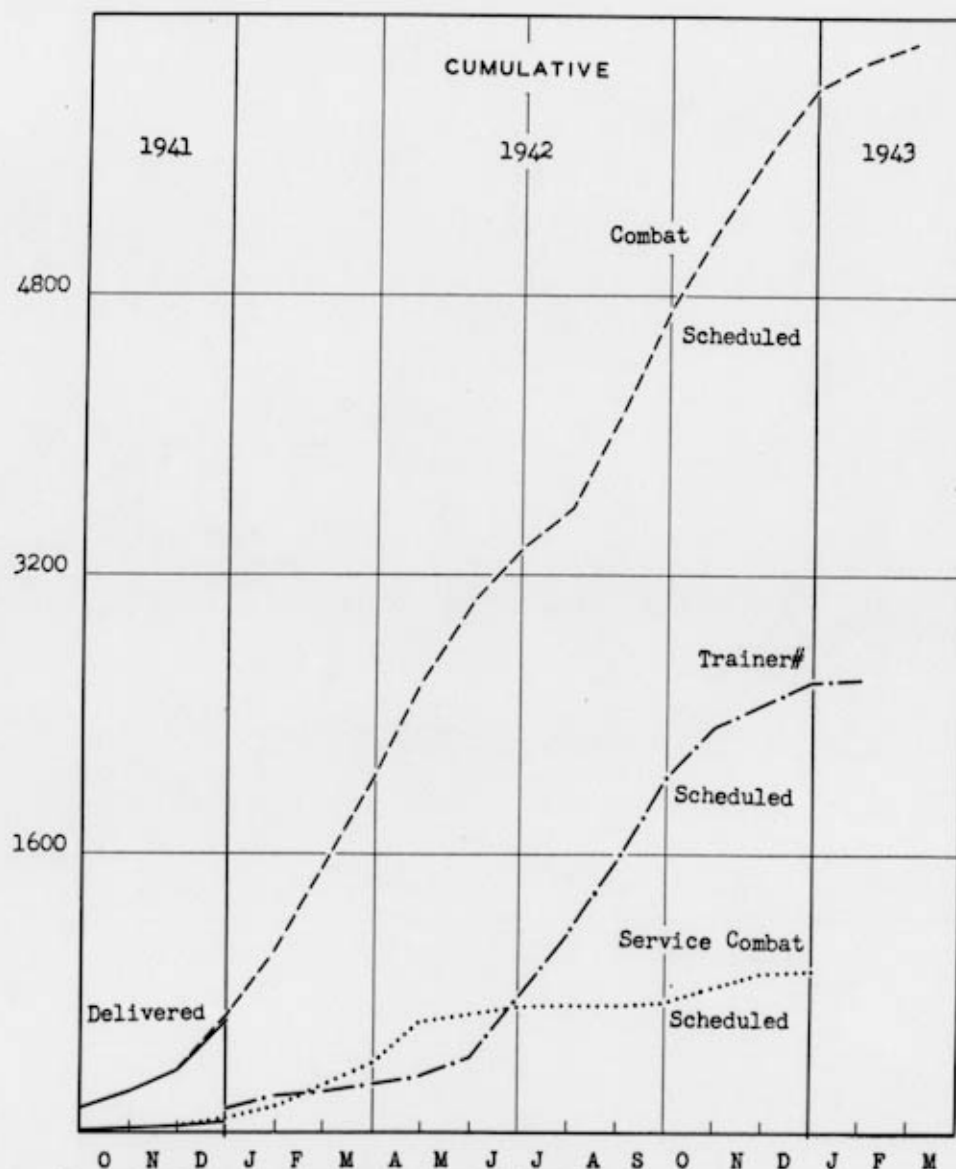
Transfers

The transfers made by the War Department through December 15 total \$174,445,049. This is an increase of 16 per cent over the amount through November 30. The tabulation below shows the amount of money transferred by each arm of service.

	<u>From Lend-Lease Appropriations</u>	<u>From War Department Appropriations</u>	<u>Total</u>
Air Corps	6,327,364	2,676,148	9,003,512
Ordnance	37,714,288	80,318,955	118,033,243
Quartermaster	32,314,110	4,376,645	36,690,755
Signal Corps	4,107,326	386,797	4,494,123
Engineers	1,185,377	1,363,030	2,548,407
Chemical Warfare	1,418,015	1,992,936	3,410,951
Medical	250,996	13,062	264,058
Total	\$83,317,476	\$91,127,573	\$174,445,049

DEFENSE AID - AIRPLANES - DELIVERIES AND SCHEDULES* - DECEMBER 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



* The schedules are Manufacturers' Estimates

During December, 1941 there were five trainers delivered

DEFENSE AID - SHIPPING DATA - QUARTERMASTER ITEMS - NOVEMBER 30, 1941

Source of Information: Office of the Quartermaster General

Item	Quantity Shipped	Quantity on Hand Awaiting Shipment	
		Shipping Instructions Issued	Shipping Instructions Not Issued
Bag, canvas	0	0	5,000
Belt, pistol or revolver	0	0	42,000
Blanket, wool, O.D.	177,500	0	142,500
Boot, rubber, hip	0	850	0
Boot, rubber, knee	0	2,800	5,000
Box, ration	0	0	2,707
Can, meat	0	0	104,402
Canteen	0	0	104,050
Carrier, pack	0	0	30,000
Chair, folding metal	0	0	2,050
Container, water, 5 gal.	8,250	0	11,700
Cover, canteen	0	0	130,000
Drawers, cotton, shorts	0	0	4,000
Filter disc, range, field	0	0	343,800
Generator, spare, stoves	46	0	162
Glove, cotton, white	0	0	2,000
Haversack	0	0	6,050
Machete	0	0	9,180
Mitten, asbestos	0	0	440
Pamphlet, field ranges	0	0	2,550
Pillow, feather	0	0	2,000
Sheath, machete	0	0	11,300
Sheet, cotton, white	0	0	10,000
Stove, camp, single burner	393	0	207
Suit, oil dressed	0	0	10,408
Tent, shelter half	25,968	26,016	8,496
Thread, machine, 200 yd.	0	0	10,000
Towel, hand	0	0	10,000

TEXT SUMMARY - ORDNANCE DEPARTMENT - JANUARY 10, 1942

Source of Information: Ordnance Department and OUSW

WAR AND MUNITIONS PROGRAM

The directive to increase production sharply during 1942 and 1943 is being implemented by the preparation of the Fourth Supplemental National Defense appropriation, and the means of providing the necessary machines, material and manpower are being worked out. Concurrently, the troop bases and requirements of munitions other than those specified are being computed.

Actual acceptances in 1940 and 1941 compare with the quantities specified for 1942 and 1943 as follows:

	1940	1941	1942	1943
<u>TANKS</u>				
Heavy	-	-	500	5,000
Medium	6	1,445	25,000	50,000
Light	<u>325</u>	<u>2,617</u>	<u>19,500</u>	<u>20,000</u>
Total	331	4,062	45,000	75,000
<u>ANTI-AIRCRAFT GUNS</u>				
37mm	182	340	1,600	-
40mm	-	-	13,000	25,000
90mm & 3"	<u>35</u>	<u>249</u>	<u>5,400</u>	<u>10,000</u>
Total	217	589	20,000	35,000
<u>ANTI-TANK GUNS</u>				
37mm	356	2,002	13,700	-
3"	<u>-</u>	<u>-</u>	<u>1,200</u>	<u>4,000</u>
Total	356	2,002	14,900	4,000
<u>MACHINE GUNS (Ground, Tank & Antiaircraft)</u>				
Caliber .30	3,669	53,495	330,000	330,000
Caliber .50	<u>1,068</u>	<u>6,124</u>	<u>170,000</u>	<u>170,000</u>
Total	4,737	59,619	500,000	500,000

TANKS

The tank program has grown progressively:

June 30, 1940	Sept. 30, 1940	June 30, 1941	Sept. 30, 1941	Dec. 31, 1941	Jan. 6, 1942
2,313	5,984	10,938	16,688	29,783	123,383

EQUIPMENT PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department and General Staff

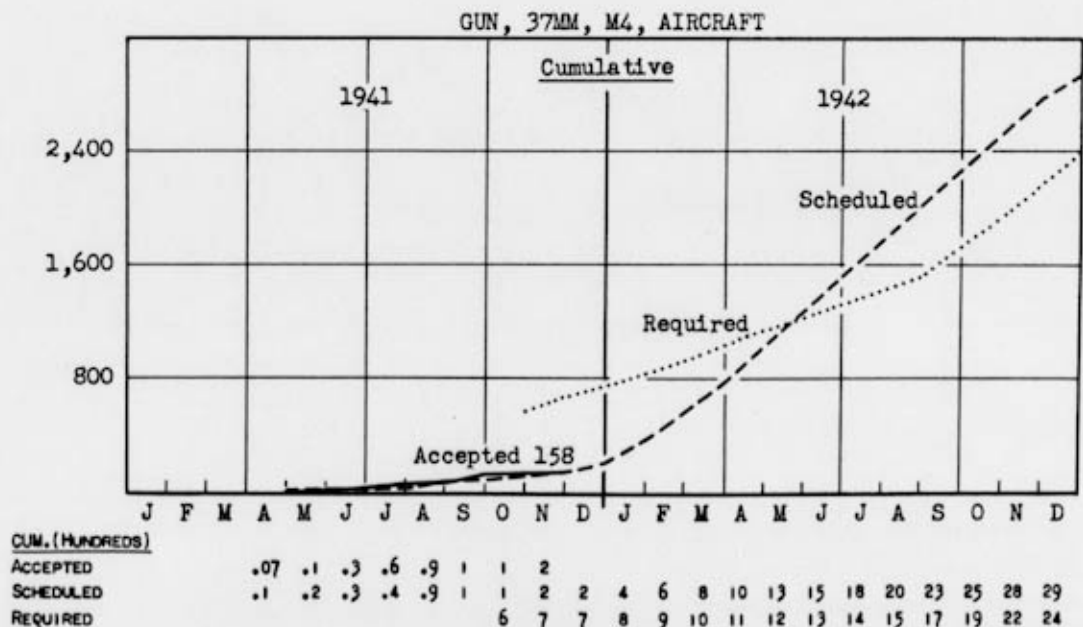
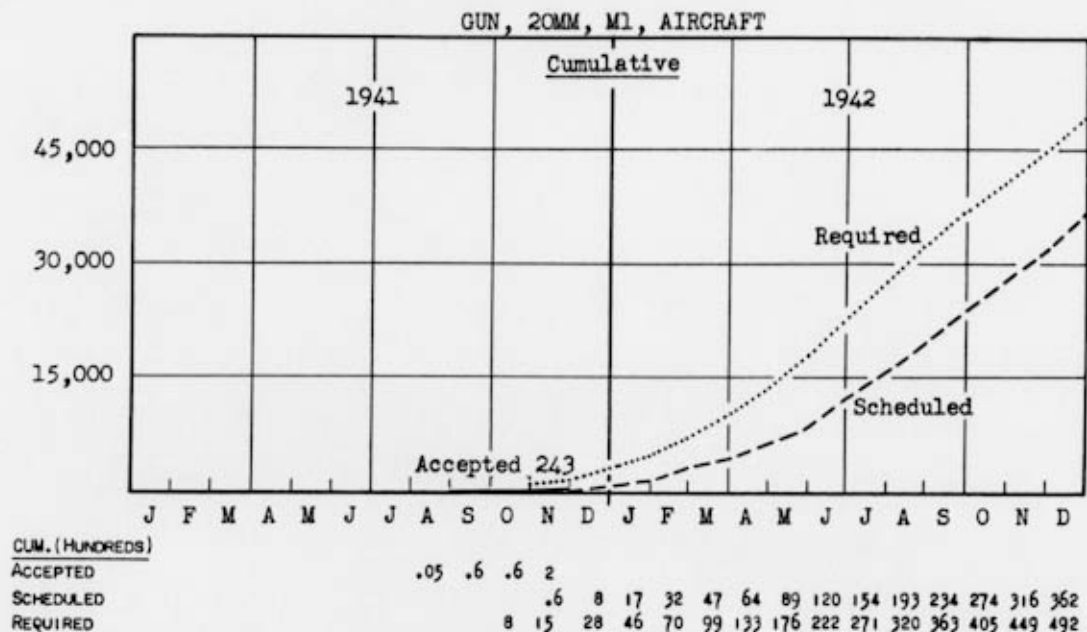
Item	Total procurement authorized*	Preliminary acceptances thru Dec 15	Percent of total authorization			
			Con- tracted	Sched- uled	Due	Accepted Dec 15
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,553	12,476	97	97	13	13
Machine gun, cal.50	221,314	37,951	94	94	16	17
Gun, 20mm, automatic	79,663	632	60	60	.1	.8
Gun, 37mm, automatic	5,907	268	49	49	3	5
<u>Combat Vehicles</u>						
Tank, light	11,520	2,332	48	48	18	20
Tank, medium	27,791*	1,181	45	38	4	4
Tank, heavy	600	0	17	2	0	0
Scout car	8,445	2,730	41	41	32	32
Personnel carrier, 8-man	6,691	3,275	87	87	49	49
Personnel carrier, 13-man	6,157	1,614	90	90	22	26
Submachine gun, cal.45	852,259	185,916	40	40	21	22
Gun, 37mm tank	36,213*	4,261	47	47	13	12
Gun, 75mm tank	27,164*	698	36	23	2	3
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,284	107	53	30	2	2
Gun, 40mm	8,236	0	51	27	0	0
Gun, 37mm	3,361	502	95	95	15	15
Machine gun, cal.50 (W.C.)	38,117	3,206	69	69	8	8
<u>Artillery</u>						
Howitzer, 75mm	1,318	349	100	76	22	26
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,395	479	98	94	6	11
Gun, 4.5" AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	493	34	100	99	8	7
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	951	100	71	71	72
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,326	100	91	82	84
Carriage, 155mm gun	853	291	100	100	33	34
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,332,069	361,775	93	93	25	27
Machine gun, cal.30 (Var.)	286,209a	55,190a	55a	55a	21a	19a
Machine gun, cal.50 (H.B.)	66,719a	2,805a	48a	48a	7a	4a
Gun, 37mm antitank	13,223	2,127	74	72	13	16
Mortar, 60mm	11,162	6,689	100	100	56	60
Mortar, 81mm	6,705	2,478	70	67	34	37

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

a Figures include armament for combat vehicles.

AIRCRAFT ARMAMENT - 20MM AND 37MM GUNS - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - DECEMBER 31, 1941 (DATA EXCLUDES DEFENSE AID)

Source of Information: Statistics Branch, General Staff

Item	Initial requirements 1,850,000 men	Stocks in depots and with troops	%	Percent of requirements									
				0	20	40	60	80	100				
<u>Aircraft Armament</u>													
Machine gun, cal.30, fix.&fl.	32,688	15,263	47										
Machine gun, cal.50, fix.&fl.	61,539	24,831	40										
Gun, 20mm automatic	1,815	537	30										
Gun, 37mm automatic	2,155	202	9										
<u>Combat Vehicles</u>													
Tank, light	1,699	916 b	54										
Tank, medium	1,788	556 c	31										
Scout car	1,261	2,461 d	195										
Personnel carrier, 8-man	3,467	3,184	92										
Personnel carrier, 13-man	3,311	1,456	44										
Machine gun, cal.30 (Var.)	32,626 a	a	-										
Machine gun, cal.50 (H.B.)	5,491 a	a	-										
Submachine gun, cal.45	41,859	27,924	67										
Gun, 37mm tank	6,235	1,257	20										
Gun, 75mm tank	1,762	341	19										
<u>Antiaircraft</u>													
Gun, 3" }	1,237	566 }	52										
Gun, 90mm }		80 }											
Gun, 37mm	2,315	496	21										
Machine gun, cal.50 (W.C.)	18,611	1,238	7										
<u>Artillery</u>													
Gun, 75mm (H.S.)	-	938	-										
Howitzer, 75mm, field & pack	249	235	94										
Howitzer, 105mm	2,061	506	25										
Gun, 155mm	95	17	18										
Gun, 155mm (H.S.)	587	198	34										
Howitzer, 155mm (H.S.)	631	1,219	193										
<u>Unmodified & other models</u>													
Gun, 75mm	-	2,383	-										
Gun, 155mm	-	771	-										
Howitzer, 155mm	-	579	-										
<u>Infantry Armament</u>													
Rifle, cal.30, M1, semiauto.	797,085	342,093	43										
Machine gun, cal.30 (Var.)	53,555	54,099	101										
Machine gun, cal.50 (H.B.)	16,964	2,901	17										
Gun, 37mm, antitank	6,276	2,143	34										
Mortar, 60mm	4,579	6,364	139										
Mortar, 81mm	2,035	2,376	117										

a Included in Infantry Armament

Stocks exclude substandard models formerly included: (b) 757 (c) 105, (d) 99.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - DECEMBER 31, 1941 (DATA EXCLUDES DEFENSE AID)

Source of Information: Statistics Branch, General Staff

Item	Total requirements 3,635,000 men	Stocks in depots and with troops	Percent of requirements						
			%	0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30, fix.&fl.	44,260	15,263	34						
Machine gun, cal.50, fix.&fl.	131,837	24,831	19						
Gun, 20mm automatic	3,721	537	14						
Gun, 37mm automatic	2,896	202	7						
<u>Combat Vehicles</u>									
Tank, light	4,341	916 b	21						
Tank, medium	5,902	556 c	9						
Scout car	2,709	2,461 d	91						
Personnel carrier, 8-man	10,497	3,184	30						
Personnel carrier, 13-man	8,208	1,456	18						
Machine gun, cal.30 (Var.)	125,849 a	a	-						
Machine gun, cal.50 (H.B.)	14,712 a	a	-						
Submachine gun, cal.45	155,279	27,924	18						
Gun, 37mm tank	30,392	1,257	4						
Gun, 75mm tank	5,872	341	6						
<u>Antiaircraft</u>									
Gun, 3" }	2,095	566 }	31						
Gun, 90mm }		80 }							
Gun, 37mm	6,849	496	7						
Machine gun, cal.50 (W.C.)	32,983	1,238	4						
<u>Artillery</u>									
Gun, 75mm (H.S.)	-	938	-						
Howitzer, 75mm, field & pack	352	235	67						
Howitzer, 105mm	3,211	506	16						
Gun, 155mm	283	17	6						
Gun, 155mm (H.S.)	969	198	20						
Howitzer, 155mm (H.S.)	1,043	1,219	117						
<u>Unmodified & other models</u>									
Gun, 75mm	-	2,383	-						
Gun, 155mm	-	771	-						
Howitzer, 155mm	-	579	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	1,524,735	342,093	22						
Machine gun, cal.30 (Var.)	176,047	54,099	31						
Machine gun, cal.50 (H.B.)	47,870	2,901	6						
Gun, 37mm, antitank	12,681	2,143	17						
Mortar, 60mm	8,227	6,364	77						
Mortar, 81mm	4,105	2,376	58						

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 757 (c) 105, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - NOVEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department and General Staff

Item	Total procurement authorized (THOUSANDS)	Preliminary acceptances thru Dec 15 (THOUSANDS)	Percent of total authorization		
			Scheduled thru Dec '42	Due	Accepted Dec 15
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20#	2,047	451	83	19	22
Bomb, demo., 100#, 300#, 500#	1,698	205	98	11	12
Bomb, demo., 1000#	524	2	19	-	-
Bomb, chem., 30#, 100#	603	211	100	31	35
Cartridge, 20mm	133,686	5,409	100	3	4
Shell, H.E., 37mm	2,098	596	98	27	28
Flares	902	236	87	30	26
Signals	2,789	1,104	100	39	40
<u>Antiaircraft</u>					
Shell, 37mm, H.E.	18,094	706	75	4	4
Shell, 40mm, H.E.	13,108	0	49	1	0
Shell, 3", H.E.	2,269	467	82	14	21
Shell, 90mm, H.E.	4,395	19	71	-	-
Shell, 105mm, H.E.	12	0	100	0	0
Shell, 4.7", H.E.	200	0	15	0	0
<u>Artillery</u>					
Shell, H.E., s c, 75mm gun	2,356	440	100	14	19
Shell, g & s, 75mm gun	1,150	85	53	3	7
Shot, A.P., 75mm gun	12,588	0	5	0	0
Shell, H.E., 75mm how.	4,927	273	99	5	6
Shell, H.E., 105mm how.	19,813	81	71	-	-
Shell, H.E., 155mm gun	1,360	2	92	-	-
Charge, prop., 155mm gun	2,248	253	86	11	11
Shell, H.E., 155mm how.	6,182	106	76	1	2
Shell, g & s, 155mm how.	1,634	6	27	0	-
Charge, prop., 155mm how.	8,887	843	87	10	9
Primer, 21 gr.	12,136	299	76	2	2
Fuzes (all)	14,315	3,254	93	22	23
<u>Infantry</u>					
Cartridge, cal.30	8,785,539	744,207	70	9	8
Links, met. belt, cal.30	1,025,225	157,003	88	15	15
Cartridge, cal.45	1,302,157	261,059	45	20	20
Cartridge, cal.50	2,618,577	80,550	55	4	3
Links, met. belt, cal.50	3,091,125	144,923	69	7	5
Shot & shell, 37mm	45,352	618	54	1	1
Shell, H.E., 60mm	11,310	196	100	-	2
Shell, H.E., 81mm	5,808	170	95	3	3
Shell, smoke, 81mm	470	0	100	0	0
Grenade, H.E., frag.	8,749	921	39	9	11
Signals, ground & light	6,948	1,233	70	17	18
Mine, antitank	3,146	0	94	0	0

* Unfilled.

Ø Unfuzed.

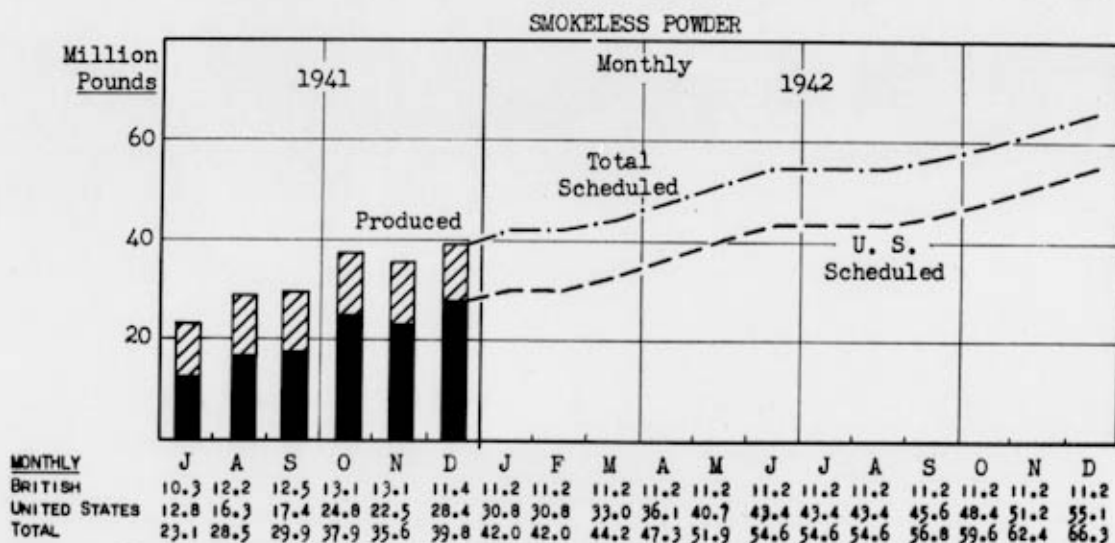
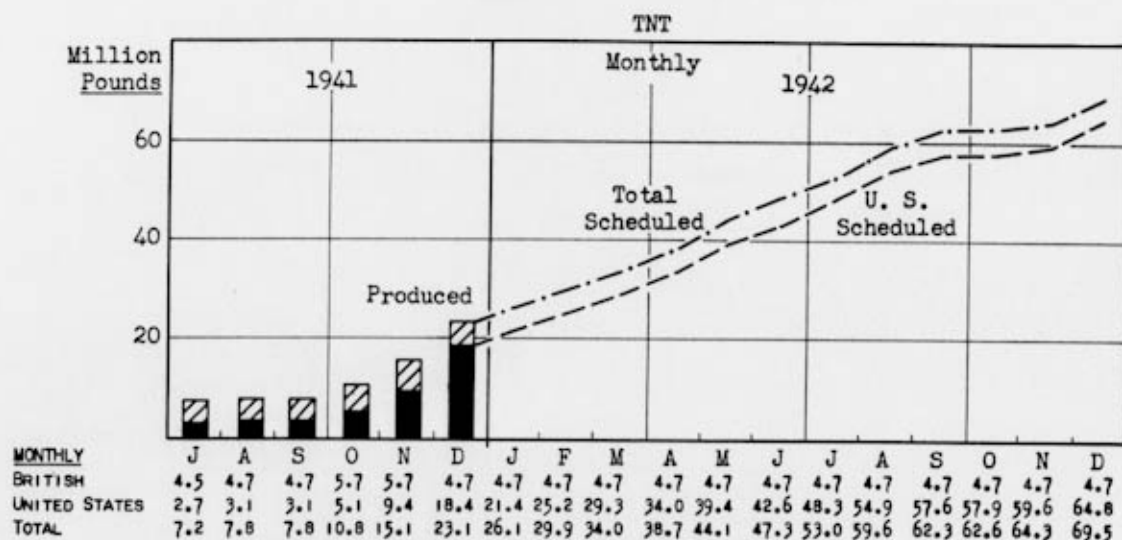
TNT AND SMOKELESS POWDER - UNITED STATES PRODUCTION - DECEMBER 31, 1941

Source of Information: Ordnance Department and OPM

In addition to TNT that the British are already receiving, large quantities have been requested for their Bomb Program. A requisition for 20,000,000 pounds by Russia, to be filled by the end of June, if possible, has been approved.

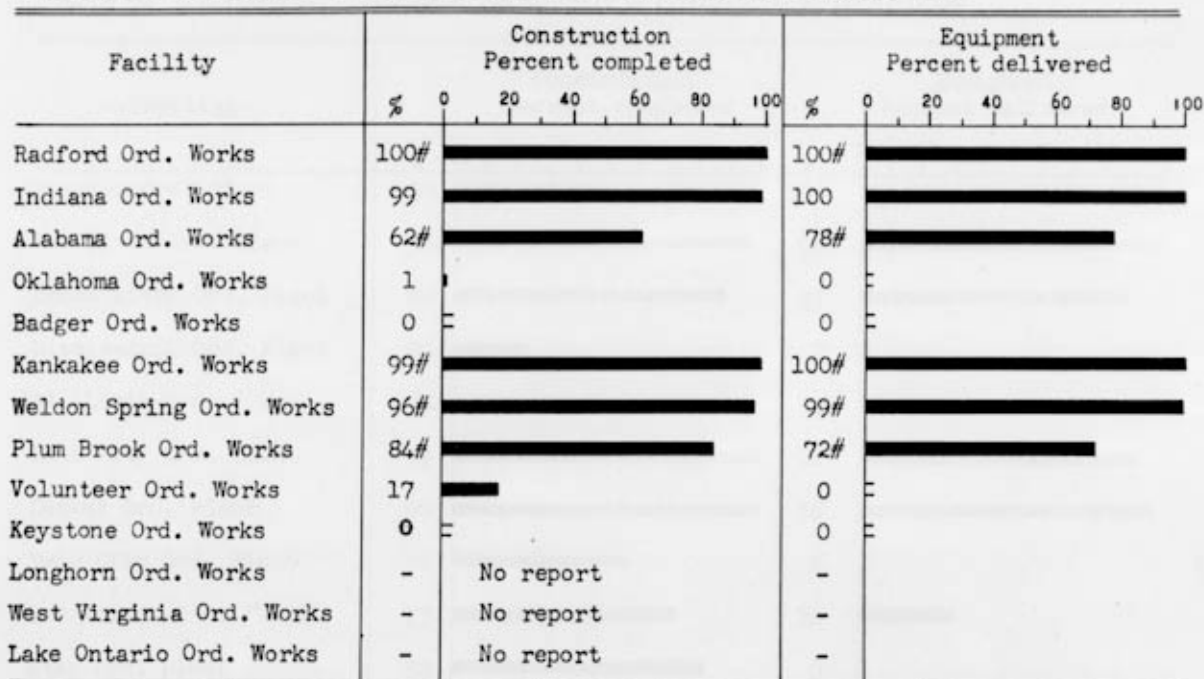
Production

■ U. S. ▨ British



NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department and Production Branch, OUSW



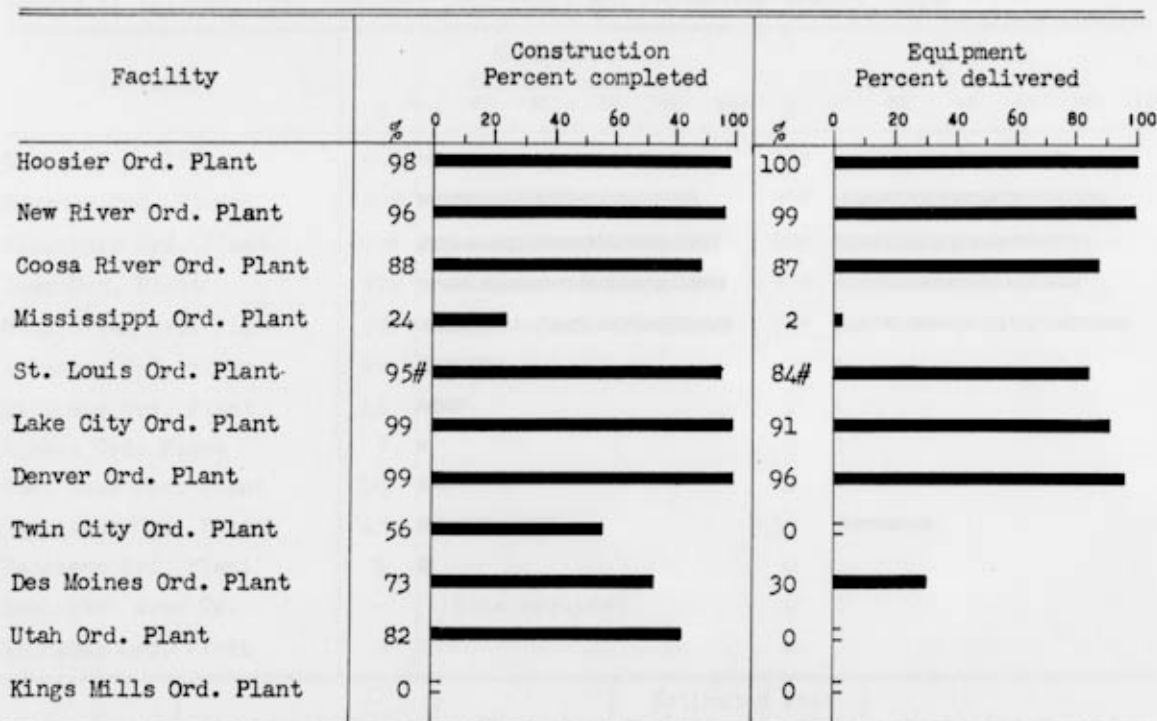
Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (Percent)	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	4.2 Tons	\$ 57,000	95	4-41 6	12-41
Indiana	Charlestown, Ind.	9.8 Tons	118,300	73	4-41 6	11-42
Alabama	Sylacauga, Ala.	4.2 Tons	60,450	55	3-42	6-42
Oklahoma	Choteau, Okla.	4.2 Tons	64,000	8	9-42	2-43
Badger	Merrimac, Wisc.	4.2 Tons	65,000	-	10-42	3-43
<u>Tetryl & Azide</u>						
Kankakee	Joliet, Ill.	.5 Tons	-	-	11-41 6	3-42
<u>TNT & DNT</u>						
Kankakee	Joliet, Ill.	6.7 Tons	58,600	89	9-41 6	3-42
Weldon Spring	Weldon Spring, Mo.	6.2 Tons	49,000	65	10-41 6	9-42
Plum Brook	Sandusky, Ohio	6.7 Tons	43,000	71	12-41 6	9-42
Alabama	Sylacauga, Ala.	2.0 Tons	34,025	31	7-42	10-42
Volunteer	Chattanooga, Tenn.	6.2 Tons	46,000	11	10-42	3-43
Keystone	Geneva, Pa.	3.4 Tons	45,000	-	11-42	4-43
Longhorn	Karnack, Texas	3.4 Tons	22,300	-	-	-
West Virginia	Point Pleasant, W. Va.	6.7 Tons	44,000	-	-	-
Lake Ontario	Youngstown, N. Y.	3.4 Tons	23,000	-	-	-

Original project only.

Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



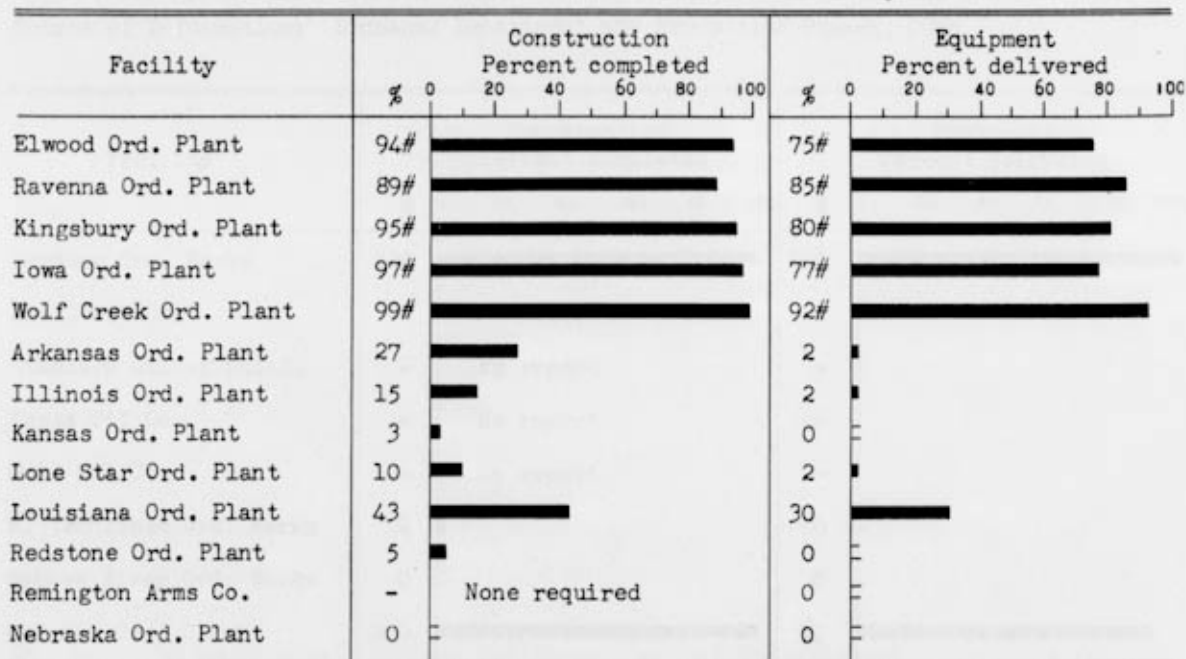
Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (Percent)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 33,000	85	9-41	12-41
New River	Pulaski, Va.	2.7 Tons	17,032	78	9-41	11-41
Coosa River	Talledega, Ala.	2.7 Tons	16,500	59	1-42	3-42
Mississippi	Flora, Miss.	2.7 Tons	17,000	25	3-42	9-42
<u>S. A. Ammunition</u>		(Rounds)				
St. Louis	St. Louis, Mo.	256,000	110,000	81	12-41	2-42
Lake City	Lake City, Mo.	114,000	38,390	80	10-41	1-42
Denver	Denver, Colo.	163,000	42,117	78	10-41	4-42
Twin City	St. Paul, Minn.	165,000	36,500	58	4-42	9-42
Des Moines	Des Moines, Iowa	82,500	36,800	59	4-42	9-42
Utah	Salt Lake, Utah	82,500	36,500	54	4-42	9-42
Kings Mills	Kings Mills, Ohio	62,500	8,000	-	4-42	9-42

Original project only.

Ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department and Production Branch, OUSW



Facility	Location	Planned Loading Capacity	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill.	4 Lines	\$49,000	84	7-41#	6-42
Ravenna	Ravenna, Ohio	4 Lines	66,500	83	8-41#	5-42
Kingsbury	LaPorte, Ind.	6 Lines	46,000	85	8-41#	2-42
Iowa	Burlington, Iowa	4 Lines	50,509	82	7-41#	3-42
Wolf Creek	Milan, Tenn.	5 Lines	38,000	88	9-41#	3-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	33,500	22	2-42	9-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	24	5-42	10-42
Kansas	Parsons, Kans.	3 Lines	35,000	23	3-42	11-42
Lone Star	Texarkana, Texas	5 Lines	45,500	26	3-42	9-42
Louisiana	Minden, La.	4 Lines	36,000	39	1-42	9-42
Redstone	Huntsville, Ala.	Chem. Shell & Bombs	8,000	9	5-42	9-42
Remington	Bridgeport, Conn.	20mm	225	-	-	-
<u>Bomb Loading</u>						
Nebraska	Wahoo, Nebr.	100# Bombs	28,000	-	11-42	2-43

Original project only.

ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department and Production Branch, OUSW

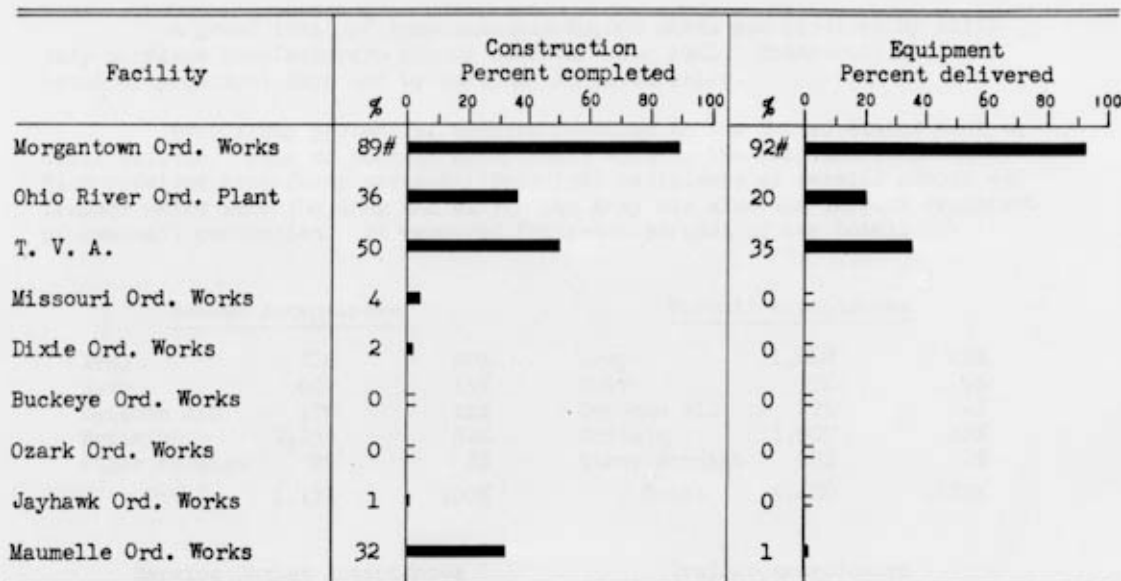
Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Baytown Ord. Works	100							100						
Shell Oil Co.	-	No report						-						
Standard Oil of Calif.	-	No report						-						
Texas Oil Co.	-	No report						-						
Gulf Oil Co.	-	No report						-						
E. Tennessee Ord. Works	2							0						
Wabash River Ord. Works	0							0						
Gadsden Ord. Plant	100							91						

Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost November 30, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	\$12,900	100	10-41	11-41
Shell Oil	Wilmington and Martinez, Calif.	1,042 Gal.	4,000	-	-	-
Standard Oil	Richmond, Calif.	1,500 Gal.	8,000	-	-	-
Texas Oil	Lockport, Ill.	833 Gal.	4,250	-	-	-
Gulf Oil	Philadelphia, Pa.	333 Gal.	1,665	-	-	-
<u>Oleum</u>						
E. Tennessee	Copperhill, Tenn.	13.2 Tons	2,375	1	8-42	11-42
<u>RDX</u>						
Wabash River	Newport, Ind.	1.4 Tons	53,500	-	-	-
Sh. Mach. & Forg.						
Gadsden	Gadsden, Ala.	210	7,571	75	8-41	3-42

ø Operations actually started.

NEW FACILITIES - PROGRESS AS OF DECEMBER 15, 1941

Source of Information: Ordnance Department and Production Branch, OUSW



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

Original project only.

Operations actually started.

TEXT SUMMARY - U. S. AIRPLANE ACCEPTANCES - CALENDAR YEAR 1941

Source of Information: Materiel Division - Air Corps
Bureau of Aeronautics - Navy Department*

A grand total of approximately 20,000 units was produced by military airplane manufacturers during calendar year 1941. Distribution of this total by principal type and by customer is given below.

Over fifty percent of bombers produced in the United States went to Great Britain. Bulk of pursuit acceptances went to the Army and to Britain. Each received over forty percent. Principal recipients of service combat and trainer units were the Army and Navy. The Army was also the largest recipient of over-all production. It received forty-six percent of the total.

<u>Bomber Acceptances</u>			<u>Pursuit Acceptances</u>		
Army	818	20%	Army	1,868	42%
Navy	602	15%	Navy	374	9%
Defense Aid	470	11%	Defense Aid	175	4%
Britain	2,156	52%	Britain	1,907	43%
Other Foreign	86	2%	Other Foreign	102	2%
Total	4,132	100%	Total	4,426	100%
<u>Service Combat Acceptances</u>			<u>Trainer Acceptances</u>		
Army	562	31%	Army	6,003	63%
Navy	664	37%	Navy	1,726	18%
Defense Aid	60	3%	Defense Aid	5	less than 1%
Britain	31	2%	Britain	1,465	15%
Other Foreign	52	3%	Other Foreign	165	2%
Commercial	427	24%	Commercial	188	2%
Total	1,796	100%	Total	9,552	100%
<u>Grand Total</u>					
Army	9,251	46%			
Navy	3,366	17%			
Defense Aid	710	4%			
Britain	5,559	28%			
Other Foreign	405	2%			
Commercial	615	3%			
Total	19,906	100%			

* Navy figures from this source for the period January through September 1941.

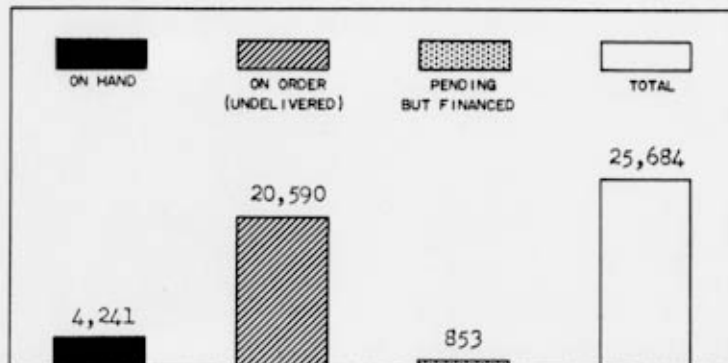
ARMY PROJECT AIRPLANE INVENTORY & STATUS OF PROCUREMENT - DECEMBER 31, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps

Tactical programs

Percentages

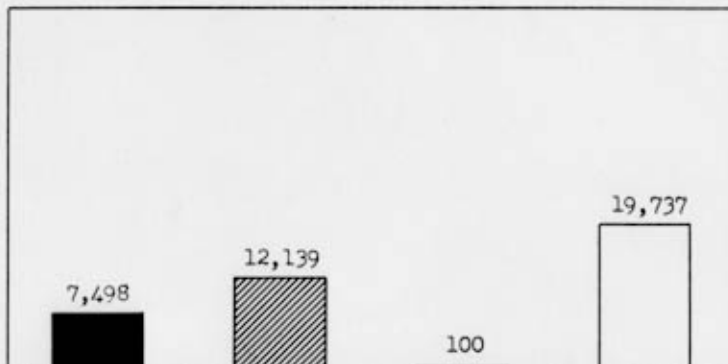
On hand	17%
On order	80%
Pending	3%
Total	100%



Trainer programs

Percentages

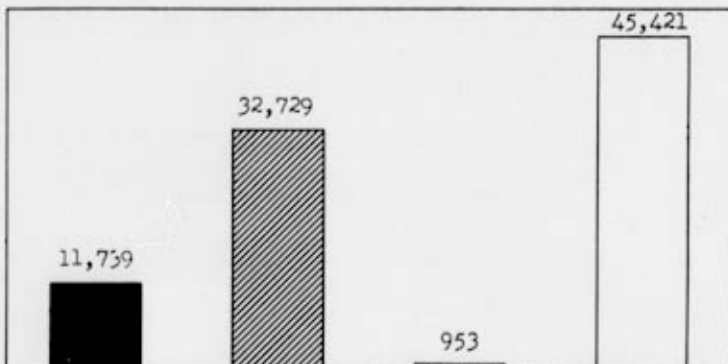
On hand	38%
On order	61%
Pending	1%
Total	100%



Total programs

Percentages

On hand	26%
On order	72%
Pending	2%
Total	100%



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

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

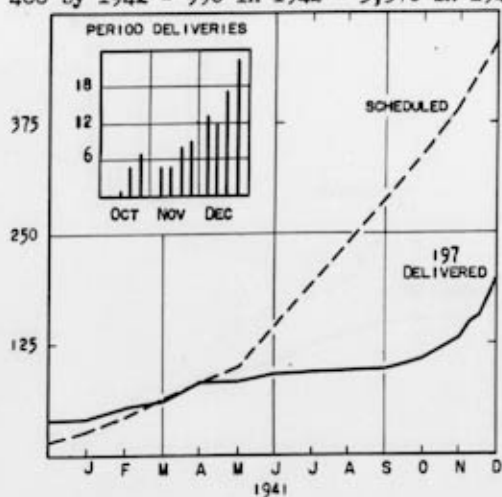
Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 12/31/41 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	3,180	5,426	4,826	89	197		600
Medium bomber	4,615	-	4,615	4,615	100	472		-
Light bomber	1,882	168	2,050	1,900	93	250		150
Pursuit fighter	23	150	173	173	100	10		-
Pur. inter., 2-eng.	686	1,000	1,686	1,686	100	195		-
Pur. inter., 1-eng.	4,394	4,700	9,094	8,994	99	1,955		100
Observation	533	80	613	613	100	455		-
Transport	1,118	243	1,361	1,361	100	121		-
Amphibian	74	5	79	76	96	2		3
Reconnaissance	17	-	17	17	100	14		-
Total Tactical	15,588	9,526	25,114	24,261	97	3,671		853
Primary trainer	5,490	450	5,940	5,940	100	3,590		-
Basic trainer	5,051	1,100	6,151	6,151	100	2,312	All	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	1,098		-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,682	97	291		100
Total Trainer	16,470	3,060	19,530	19,430	99	7,291		100
Grand Total	32,058	12,586	44,644	43,691	98	10,962		953
<u>Installation engines</u>								
Heavy bomber	8,984	12,720	21,704	17,784	82	2,844	1,520	2,400
Medium bomber	9,230	-	9,230	9,650(c)	105	1,671	-	-
Light bomber	3,576	168	3,744	3,744	100	1,452	-	-
Pursuit fighter	46	300	346	346	100	20	-	-
Pur. inter., 2-eng.	1,372	2,000	3,372	3,372	100	1,194	-	-
Pur. inter., 1-eng.	4,394	4,700	9,094	8,994	99	2,340	-	100
Observation	533	80	613	613	100	661	-	-
Transport	2,358	486	2,844	2,818	99	777	-	26
Amphibian	148	6	154	151	97	78	-	3
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,675	20,460	51,135	47,506	93	11,071	1,520	2,529
Primary trainer	5,490	450	5,940	5,940	100	3,914	-	-
Basic trainer	5,051	1,100	6,151	6,037	98	2,627	114	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	2,415	-	1,400
Total Trainer	19,102	4,210	23,312	21,438	92	11,253	114	1,760
Grand Total	49,777	24,670	74,447	68,944(c)	93	23,324	1,634	4,289

- (a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.
- (b) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.
- (c) Amount under contract exceeds installation requirement by 420 units.

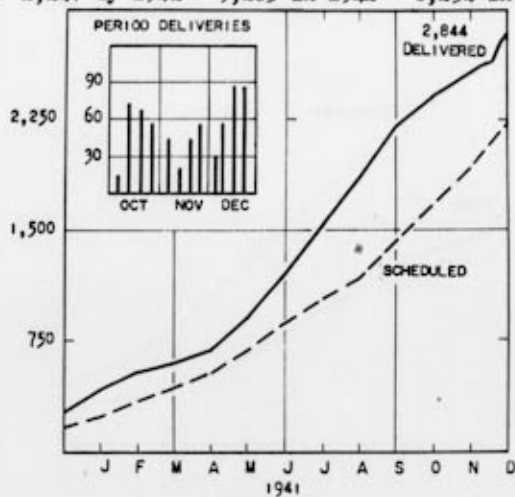
ARMY PROJECT AIRPLANES

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

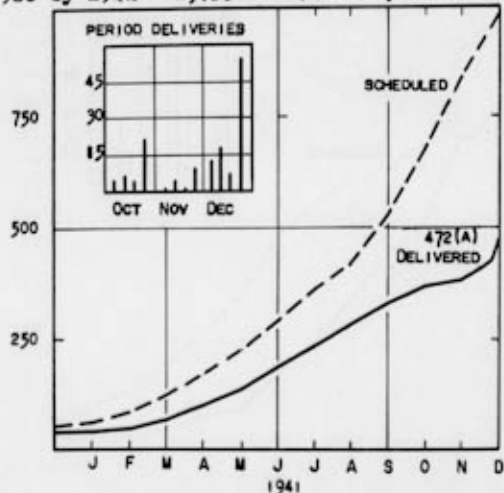


ARMY INSTALLATION ENGINES

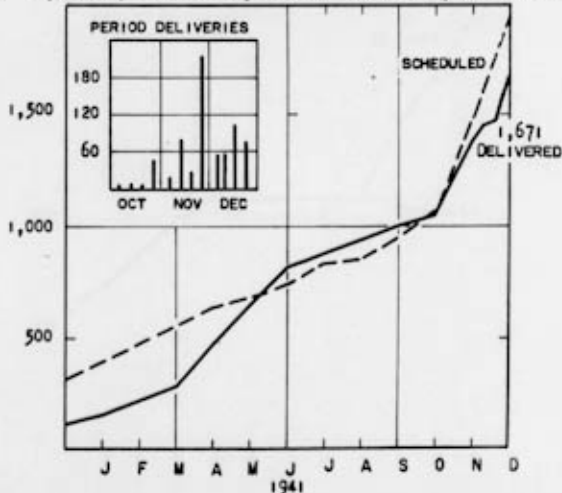
17,784 HEAVY BOMBER
2,247 by 1942 - 9,283 in 1942 - 6,254 in 1943



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



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



(A) INCLUDES 70 UNITS ACCEPTED WITH SHORTAGES.

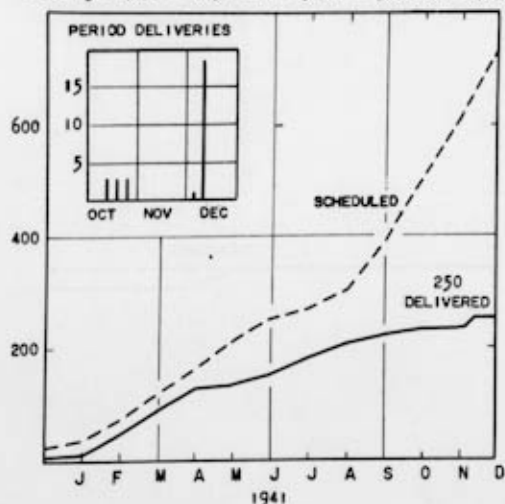
Air Corps

23

Statistics Branch
OUSW - 1-10-42

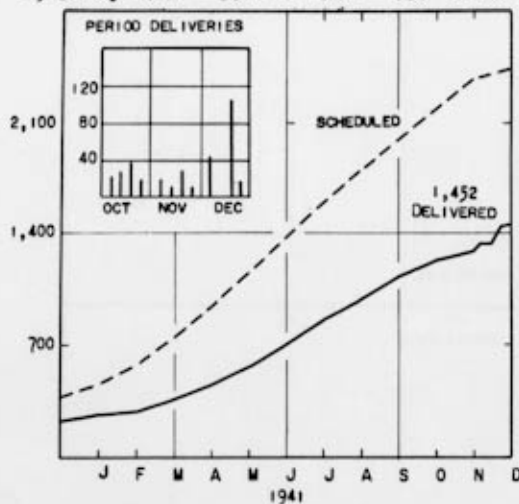
ARMY PROJECT AIRPLANES

1,900 LIGHT BOMBER
749 by 1942 - 651 in 1942 - 500 in 1943

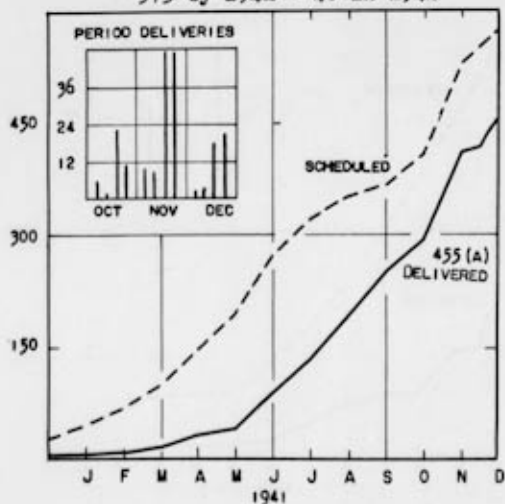


ARMY INSTALLATION ENGINE

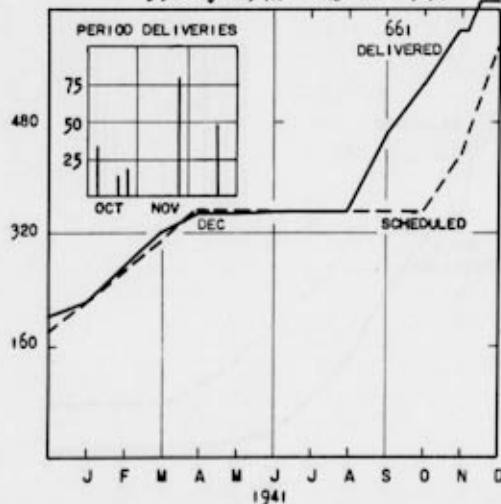
3,744 LIGHT BOMBER
2,454 by 1942 - 331 in 1942 - 959 in 1943



613 OBSERVATION
573 by 1942 - 40 in 1942



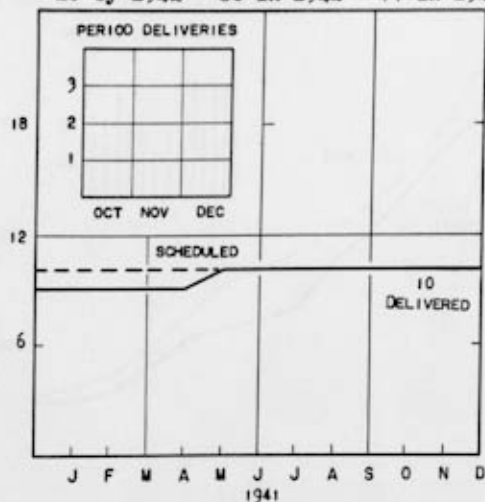
613 OBSERVATION
590 by 1942 - 23 in 1942



(A) INCLUDES 15 UNITS ACCEPTED WITH SHORTAGES.

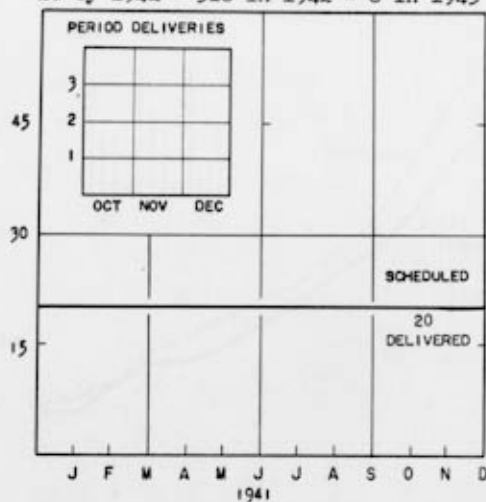
ARMY PROJECT AIRPLANES

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

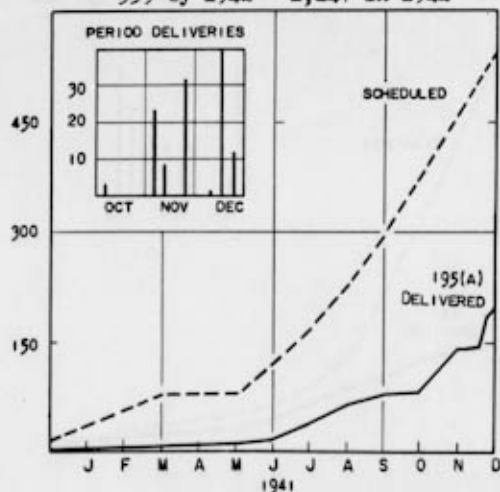


ARMY INSTALLATION ENGINES

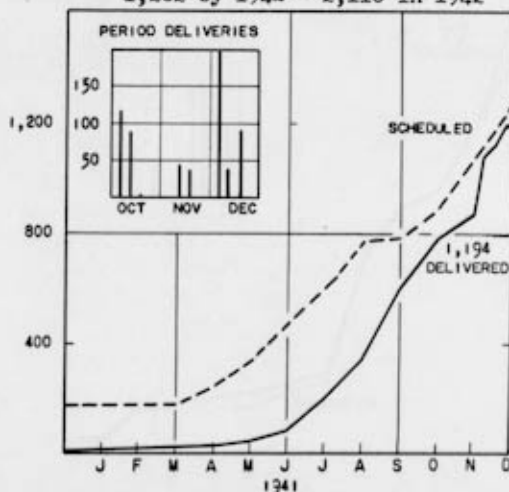
346 PURSUIT FIGHTER
20 by 1942 - 318 in 1942 - 8 in 1943



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



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



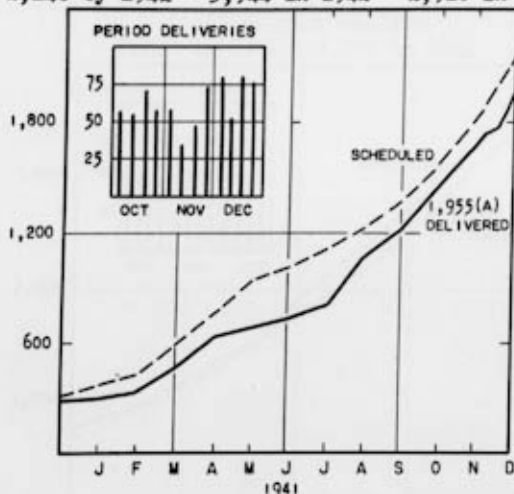
(A) INCLUDES 59 UNITS ACCEPTED WITH SHORTAGES.

Air Corps

Statistics Branch
OUSW - 1-10-42

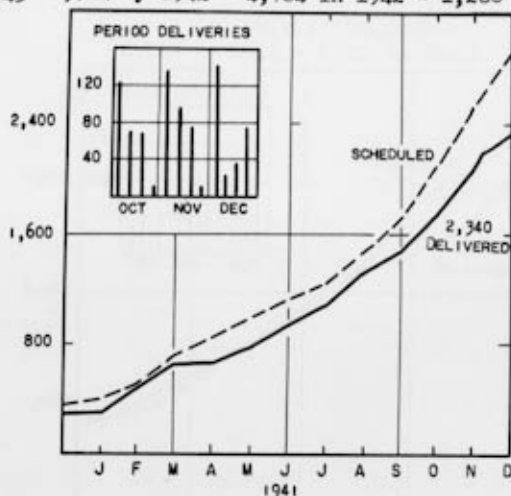
ARMY PROJECT AIRPLANES

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

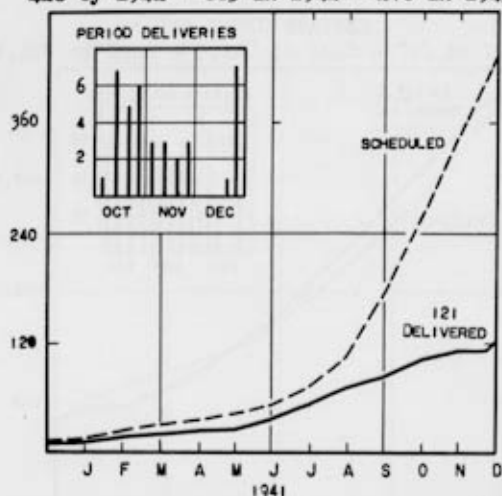


ARMY INSTALLATION ENGINES

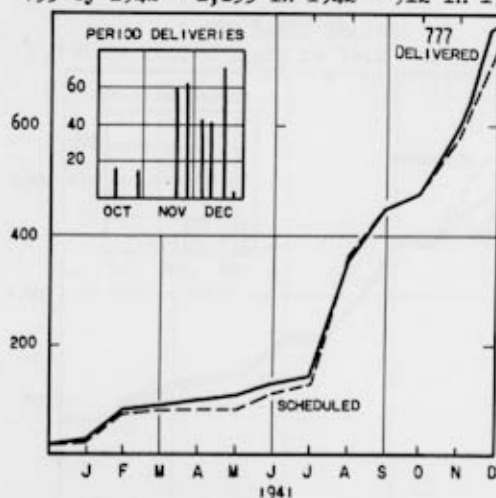
8,994 PURSUIT INTER., 1 ENG.
2,924 by 1942 - 4,784 in 1942 - 1,286 in 1943



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



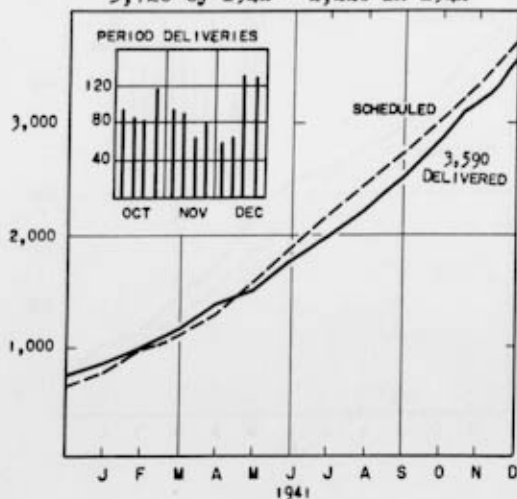
2,818 TRANSPORT
753 by 1942 - 1,153 in 1942 - 912 in 1943



(A) INCLUDES 77 UNITS ACCEPTED WITH SHORTAGES.

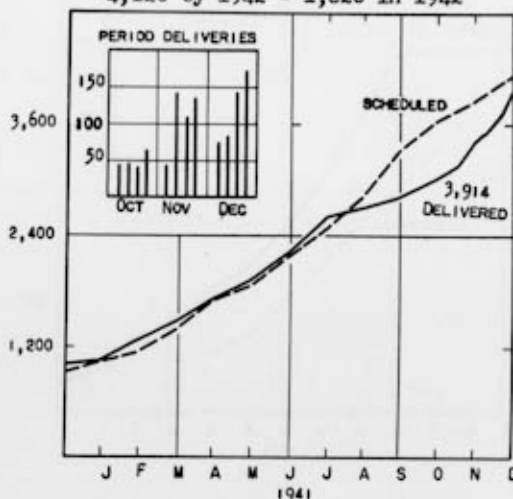
ARMY PROJECT AIRPLANES

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

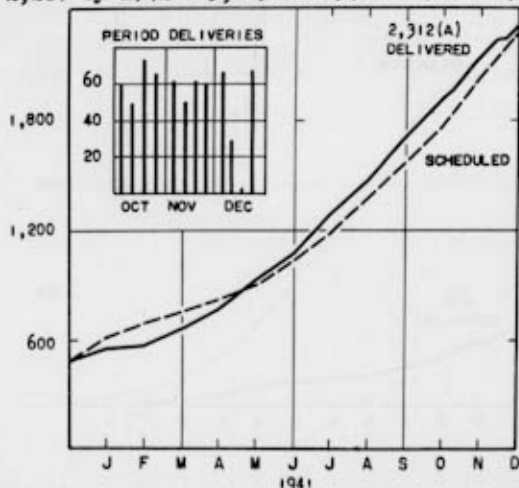


ARMY INSTALLATION ENGINES

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

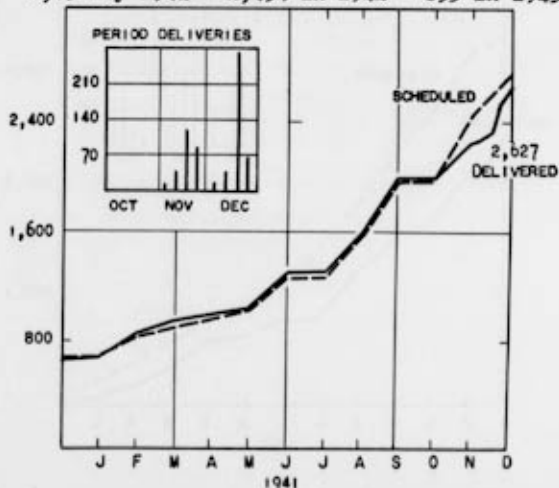


6,151 BASIC TRAINER
2,287 by 1942 - 3,123 in 1942 - 741 in 1943



(A) INCLUDES 149 UNITS ACCEPTED WITH SHORTAGES.

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

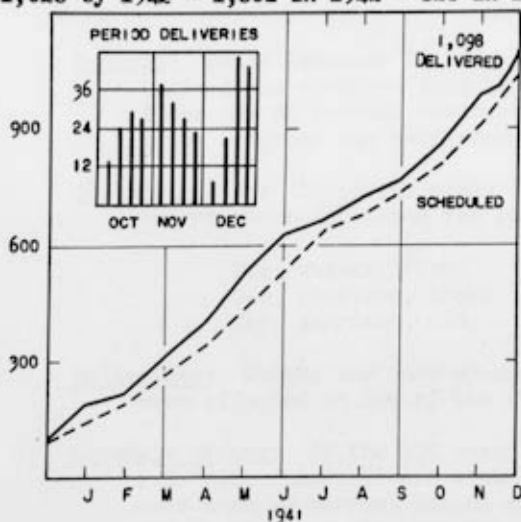


Air Corps
27

Statistics Branch
OUSW - 1-10-42

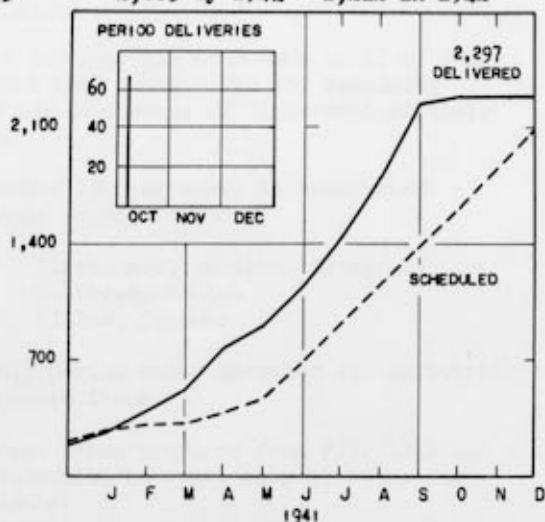
ARMY PROJECT AIRPLANES

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

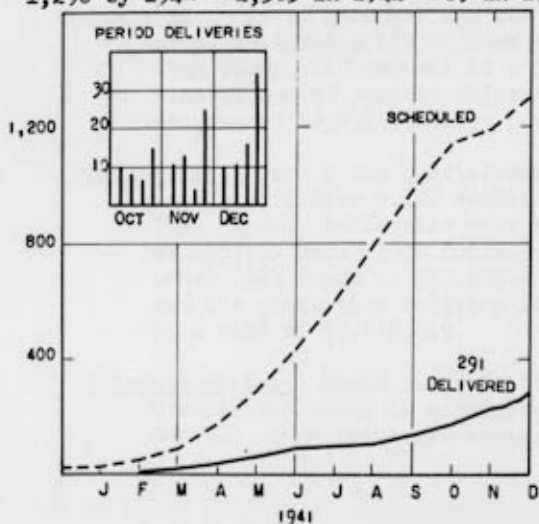


ARMY INSTALLATION ENGINES

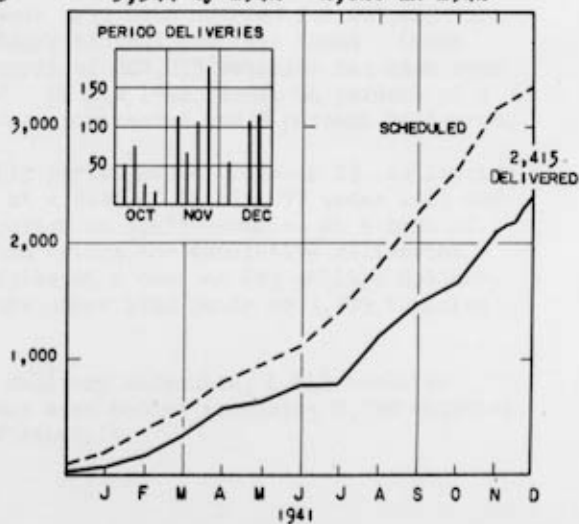
3,297 ADVANCE TRAINER, 1 ENG.
2,085 by 1942 - 1,212 in 1942



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



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



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - January 8, 1942

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General: As of December 23, complete delivery has been made on 17 of 174 basic items procured from 1941 and 1942 funds. The 153 remaining items are 86 percent contracted and an average of 54 percent of their total programs has been procured.

Contracts: For the period ended December 23, increases in contracted amounts were indicated for 10 basic items, including:

Bag, canvas, field	Cloth, wool, melton, 32 oz.
Cap, garrison, khaki	Mattress, cotton
Cap, garrison, o.d.	Pillow, feather

Deliveries: During the quarter-monthly period ended December 23, deliveries were effected on 108 of the 174 basic items.

Schedule Status: Of the 170 basic items being procured from F.Y. 1941 and F.Y. 1942 funds, 51 are behind schedule; however, only 17 items are more than 10 percent behind schedule.

MOTOR VEHICLES

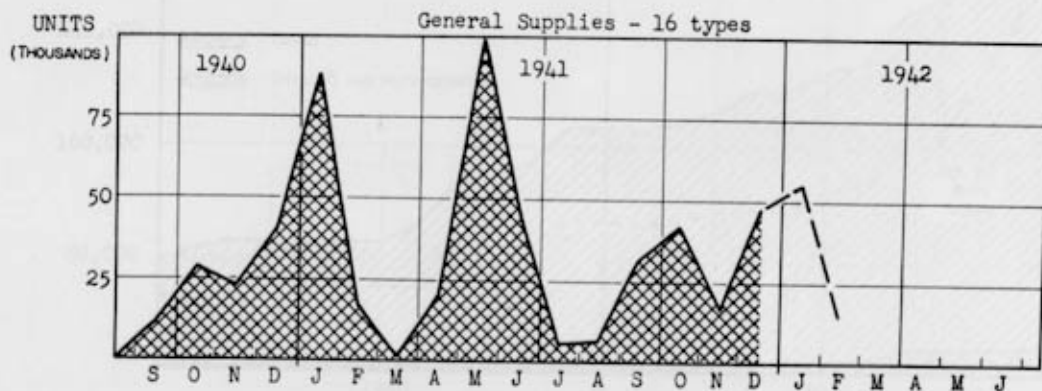
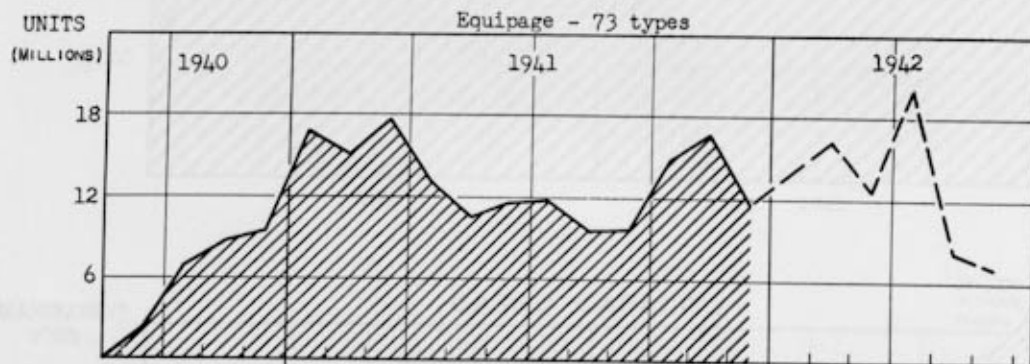
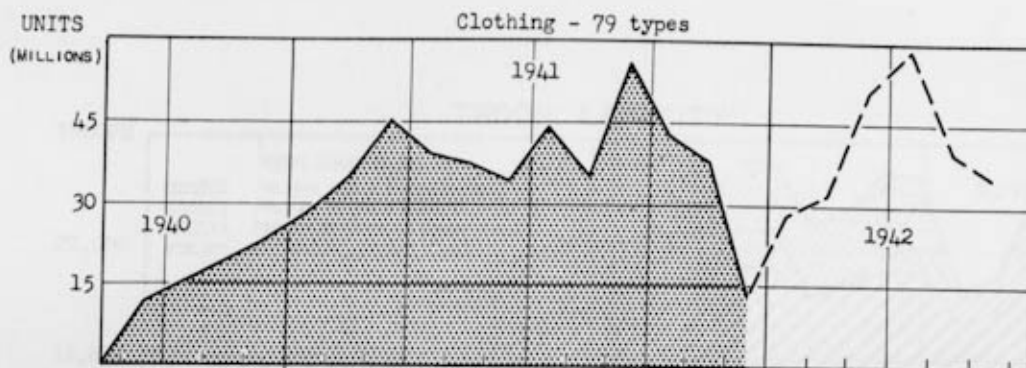
Contracts: As of December 23, contracts have been awarded for 287,661 vehicles, obligating 410 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 242,233 vehicles has been contracted and 87 percent delivered. Of the 1942 funds, 94 percent of a program of 48,091 vehicles has been contracted and 8 percent delivered.

Deliveries: During the quarter-monthly period ended December 23, deliveries were reported on 6,452 vehicles at a cost of \$8,620,097 under 1941 and 1942 funds. Deliveries were reported on 5,433 vehicles at a cost of \$7,456,131 under 1941 funds. This brings the cumulative deliveries under 1941 funds to 210,639 vehicles at a cost of 290 million dollars, and the cumulative delivery figure under 1942 funds to 3,779 vehicles at a cost of \$5,119,849.

Schedule Status: Based on estimated delivery schedules, 4,642 vehicles distributed among 19 manufacturers were behind schedule; 3,038 vehicles, however, were delivered ahead of schedule.

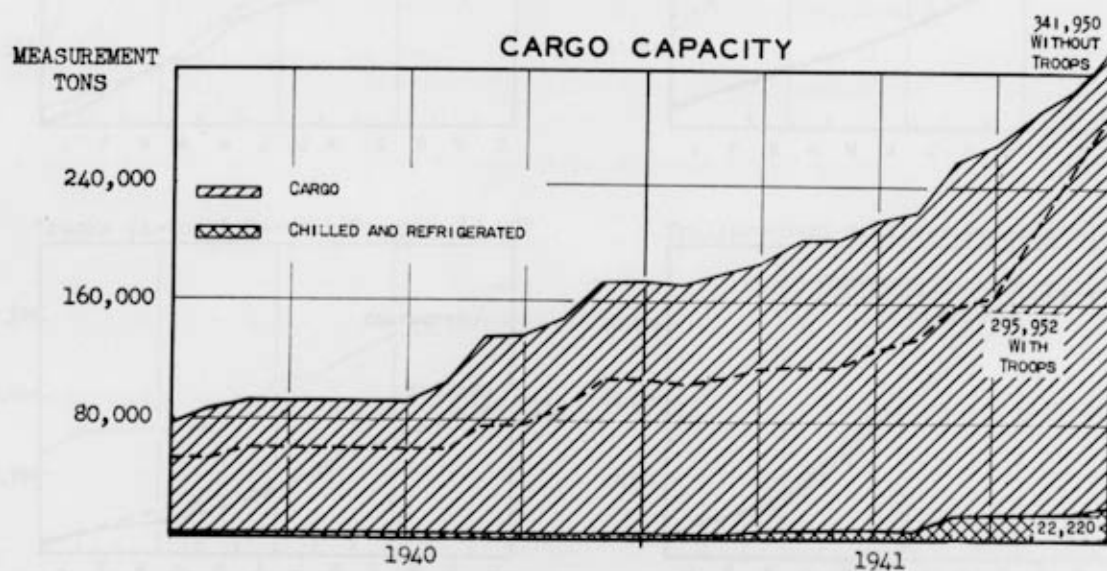
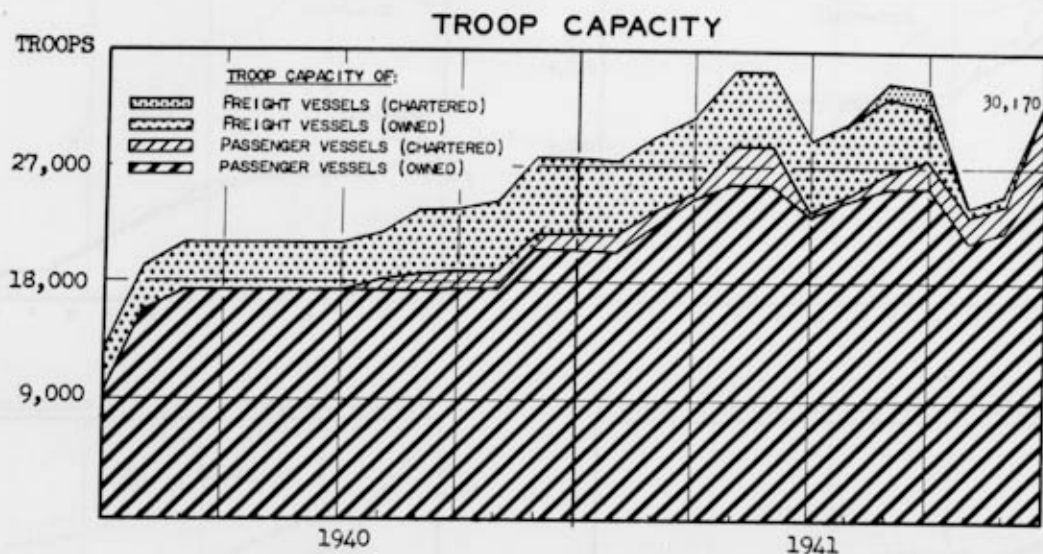
PROCUREMENT OF Q. M. C. BASIC ITEMS OF SUPPLY BY MONTHS - F.Y. 1941 and F.Y. 1942

Source: Statistics Branch, Office of the Quartermaster General



CAPACITIES OF Q. M. C. OCEANGOING VESSELS - December 31, 1941

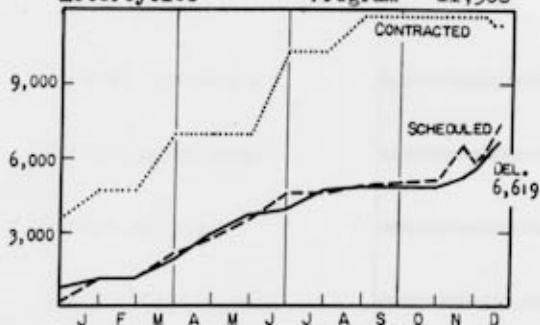
Source: Statistics Branch, Office of the Quartermaster General



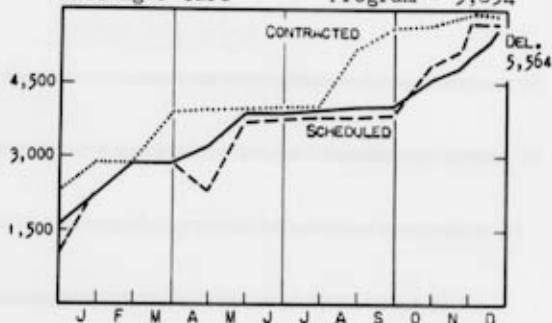
Q. M. C. - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 & 1942 - Dec. 23, 1941

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

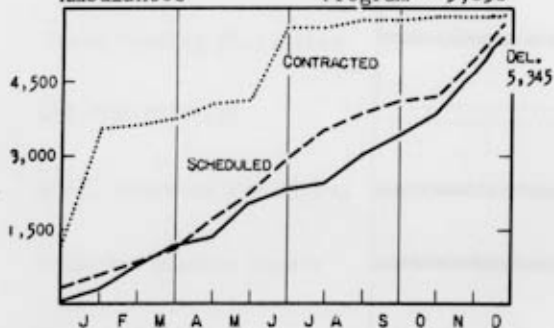
Motorcycles Program - 11,368



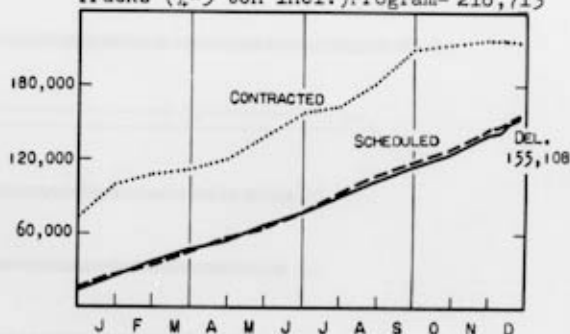
Passenger Cars Program - 5,854



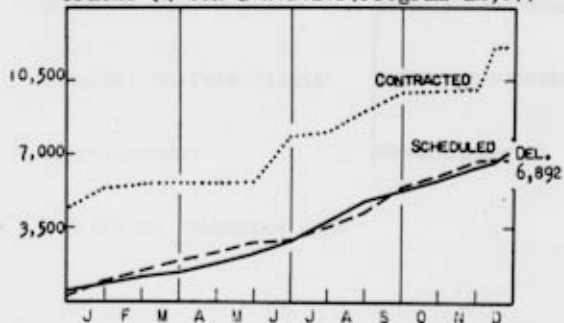
Ambulances Program - 5,838



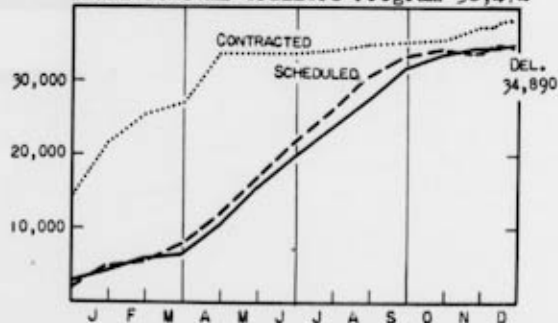
Trucks (1/2-3 ton incl.) Program - 216,713



Trucks (4-ton & heavier) Program - 12,079

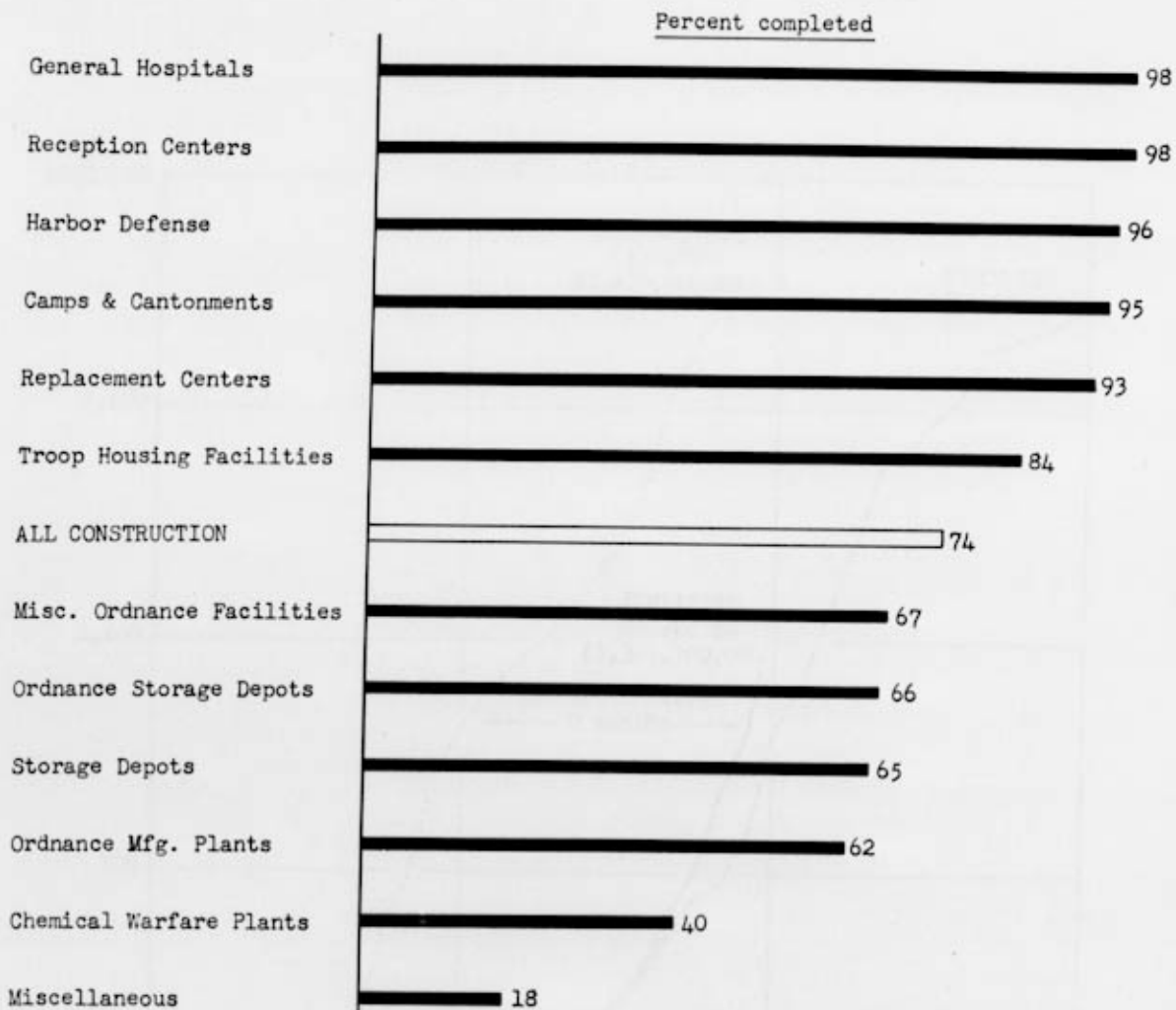


Trailers-Semi-trailers Program - 38,472



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

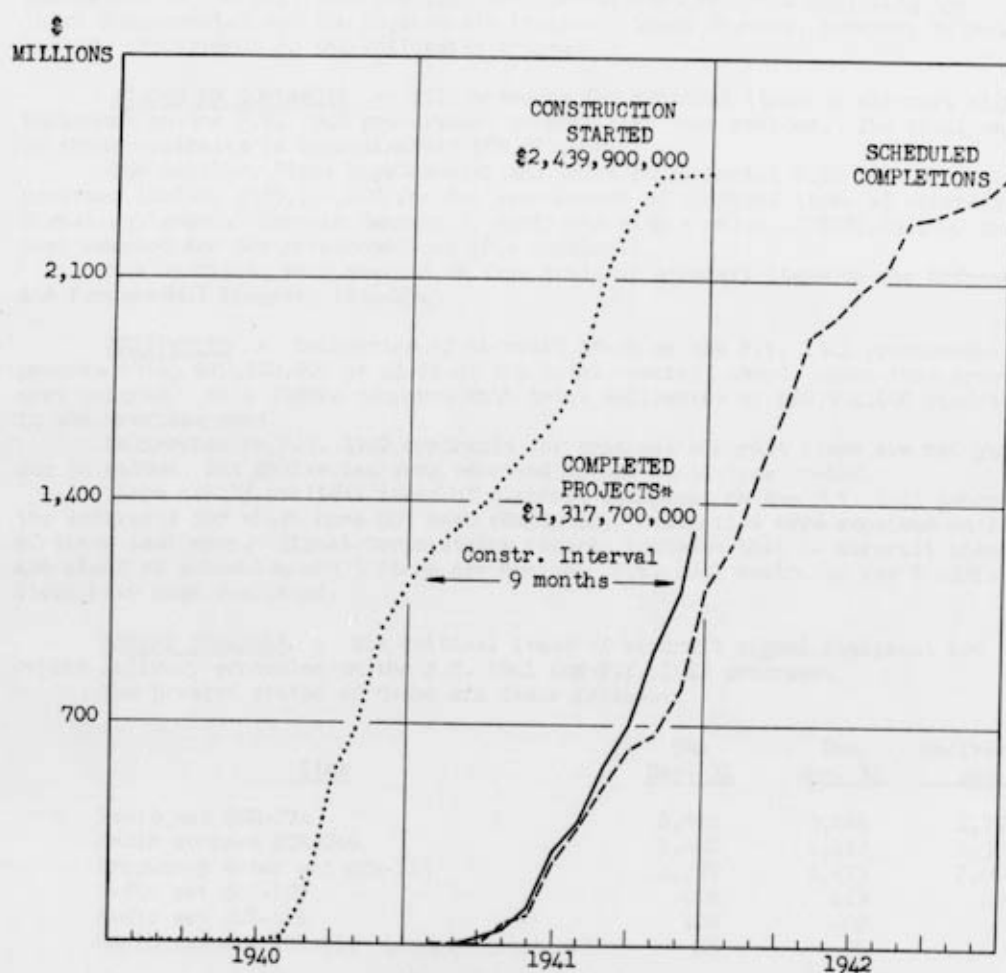
Source of Information: Statistics Branch, Office of the Quartermaster General



* Based on estimated cost

STATUS OF COMPLETED Q. M. C. CONSTRUCTION PROJECTS - December 15, 1941

Source: Construction Division, Office of the Quartermaster General



*Includes all projects from 95% to 100% complete

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - JANUARY 3, 1942

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

PROGRAM - Program figures shown in this report include quantities of critical items approved for procurement with Defense Aid funds where those items are common to both our Army and Defense Aid programs. Totals shown include all quantities on the F.Y. 1941 and F.Y. 1942 procurement programs including the Third Supplemental and the Defense Aid Program. These figures, however, do not include procurement on the Philippine program.

STATUS OF CONTRACTS - All contracts for critical items of aircraft signal equipment on the F.Y. 1941 procurement program have been awarded. The total value of these contracts is approximately \$89,983,000.

The Regular, First Supplemental and Third Supplemental F.Y. 1942 procurement programs include \$339,554,000 for the procurement of critical items of aircraft signal equipment. Through January 3, contracts with a value of \$181,296,000 had been awarded for the procurement of this equipment.

New contracts were awarded on five critical aircraft items on the Defense Aid Procurement Program, 1941-1943.

DELIVERIES - Deliveries of aircraft items on the F.Y. 1941 procurement program total \$22,100,000 or 24.6% of the total contract awards under this procurement program. This figure compares with total deliveries of \$20,974,000 reported in the previous week.

Deliveries on F.Y. 1942 contracts for critical aircraft items are not yet due in volume, but deliveries were received on 100 contractors BC-608.

There are 15 critical items of aircraft equipment on the F.Y. 1941 program, the contracts for which have not been completed. Deliveries were received on 11 of these last week. Signal Corps status reports indicate that 10 aircraft items are ahead of schedules and 5 items are behind. F.Y. 1941 contracts for 7 additional items have been completed.

BEHIND SCHEDULE - Six critical items of aircraft signal equipment are behind delivery schedules on the F.Y. 1941 and F.Y. 1942 programs.

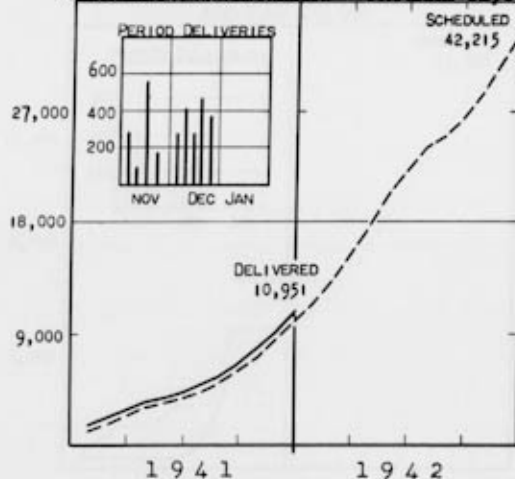
The present status of these six items follows:

<u>Item</u>	<u>Due</u> <u>Dec. 31</u>	<u>Due</u> <u>Jan. 31</u>	<u>Delivered to</u> <u>Jan. 3</u>
Radio set SCR-274	2,850	3,656	2,722
Radio compass SCR-269	1,862	2,112	1,385
Frequency meter set SCR-211	1,757	2,473	1,000
Radio set SCR-187	409	449	405
Radio set SCR-521	100	400	0
Radio compass SCR-269 (Single Position)	25	50	0

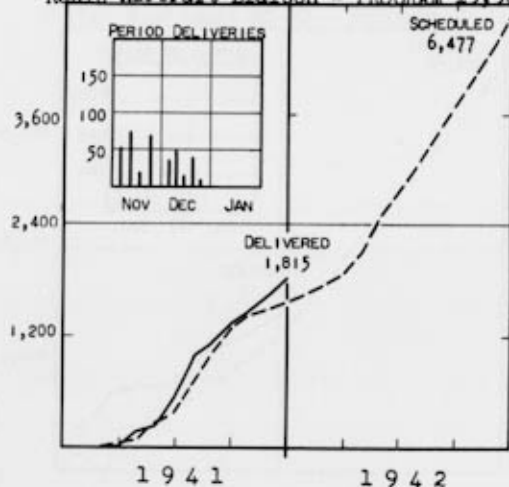
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
JANUARY 3, 1942

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

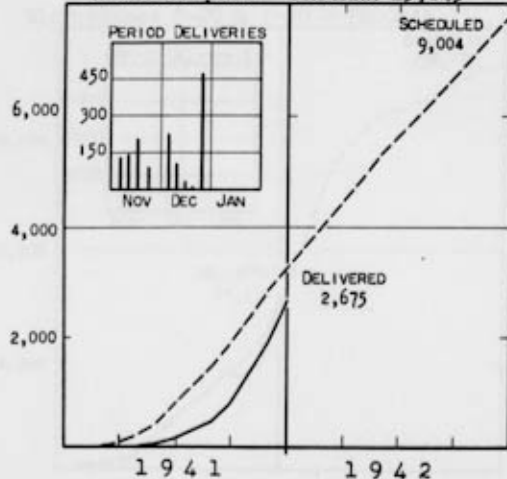
Radio Aircraft Command - PROGRAM 61,014



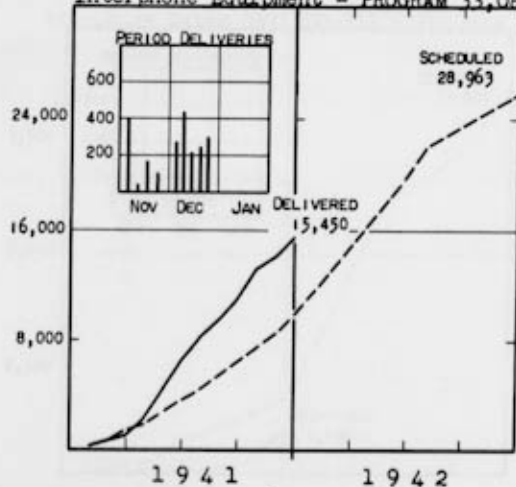
Radio Aircraft Liaison - PROGRAM 15,588



Radio Compass - PROGRAM 15,845



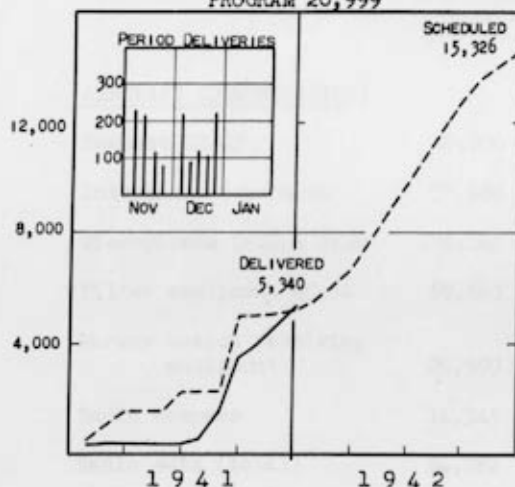
Interphone Equipment - PROGRAM 33,088



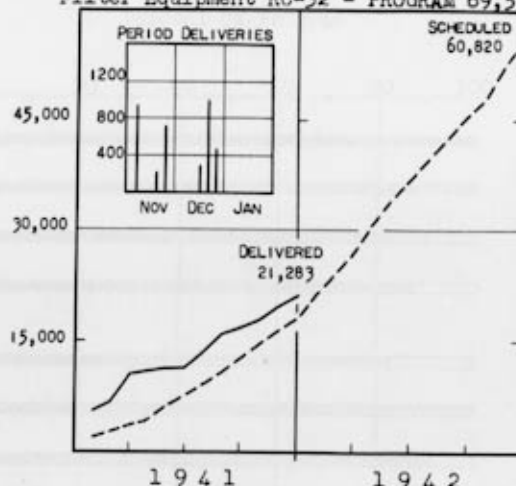
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
JANUARY 3, 1942

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

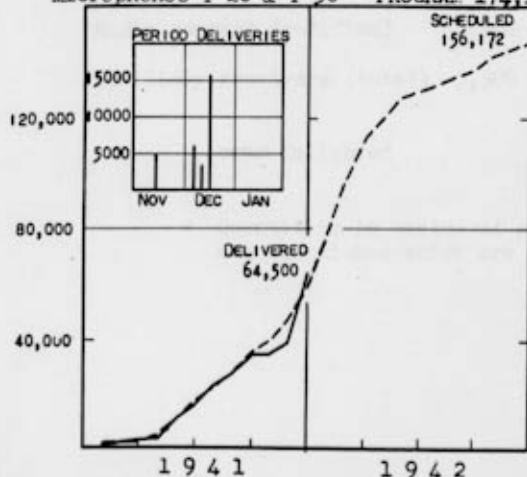
Marker Beacon Receiving Equipment
 PROGRAM 20,999



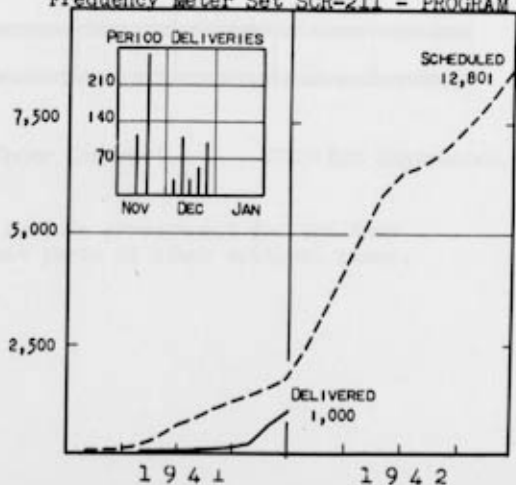
Filter Equipment RC-32 - PROGRAM 69,563



Microphones T-20 & T-30 - PROGRAM 174,165

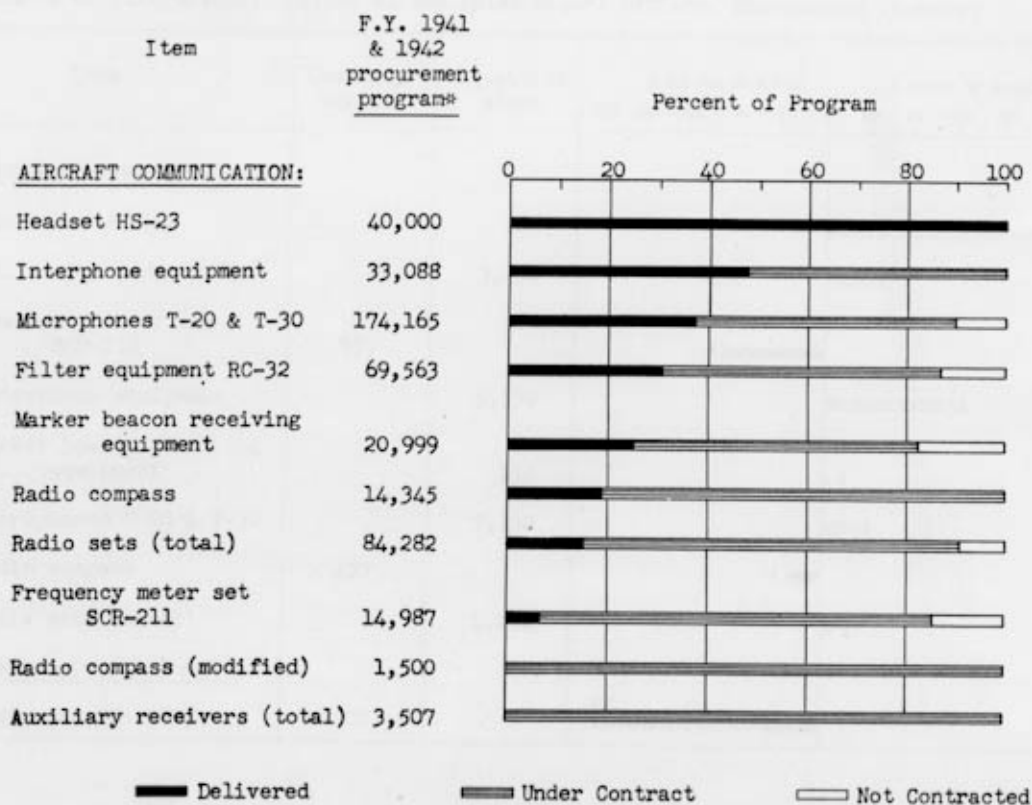


Frequency Meter Set SCR-211 - PROGRAM 14,987



SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - JANUARY 3, 1942

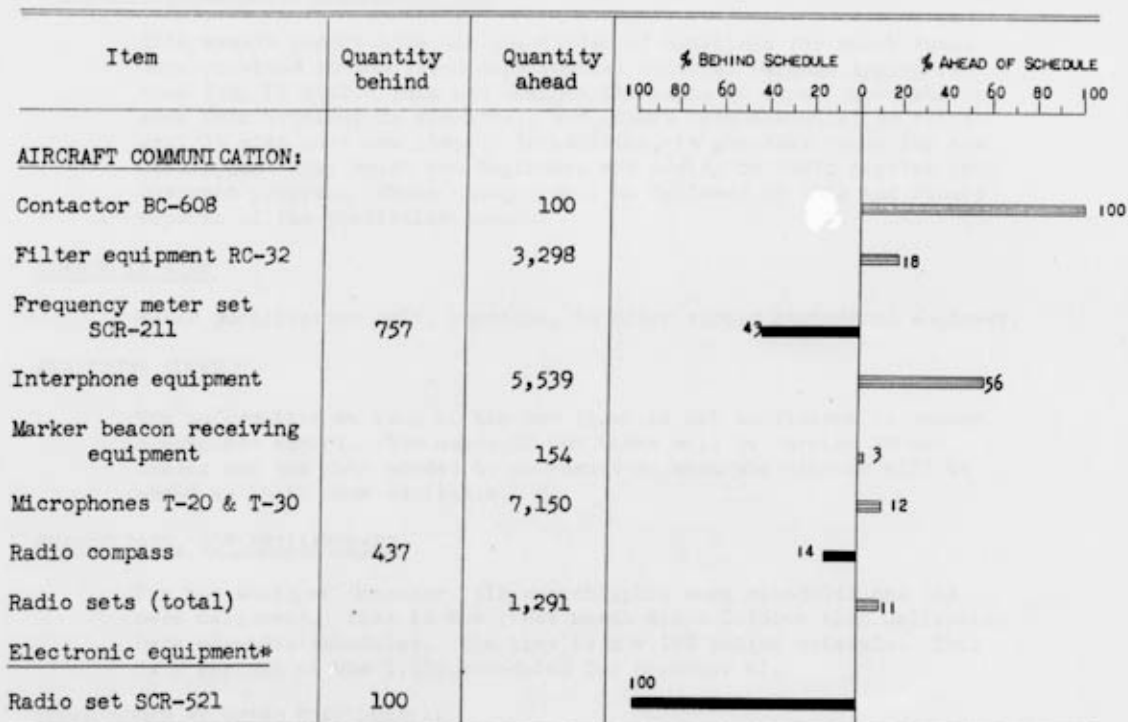
Source of Information: Office of the Chief Signal Officer, Procurement Division



* 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 - JANUARY 3, 1942

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



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

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

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

THIRD SUPPLEMENTAL APPROPRIATION ACT

This week's report adds the quantities of materials for which funds were provided in the Third Supplemental National Defense Appropriation Act, FY 1942. This act changes the names of some items, shifts some from critical to essential, and others from essential to critical. It also adds new items. In addition, it provides funds for the Philippine Army which the Engineers are adding to their regular procurement program. These changes will be followed in this and future reports of the Statistics Branch.

CHANGE IN NAME

Water purification unit, portable, to Water supply equipment, engineer.

NEW ITEMS ADDED

The information on some of the new items is not sufficient to render a complete report. The names of the items will be carried in our tables and the data needed to construct an accurate picture will be added as it is made available.

SEARCHLIGHT, 60" ANTI-AIRCRAFT

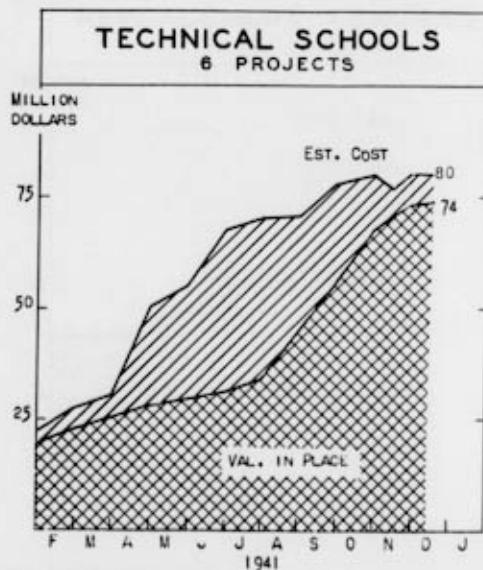
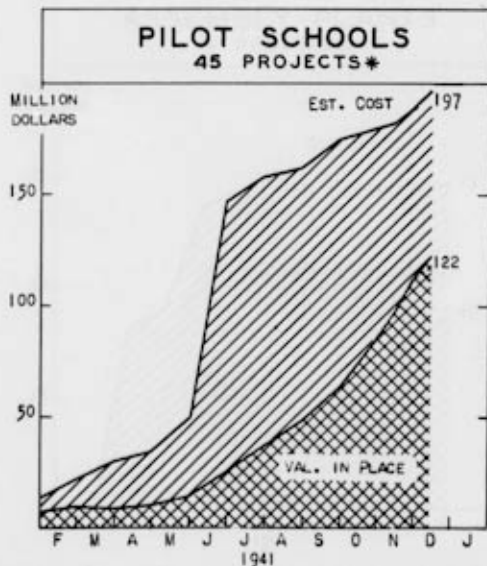
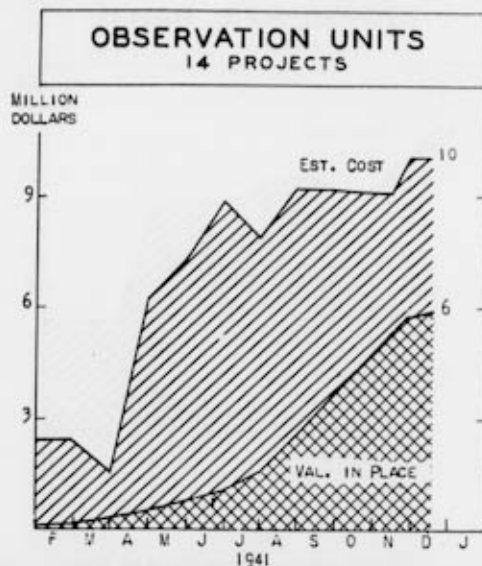
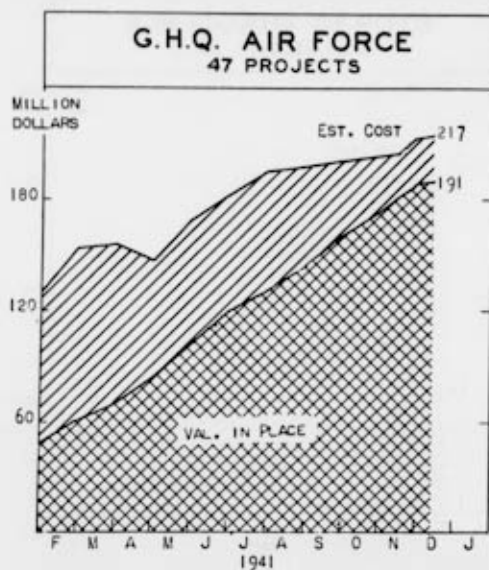
For the month of December, 113 searchlights were scheduled and 128 were delivered. This is the first month since October that deliveries have exceeded schedules. The item is now 179 behind schedule. This is 9 percent of the 1,876 scheduled for December 31.

ITEMS ADDED BY THIRD SUPPLEMENTAL

1. Boat, assault, rubber, 15 man capacity
2. Boat, rubber, 6 man capacity
3. Bridge, steel treadway
4. Semi-trailer, 1500 gal, water
5. Semi-trailer, flat bed, 20-ton
6. Special equipment, shop company
7. Special equipment, road construction
8. Truck, 4 ton, 6 x 6, cargo
9. Truck, 4-5 ton, 4 x 4, dump
10. Truck, 5-6 ton, tractor

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

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

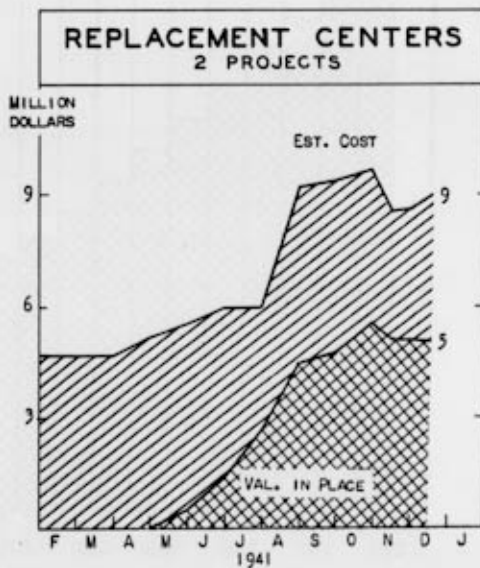
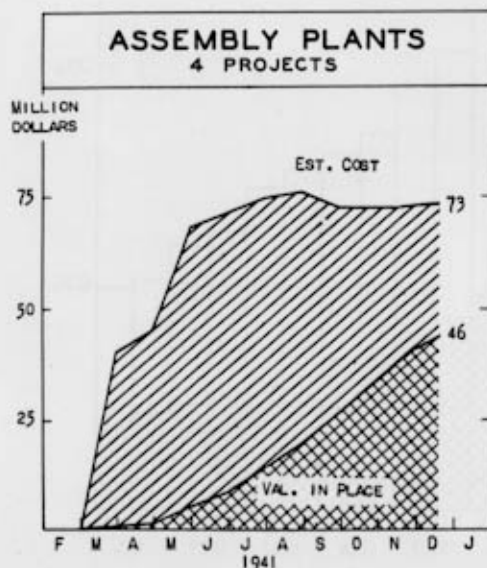
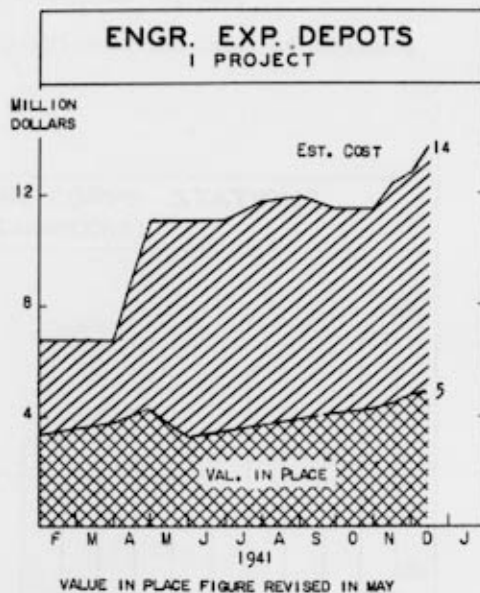
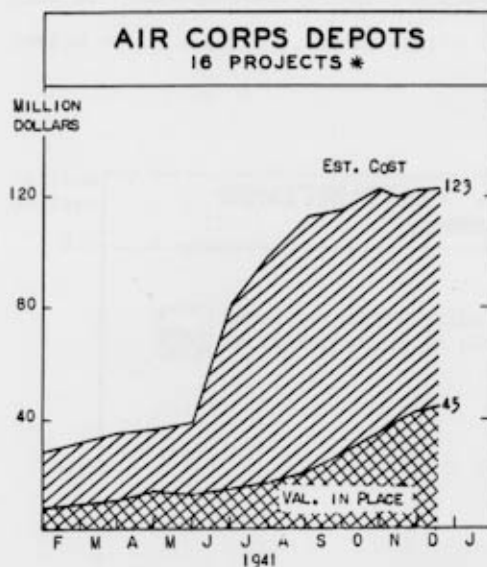


*INCLUDES 3 BOMBING RANGES

Corps of Engineers

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

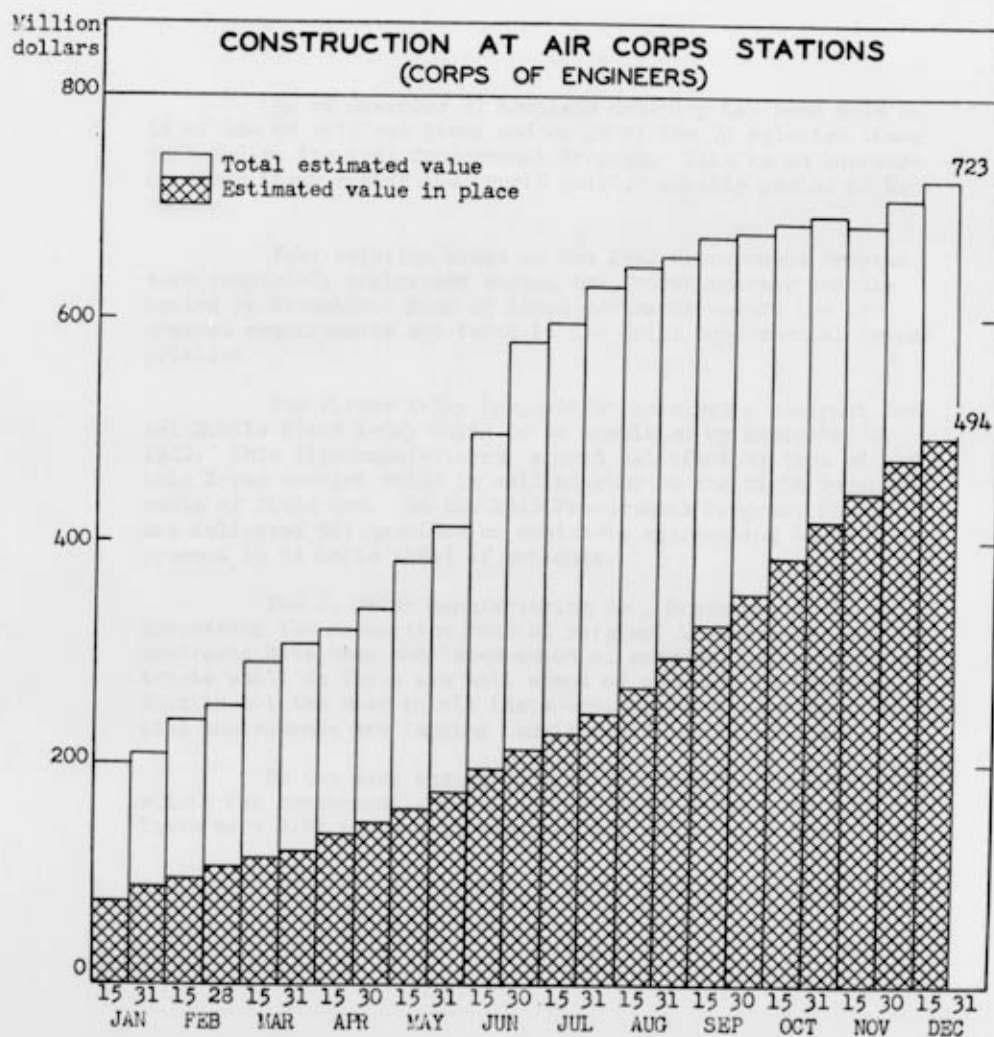
Source of Information: Construction Section, Office of the Chief of Engineers



*INCLUDES ONE WEATHER AND COMMUNICATIONS DETACHMENT AND SIX FERRYING COMMANDS

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

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JANUARY 10, 1942

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

As of December 31 complete delivery has been made on 19 of the 60 critical items and on 38 of the 72 selected items followed on the 1941 Procurement Program. This is an increase of three items during the fourth quarter monthly period of December.

Four selected items on the 1942 Procurement Program were completely contracted during the fourth quarter monthly period of December. None of these contracts covers the increased requirements set forth in the Third Supplemental Appropriation.

The Picker X-Ray Corporation received a contract for 461 Mobile Field X-Ray Units to be completed by September 2, 1942. This firm manufactures a most satisfactory type of portable X-ray machine which is well adapted to the rigid requirements of field use. On the 1941 Procurement Program, Picker has delivered 561 machines on contracts aggregating 642 and at present is 84 units ahead of schedule.

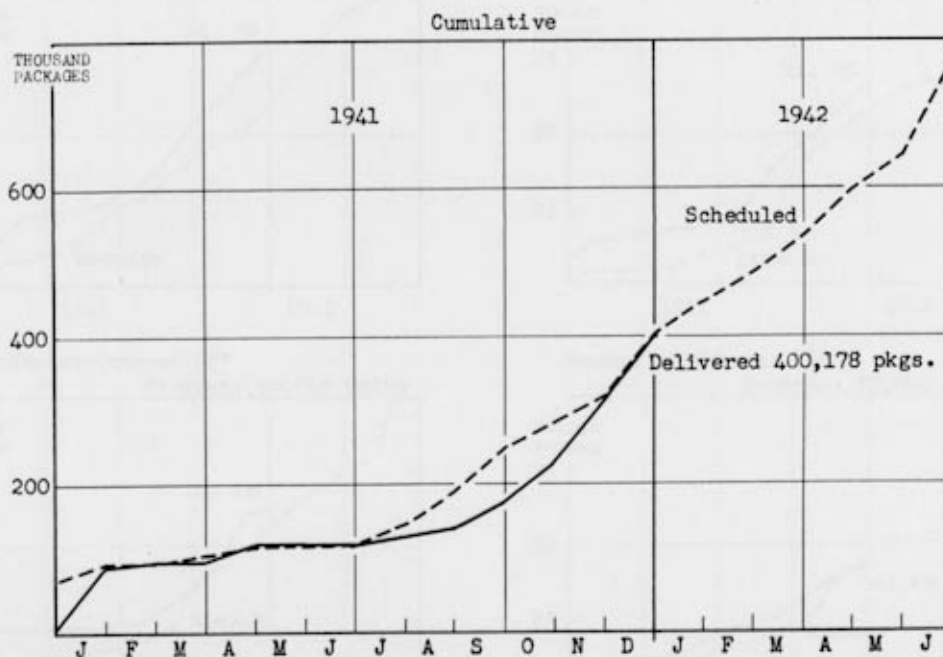
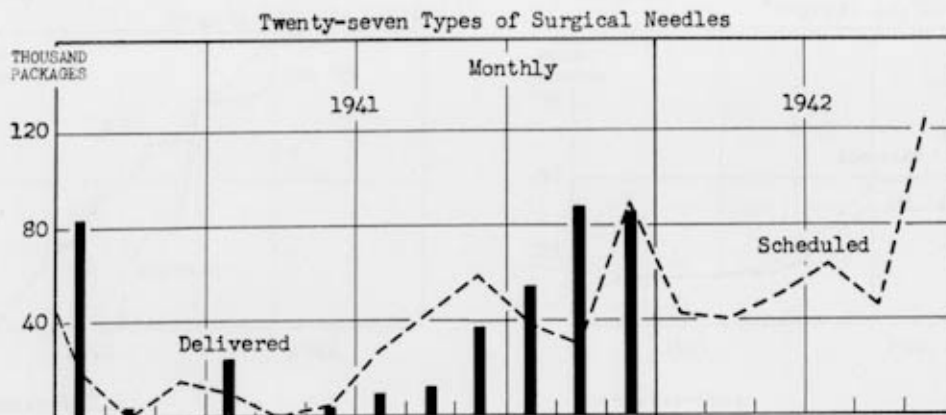
The J. Sklar Manufacturing Co., Brooklyn, N. Y., is increasing the production rate of surgical instruments. Many contracts have been completed ahead of schedule and several contracts still in force are well ahead of promised deliveries. This is not the case in all instances, however, as several special instruments are lagging considerably behind schedule.

In the week ending January 3, the percentage of sick within the continental limits of the United States was 2.94. There were 2.71 percent in hospital and .23 in quarters.

MEDICAL DEPARTMENT - PROCUREMENT OF SURGICAL NEEDLES - DECEMBER 31, 1941

Source of Information: Medical Department Procurement Progress Reports

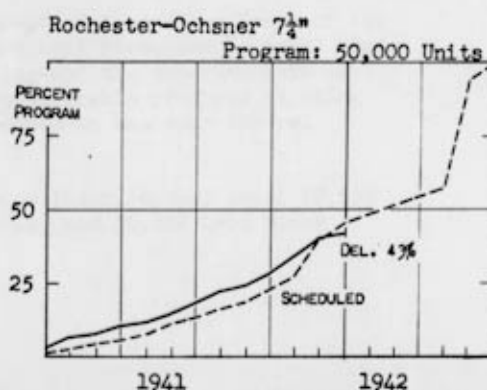
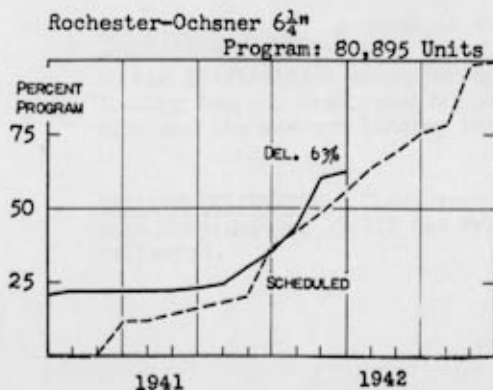
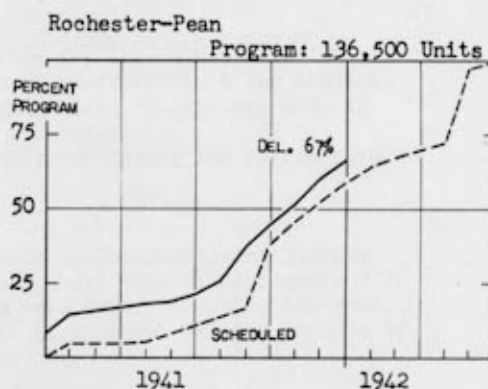
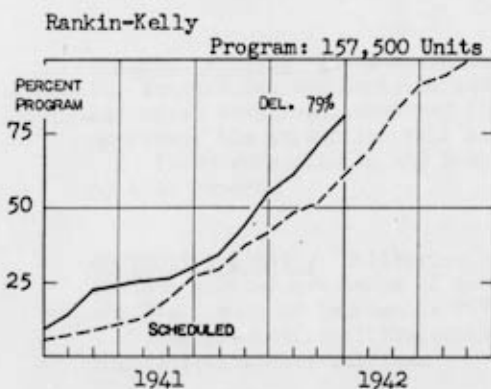
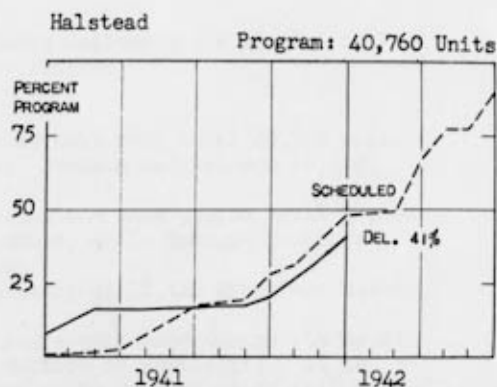
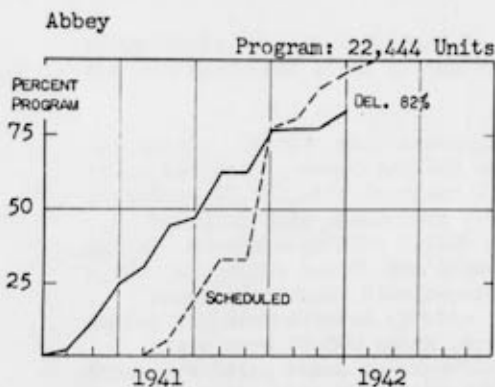
Includes F.Y. 1941 & 1942 Programs.



MEDICAL DEPARTMENT - DELIVERY STATUS - HEMOSTATIC FORCEPS - DECEMBER 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Includes both F.Y. 1941 & 1942 programs.



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JANUARY 2, 1942

Source of Information: Chemical Warfare Service Progress Reports

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

GAS MASKS: Service Mask assemblies reported this week total 40,318 units. These deliveries were reported as follows: Johnson and Johnson 16,128; Firestone 21,504, and Goodyear 2,686.

Training Mask assemblies reported during the same period total 26,466 units. Eureka assembled 11,606 of this number, while Sprague reported 8,100, Firestone 5,660, and Edgewood 1,100.

Edgewood Arsenal also reported an assembly of 21,420 Diaphragm Masks during the week covered by this report.

There were 67,800 extra Service Canisters delivered during the week. Steps are being taken to expedite the production of Whetlerite. It is hoped that the time-objective schedules set up by General Staff will be met.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 152.7 tons. The Mustard Gas and Lewisite facilities are insufficient at the present. Estimates have been submitted for increasing these facilities; and, if approved, the production will be greatly increased.

There were also 16,148 Smoke Pots delivered during the period covered by this report.

PROTECTIVE AGENTS: Deliveries of 141.7 tons of Demustardizing Bleach; 509,664 eight-ounce tubes of Shoe Impregnite; 3.7 tons of Impregnite "I", and 374.4 tons of Impregnite "I" Solvents were reported during the week.

The production of Protective Ointment is somewhat delayed because of manufacturing difficulties.

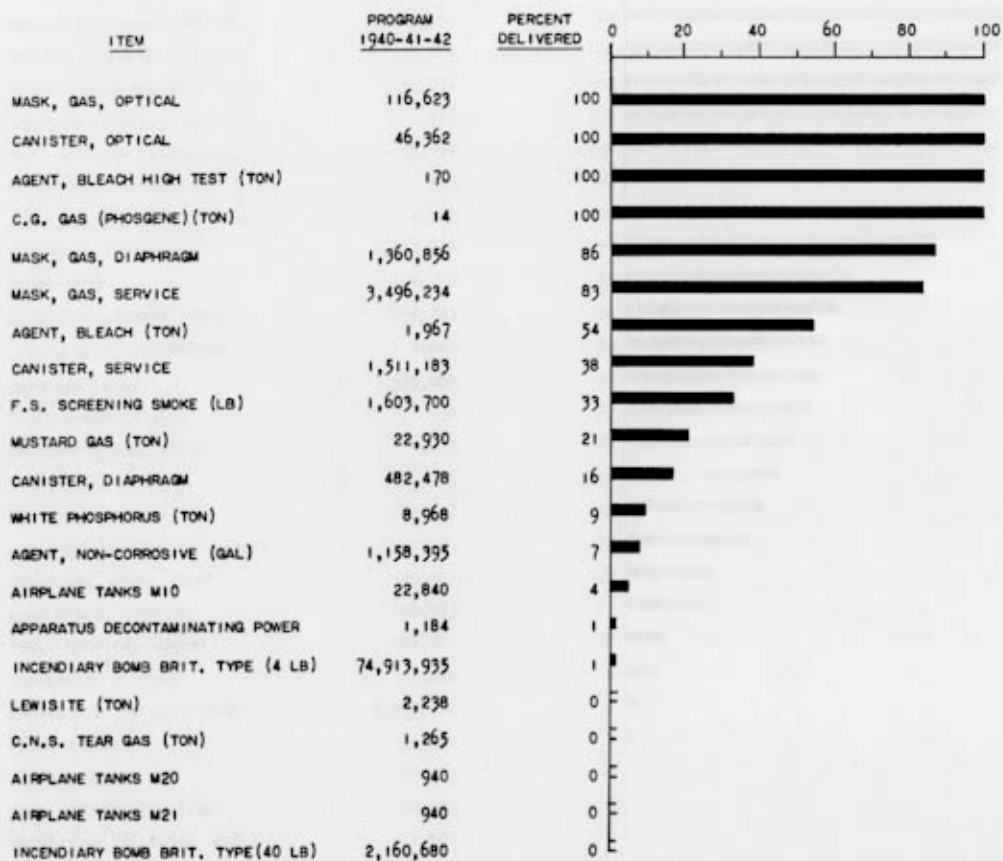
INCENDIARY BOMBS: A total of 66,810 four-pound Incendiary Bombs of the substitute type have been assembled by National Fireworks to date. Due to the difficulties encountered in "tooling-up" the expected rate of loading has not been reached; however, considerable progress is being made and the maximum loading rate is expected in the near future.

VARIOUS DELIVERIES: There were also 29 Gas Instructional Sets; 15,656 Dust Respirators; 13,912 Gas Proof Curtains, and 50,688 Land Mines delivered.

PROCUREMENT PROGRESS - CHEMICAL WARFARE SERVICE - CRITICAL ITEMS

Source of Information: Chemical Warfare Service

January 2, 1942



PROCUREMENT PROGRESS - CHEMICAL WARFARE SERVICE - SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

January 2, 1942

