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August 23, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copy No. 8 of the Weekly Statistical Report Summary.

R. P. Patterson

SECRET

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

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WEEKLY STATISTICAL REPORT

No. 8

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

SUMMARY

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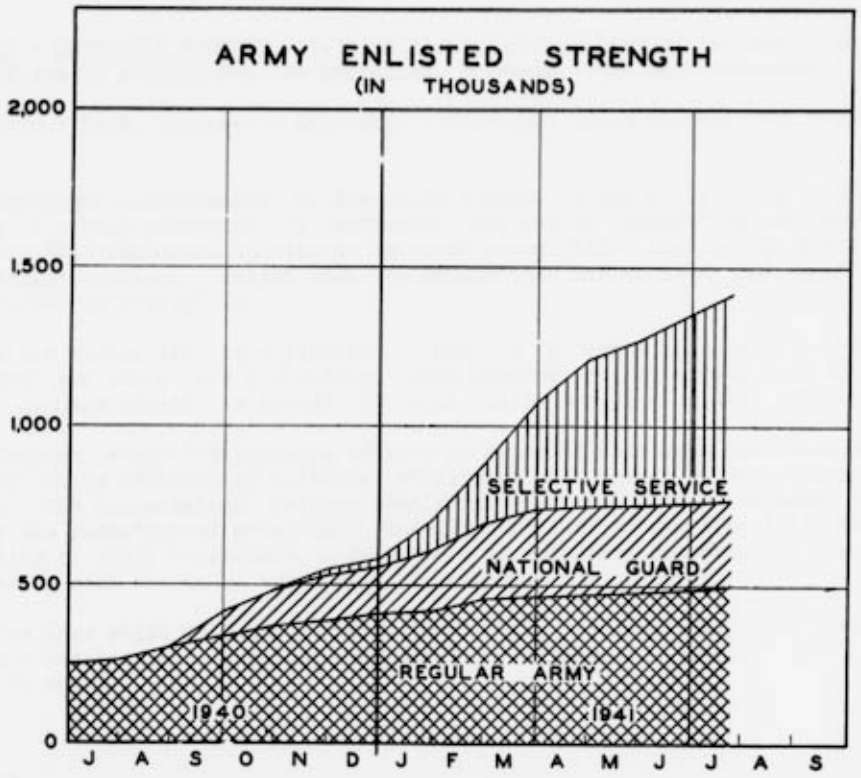
STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-842-1 Issued to THE PRESIDENT

U. S. GOVERNMENT PRINTING OFFICE 337145

WEEKLY STATISTICAL SUMMARY
REPORT NO.8
AUGUST 23, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to August 14, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,417,067
Aug	302,968	Feb	873,667	Aug 14	1,443,500
Sep	407,613	Mar	1,068,030		
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,348,004		

Source of Information: Statistics Branch, General Staff, August 20, 1941

Statistics Branch
OUSW - 8-23-41

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Aug. 20, 1941

Newspaper commendation of the eight points in the declaration of the Atlantic has been substantially universal and may be regarded as one more indication that editorial opinion is in close accord with the foreign policy of the Administration. Belief that the declaration has carried the country nearer to war is negligible.

A new rising tide in criticism of defense progress appears to be in the making, and there are indications that Senator Byrd's speech on this subject in the Senate on August 19 will lift the line still further.

Concern about the probable effects of material shortages continues to be strong and is influencing editorial writing on most phases of the defense program. The commentators believe that further efforts should be made to plan for the reduction of priorities unemployment and to guard against the destruction of small businesses. Proponents of voluntary conservation and of rationing seem now to be about equal in number.

The line which reflects concern about labor problems has turned down, apparently because fear is waning that current strikes will develop into a new strike wave.

TABULAR SUMMARY

THE EMERGENCY	Tallies
The declaration of the Atlantic commended	29
Declaration criticized	2
Draft extension praised	13
For age 28 draft limit	2
Morale in camps is poor	4
For firm Japanese policy	1
Take over Martinique	1
For aid to Russia	2
Road veto approved	1
For censorship powers	1
TREND TOWARD WAR	
We are trending	7
War inevitable	2
No danger from 7 points	3
Danger of Japanese war	3
Govt. wants war	4
Govt. does not want war	2
Do not go to war	2

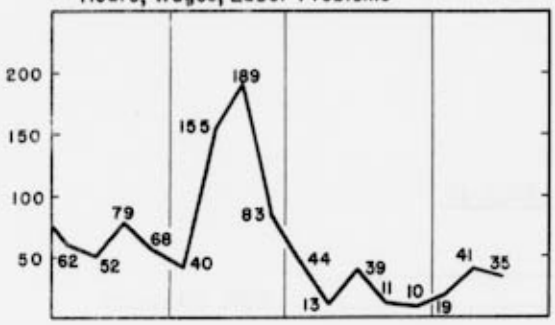
GENERAL CRITICISM	
Govt. economic policy	8
Govt. labor policy	6
Communists encouraged	3
Govt. stockpile policy	4
Conservation policy	4
Priorities handling	5
Public's needs ignored	7
Press relations policy	5
Defense organization	7
Defense planning	6
Waste of defense funds	6
Politics before defense	2
Public morale neglected	2
Defense production slow	12
Aid to Britain slow	1
Subcontracting slow	6
Plane output slow	2
Tank design poor	1
Training equipment lack	3
Criticism of Army	1

MATERIAL SHORTAGES	
For rationing	2
For voluntary methods	4
Cut public buying	5
Priorities unemployment	9
Priorities shutdowns	15
Shortages are serious	5
Plimsall change approved	1
Gas saving failing	7
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MISCELLANEOUS	1

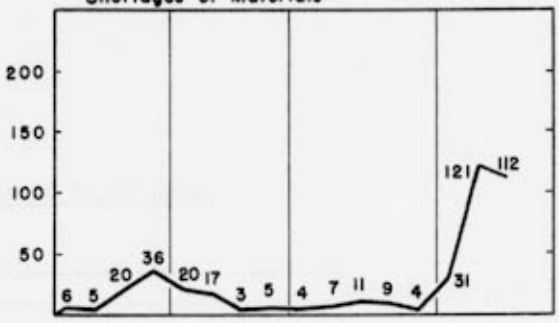
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company

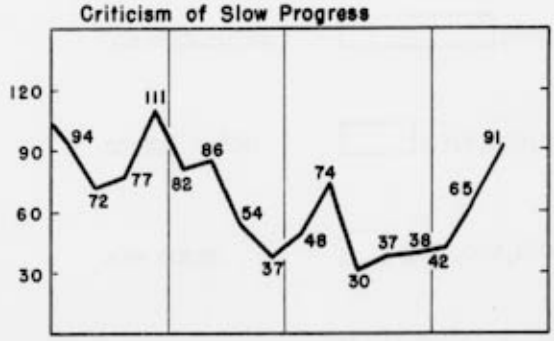
Hours, Wages, Labor Problems



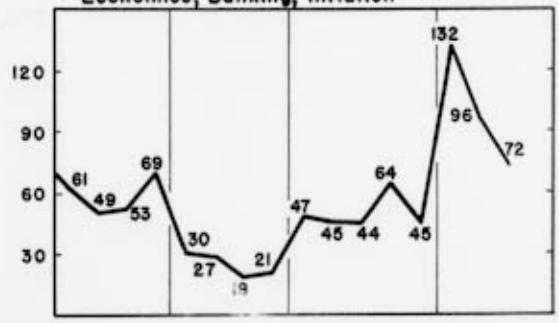
Shortages of Materials



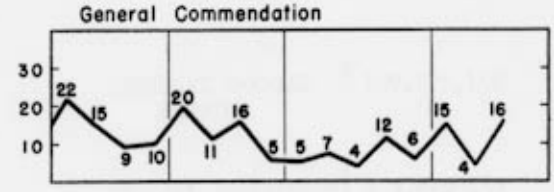
Criticism of Slow Progress



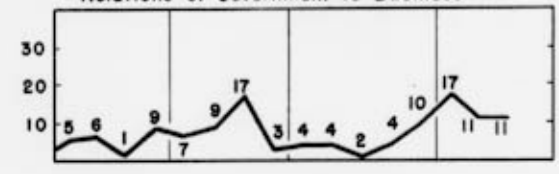
Economics, Banking, Inflation



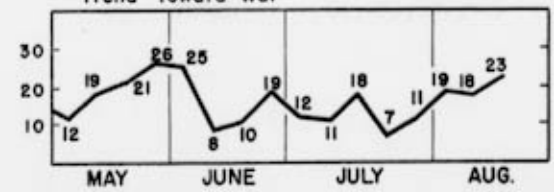
General Commendation



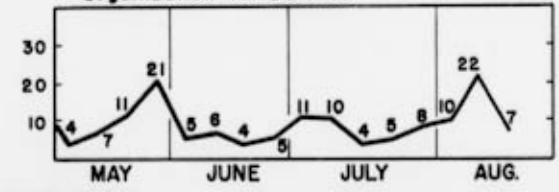
Relations of Government to Business



Trend Toward War



Organization for Defense



Statistics Branch
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FIRST SUPPLEMENTAL NATIONAL DEFENSE APPROPRIATION, 1942
(Military Appropriations as agreed by conferees of the House & Senate)

Source of Information: H.R. 5412, House Report 1187

AMOUNTS AVAILABLE TO SERVICES

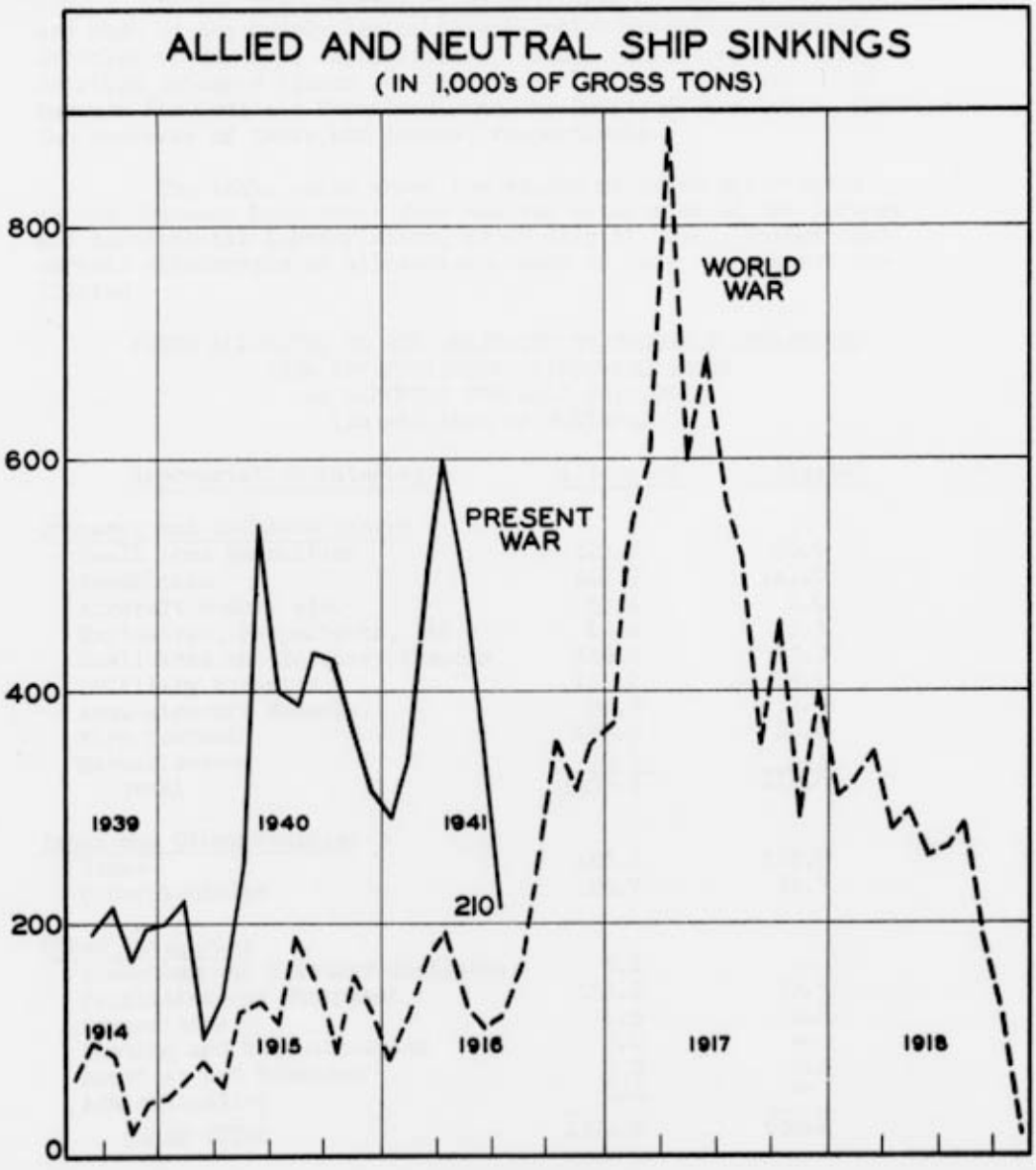
ORDNANCE DEPT.	$2,888,980,486
QUARTERMASTER	$721,571,977
SIGNAL CORPS	$347,150,825
AIR CORPS	$204,007,800
CORPS OF ENGINEERS	$61,118,970
CHEMICAL WARFARE SERVICE	$27,275,168
MEDICAL DEPARTMENT	$ 3,852,437
TOTAL	$4,253,957,663

Statistics Branch
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ALLIED AND NEUTRAL SHIP SINKINGS

Monthly losses of allied and neutral mercantile ships have declined rapidly since April of this year. The preliminary figure for July, 1941 is 210,000 gross tons lost compared with 597,000 gross tons for April. To date the loss of 7,325,000 tons during the first 23 months of this war is nearly three times as great as the sinkings during the corresponding period of the World War.

Source of Information: Office of Naval Intelligence.



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DEFENSE AID - FUNDS TO BE EXPENDED BY ORDNANCE DEPARTMENT

Source of Information: Ordnance Department reports to Division of Defense Aid Reports, O.E.M.

In the War Department, expenditures of Defense Aid funds are made by the Supply Arm or Service which normally purchases articles of the type requisitioned. Thus, funds from the appropriation category "Tanks and Other Vehicles" may be distributed between the Ordnance Department and the Quartermaster Corps, for the purchase of tanks and trucks, respectively.

The table below shows the status of funds distributed to the Ordnance Department from the ten categories of the Defense Aid Supplemental Appropriation, as of July 31, 1941, except that certain withdrawals of allocations, made on July 31, are not reflected.

FUNDS ALLOCATED TO AND OBLIGATED BY ORDNANCE DEPARTMENT
FROM APPROPRIATION CATEGORIES SHOWN
AS REPORTED FOR JULY 31, 1941
(in millions of dollars)

Appropriation Category	Allocated	Obligated
Ordnance and Ordnance Stores		
Small Arms Ammunition	123.7	66.6
Ammunition	347.7	141.0
Aircraft Bombs, etc.	53.4	4.0
Explosives, Propellants, etc.	19.4	3.3
Small Arms and Infantry Weapons	140.0	35.3
Artillery Materiel	121.2	48.4
Anti-aircraft Materiel	89.8	31.7
Fire Control	167.6	86.6
Miscellaneous	38.1	1.1
Total	1100.9	418.0
Tanks and Other Vehicles		
Tanks	182.2	123.9
Other Vehicles	128.7	31.7
Other Categories		
Miscellaneous Military Equipment	0.1	--
Facilities and Equipment	153.2	75.5
Commodities	1.5	0.6
Testing and Reconditioning	2.0	--
Services and Expenses	3.0	0.5
Administrative	0.4	--
GRAND TOTAL	1572.0	650.2

TEXT SUMMARY - ORDNANCE DEPARTMENT - AUGUST 23, 1941

Source of Information: Industrial Service and War Plans Division, Ordnance Department and OUSW

GENERAL

The percentage of completion of the 1940 and 1941 Fixcal Year procuremen programs is shown under eleven classifications on the following page.

AIRCRAFT ARMAMENT

Requirements, based on airplane delivery schedules as of June 30, 1941 when compared with estimated delivery schedules for the weapons, show the following surpluses and shortages of guns:

		Machine Gun Caliber .30	Machine Gun Caliber .50	20mm Automatic Aircraft Gun
July	1941	+ 785	+ 6,144	- 70
December	1941	- 1,176	+23,141	- 1,702
June	1942	+13,571	+37,164	-12,424
December	1942	+10,838	+ 8,789	-12,971

GUN, 20MM AUTOMATIC

The initial production model by Eclipse Aircraft Company was reported to have been fired successfully early in May. Certain parts of this new model aircraft cannon had to be redesigned, however, and the production schedule of Eclipse was set back five months, to start in September instead of in May.

Olds Motor Company's plant is reported to be lacking 23 necessary machine tools, which are to be diverted to it so that it may start deliveries in October. The other two manufacturers, International Harvester Company and Munitions Manufacturing Company, now plan to come into production in November and December.

If the expedited production plans materialize, deliveries of this critical item will be made substantially earlier that indicated by present schedules, which show delivery of only 1,200 guns through December, 1941, and a deficiency of about 1,700 guns as compared with total requirements at the close of 1941.

AMMUNITION

The Kingsbury and Ravenna Ordnance Plants, the last two of the five shell loading plants now under construction, started operations this week.

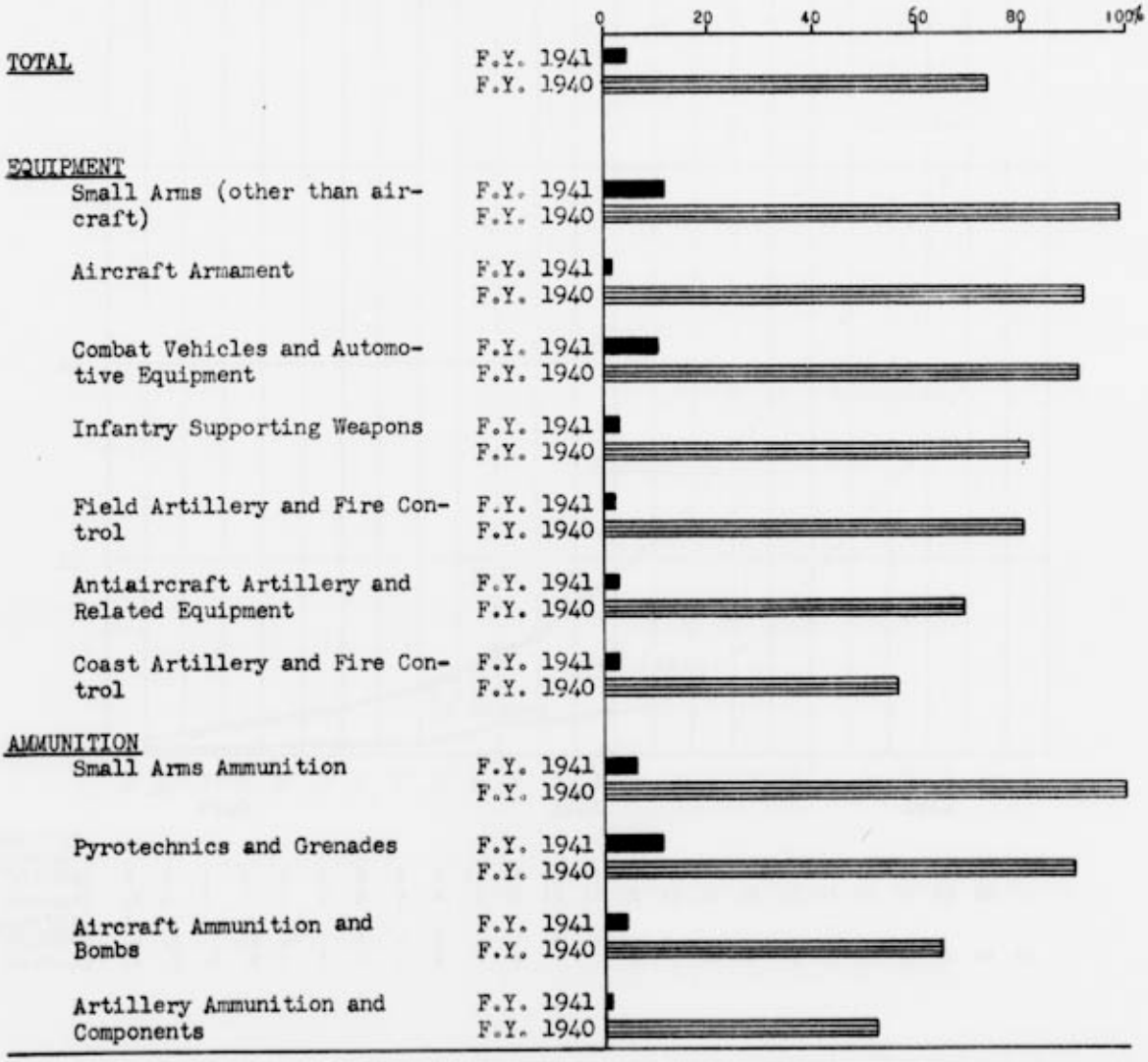
The first large deliveries of smokeless powder by the Indiana and Radford plants, totaling nearly 4,000,000 pounds, were made in July. Deliveries by these plants are estimated to increase to about 18,000,000 pounds in December.

The quantities of metal components of ammunition ordered and produced through August 1, 1941 are shown on pages 15 and 16 for 12 types of machined shells, 5 fuzes, 8 cartridge cases, 2 ignition cartridges, 2 boosters and 6 primers.

PERCENT OF COMPLETION OF PROCUREMENT PROGRAM - JULY, 1941

Source of Information: Industrial Service, Ordnance Department

Accepted deliveries through July, 1941 of eleven classifications of ordnance materiel are shown in the following diagram. These deliveries are based on dollar values, and the progress of the Fiscal Year 1941 and 1940 programs are shown separately. Through July, 74% of the dollar value of the 1940 Fiscal Year program had been delivered and 4.5% of the 1941 Fiscal Year program.

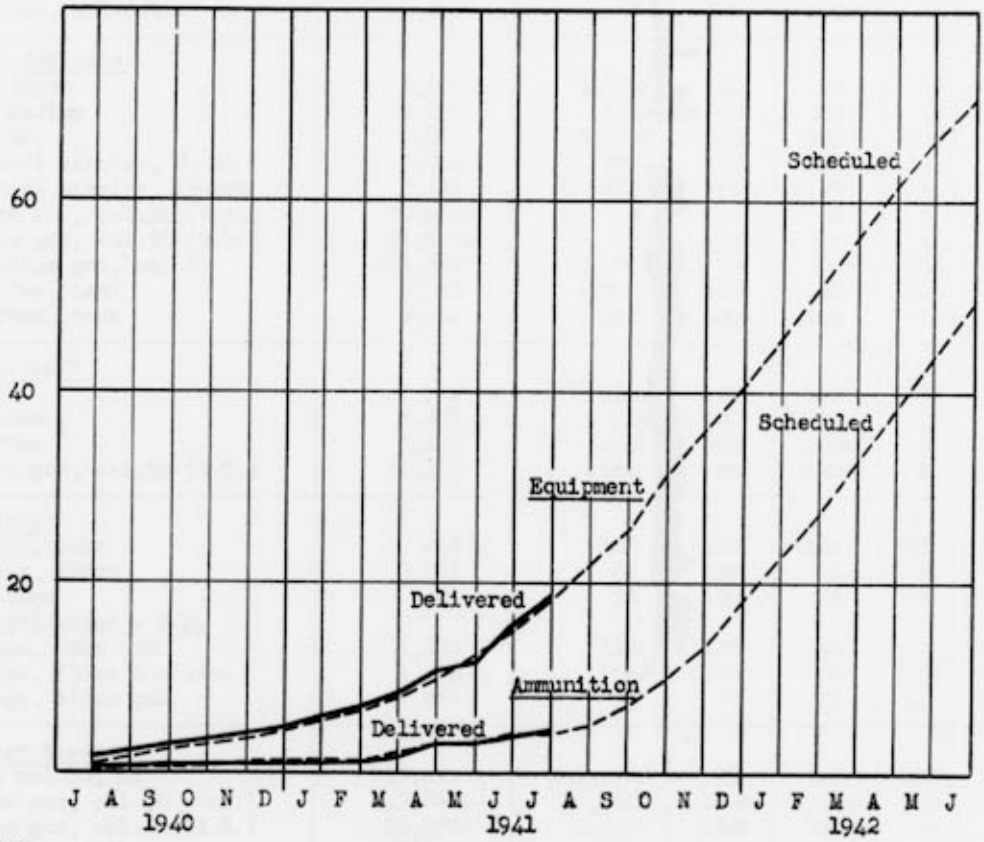


Statistics Branch
OUSW - 8-23-41

PROCUREMENT INDEXES - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department.

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Defense Aid Program reported by the Ordnance Department. The current procurement program consists of quantities being purchased with Fiscal Year 1940, 1941 and 1942 funds. Stocks of each item on hand prior to current procurement have been removed from these revised indexes in order to make them reflect solely the progress of current procurement.



CUMULATIVE EQUIPMENT																								
DELIVERED	2	2	3	4	4	5	6	7	8	11	12	16	19											
SCHEDULED	.8	2	3	3	4	4	6	7	8	10	12	15	18	22	27	32	36	41	45	51	56	62	66	70
AMMUNITION																								
DELIVERED	.5	.5	.7	.8	.9	1	1	1	2	3	3	4	4											
SCHEDULED	.4	.5	.6	.8	1	1	1	1	2	3	3	4	4	5	7	10	13	18	23	28	33	38	44	49

Statistics Branch
OUSW - 8-23-41

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JULY 31, 1941

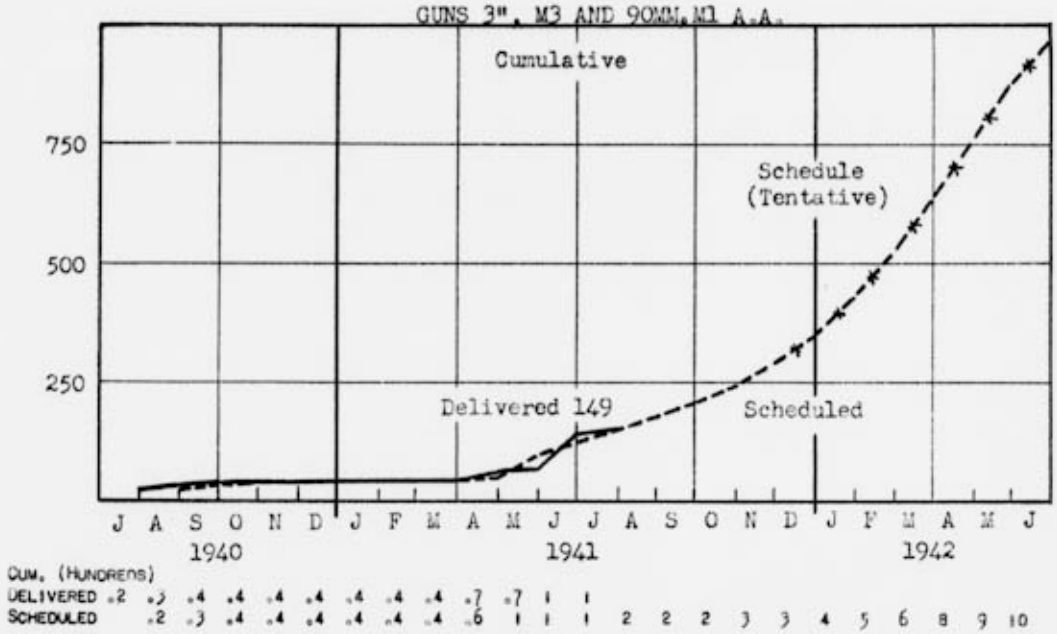
Source of Information: Industrial Service, Ordnance Department

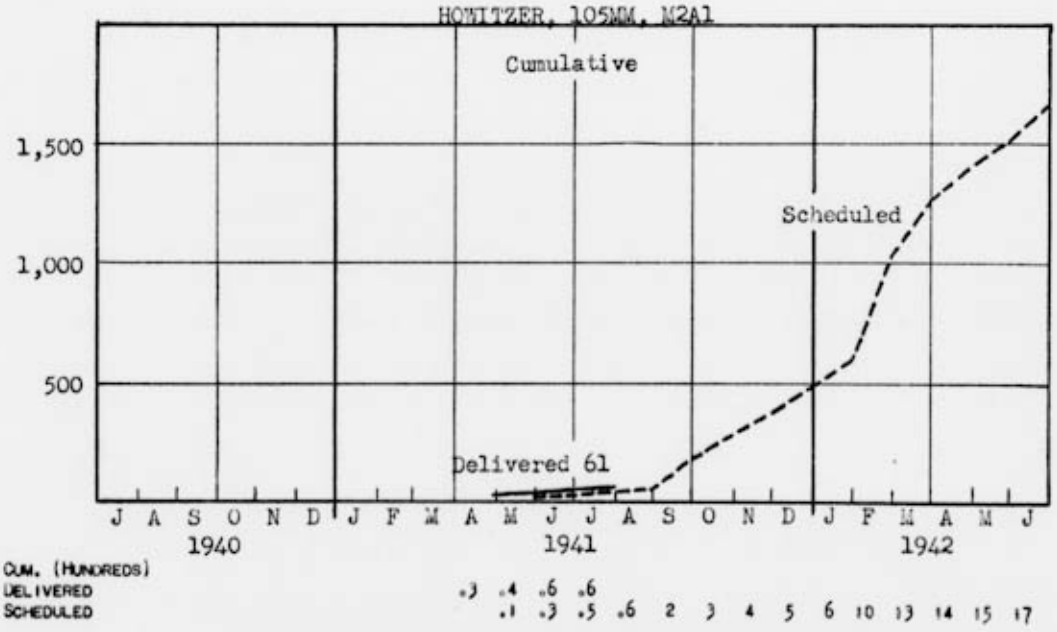
Item	Total procurement program	Delivered thru July 31	Percent of total program			
			Contracted	Scheduled	Due	Delivered
Aircraft Armament						
Machine gun, cal.30	90,148	7,587ø	100	100*	9ø	8ø
Machine gun, cal.50	165,127	12,820ø	100	100*	8ø	8ø
Gun, 20mm, automatic	44,749	0	100	100*	0	0
Gun, 37mm, automatic	2,880	57	100	100*	2	2
Combat Vehicles						
Tank, light	4,090	1,337ø	100	98	36ø	33ø
Tank, medium	4,748	151ø	100	100	4ø	3ø
Scout car	2,733	2,633ø	100	100	100ø	96ø
Personnel carrier, 8-man	5,792	993	100	100	14	17
Personnel carrier, 13-man	5,521	218	100	89	5	4
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	251,397	67,075ø	98	98*	27ø	27ø
Gun, 37mm, tank	7,352	1,767	100	82	22	24
Gun, 75mm, tank	2,764	102	100	100	1	4
Antiaircraft						
Gun, 3"	152	148ø	100	100	93ø	97ø
Gun, 90mm	1,271	11ø	100	100*	2ø	1ø
Gun, 37mm	3,195	462	100	100*	14	14
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	8	5
Artillery						
Howitzer, 75mm	958	123	100	100	13	13
Howitzer, 105mm	3,761	61	100	46	1	2
Gun, 155mm	492	18	100	68	3	4
Modernization - H.S.						
Carriage, 75mm gun	1,330	526	100	100	39	40
Carriage, 155mm howitzer	1,436	966ø	100	100	55ø	67ø
Carriage, 155mm gun	853	91	77	77	14	11
Infantry Armament						
Rifle, cal.30, M1	913,691	241,676ø	93	93	25ø	26ø
Machine gun, cal.30 (Var.)	113,850b	37,461b	100b	90b*	34b	33b
Machine gun, cal.50 (H.B.)	29,879b	1,188b	100b	100b*	4b	4b
Gun, 37mm, antitank	9,464	576	100	67	6	6
Mortar, 60mm	10,162	4,940ø	100	100	43ø	49ø
Mortar, 81mm	4,458	1,166ø	100	77	21ø	26ø

a Included in Infantry Armament. Deliveries not reported separately.
b Figures include Armament for Combat Vehicles.
* Partly tentative.
ø Thru August 15.

GUNS, 3" AND 90MM ANTIAIRCRAFT AND 105MM HOWITZER - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department





Statistics Branch
OUSW - 8-23-41

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - AUGUST 15, 1941

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

Item	Initial Requirements 1,725,000 Men Number	Stocks in hands of Field Service Number	%	Percent of requirements 0 20 40 60 80 100
Aircraft Armament				
Machine gun, cal.30, fix.&fl.	28,792	9,257	32	
Machine gun, cal.50, fix.&fl.	55,344	4,549	8	
Gun, 20mm, automatic A.C.	1,691	0	0	
Gun, 37mm, automatic A.C.	1,475	53	4	
Combat Vehicles				
Tank, light	2,313	806	35	
Tank, medium	1,041	102	10	
Scout car	2,028	2,692	133	
Personnel carrier, 8-man	3,336	780	23	
Personnel carrier, 13-man	4,575	89	2	
Machine gun, cal.30 (Var.)	31,070a	a	-	
Machine gun, cal.50 (H.B.)	5,485a	a	-	
Submachine gun, cal.45	24,981	17,148	69	
Gun, 37mm, tank	3,434	930	27	
Gun, 75mm, tank	792	0	0	
Antiaircraft				
Gun, 3"	1,192	541	46	
Gun, 90mm		10		
Gun, 37mm, A.A.	2,745	421	15	
Machine gun, cal.50 (W.C.)	13,625	1,002	7	
Artillery				
Gun, 75mm (H.S.)	884	646	73	
Howitzer, 75mm, field & pack	213	187	88	
Howitzer, 105mm	1,952	57	3	
Gun, 155mm	43	17	40	
Gun, 155mm (H.S.)	657	144	22	
Howitzer, 155mm (H.S.)	744	1,165	157	
Unmodified & other models				
Gun, 75mm	-	2,794	-	
Gun, 155mm	-	825	-	
Howitzer, 155mm	-	844	-	
Infantry Armament				
Rifle, cal.30, M1, semiauto.	702,880	235,790	34	
Machine gun, cal.30 (Var.)	50,623	37,288	74	
Machine gun, cal.50 (H.B.)	14,252	1,955	14	
Gun, 37mm, antitank	4,693	719	15	
Mortar, 60mm	4,876	3,758	77	
Mortar, 81mm	2,460	967	39	

a Included in Infantry Armament.

Statistics Branch
OUSW - 8-23-41

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - AUGUST 15, 1941

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

Item	Total Requirements 3,000,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %
Aircraft Armament			
Machine gun, cal.30, fix.&fl.	39,463	9,257	23
Machine gun, cal.50, fix.&fl.	135,263	4,549	3
Gun, 20mm, automatic A.C.	4,903	0	0
Gun, 37mm, automatic A.C.	2,880	53	2
Combat Vehicles			
Tank, light	4,414	806	18
Tank, medium	2,668	102	4
Scout car	3,944	2,692	68
Personnel carrier, 8-man	7,105	780	11
Personnel carrier, 13-man	5,989	89	1
Machine gun, cal.30 (Var.)	62,195a	a	-
Machine gun, cal.50 (H.B.)	11,704a	a	-
Submachine gun, cal.45	39,174	17,148	44
Gun, 37mm, tank	7,272	930	13
Gun, 75mm, tank	2,764	0	0
Antiaircraft			
Gun, 3"	1,795	541	31
Gun, 90mm		10	
Gun, 37mm, A.A.	3,880	421	11
Machine gun, cal.50 (W.C.)	16,938	1,002	6
Artillery			
Gun, 75mm (H.S.)	1,471	646	44
Howitzer, 75mm, field & pack	267	187	70
Howitzer, 105mm	3,215	57	2
Gun, 155mm	249	17	7
Gun, 155mm (H.S.)	909	144	16
Howitzer, 155mm (H.S.)	1,041	1,165	112
Unmodified & other models			
Gun, 75mm	-	2,794	-
Gun, 155mm	-	825	-
Howitzer, 155mm	-	844	-
Infantry Armament			
Rifle, cal.30, M1, semiauto.	1,279,751	235,790	18
Machine gun, cal.30 (Var.)	96,649	37,288	39
Machine gun, cal.50 (H.B.)	29,243	1,955	7
Gun, 37mm, antitank	8,112	719	9
Mortar, 60mm	7,589	3,758	50
Mortar, 81mm	4,327	967	22

a Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (Thousands)	Delivered thru July 31 (Thousands)	Percent of total program			
			Contracted	Scheduled	Due	Delivered
Aircraft & Pyrotechnics						
Bomb, frag., 20#	2,017	28	77	100	2	1
Bomb, demo., 100#,300#,500#	1,315	108	47	100	8	8
Bomb, demo., 1000#	15	2	72	100	0	13
Bomb, g & s, 30#, 100#	498	18	70	100	12	5
Shot & shell, 20mm	32,502	0	97	0	0	0
Shell, H.E., 37mm	1,890	79	66	100	7	4
Flares	373	173	99	100	78	46
Signals	2,054	597	100	100	30	29
Antiaircraft						
Shell, 37mm, H.E.	12,786	22	21	100	-	-
Shell, 3", H.E.	2,267	69	70	100	4	3
Shell, 90mm, H.E.	3,053	0	58	100	0	0
Artillery						
Shell, H.E., s c, 75mm gun	1,477	97	85	100	7	7
Shell, g & s, 75mm gun	1,108	8	99	99	1	1
Shot, A.P., 75mm gun	1,733	0	100	100	0	0
Shell, H.E., 75mm how.	4,279	238	99	99	6	6
Shell, H.E., 105mm how.	11,793	62	35	100	1	1
Shell, H.E., 155mm gun	1,081	0	32	100	0	0
Charge, prop., 155mm gun	1,084	225	98	100	21	21
Shell, H.E., 155mm how.	4,360	5	77	100	-	-
Shell, g & s, 155mm how.	1,224	290	66	100	24	23
Charge, prop., 155mm how.	5,759	843	77	100	12	15
Primer, 21 gr.	8,338	299	81	100	4	4
Fuzes (All)	11,964	3,082	74	99	26	26
Infantry						
Cartridge, cal.30	4,490,291	472,438ø	84	84*	10ø	11ø
Links, met. belt, cal.30	1,011,225	89,468	99	99*	9	9
Cartridge, cal.45	606,476	136,959	100	100*	23	23
Cartridge, cal.50	905,479	56,486ø	99	99*	6ø	6ø
Links, met. belt, cal.50	2,444,920	47,055	99	99*	3	2
Shot & shell, 37mm	19,589	237	19	100	1	1
Shell, H.E., 60mm	8,882	36	31	100	-	-
Shell, H.E., 81mm	3,785	116	18	100	3	3
Shell, smoke, 81mm	426	0	5	100	0	0
Grenade, H.E., frag.	1,576	71	98	100	5	5
Signals, ground & light	3,588	445	48	58	15	12
Mine, antitank	2,050	0	2	100	0	0

* Partly tentative.
ø Thru August 15.

AMMUNITION COMPONENTS - ORDERS AND PRODUCTION OF SELECTED ITEMS - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

The individual components ordered and produced through August 1 are compared with the quantities required for the complete rounds in the current procurement program.

COMPONENTS	MODEL NUMBER	NET REQUIREMENTS (THOUS.)	ON ORDER AUGUST 1		PRODUCED TO AUGUST 1	
			Number (THOUS.)	Percent of Required	Number (THOUS.)	Percent of Required
	MACHINED SHELL					
20mm, H.E., Aircraft	MkI	31,602	31,100	98	0	0
37mm, A.P., Tank and Antitank	M51	11,232	5,850	52	484	4
37mm, H.E., Tank and Antitank	M63	8,349	8,350	100	0	0
37mm, H.E., Aircraft and Antiaircraft	M54	14,676	12,843	88	1,557	11
60mm, H.E., Mortar	M49A2	8,882	9,041	102	2,176	24
81mm, H.E., Mortar	M43A1	2,619	2,543	97	534	20
75mm, A.P., Tank and Antitank	M61	1,733	1,629	94	0	0
75mm, H.E., Gun and Howitzer	M48	7,237	6,682	92	2,580	36
3", H.E., Antiaircraft	M42	2,267	2,124	94	681	30
105mm, H.E., Howitzer	M1	11,793	6,649	56	477	4
155mm, H.E., Gun	M101	1,001	753	75	24	2
155mm, H.E., Howitzer	M102	3,894	2,750	71	32	1
	FUZE					
37mm, Tank and Antitank	M58	8,349	8,350	100	0	0
37mm Aircraft & A.A.	M56	14,676	12,320	84	1,213	8
81mm Mortar	M52	2,619	5,531	211	717	27
75mm Gun and Howitzer, 105mm Howitzer	M48 & M54	19,030	19,945	101	1,932	10
3", 90 and 105mm Antiaircraft	M43A2	5,334	9,520	178	435	8

AMMUNITION COMPONENTS - ORDERS AND PRODUCTION OF SELECTED ITEMS - JULY 31, 1941 (cont.)

COMPONENTS	MODEL NUMBER	NET REQUIREMENTS (THOUS.)	ON ORDER AUGUST 1		PRODUCED TO AUGUST 1	
			Number (THOUS.)	Percent of Required	Number (THOUS.)	Percent of Required
	CARTRIDGE CASES					
20mm Aircraft	M21	31,602	50,785	161	0	0
37mm Tank and Antitank	M16	19,580	22,668	116	3,034	15
37mm Antitank	M17	14,676	14,821	101	1,920	13
75mm Howitzer	M5A1	4,279	4,693	110	1,844	43
75mm Gun	M18	3,247	6,282	193	2,541	78
3" Antiaircraft	MkIIM2	2,267	2,004	88	287	13
90mm Gun, Antiaircraft	M19	3,055	3,115	102	599	20
105mm Howitzer	M14	11,793	13,261	112	354	3
	CARTRIDGE IGNITION					
60mm Mortar	M5	8,882	10,000	113	0	0
81mm Mortar	M6	2,619	4,000	153	0	0
	PRIMERS					
37mm Aircraft, Antiaircraft, Tank and Antitank	M23A1	34,256	23,273	68	0	0
60mm Mortar	M32	8,882	9,117	103	120	1
75mm Gun	M31 & M22A2	3,247	2,772	85	392	12
75 and 105mm Howitzer	M1B1A1	16,072	5,757	36	0	0
3", 90mm, and 105mm Antiaircraft	M28A1	5,334	698	13	0	0
155mm Gun and Howitzer	M11A1	4,895	7,925	162	1,474	30
	BOOSTERS					
75mm Gun and Howitzer 3", 90mm and 105mm Antiaircraft 105mm Howitzer	M20	24,364	24,211	99	4,304	18
155mm Gun and Howitzer	M21	5,436	5,960	110	650	12

TEXT SUMMARY - AVIATION OBJECTIVES

Source of Information: Statistics Section - Air Staff - Army Air Forces

TACTICAL

The Army Air Forces have as an immediate problem the attaining of two tactical objectives. The first aviation objective is the 54 Group Program. The second aviation objective is the 84 Group Program. Both programs are subject to modification.

The B-17C and B-17D heavy bombers have been reclassified as suitable for hemisphere defense only and not for the active theater.

The A-20A light bomber (after the fifteenth article) has been reclassified as suitable for hemisphere defense only and not for the active theater. All A-20's will have only the wobble gun for rear defense.

The P-38D pursuit interceptor has been reclassified as suitable for hemisphere defense only and not for the active theater. There are only 36 of this model on order with all units calling for 37 m.m. cannon. All future P-38's, subsequent to the D model, will be equipped with 20 m.m. cannon.

The diagrams which follow show the present status of the tactical objectives for the individual combat types and for the total tactical program. All planes included are suitable for hemisphere defense, but not all are suitable for the active theater of operations.

TRAINER

The 30,000 Pilot Program has led to the establishment of the following trainer objectives:

Type	Number	Completion	Reserve	Total
Primary	3340	December 1941	835	4175
Basic	3360	February 1942	840	4200
Advance, 1 Engine	1190	May 1942	298	1488
Advance, 1 Engine (substitute for 2-Engine)	2530	May 1942	None	2530
Advance, 2 Engine	2985	May 1942	746	3731
Total	13405		2719	16124

TABULAR SUMMARY - ARMY'S FIRST AVIATION OBJECTIVE - INITIAL REQUIREMENTS

Source of Information: Statistics Section - Air Staff - Army Air Forces

4006 Airplane Program Modified
(54 Group Program Modified)

TYPE	SQUADRONS PER GROUP	AIRPLANES PER SQUADRON	ADDITIONAL AIRPLANES FOR HEADQUARTERS SQUADRON	TOTAL AIRPLANES PER GROUP	TOTAL NUMBER GROUPS	ADDITIONAL AIRPLANES IN COMPOSITE GROUPS	TOTAL	
							AIRPLANES	SQUADRONS
Heavy bomber	4	8	3	35	14	8 (1 sq.)	498	57
Medium bomber	4	13	5	57	7	49 (3 sqs.)	448	31
Light bomber	4	13	5	57	7	39 (3 sqs.)	438	31
Pursuit, int.	3	25	5	80	19	75 (3 sqs.)	1595	60
Pursuit, fgtr.	3	25	5	80	5	-	400	15
Observation & Photographic	-	-	-	-	-	-	539	41
Amphibian	-	-	-	-	-	-	66	-
Transport	3	12	2	38	6	24 (2 sqs.)	252	20
Composite	-	-	-	-	2	-	Included above	-
Total					60		4236	255

Note: One Reconnaissance Squadron is included in each Heavy Bombardment and Medium Bombardment Group, and each Light Bombardment Group.

Progress toward attaining objective is reflected on diagrams which follow.

Statistics Branch
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TABULAR SUMMARY - ARMY'S SECOND AVIATION OBJECTIVE - INITIAL REQUIREMENTS

Source of Information: Statistics Section - Air Staff - Army Air Forces

84 Group Program
(Second Objective Includes Airplanes in First Objective)

TYPE	SQUADRONS PER GROUP	AIRPLANES PER SQUADRON	ADDITIONAL AIRPLANES FOR HEADQUARTERS SQUADRON	TOTAL AIRPLANES PER GROUP	TOTAL NUMBER GROUPS	ADDITIONAL AIRPLANES IN COMPOSITE GROUPS	TOTAL	
							AIRPLANES	SQUADRONS
Heavy bomber	5	13	3	68	24	13 (1 sq.)	1645	121
Medium bomber	5	16	5	85	12	58 (3 sqs.)	1078	63
Light bomber	4	13	5	57	13	39 (3 sqs.)	780	55
Pursuit, int.	5	25	5	130	19	50 (2 sqs.)	2520	97
Pursuit, fgtr.	5	25	5	130	5	-	650	25
Observation & Photographic	4	13	5	57	2	-	558	41
Amphibian	-	16	-	-	-	-	144	9
Transport	4	16	-	64	7	-	448	28
Composite	-	-	-	-	2	-	Included above	-
Total					84		7823	439

Note: One Reconnaissance Squadron is included in each Heavy Bombardment and Medium Bombardment Group.

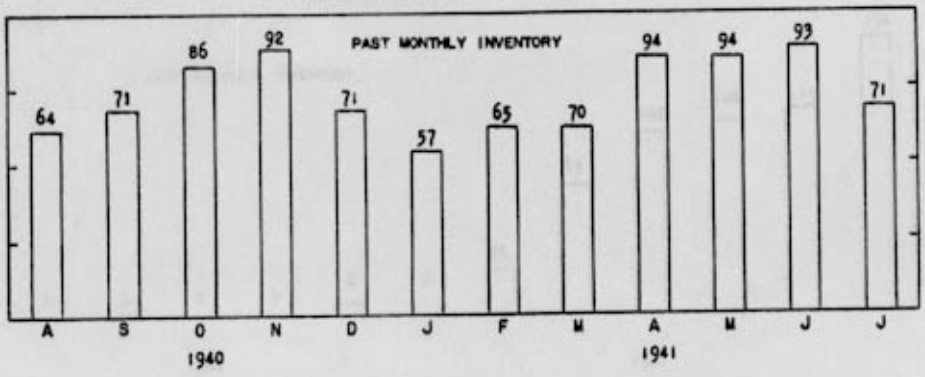
Progress toward attaining objective is reflected on diagrams which follow.

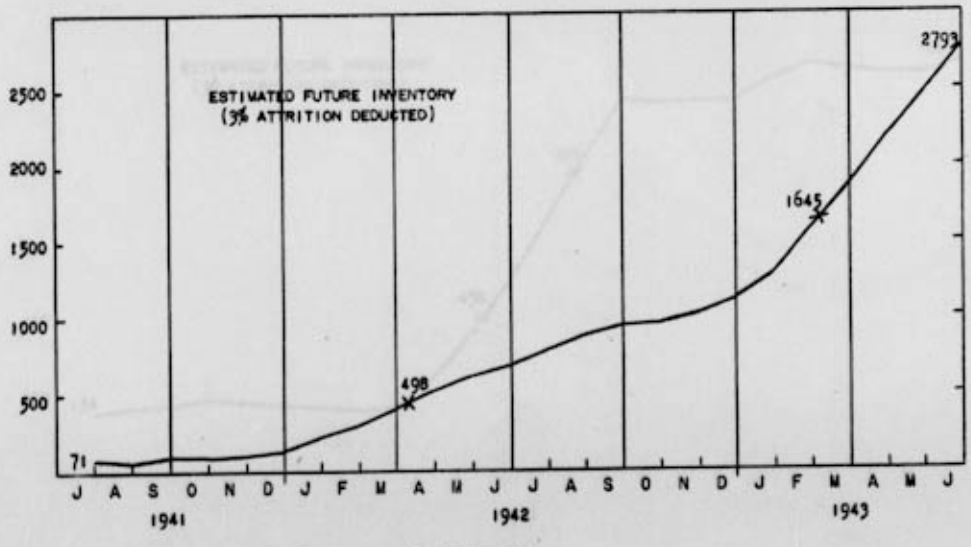
HEAVY BOMBER - AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS:

FIRST OBJECTIVE	498
SECOND OBJECTIVE	1645





TYPES SUITABLE TO JANUARY 1941: B-17 SERIES & B-24 SERIES.

TYPES SUITABLE AFTER JANUARY 1941: B-17B, B-17C, B-17D, B-17E, & B-24 SERIES.

TYPES SUITABLE AFTER JULY 1941: B-17B, B-17C, B-17D, B-17E, & B-24 SERIES.

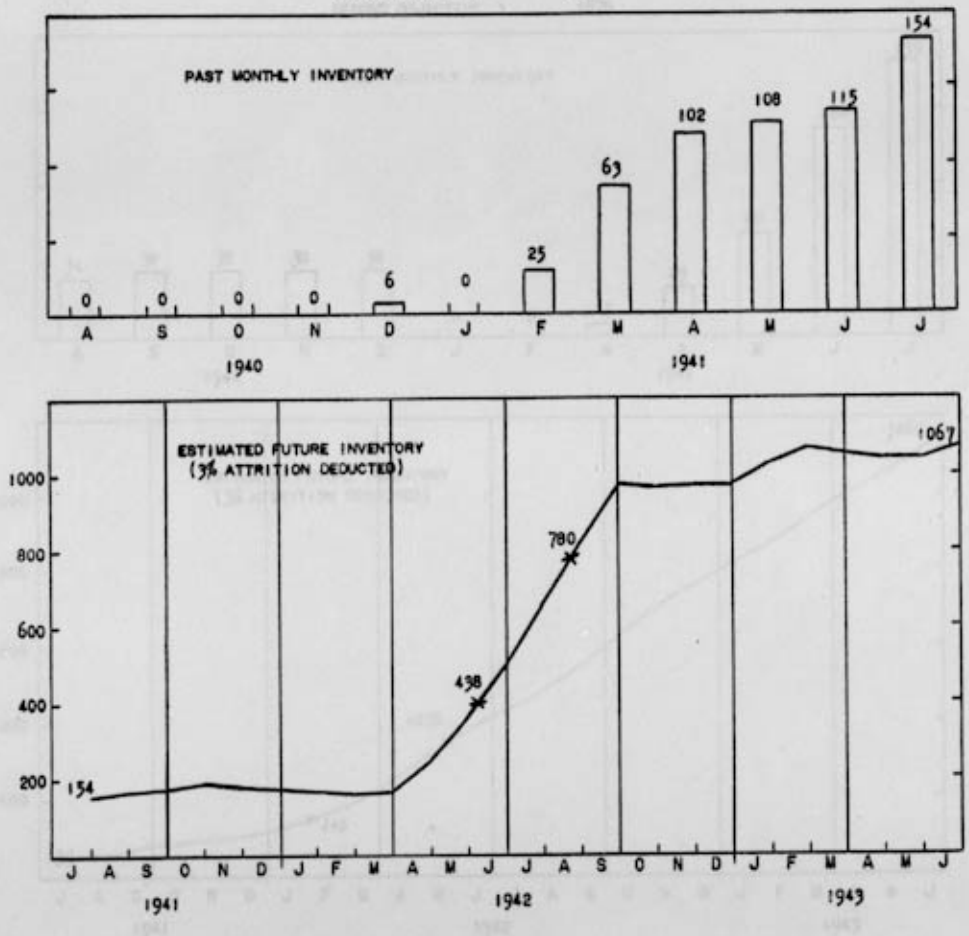
UNDERLINED TYPE SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

LIGHT BOMBER - AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS:

FIRST OBJECTIVE	438
SECOND OBJECTIVE	780



TYPES SUITABLE TO JANUARY 1941: A-20, A-20A, A-24, & A-25.

TYPES SUITABLE AFTER JANUARY 1941: A-20, A-20A (AFTER 15TH ARTICLE), A-20B, A-24, & A-25.

TYPES SUITABLE AFTER JULY 1941: A-20, A-20A (AFTER 15TH ARTICLE), A-20B, A-24, & A-25.

UNDERLINED TYPES SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

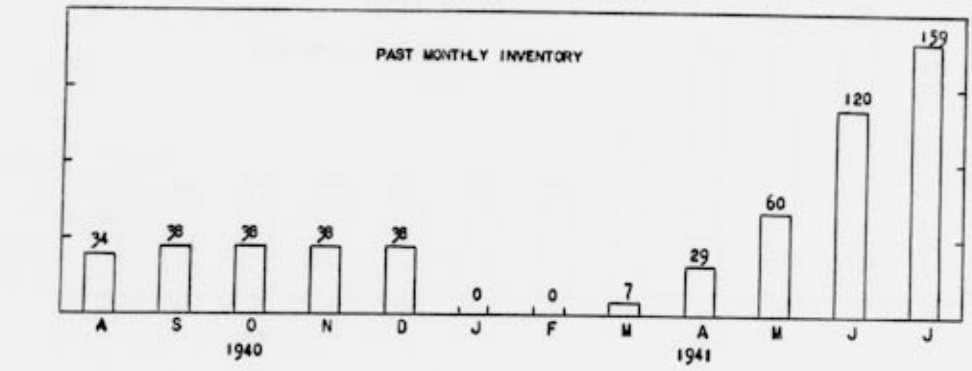
Statistics Branch
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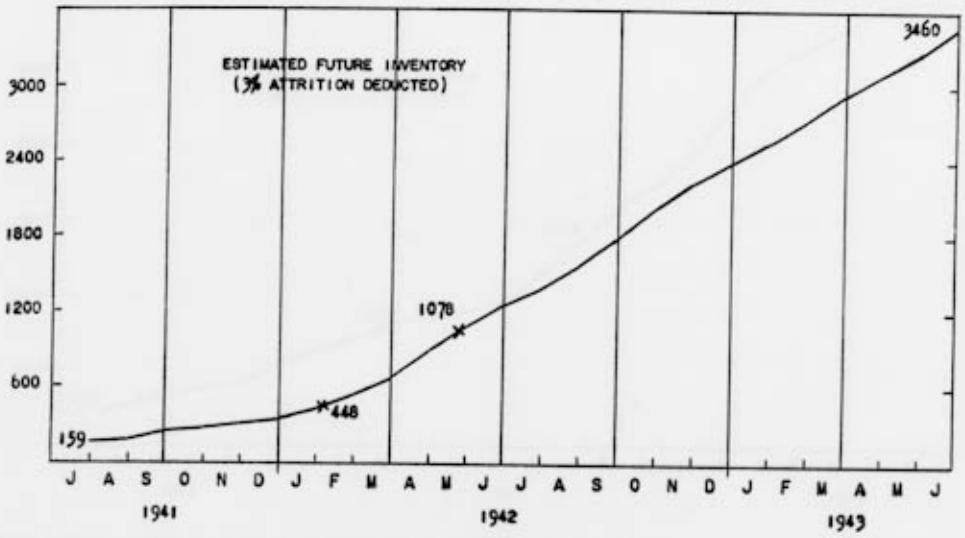
MEDIUM BOMBER - AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS:

FIRST OBJECTIVE	448
SECOND OBJECTIVE	1078





TYPES SUITABLE TO JANUARY 1941: B-23, B-25 SERIES, & B-26 SERIES.

TYPES SUITABLE AFTER JANUARY 1941: B-25A, B-25B, B-25C, & B-26 SERIES.

TYPES SUITABLE AFTER JULY 1941: B-25A, B-25B, B-25C, & B-26 SERIES.

UNDERLINED TYPE SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

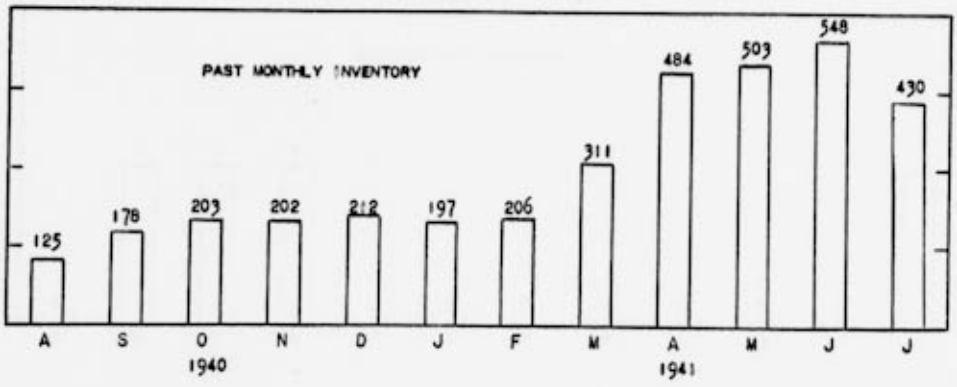
Statistics Branch
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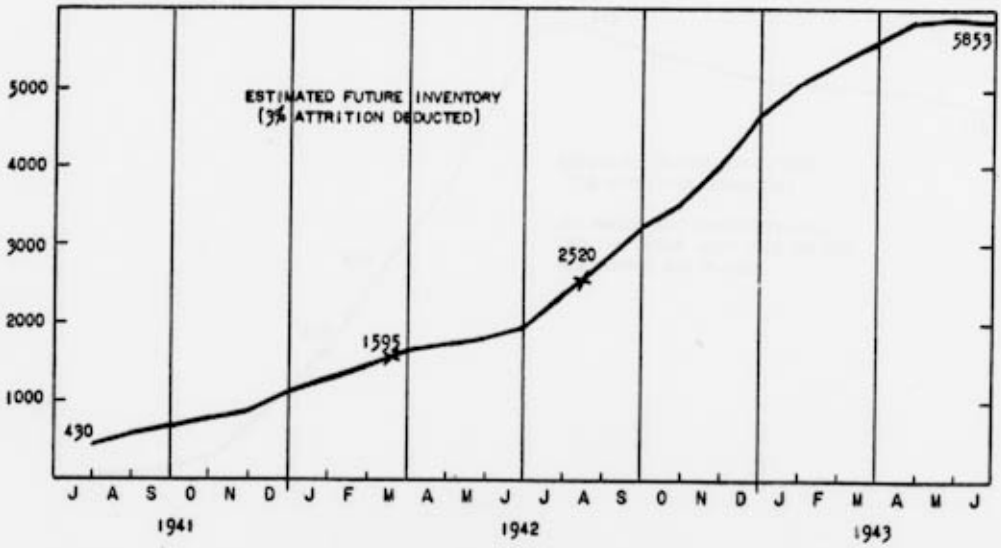
PURSUIT INTERCEPTOR - AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS:

FIRST OBJECTIVE	1595
SECOND OBJECTIVE	2520





TYPES SUITABLE TO JANUARY 1941: P-39 SERIES, P-40 SERIES, P-47B, & P-64.

TYPES SUITABLE AFTER JANUARY 1941: P-39D, P-40, P-40B, P-40C, P-40D, P-40E, P-40F, P-47B, & P-64.

TYPES SUITABLE AFTER JULY 1941: P-39D, P-40B, P-40C, P-40D, P-40E, P-40F, P-47B, P-64.

UNDERLINED TYPES SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATION.

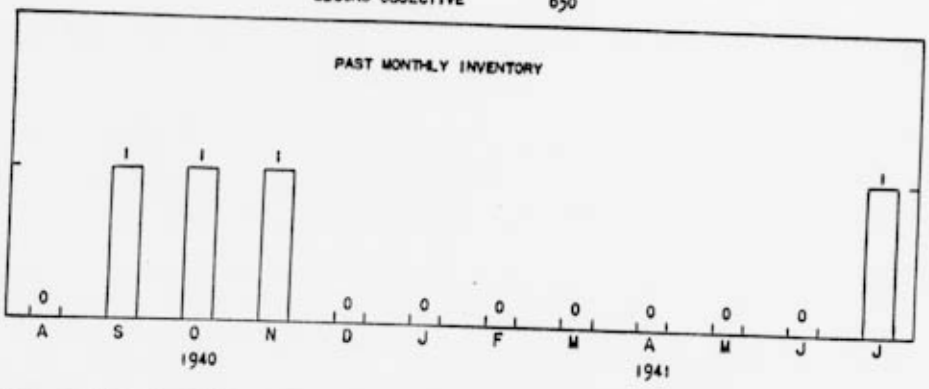
Statistics Branch
OUSW - 8-23-41

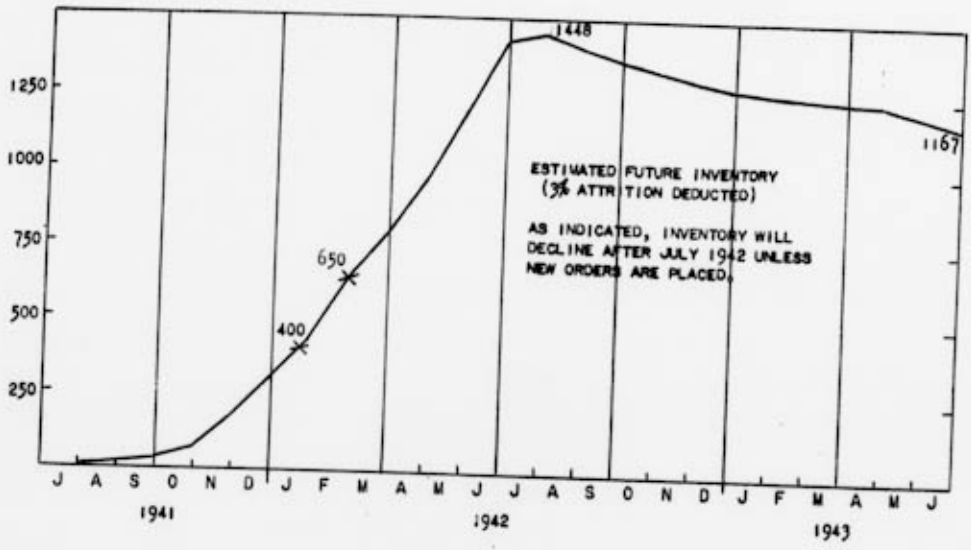
PURSUIT FIGHTER - AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS:

FIRST OBJECTIVE	400
SECOND OBJECTIVE	650





TYPES SUITABLE TO JANUARY 1941: P-38 SERIES & P-61.

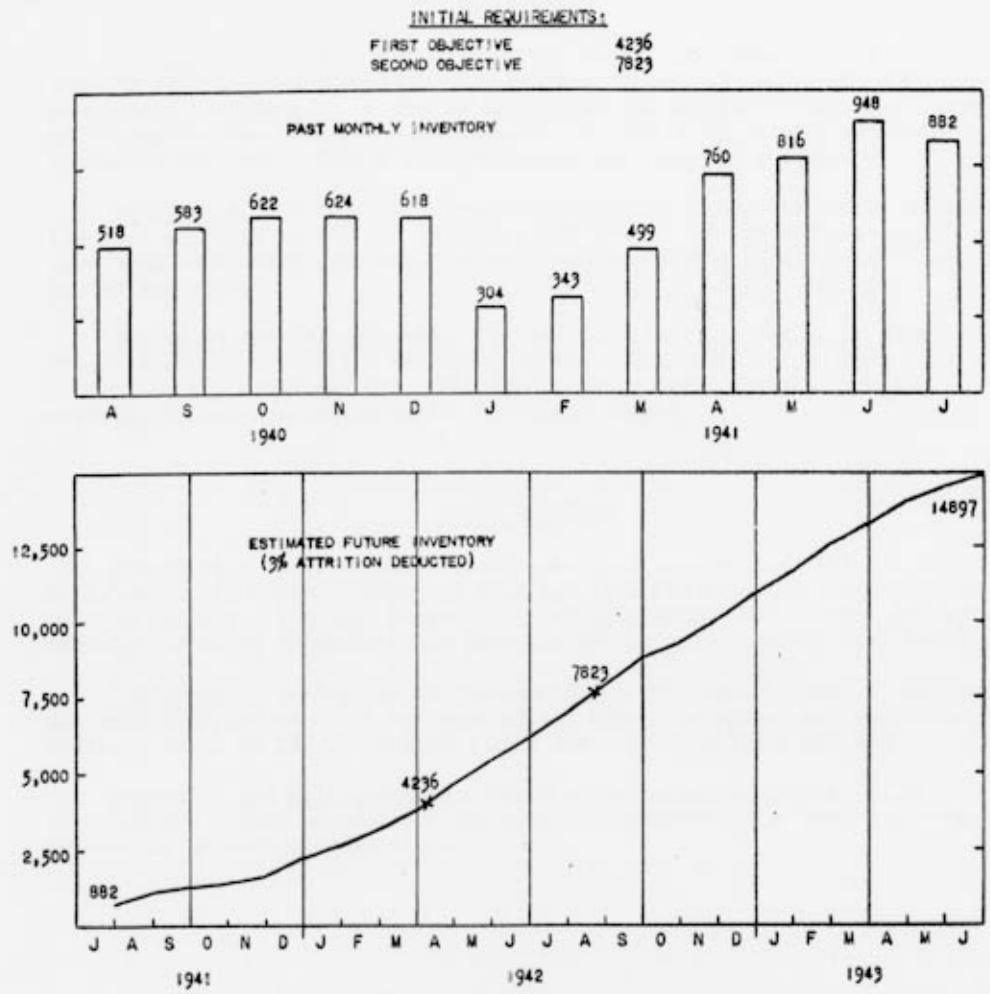
TYPES SUITABLE AFTER JANUARY 1941: P-38D, P-38E, & P-61.

TYPES SUITABLE AFTER JULY 1941: P-38D, P-38E, P-61.

ALL TYPES SUITABLE FOR ACTIVE THEATRE OPERATION EXCEPT P-38D.

TACTICAL AIRPLANES - TOTAL AVIATION OBJECTIVES - AS OF JULY 31, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces



Statistics Branch
OUSW - 8-23-41

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - August 21, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

Contracts - As of August 8, contract awards have been made on all of the 132 critical and essential Quartermaster items, 116 of which have been completely contracted. Of the total programs of the 132 items, an average of 98 percent has been contracted and an average of 82 percent has been procured; the latter figure includes transfers from CCC stocks.

Deliveries - During the quarter-monthly period ended August 8, deliveries were effected on all but 55 of the 132 items: Of these 55 items, 26 have been completely procured; 17 are on or ahead of schedule; and 12 are behind schedule.

Schedules and Delinquencies - Of the 132 items, 51 are on or ahead of schedule and 45 are behind schedule; of the latter only 14 are more than 5 percent behind schedule- these include assembly tents, bedding rolls, carrying slings, cartridge belts, and field ranges.

MOTOR VEHICLES

Contracts - As of August 8, contracts have been awarded for 244,683 vehicles of all types, obligating 1941 and 1942 funds to the extent of 325 million dollars. The 1941 program is currently estimated to total 243,989 vehicles of which 93 percent has been contracted and 56 percent delivered.

Deliveries - During the quarter-monthly period ended August 8, deliveries were reported on 6,031 vehicles of all types, bringing the cumulative delivery total to 137,701 vehicles at a cost of 179 million dollars.

Schedules and Delinquencies - Based on estimated schedules, 9,130 vehicles are behind schedule; 6,585 vehicles, however, have been delivered in advance of estimated schedules.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - August 21, 1941

Source: Statistics Branch, Office of the Quartermaster General

CONSTRUCTION

Contracts - As of August 2, contracts awarded total 1,216 million dollars, or 58 percent of total funds available; this low percentage being due to application of original estimates for fixed-fee contracts.

Construction in Place - Construction in place for the 508 emergency projects is 58 percent of the estimated cost of 1,997 million dollars.

Schedules and Delinquencies - Of the total projects, 116 are completed and 299 are on or ahead of schedule; these represent 75 percent of the total estimated completion cost. Sixty-five projects, representing 13 percent of the total cost, are behind schedule and 28 projects, representing 12 percent of the total cost have not been started.

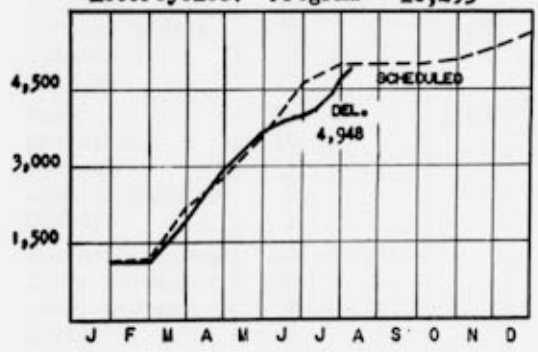
LABOR DIFFICULTIES - Strikes are currently affecting quartermaster procurement as follows:

Item affected	Man days	Contractor's Name & Address
Construction materials	230,000	U.S. Gypsum Co., Chicago, Ill.
Flannel & serge shirting	15,000	Arlington Mills, Lawrence, Mass.
Iron pipe (Ord. Constr.)	12,702	Pacific States Pipe Co., Prove, Utah
Pipes & valves	7,200	Vogt Machine Co., Louisville, Ky.
Underwear	6,400	Oneita Knitting Co., Utica, N. Y.
Dye for shoes	3,900	Ansbacher Siegle, Rosebank, L. I., N. Y.
Motor vehicle parts	3,400	Leland Gifford Co., Worcester, Mass.
Motor parts	2,210	Ertel Machine Co., Indianapolis, Ind.
Hoisting engines	1,974	Dake Engine Co., Grand Haven, Mich.

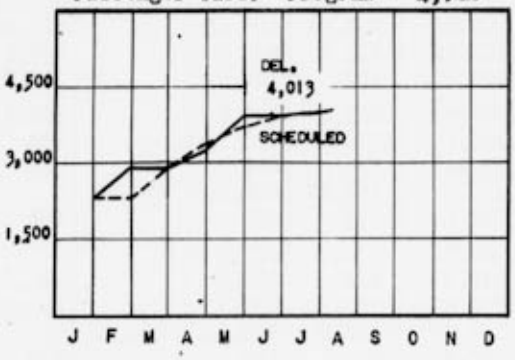
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES F.Y. 1941 - Aug. 8, 1941

Source of Information: Statistics Branch Office of the Quartermaster General

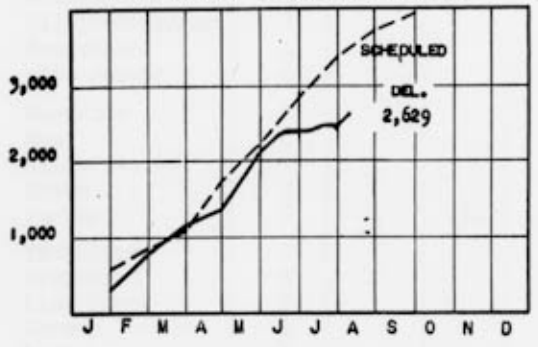
Motorcycles. Program - 10,293



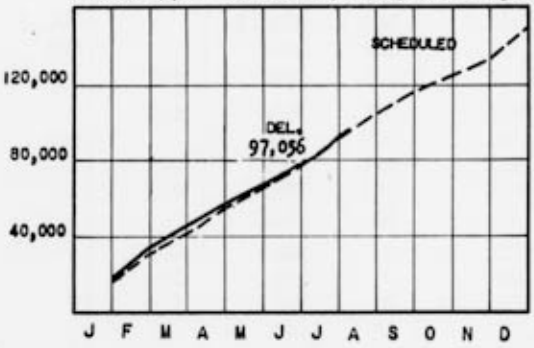
Passenger Cars. Program - 4,922



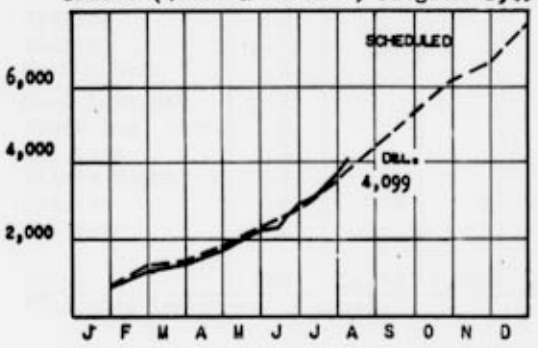
Ambulances. Program - 5,614



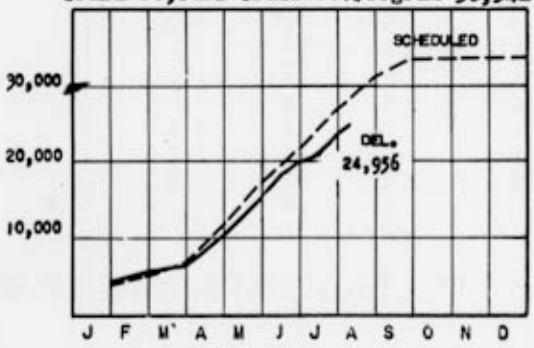
Trucks (½-3 ton incl.) Program-178,329



Trucks (4-ton & heavier) Program-8,490



Trailers, Semi-Trailers. Program-36,341



Quartermaster Corps

Statistics Branch
OUSW - 8-23-41

TABULAR SUMMARY - Q.M.C. MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F. Y. 1941

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

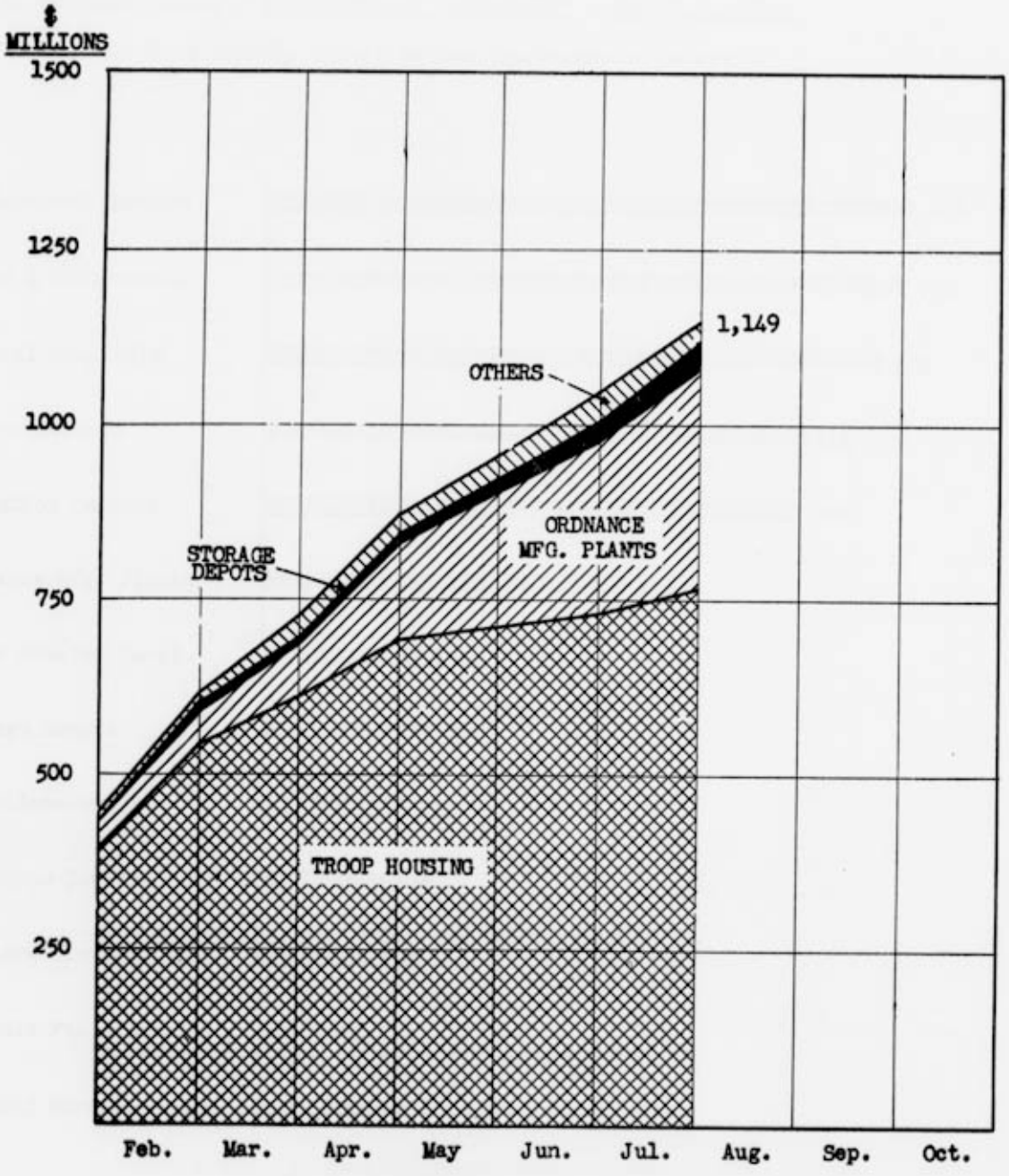
Contractor	No.* of Awards	Motor Cycles	Pass. Cars	Ambu-lances	Trucks ½ to 10 ton	Trailers & Semi-Trailers	Total	Deliv.	Cost of Awards*
Yellow Truck	72				61,959		61,959	32,202	$140,292,866
Fargo	90		2,032	5,343	56,066		63,441	40,510	54,954,221
General Motors	173		977	174	31,215		32,366	20,822	38,897,281
Diamond T	25				3,788		3,788	2,343	19,401,324
Autocar	21				2,281		2,281	751	8,850,580
Ford	13		1,800		5,983		7,783	5,148	5,920,304
Mack-Int.	19				890		890	613	5,314,936
Federal	13			1	935		936	557	4,357,187
Nash-Kelvinator	2					20,000	20,000	13,385	4,154,160
Corbitt	5				503		503	383	3,611,682
Harley Davidson	10	6,754					6,754	2,454	3,140,495
Inter-Harvester	20				2,066		2,066	614	2,919,928
Amer. Bantam	8				2,642		2,642	1,559	2,547,154
Lavine	5					11,698	11,698	9,613	2,541,407
White	2				251		251	0	1,957,800
Indian	8	3,538					3,538	2,483	1,791,757
Watson	14			96		1,011	1,107	942	1,593,284
Willys-Overland	1				1,500		1,500	1,490	1,429,838
Studebaker	4				500		500	400	1,384,477
Autocruiser	6					306	306	242	535,674
Superior	2					418	418	320	528,026
Reo	6				308		308	308	446,702
Winter-Weiss	7					270	270	192	216,565
Gramm	7					139	139	139	138,946
Packard	6		112				112	80	134,391
Travelcar	3					40	40	40	121,360
Highway	6					67	67	6	69,091
Linn Corp.	2				7	7	14	0	61,229
Dorsey	1					51	51	51	37,685
Dort	1				4		4	4	28,900
Frueharf	3					17	17	11	43,747
Steuart	4				18		18	18	26,671
Trailco	2					33	33	12	16,490
Walter	1				1		1	0	15,000
Marmon Herr	1				2		2	2	7,542
Ward LaFrance	1				1		1	1	6,980
Truck Eng. Corp.	2					2	2	0	3,737
LaCrosse	1					1	1	1	2,930
Palace Coach	2					2	2	2	2,596
Crosley	2	1	1				2	2	995
Holleman	1				1		1	1	490
Total	572	10,293	4,922	5,614	170,921	34,062	225,812	137,701	307,506,428

*Includes increases of awards

Statistics Branch
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DIAGRAM - Q. M. C. CONSTRUCTION IN PLACE - August 2, 1941

Source of Information: Construction Division, Office of Quartermaster General

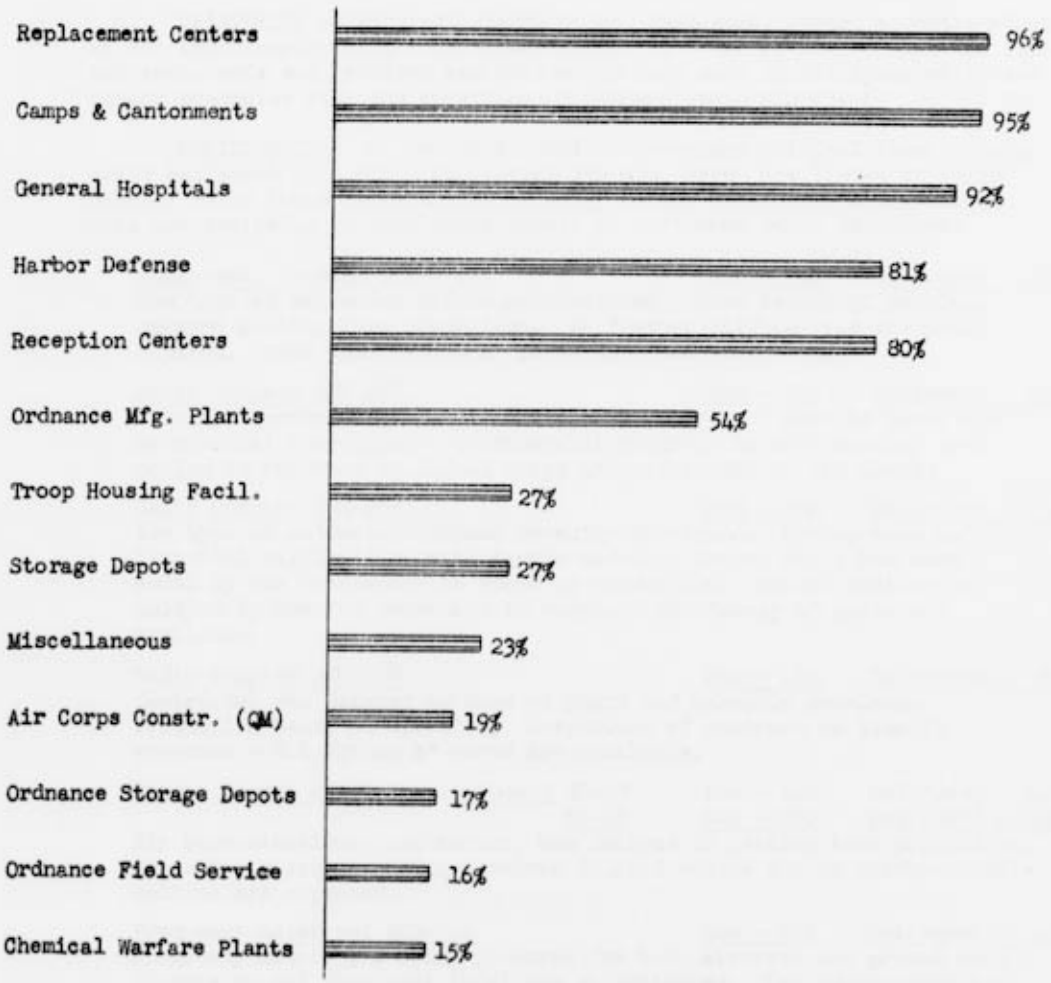


Quartermaster Corps

Statistics Branch
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Q. M. C. CONSTRUCTION - PERCENTAGE OF COMPLETION* - August 2, 1941

Source: Statistics Branch, Office of the Quartermaster General



*Based on estimated cost

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TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AUGUST 16, 1941

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

This report pertains to the progress being made on the procurement of Aircraft signal equipment.

PROGRAM figures referred to are for the F.Y. 1941 only. The F.Y. 1942 aircraft signal equipment program is under revision and will be added to present figures when this work is completed.

F.Y. 1940 procurement of aircraft items has been completed and is no longer carried as a part of the procurement program.

DELIVERIES of aircraft signal items, last week, showed a continuation of the improvement evident in recent weeks. A total of 263 command and liaison radio sets was received and deliveries were made on all items which are behind schedules with the exception of Command radio SCR-274-N.

DELINQUENCIES - Out of a total of seventeen critical items of aircraft equipment upon which deliveries are due, seven are listed as delinquent. While these items are appreciably behind schedules, ample quantities are available to meet requirements of airframes being delivered.

Radio set, command SCR-274-N — Due - 350 — Delivered - 140
New type of set never before manufactured. Some technical problems delayed getting into production. No further difficulties are anticipated. Over 1500 "group A" parts have been delivered.

Radio compass SCR-263 — Due - 700 — Delivered - 313
Principal contractor, Bendix Radio, was delayed by move of plant and by material shortages. Considerable progress in accelerating production is reported by Signal Corps inspector sent to the plant.

Radio compass SCR-269 — Due - 281 — Delivered - 5
New type of automatic compass recently developed. Contractors had technical difficulties with sample models. Second shift has been added by one contractor to speed up production. Second contractor delayed by changes necessary in sample - 690 "group A" parts are available.

Radio compass SCR-280 — Due - 150 — Delivered - 80
Contractor was delayed by move of plant and assembly problems. Production being accelerated. Completion of contract on time is expected - 206 "group A" parts are available.

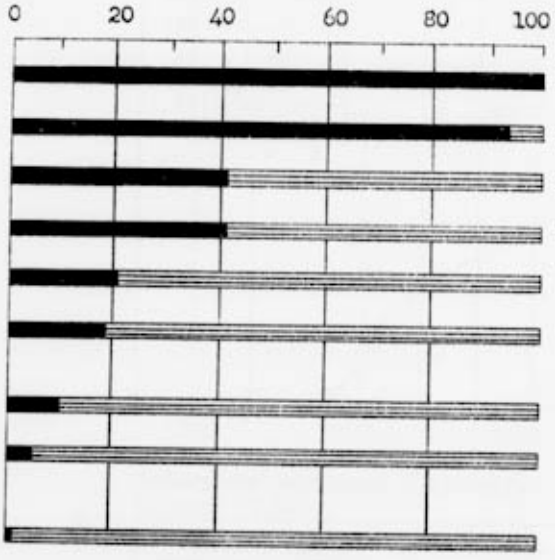
Marker beacon receiving equipment RC-39 — Due - 440 — Delivered - 249
RC-43 — Due -1850 — Delivered - 644
Air Communications, contractor, was delayed in getting into production. These items are now being received in good volume and no further difficulties are expected.

Frequency meter set SCR-211 — Due - 841 — Delivered - 49
Frequency meters are being procured for both aircraft and ground use. Figures do not represent total due or delivered. Two contractors are involved, Bendix Radio and Allen D. Cardwell. The latter contractor was delayed by labor and material difficulties and has just started deliveries. Deliveries are now being made in good volume by Bendix Radio.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - AUG. 16, 1941

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

Item	F.Y. 1941 procurement program*
AIRCRAFT COMMUNICATION:	
Microphone T-20	4,500
Headset HS-23	40,000
Interphone equipment	22,085
Filter equip. RC-32	37,374
Microphone T-30	105,000
Radio sets (total)	34,556
Marker beacon rec'g equipment	9,346
Radio compass	9,004
Frequency meter set SCR-211	6,120



Delivered Under contract

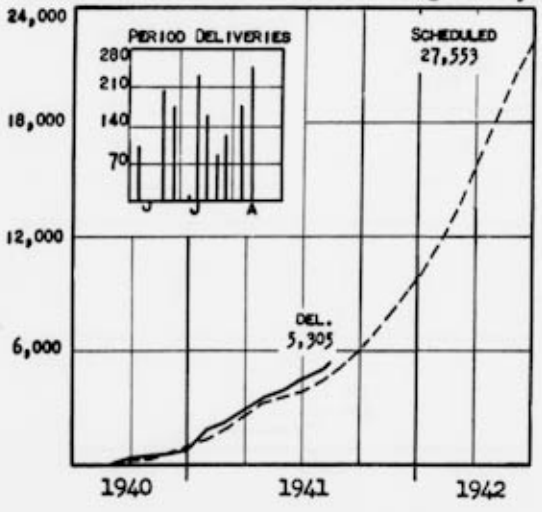
* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

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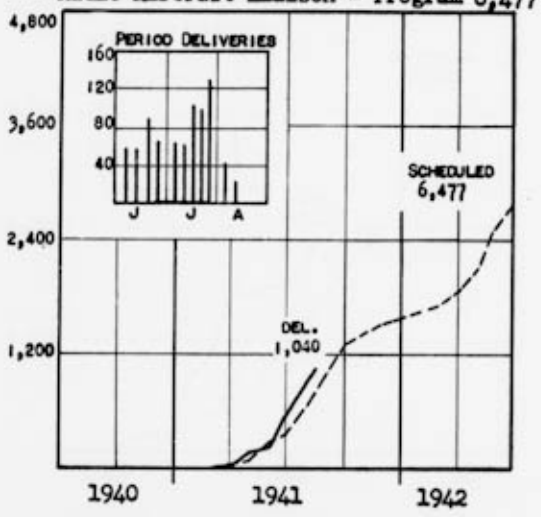
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
AS OF AUGUST 16, 1941

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

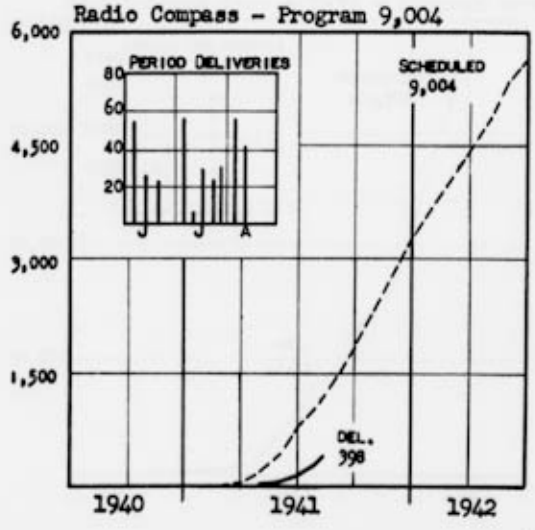
Radio Aircraft Command - Program 28,079



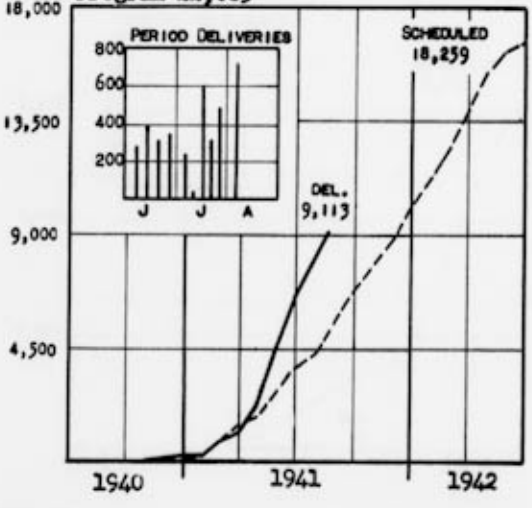
Radio Aircraft Liaison - Program 6,477



Radio Compass - Program 9,004



Interphone Equipment - Aircraft
Program 22,085

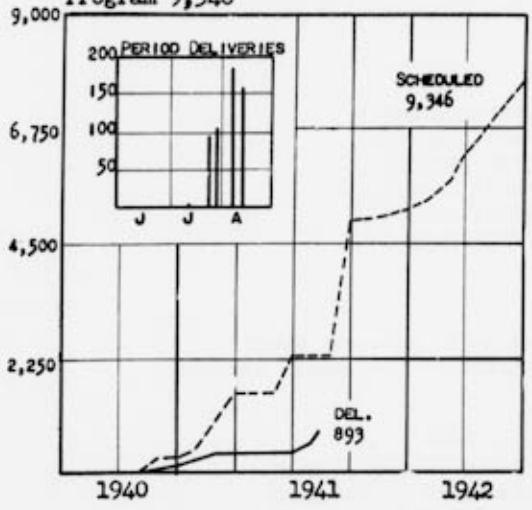


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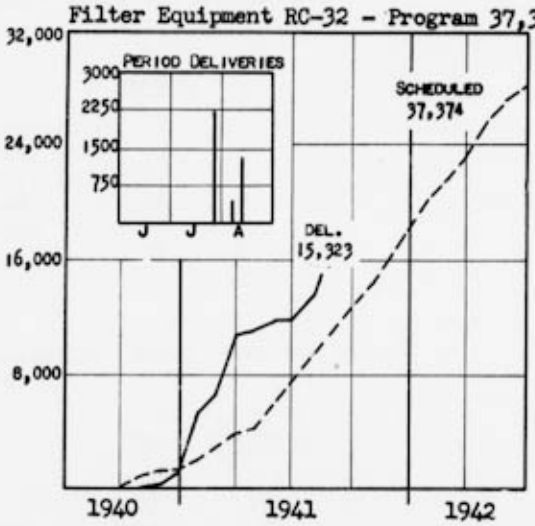
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
AS OF AUGUST 16, 1941

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

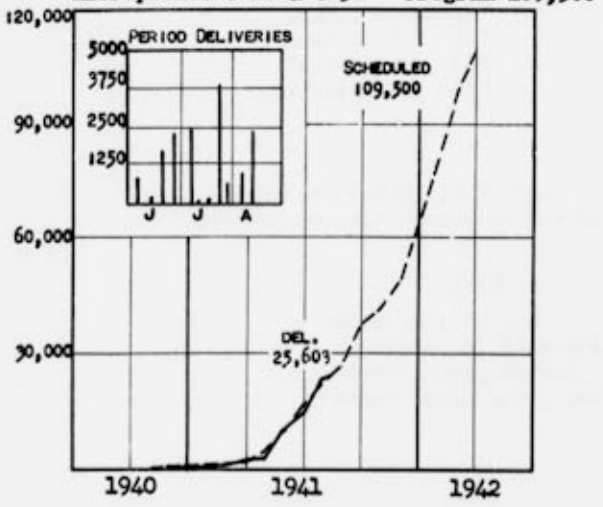
Marker Beacon Receiving Equipment
Program 9,346



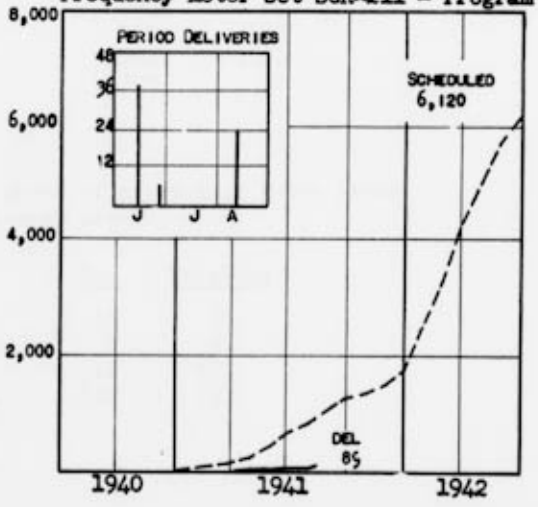
Filter Equipment RC-32 - Program 37,374



Microphones T-20 & T-30 - Program 109,500



Frequency Meter Set SCR-211 - Program 6,120



Statistics Branch
OUSW - 8-23-41

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

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

The program figures reported from this section contain the total of 1941 and 1942 programs. On some items a part of the 1942 program is under contract. These items and amounts contracted on this program are:

Item	Amount
Boat, power, with trailer	2
Bridge, steel, port., H-10	43
Bridge, steel, port., H-20	20
Crane, truck-mounted	26
Ponton bridge, 25-ton	5
Searchlight, 24"	36

There are nine items behind schedule. These items and the amounts scheduled and delivered are:

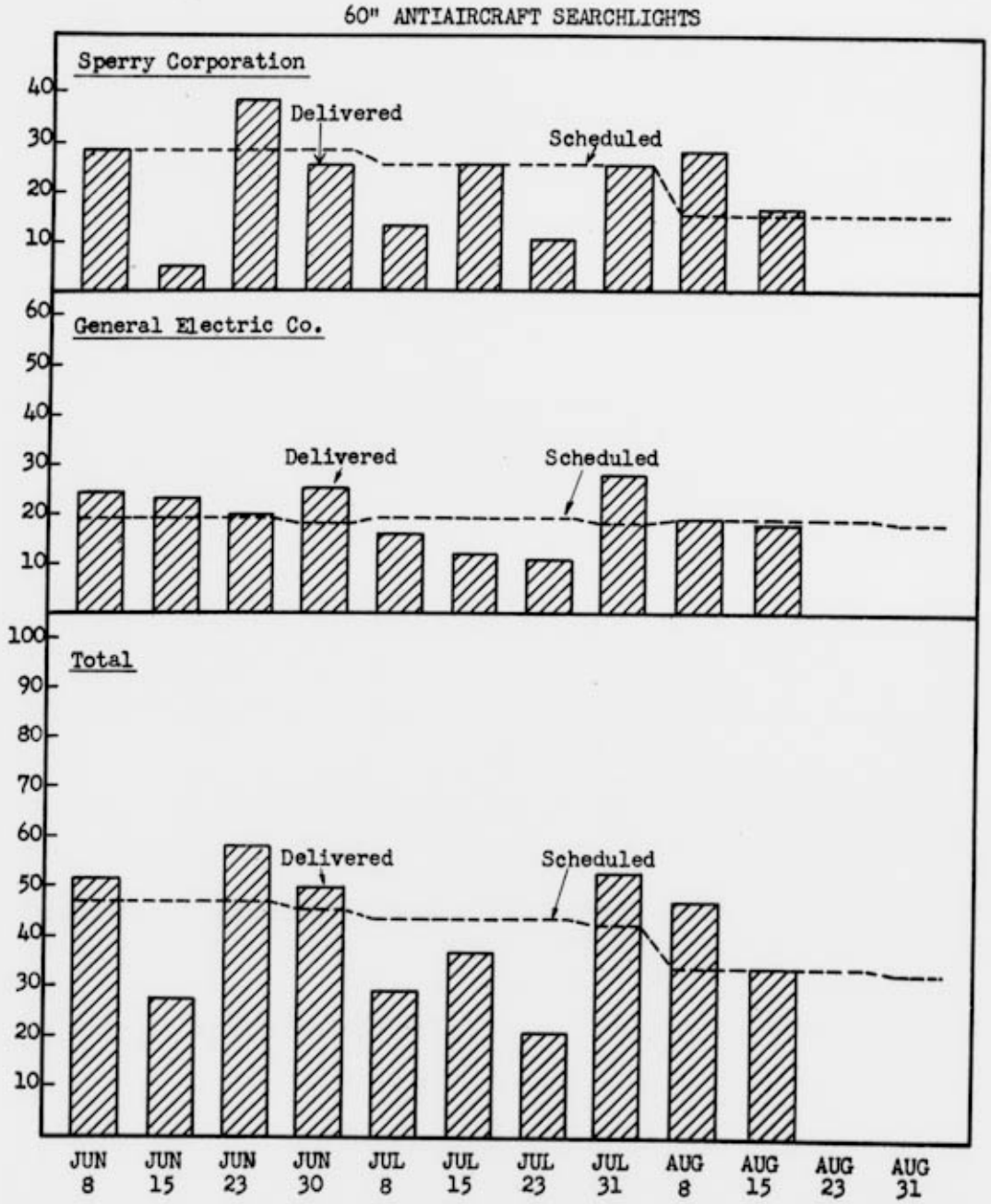
Item	Due	Received
Bridge, port., trestle	5	2
Compressor, air, mtzd.	870	763
Electric light. equip., 5 kva	176	49
Footbridge, M-1938	118	111
Hammer, gas-operated	1063	963
Mixer, concrete	99	88
Searchlight, 18"	160	105
Searchlight, 60"	1234	1092
Trailer for 60" S/L	1500	82

Deliveries of four items are ahead of schedule. These items and the amounts scheduled and delivered are:

Item	Due	Received
Shovel, 1/2-yard	55	56
Stereoscope, lens-prism	2	46
Stereoscope, mirror	912	921
Water puri. unit, port.	322	337

DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH AUGUST 15, 1941

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

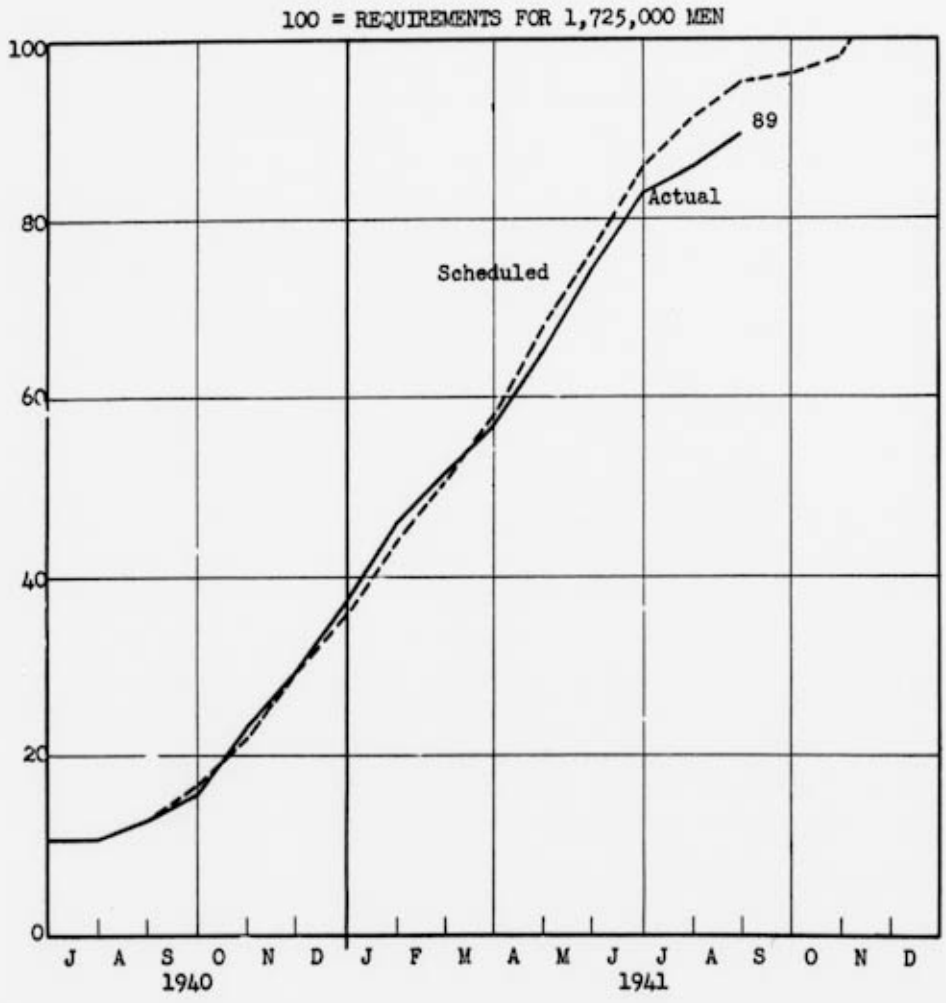


Corps of Engineers

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CORPS OF ENGINEERS - INDEX OF ENGINEER PROCUREMENT - AUGUST 8, 1941

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



Corps of Engineers

Statistics Branch
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CORPS OF ENGINEERS - AIR CORPS CONSTRUCTION - JULY 31, 1941

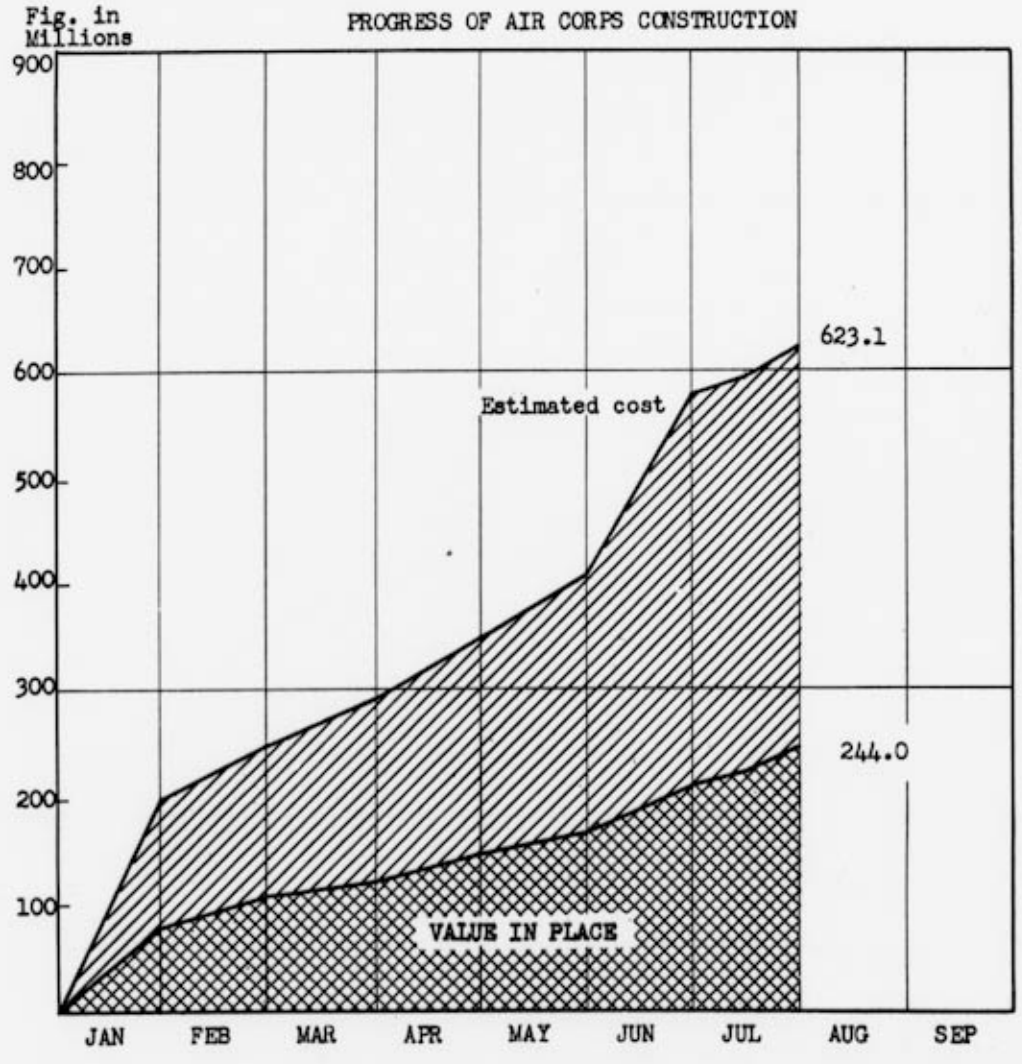
Source of Information: Construction Section, Office of the Chief of Engineers

The table below shows the present status of the Air Corps construction being done by the Corps of Engineers. All dollar values in the table are in millions. The estimated cost of this construction is $623.1 (millions). About 36 percent or $224.0 (millions) of the work is in place.

Type of construction	No. projects	Estimated cost	Work in place	Percent of Work in Place (0 – 100)
G.H.Q. AIR FORCE	48	191.8	132.1	69
TECHNICAL SCHOOLS	6	72.1	36.3	50
REPLACEMENT CENTERS	1	6.0	2.7	45
EXPERIMENTAL DEPOTS	1	11.8	3.7	31
PILOT SCHOOLS	38	158.8	36.6	23
OBSERVATION UNITS	12	7.9	1.7	22
ASSEMBLY PLANTS	4	75.8	14.1	19
AIR CORPS DEPOTS	10	98.9	16.8	17
TOTAL	120	623.1	244.0	36

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

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



Corps of Engineers

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TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED AUGUST 23, 1941

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

The procurement program for Pajama Coats and Trousers has lagged considerably for several months. Deliveries, now however, are ahead of schedule. The program is over 96% completed and the last contract is to be finished in August.

Progress Report as of August 8, credits Johnson & Johnson, New Brunswick, N. J., with the delivery of 248,976 spools of one-inch adhesive plaster. Manufacturers are having considerable difficulty with this item because of the scarcity of zinc oxide and rubber, which go to make up the adhesive surface of this surgical material.

The strike at the Richter Manufacturing Company plant at Glendale, Long Island, a division of the surgical instrument firm of the Fred Haslam Company, Brooklyn, N. Y., is still unsettled. Production has been stopped since June 25, 1941, and is having a serious retarding effect on the several contracts for instruments that the Haslam Company has with the Medical Department. No announcement of pending settlement has been received.

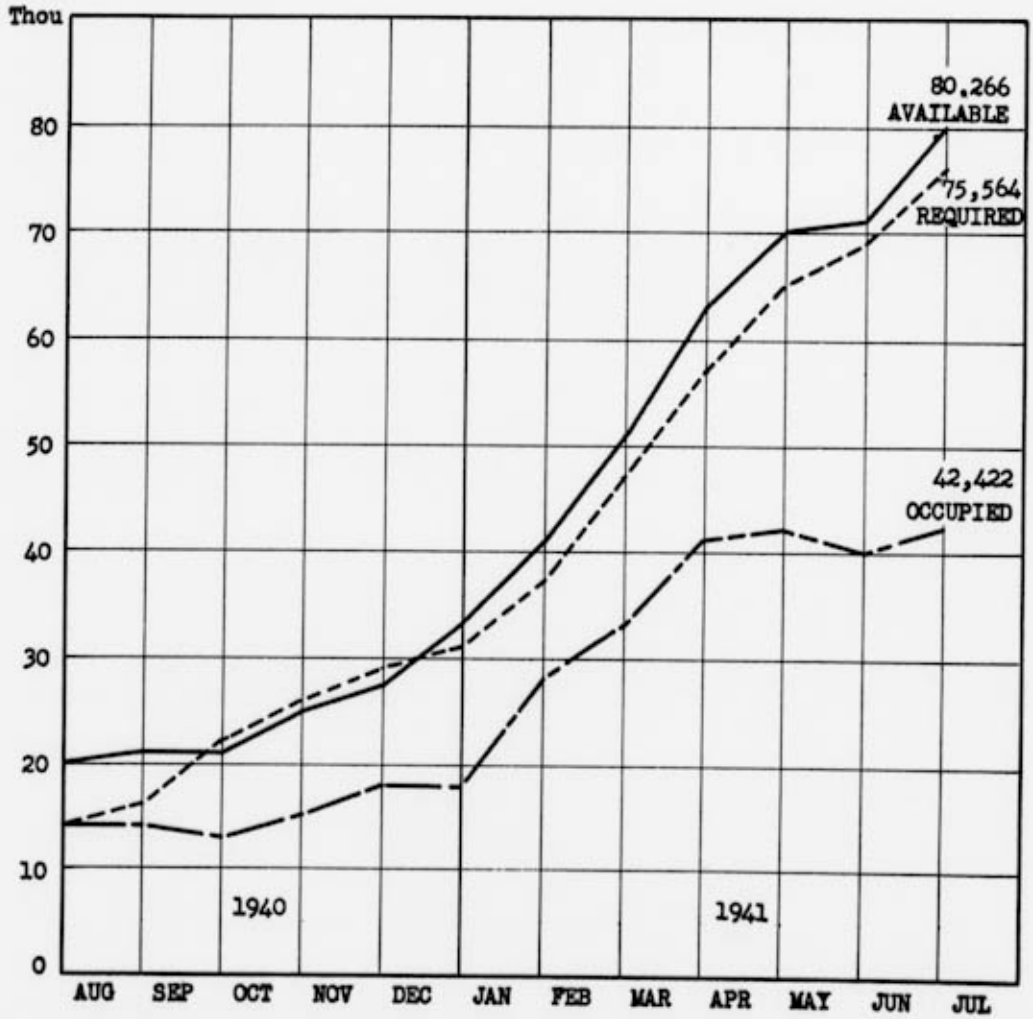
The Wm. W. Stanley Co., New York, N. Y., has delivered eleven hundred and ninety canvas cases for Basic Instrument Sets on their contract for 1,200 of this item. The contract is delinquent since May 22, 1941. Delay has been due to the scarcity of cotton duck and the large requirements of the Army and Navy.

According to a summary of Weekly Vital Statistical Report No. 32, August 14, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 3.80. This percentage shows 3.27 remaining in hospitals and .53 in quarters.

MEDICAL DEPARTMENT - HOSPITAL BEDS REQUIRED, AVAILABLE, AND OCCUPIED - JUNE 30, 1941

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

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

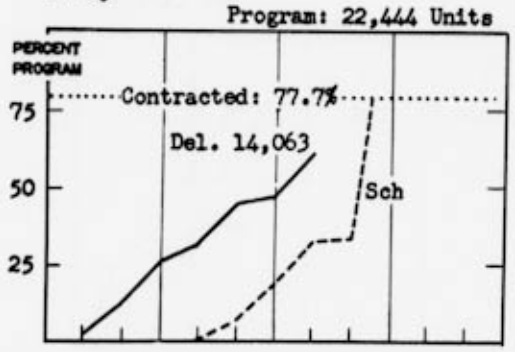


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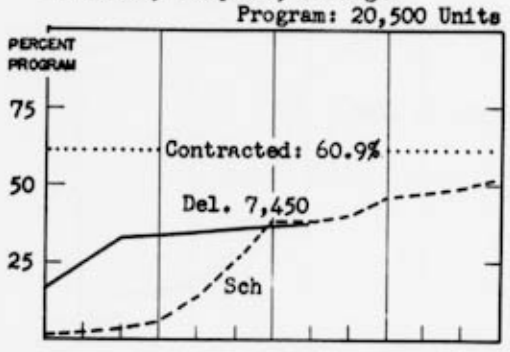
MEDICAL DEPARTMENT - DELIVERY STATUS - FORCEPS, HEMOSTATIC - JULY 31, 1941

Source of Information: Medical Department Procurement Progress Reports

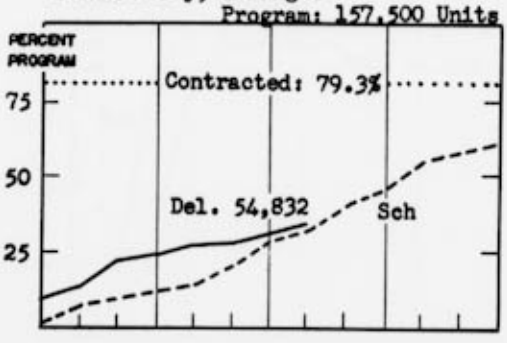
Abbey



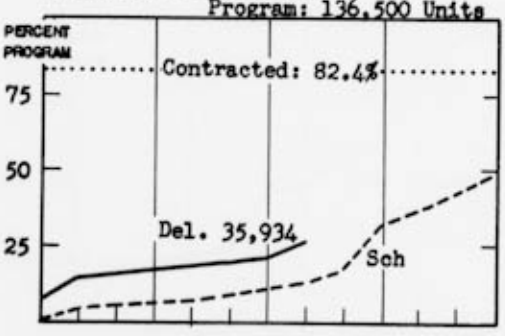
Halstead, mosquito, straight



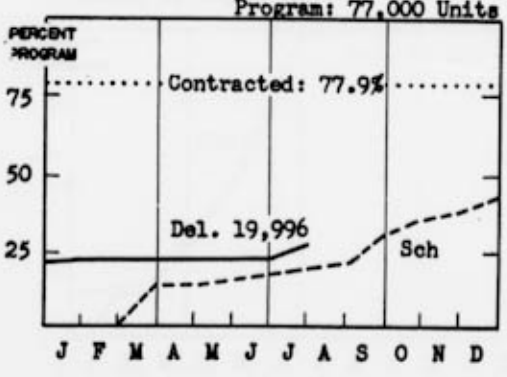
Rankin-Kelly, straight



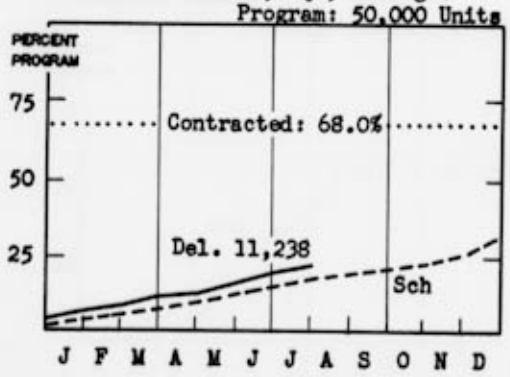
Rochester-Pean, curved



Rochester-Ochsner, 6¼", straight



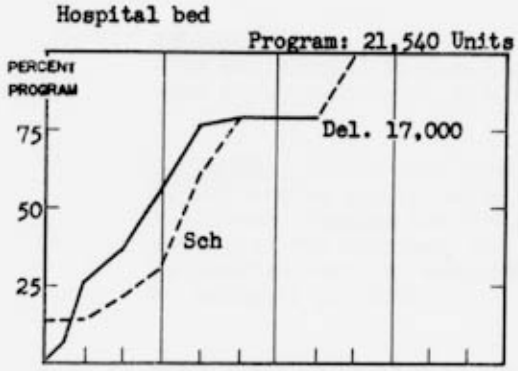
Rochester-Ochsner, 7¼", straight

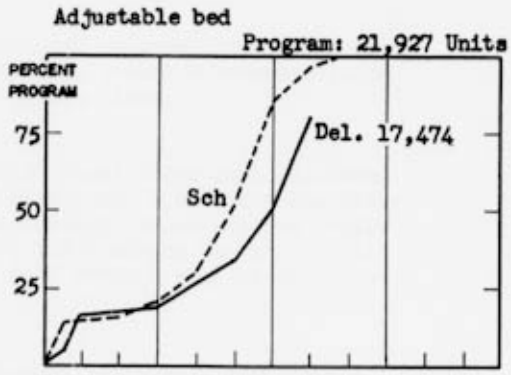


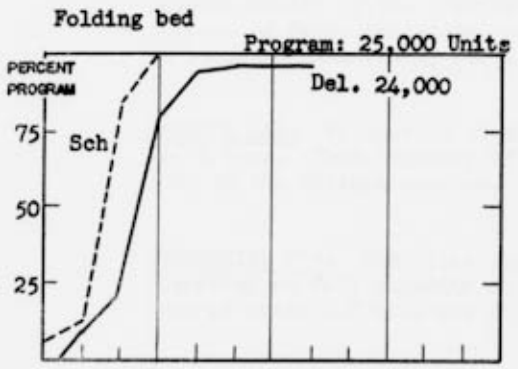
Statistics Branch
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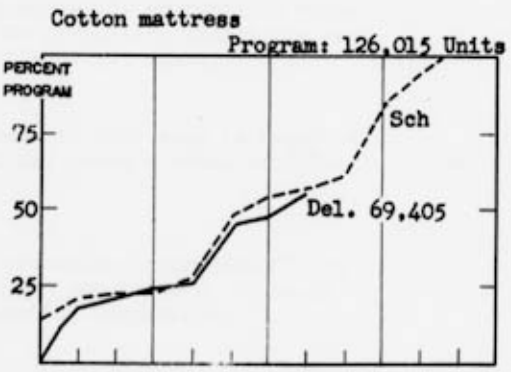
MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - JULY 31, 1941

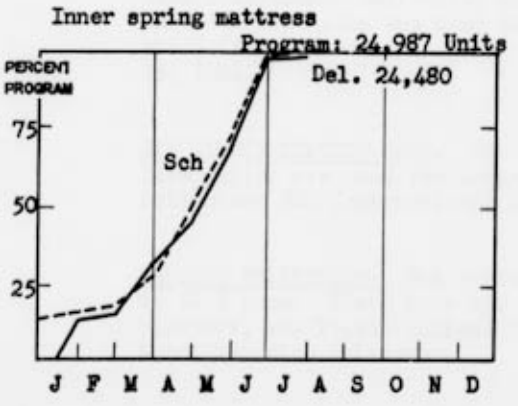
Source of Information: Medical Department Procurement Progress Reports

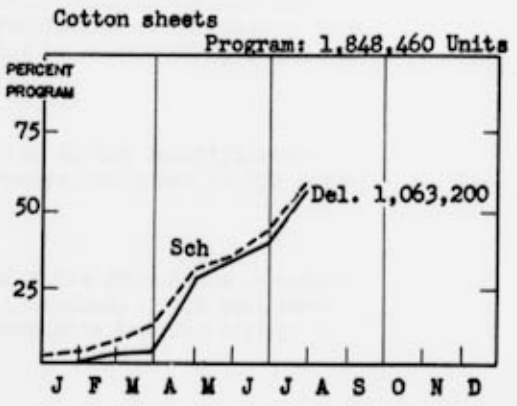












TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS AUGUST 15, 1941

Source of Information: Chemical Warfare Service Reports

PRODUCTION: Analysis of the production and delivery reports received from the Chemical Warfare Service this week reveal a downward tendency of the deliveries on a majority of the items.

GAS MASKS: In the week covered by this report there were delivered 17,093 Service Masks; 20,269 Optical Masks, and 5,840 Training Masks. The factor limiting the production of Training Masks was the availability of the necessary tin parts for the Training Canisters. It is expected that the entire Training Mask program will be completed by September 15, 1941

EXTRA GAS MASK CANISTERS: The manufacture of these canisters has been impeded because of the inadequate supply of Whetlerite. The present policy of the Service is to temporarily suspend the manufacture of Extra Canisters, so that the production facilities may be utilized exclusively for the assembly of gas masks.

MUSTARD GAS: Production of Mustard Gas for this week is reported as 71 tons. This delivery of Mustard Gas makes a total of 229.4 tons on the Savings program.

IMPREGNITE "I": The Pilot plant for producing Impregnite "I" is operating at full capacity and production has amounted to 14.42 tons of which 4.8 tons are still undergoing inspection.

GAS MASK REPAIR KITS: There were 412 Regimental Gas Mask Repair Kits delivered. Deliveries were somewhat delayed because all material available was used for the completion of Gas Masks; however, it is expected that the kits will be completed by September 15, 1941.

GAS IDENTIFICATION SETS: The deliveries of Gas Identification Sets, which are used for training purposes, amounted to 205 Detonation and 286 Instructional Sets.

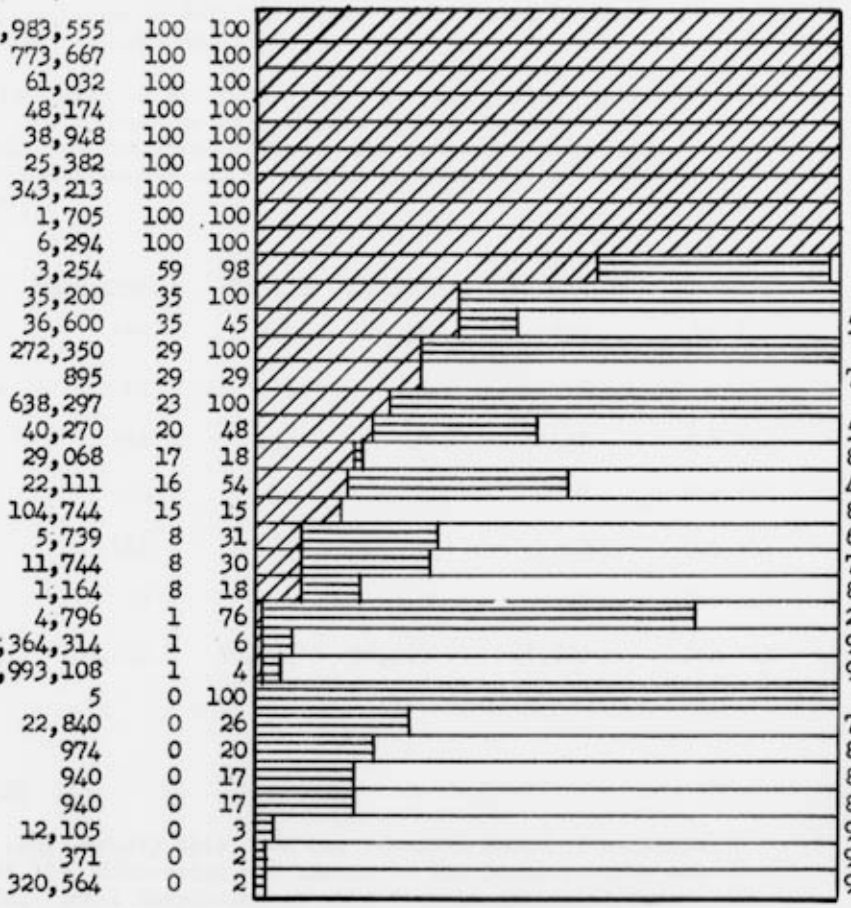
VARIOUS DELIVERIES: The deliveries of White Phosphorus amounted to 51.9 tons. There were 250 Irritant Candles; 7,625 Dust Respirators, and 17,045 gallons of Non-corrosive Demustardizing Agent reported delivered.

REQUIREMENTS FOR 1,725,000 MEN
SELECTED CRITICAL ITEMS

Source of Information: Chemical Warfare Service

August 15, 1941

	Requirement	% on Hand	% on Order	% not on Order
Mask, Gas, Service	1,983,555	100	100	0
Mask, Gas, Diaph.	773,667	100	100	0
Mask, Gas, Optical	61,032	100	100	0
Decntm. Equip.3gal.	48,174	100	100	0
Alarm, Gas	38,948	100	100	0
Repair Kit, Co.	25,382	100	100	0
Antidim, Set	343,213	100	100	0
Cylinders, Portable	1,705	100	100	0
Candles, D.M.	6,294	100	100	0
Repair Kit, Reg.	3,254	59	98	2
Shells, C.M. 4.2"	35,200	35	100	0
Shells, L.P.	36,600	35	45	55
Canister, Diaphragm	272,350	29	100	0
F.S. (Smoke) tons	895	29	29	71
Canister, Service	638,297	23	100	0
Canister, Optical	40,270	20	48	52
Container, Steel	29,068	17	18	82
Mustard Gas (ton)	22,111	16	54	46
Decntm. Equip.1½qt.	104,744	15	15	85
Impregnite I (tons)	5,739	8	31	69
W.P. (Smoke)(ton)	11,744	8	30	70
Agent,Bleach (tons)	1,164	8	18	82
Impregnite Shoe(ton)	4,796	1	76	24
Agent,Non-corr.(gal.)	1,364,314	1	6	94
Ointment Prot. tube	6,993,108	1	4	96
Field Lab.	5	0	100	0
Airplane Tank M10	22,840	0	26	74
Collective Prot. M1	974	0	20	80
Airplane Tank M20	940	0	17	83
Airplane Tank M21	940	0	17	83
Canister, Coll.Prot.	12,105	0	3	97
Equip. Decntm. Power	371	0	2	98
Curtain, Gasproof	320,564	0	2	98



On Hand On Order Not On Order

TEXT - COAST ARTILLERY CORPS - PROCUREMENT .OGRESS - AUGUST 15, 1941

Sources of Information: Air Corps Section, Statistics Branch, O.U.S.W., and Office, Chief of Coast Artillery

BARRAGE BALLOON PROCUREMENT

The table below shows the status of barrage balloon procurement by the Air Corps for the C.A.C. as of July 31, 1941. Procurement by the Air Corps for the Marines has been deducted.

The fiscal year 1942 goal of the C.A.C. is 5 barrage balloon battalions plus one school. The current program covers about 75 percent of the initial requirements for the items listed. The principal item still pending before initial requirements may be met is an award for 67 more high altitude balloons.

Item	Requirement	Current program	On hand	Contracted undelivered	Completion Date
Balloon, low altitude	675	563	32	531	Jul '42
Balloon, high altitude	68	1	1	0	--
Winch, A-9	555	454	17	437	Jan '42
Winch, A-10	180	10	1	9	Oct '41
Winch, A-11	111	12	2	10	Oct '41
Generator, hydrogen	12	4	0	4	Nov '41
Cylinder, hydrogen	101,250	55,000	30,000	25,000	Jan '42

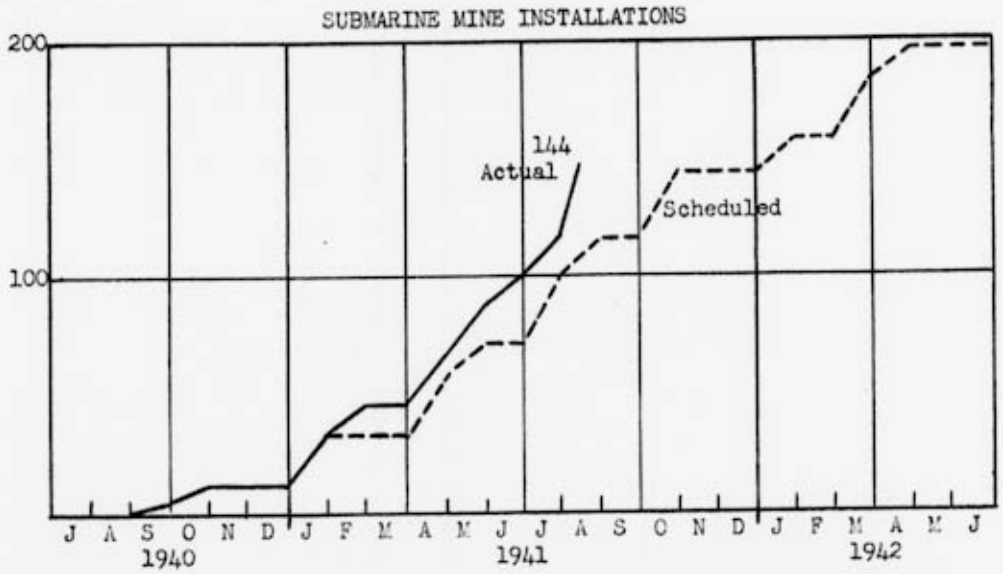
SUBMARINE MINE EQUIPMENT

Since the end of last January this item has remained ahead of schedule. Of the total program of 197, deliveries now amount to 144 compared with the scheduled figure of 108. Total completion of this item is scheduled for April, 1942, but it is expected to be delivered three or four months ahead of this schedule.

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

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and actual installations of submarine mine groups. With it is a table of locations and, for undelivered groups, completion dates of the 13 projects.



COMPLETED GROUPS

Location of project	Number of groups
Chesapeake Bay	28
Manila	28
Sandy Hook	23
Balboa	16
Cristobal	15
Narragansett Bay	12
Boston	9
Columbia River	7
Portsmouth	6
	144

UNDELIVERED GROUPS

Location of project	Number of groups	Completion date
San Francisco Bay	14	Jan '42
Delaware Bay	25	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	53	

Statistics Branch
OUSW - 8-23-41

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War

August 30, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copy No. 9 of the Weekly Statistical Report Summary.

R L P. Patterson

SECRET

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

BF War

WEEKLY STATISTICAL REPORT

No. 9

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

SUMMARY

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OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

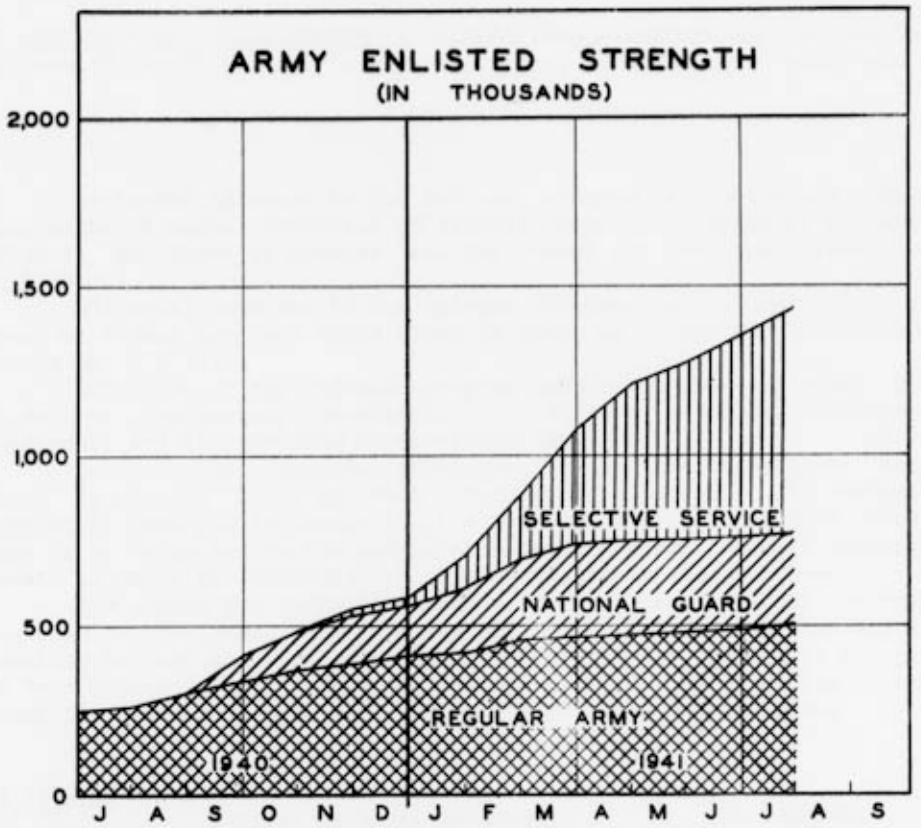
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U. S. GOVERNMENT PRINTING OFFICE 917140

WEEKLY STATISTICAL SUMMARY
REPORT NO. 9
AUGUST 30, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to August 27, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug 27	1,472,000
Sep	407,613	Mar	1,068,030		
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,348,004		

Source of Information: Statistics Branch, General Staff, August 28, 1941

Statistics Branch
OUSW - 8-30-41

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Aug. 27, 1941

Editorial interest in the defense program is greater now than at any time since it began; criticism of defense progress is greater, concern about material shortages is greater and the demand for facts has risen to a new high point.

Editorial interest in the defense program as a whole is ten times as great as a year ago and three times as great as it was at the height of the debate on H R 1776.

Criticism of the defense program centers on four subjects: The rate of defense production, organization of defense agencies, Administration leadership and the gasoline conservation campaign.

Concern about material shortages, priorities unemployment and shutdowns is closely bound up with discussions of morale. The concensus of opinion is that public morale is at a low ebb and that remedial steps will have to be taken before the public will readily accept defense restrictions. Morale in camps is considered to be affected by morale back home.

The demand for facts is a product both of concern about shortages and the rise in criticism. The commentators are asking whether the shortage of gasoline is real and whether other shortages may not be due to the practice of "protective buying." They are asking, also, for more precise information about the defense program as a whole, its progress and its aims.

TABULAR SUMMARY

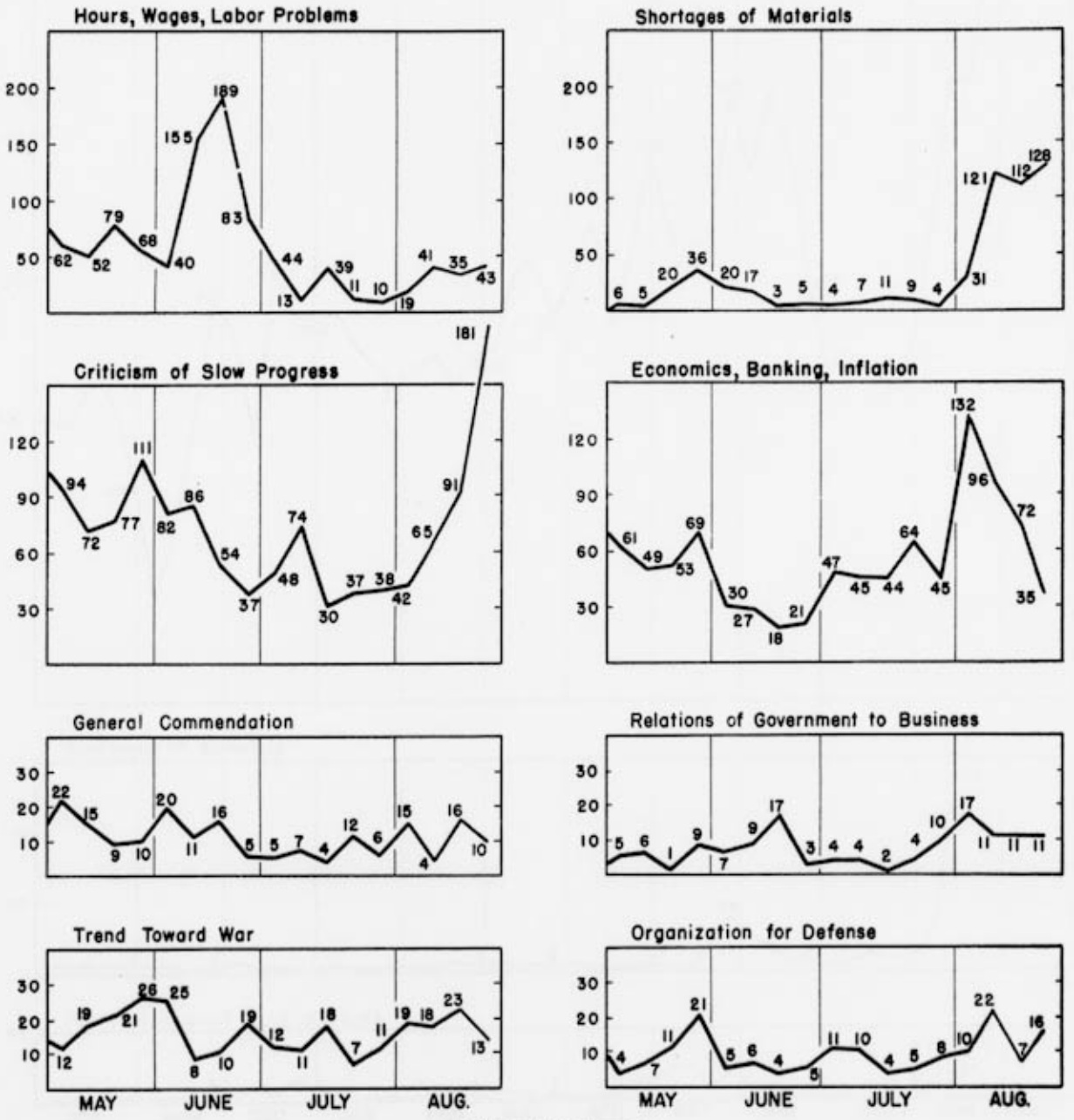
GENERAL CRITICISM	Tallies
Defense organization	24
Govt. leadership	17
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Arms production slow	39
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Unemployment spreading	6
Shutdowns spreading	5
Public suffering	8
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Being bootlegged	3
Collected alum. unused	1
Gas shortage fictitious	8
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Morale in camps poor	14
Morale in camps good	1
Draft changes approved	8
Discharges approved	8
Officers inexperienced	1
Navy morale good	1
Public morale good	1
Public morale poor	8
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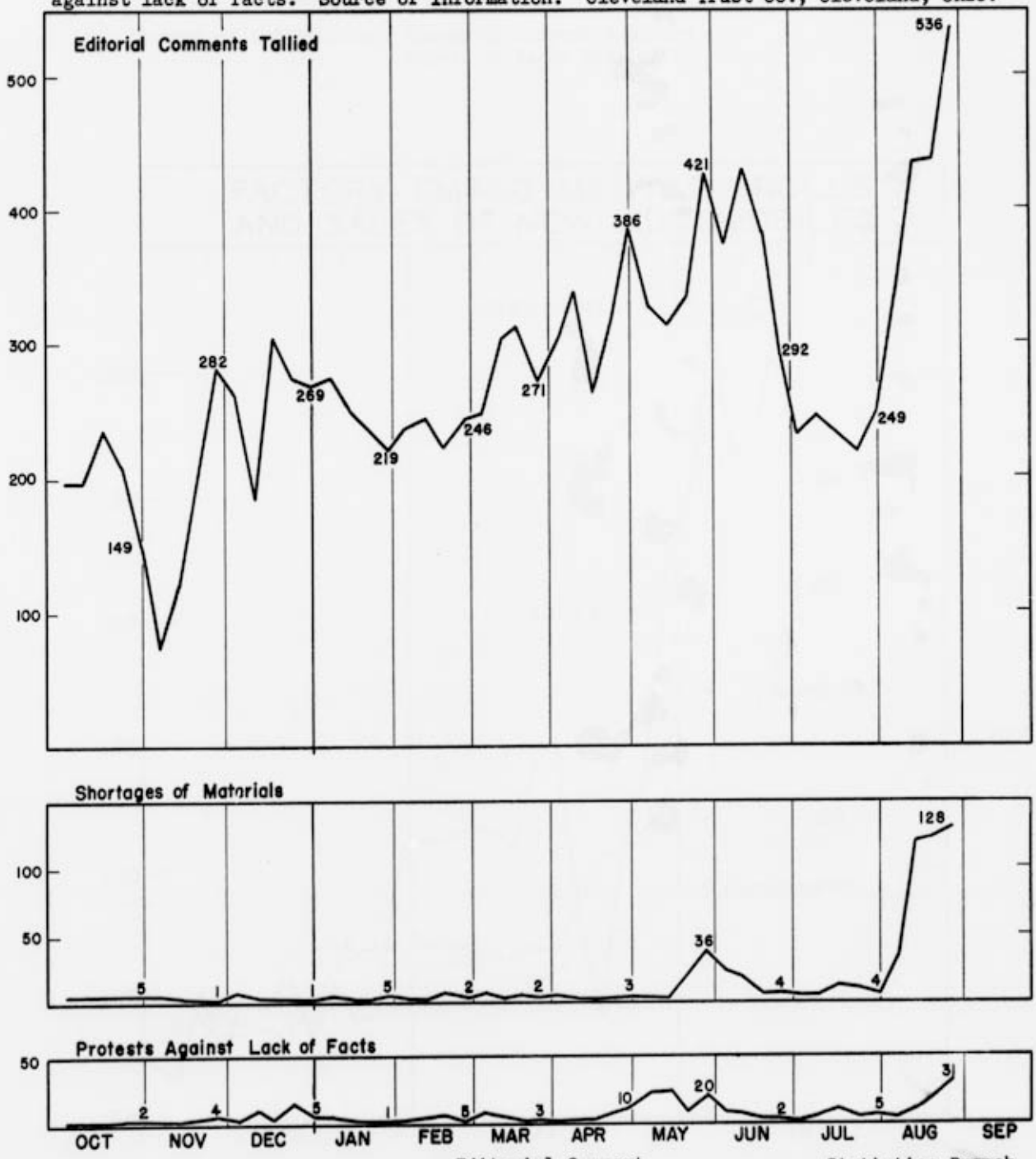
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company



Statistics Branch
OUSW - 8-30-41

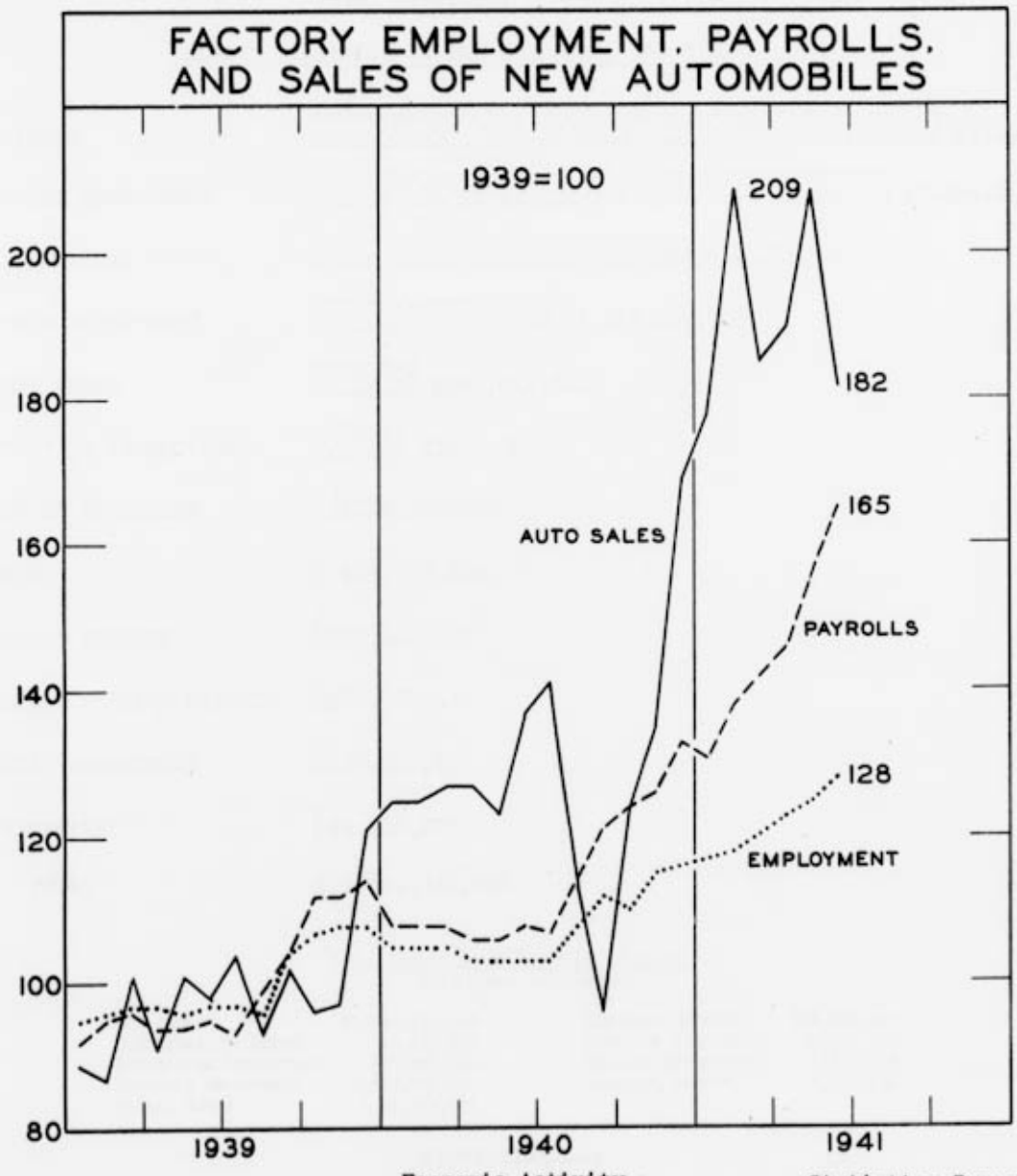
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Summary - Oct. 1940 through Aug. 1941. In the last week of August new, all-time, high records were reached in total tallies, in comments on slow progress, in items about shortages of materials, and in protests against lack of facts. Source of Information: Cleveland Trust Co., Cleveland, Ohio.



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EMPLOYMENT, PAYROLLS AND NEW CAR SALES

Source of Information: Survey of Current Business
Bureau of Labor Statistics



Economic Activity
5

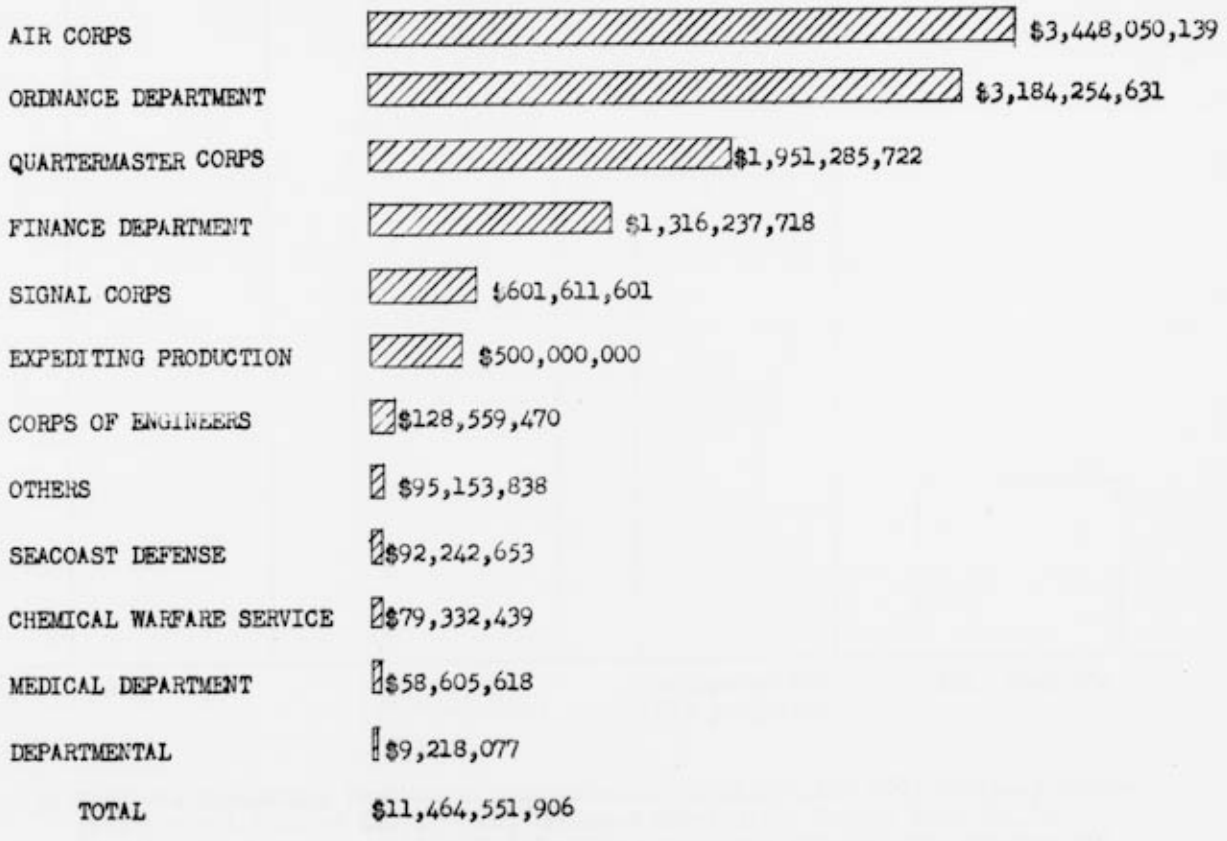
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STATUS OF APPROPRIATIONS—MILITARY ESTABLISHMENT FISCAL YEAR 1942

Source of Information: Regular Appropriation Act (Pub. 139)
First Supplemental Appropriation Act (Pub. 247)

Total War Department	14,638,779,287
Contract Authorization	183,145,695
	14,821,924,982
Liquidations	-3,357,373,076
Total Available	11,464,551,906

AMOUNTS AVAILABLE TO THE SERVICES, AND OTHERS



TOTAL $11,464,551,906

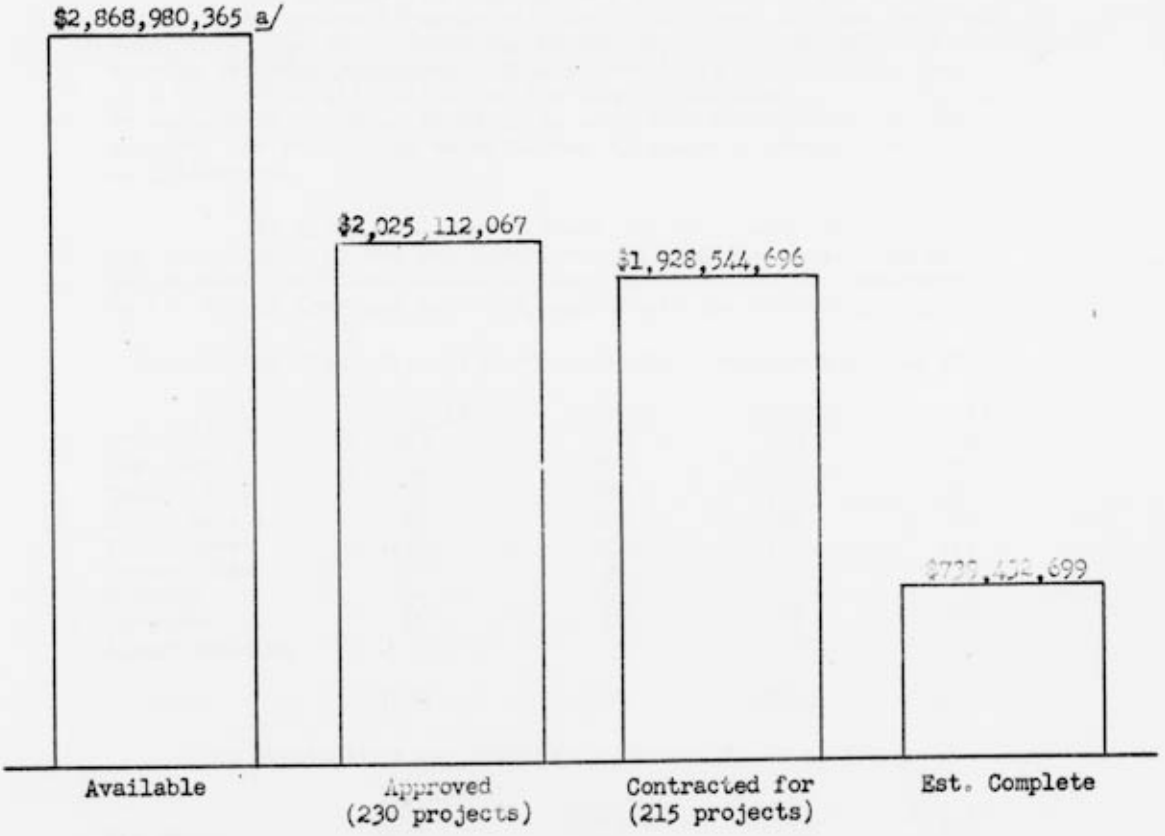
FOR LIQUIDATION OF PRIOR OBLIGATIONS
(NOT SHOWN ON DIAGRAM)

AIR CORPS	$1,201,951,978	SEACOAST DEFENSE	$28,628,047
QUARTERMASTER CORPS	149,423,954	CORPS OF ENGINEERS	25,993,500
EXPEDITING PRODUCTION	771,890,000	MEDICAL DEPARTMENT	6,526,819
ORDNANCE DEPARTMENT	1,103,925,950	CHEMICAL WARFARE	2,345,634
SIGNAL CORPS	66,181,194		

Statistics Branch
OUSW 8-30-41

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - August 16, 1941

Source of Information: Construction Division Report, August 16, 1941



a/ Includes Expediting Production Appropriation of $1,964,286,000; Military Appropriation Act 1941 of $44,275,000; Ordnance Service and Supply $196,024,163; Chemical Warfare Service $1,312,427; Navy Department $26,000,000; Defense Aid Appropriation $350,000,000; and $287,082,775 financed by Defense Plant Corporation (R. F. C.), War Department conditional obligations.

Statistics Branch
OUSW - 8-30-41

DEFENSE AID IN MILLIONS - ALLOCATIONS TO WAR DEPARTMENT

Source of Information: Defense Aid Division, O.U.S.W.

The Defense Aid Supplemental Appropriation Act provides funds in the amount of seven billions of dollars, divided into ten categories, but these funds can be expended only upon definite authority from the President. This authority is given in the form of a "Letter of Allocation" to the agency concerned. If an amount so authorized is later found to be more than is required for the purpose, the excess can be withdrawn by means of another Letter of Allocation.

The first table below shows the total amounts authorized for expenditure by the War Department in each category. The second table shows the distribution of these funds by the War Department to its Supply Arms and Services, which make the actual purchases.

Allocations Classified by Appropriations - Periods Ended as Shown

	June 15	July 15	July 31	Aug.15
Ordnance	763	1006	999	1004
Aircraft	1810	1509	1521	1708
Tanks, etc.	332	383	348	360
Misc. Equip.	91	101	85	86
Facilities	138	244	252	311
Commodities	10	29	29	30
Testing	19	21	21	21
Services	12	12	12	12
Administration	3	3	3	3
Total	3178	3308	3270	3535

By Supply Arms and Services - Periods Ended as Shown

	June 15	July 15	July 31	Aug.15
Air Corps	1842	1540	1624	1804
Ordnance	1106	1460	1414	1468
Quartermaster	139	172	105	125
Signal Corps	64	71	59	59
Corps of Engineers	10	27	27	38
Chemical Warfare	6	24	25	26
Medical Corps	--	1	1	2
Undistributable	11	13	15	13
Total	3178	3308	3270	3535

DEFENSE AID IN MILLIONS - FUNDS OBLIGATED - WAR DEPARTMENT

Source of Information: Defense Aid Division, O.U.S.W.

Obligations Classified by Appropriations - Periods Ended as Shown

	June 15	July 15	July 31	Aug. 15
Ordnance	130.4	320.2	418.0	436.9
Aircraft	458.5	1180.1	1239.8	1267.8
Tanks, etc.	115.4	210.6	213.3	219.5
Misc. Equip.	15.4	44.2	44.7	48.3
Facilities	2.5	61.9	132.1	145.1
Commodities	0.4	1.2	2.3	2.9
Testing	--	--	--	--
Services	--	--	0.7	1.0
Administration	--	--	--	0.1
Total	722.6	1818.2	2050.9	2121.6

By Supply Arms and Services - Periods Ended as Shown

	June 15	July 15	July 31	Aug. 15
Ordnance	237.3	502.7	650.3	688.1
Air Corps	458.5	1214.7	1296.3	1324.4
Signal Corps	7.4	33.8	34.0	37.1
Quartermaster	14.3	59.2	61.5	62.2
Chemical Warfare	3.4	4.8	5.2	5.9
Corps of Engineers	1.7	3.0	3.6	3.9
Total	722.6	1818.2	2050.9	2121.6

DEFENSE AID - WAR DEPARTMENT DELIVERIES TO FOREIGN GOVERNMENTS

Source of Information: Defense Aid Division, O.U.S.W.

Funds made available for Defense Aid total $8,300,000,000. The Act of March 11, 1941, (Lend-Lease Act), authorizes $1,300,000,000 of transfers of defense articles in stock or procured from appropriations made prior to that date. The Defense Aid Supplemental Appropriation Act, (March 27, 1941), provides $7,000,000,000 for new orders.

From 1.3 Billion Authorization - By Periods Ended as Shown

	June 15	July 15	July 31	Aug. 15
Ordnance	$15,946,000	$26,930,000	$40,477,000	$47,346,000
Quartermaster	2,910,000	3,044,000	3,044,000	4,068,000
Chemical Warfare	1,988,000	1,993,000	1,993,000	1,993,000
Air Corps	979,000	1,387,000	1,614,000	1,694,000
Engineers	--	--	1,100,000	1,066,000
Signal Corps	155,000	316,000	423,000	425,000
Medical Corps	13,000	13,000	13,000	13,000
Total	$21,991,000	$33,683,000	$48,664,000	$56,605,000

From 7 Billion Appropriation - By Periods Ended as Shown

Quartermaster	$ 860,000	$ 1,814,000	$ 1,838,000	$ 3,944,000
Ordnance	166,000	394,000	884,000	2,351,000
Air Corps	168,000	327,000	470,000	728,000
Signal Corps	39,000	39,000	39,000	378,000
Engineers	--	--	22,000	44,000
Chemical Warfare	--	--	--	1,000
Total	$ 1,233,000	$ 2,574,000	$ 3,253,000	$ 7,446,000

TEXT SUMMARY - ORDNANCE DEPARTMENT - AUGUST 30, 1941

Source of Information: Ordnance Department, General Staff, and OUSW

3" AND 90MM ANTIAIRCRAFT GUNS

All except the last four accepted deliveries of 3" antiaircraft guns are reported to have been made by August 15. Procurement of this limited standard weapon was planned to be completed this month.

There are over five hundred of the 3" antiaircraft mobile guns M3 in the United States and possessions. This gun has a vertical range of over 29,000 feet and provides a highly effective defense, although the item is being replaced by the 90mm antiaircraft gun as the standard weapon of defense against aircraft.

Quantity production of the 90mm antiaircraft gun is about to get under way. The first complete item was delivered in May, 1941, seven were accepted in July, and four more in the first three weeks of August. The principal limiting component part is the mount, of which there are five manufacturers:

Watertown Arsenal
York Safe and Lock Company
Buckeye Traction Ditcher Company
Allis Chalmers Manufacturing Company
Worthington Pump and Machinery Corporation

AIRCRAFT MACHINE GUNS

The diagrams on page 13 compare the actual and scheduled deliveries of caliber .30 and caliber .50 aircraft machine guns with the requirements for these guns compiled from the OPM Aircraft Production Schedule No. 8F, which contains airplane delivery schedules as of June 30, 1941.

Accepted deliveries in the first three quarter-monthly periods of August increased to 873 caliber .30 machine guns and to 3,563 of the caliber .50, from the respective totals of 500 and 3,171 during the entire month of July. Maximum production is scheduled at nearly 8,000 of the caliber .30 machine guns, commencing in June, 1942, and at 11,000 caliber .50 guns, starting in February, 1942.

MEDIUM TANK, M3

Accepted deliveries of medium tanks, M3 increased to forty in the first three-quarter monthly periods of August from seventeen in the month of July.

Production reports for July indicate that deliveries of all component parts except the 75mm gun, M2 were behind schedule. The hull and the transmission are the most critical components.

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program	Delivered thru July 31	Percent of total program			
			Contracted	Scheduled	Due	Delivered
Aircraft Armament						
Machine gun, cal.30	90,148	8,120ø	100	100	9*	9ø
Machine gun, cal.50	165,127	14,488ø	100	100	8*	9ø
Gun, 20mm, automatic	44,749	0	100	100	0	0
Gun, 37mm, automatic	2,880	57	100	100	2	2
Combat Vehicles						
Tank, light	4,090	1,410ø	100	98	36*	34ø
Tank, medium	4,748	170ø	100	100	4*	4ø
Scout car	2,733	2,633ø	100	100	100*	96ø
Personnel carrier, 8-man	5,792	993	100	100	14	17
Personnel carrier, 13-man	5,521	218	100	89	5	4
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	251,397	72,935ø	98	98	27*	29ø
Gun, 37mm, tank	7,352	1,767	100	82	22	24
Gun, 75mm, tank	2,764	102	100	100	1	4
Antiaircraft						
Gun, 3"	152	152ø	100	100	93*	100ø
Gun, 90mm	1,271	12ø	100	100	2*	1ø
Gun, 37mm	3,195	462	100	100	14	14
Machine gun, cal.50 (W.C.)	14,168	668	84	100	8	5
Artillery						
Howitzer, 75mm	958	123	100	100	13	13
Howitzer, 105mm	3,761	61	100	46	1	2
Gun, 155mm	492	18	100	68	3	4
Modernization - H.S.						
Carriage, 75mm gun	1,330	526	100	100	39	40
Carriage, 155mm howitzer	1,436	966ø	100	100	55*	67ø
Carriage, 155mm gun	853	91	77	77	14	11
Infantry Armament						
Rifle, cal.30, M1	913,691	248,766ø	93	93	25*	27ø
Machine gun, cal.30 (Var.)	113,850b	37,461b	100b	90b	34b	33b
Machine gun, cal.50 (H.B.)	29,879b	1,188b	100b	100b	4b	4b
Gun, 37mm, antitank	9,464	576	100	67	6	6
Mortar, 60mm	10,162	4,940ø	100	100	43*	49ø
Mortar, 81mm	4,458	1,187ø	100	77	21*	30ø

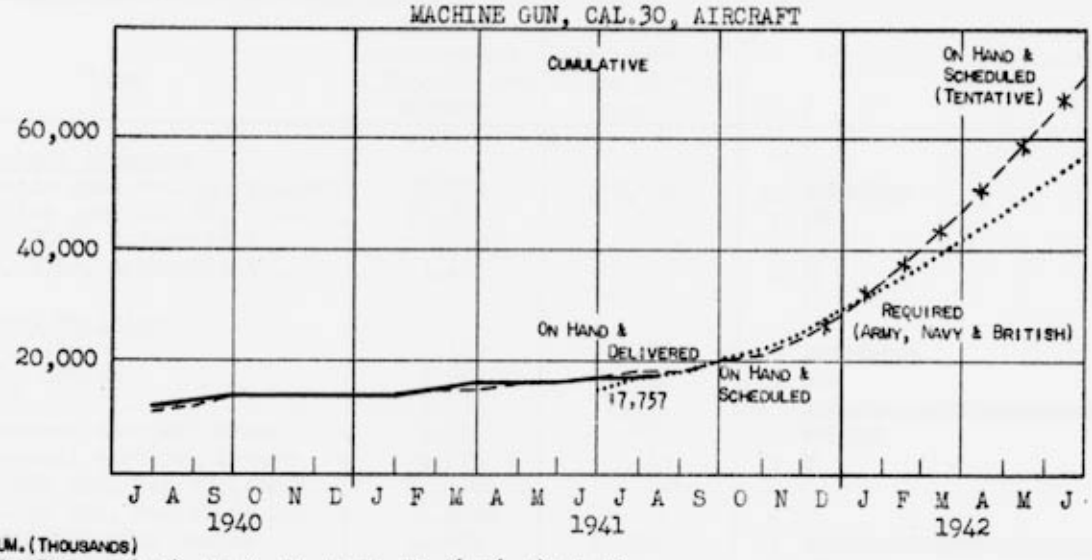
a Included in Infantry Armament. Deliveries not reported separately.
b Figures include Armament for Combat Vehicles.
* Thru August 15.
ø Thru August 23.

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AIRCRAFT ARMAMENT - DELIVERIES AND SCHEDULES - JULY 31, 1941

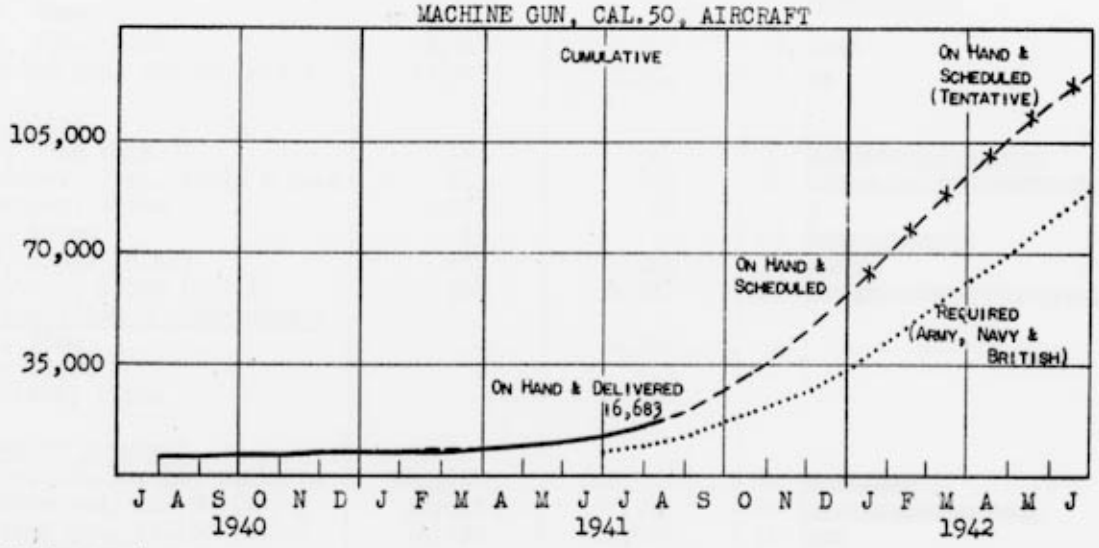
Source of Information: Industrial Service, Ordnance Department & OUSW

MACHINE GUN, CAL.30, AIRCRAFT



CUM. (THOUSANDS)																								
DELIVERED	12	13	14	14	14	14	14	15	16	16	16	17	17											
SCHEDULED	11	12	14	14	14	14	14	15	15	16	16	17	18	18	20	21	24	28	34	40	47	55	63	71
REQUIRED												15	17	18	20	22	25	29	33	37	42	47	52	57

MACHINE GUN, CAL.50, AIRCRAFT



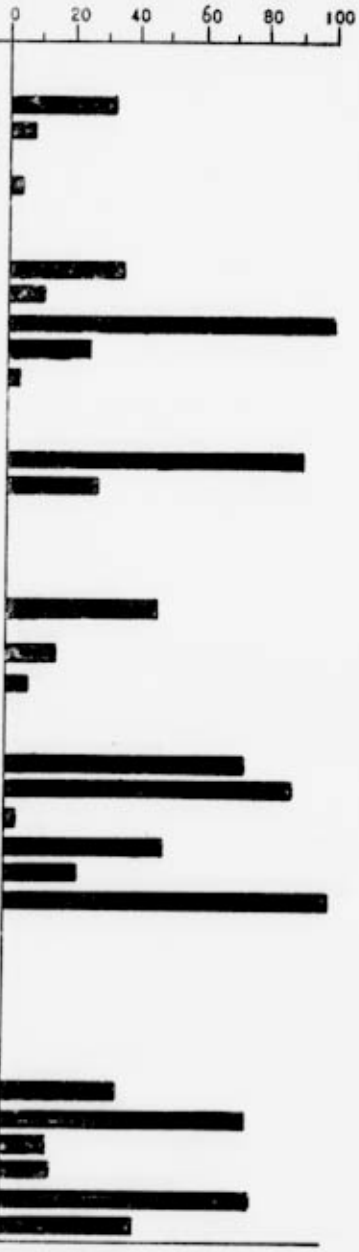
CUM. (THOUSANDS)																								
DELIVERED	5	5	6	6	7	7	7	7	8	9	10	12	15											
SCHEDULED	5	5	6	6	7	7	7	8	8	9	10	12	15	20	27	35	45	56	69	81	94	106	117	126
REQUIRED												7	9	12	16	21	26	33	42	51	60	69	79	89

Statistics Branch
OUSW - 8-30-41

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

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

Item	Initial requirements 1,725,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %
Aircraft Armament			
Machine gun, cal.30, fix.&fl.	28,792	9,626	33
Machine gun, cal.50, fix.&fl.	55,344	4,549	8
Gun, 20mm, automatic A.C.	1,691	0	0
Gun, 37mm, automatic A.C.	1,475	66	4
Combat Vehicles			
Tank, light	2,313	806	35
Tank, medium	1,041	116	11
Scout car	2,028	2,692	133
Personnel carrier, 8-man	3,336	827	25
Personnel carrier, 13-man	4,575	145	3
Machine gun, cal.30 (Var.)	31,070a	a	-
Machine gun, cal.50 (H.B.)	5,485a	a	-
Submachine gun, cal.45	24,981	22,766	91
Gun, 37mm, tank	3,434	930	27
Gun, 75mm, tank	792	0	0
Antiaircraft			
Gun, 3"	1,192	552	47
Gun, 90mm		13	
Gun, 37mm, A.A.	2,745	421	15
Machine gun, cal.50 (W.C.)	13,625	1,002	7
Artillery			
Gun, 75mm (H.S.)	884	647	73
Howitzer, 75mm, field & pack	213	187	88
Howitzer, 105mm	1,952	67	3
Gun, 155mm	43	21	49
Gun, 155mm (H.S.)	657	144	22
Howitzer, 155mm (H.S.)	744	1,167	157
Unmodified & other models			
Gun, 75mm	-	2,794	-
Gun, 155mm	-	825	-
Howitzer, 155mm	-	826	-
Infantry Armament			
Rifle, cal.30, M1, semiauto	702,880	245,735	35
Machine gun, cal.30 (Var.)	50,623	37,992	75
Machine gun, cal.50 (H.B.)	14,252	1,955	14
Gun, 37mm, antitank	4,693	721	15
Mortar, 60mm	4,876	3,799	78
Mortar, 81mm	2,460	1,001	41



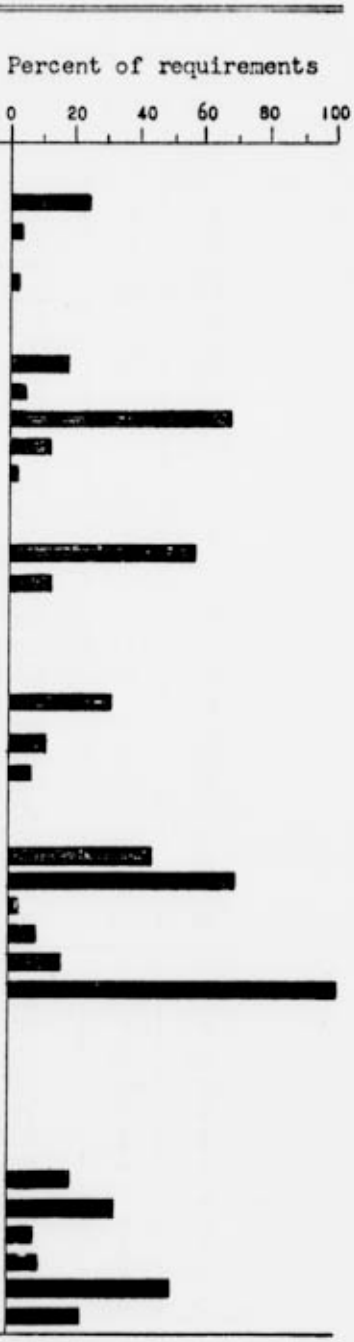
a Included in Infantry Armament.

Statistics Branch
OUSW - 8-30-41

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

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

Item	Total requirements 3,000,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %
Aircraft Armament			
Machine gun, cal.30, fix.&fl.	39,463	9,626	24
Machine gun, cal.50, fix.&fl.	135,263	4,549	3
Gun, 20mm, automatic A.C.	4,903	0	0
Gun, 37mm, automatic A.C.	2,880	66	2
Combat Vehicles			
Tank, light	4,414	806	18
Tank, medium	2,668	116	4
Scout car	3,944	2,692	68
Personnel carrier, 8-man	7,105	827	12
Personnel carrier, 13-man	5,989	145	2
Machine gun, cal.30 (Var.)	62,195a	a	-
Machine gun, cal.50 (H.B.)	11,704a	a	-
Submachine gun, cal.45	39,174	22,766	58
Gun, 37mm, tank	7,272	930	13
Gun, 75mm, tank	2,764	0	0
Antiaircraft			
Gun, 3"	1,795	552	31
Gun, 90mm		13	
Gun, 37mm, A.A.	3,880	421	11
Machine gun, cal.50 (W.C.)	16,938	1,002	6
Artillery			
Gun, 75mm (H.S.)	1,471	647	44
Howitzer, 75mm, field & pack	267	187	70
Howitzer, 105mm	3,215	67	2
Gun, 155mm	249	21	8
Gun, 155mm (H.S.)	909	144	16
Howitzer, 155mm (H.S.)	1,041	1,167	112
Unmodified & other models			
Gun, 75mm	-	2,794	-
Gun, 155mm	-	825	-
Howitzer, 155mm	-	826	-
Infantry Armament			
Rifle, cal.30, M1, semiauto.	1,279,751	245,735	19
Machine gun, cal.30 (Var.)	96,649	37,992	39
Machine gun, cal.50 (H.B.)	29,243	1,955	7
Gun, 37mm, antitank	8,112	721	9
Mortar, 60mm	7,589	3,799	50
Mortar, 81mm	4,327	1,001	23



a Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (Thousands)	Delivered thru July 31 (Thousands)	Percent of total program			
			Contracted	Scheduled	Due	Delivered
Aircraft & Pyrotechnics						
Bomb, frag., 20#	2,017	28	77	100	2	1
Bomb, demo., 100#,300#,500#	1,315	108	47	100	8	8
Bomb, demo., 1000#	15	2	72	100	0	13
Bomb, g & s, 30#, 100#	499	85	70	100	21	17
Shot & shell, 20mm	32,502	0	97	0	0	0
Shell, H.E., 37mm	1,890	79	66	100	7	4
Flares	373	173	99	100	78	46
Signals	2,054	597	100	100	30	29
Antiaircraft						
Shell, 37mm, H.E.	12,786	22	21	100	-	-
Shell, 3", H.E.	2,267	69	70	100	4	3
Shell, 90mm, H.E.	3,053	0	58	100	0	0
Artillery						
Shell, H.E., s c, 75mm gun	1,477	97	85	100	7	7
Shell, g & s, 75mm gun	1,108	8	99	99	1	1
Shot, A.P., 75mm gun	1,733	0	100	100	0	0
Shell, H.E., 75mm how.	4,279	238	99	99	6	6
Shell, H.E., 105mm how.	11,793	62	35	100	1	1
Shell, H.E., 155mm gun	1,081	0	32	100	0	0
Charge, prop., 155mm gun	1,084	225	98	100	21	21
Shell, H.E., 155mm how.	4,360	5	77	100	-	-
Shell, g & s, 155mm how.	1,224	290	66	100	24	23
Charge, prop., 155mm how.	5,759	843	77	100	12	15
Primer, 21 gr.	8,338	299	81	100	4	4
Fuzes (All)	11,964	3,082	74	99	26	26
Infantry						
Cartridge, cal.30	4,490,291	488,880ø	84	84	10*	11ø
Links, met. belt, cal.30	1,011,225	89,468	99	99	9	9
Cartridge, cal.45	606,476	136,959	100	100	23	23
Cartridge, cal.50	905,479	58,184ø	99	99	6*	6ø
Links, met. belt, cal.50	2,444,920	47,055	99	99	3	2
Shot & shell, 37mm	19,589	237	19	100	1	1
Shell, H.E., 60mm	8,882	36	31	100	-	-
Shell, H.E., 81mm	3,785	116	18	100	3	3
Shell, smoke, 81mm	426	0	5	100	0	0
Grenade, H.E., frag.	1,576	71	98	100	5	5
Signals, ground & light	3,588	445	48	58	15	12
Mine, antitank	2,050	0	2	100	0	0

* Thru August 15.
ø Thru August 23.

NEW FACILITIES - PROGRESS AS OF AUGUST 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed %	Equipment Percent delivered %
General Motors Corp.		
Saginaw	- None required	91
Flint	- None required	91
Dayton	- None required	74
Syracuse	- None required	82
Savage Arms Company	- None required	53
Colt (Machine Gun)	- None required	94
Detroit Tank Arsenal	98	92
Disston & Sons	100	90
Mesta Machine Co.	- None required	90
Colt (37mm Gun)	- None required	94
Bendix Aviation Corp.	100	99

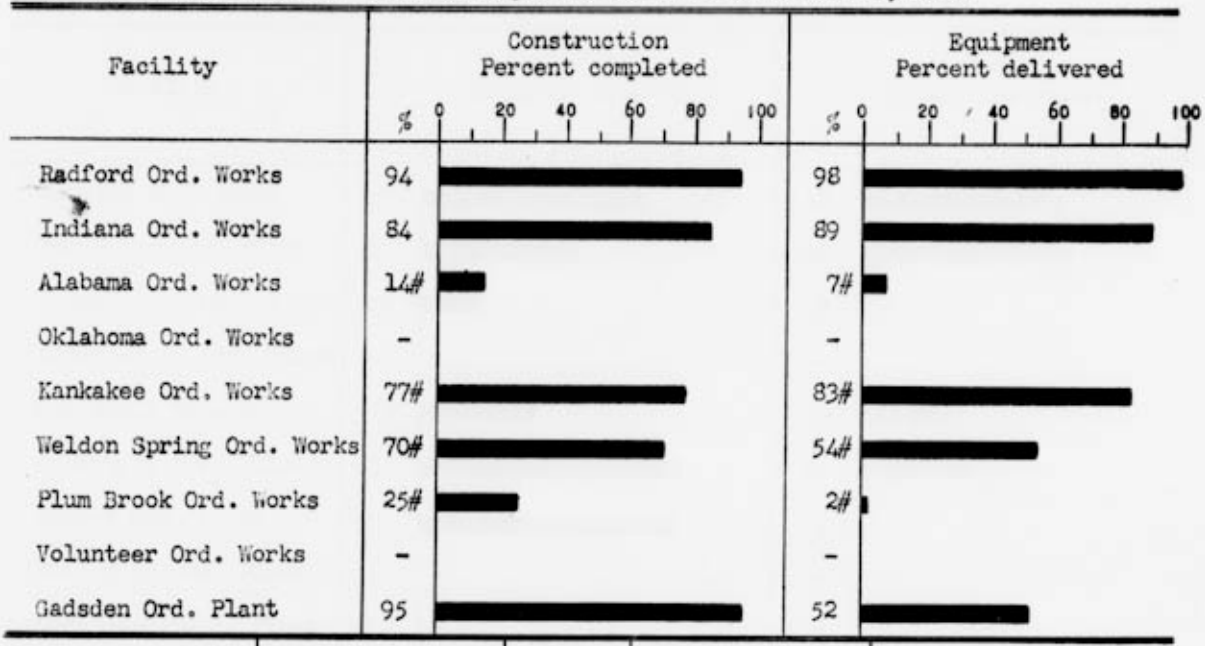
Facility	Location	Planned Capacity Monthly	Estimated Cost July 31, 1941 Total (Thous.)	Actually Obligated (Percent)	Estimated Month Initial Operation	Full Operation
Machine Gun						
General Motors	Saginaw, Mich.	2,800			4-41ø	1-42*
	Flint, Mich.	1,400			5-41ø	8-41*
	Dayton, Ohio	2,100	$21,251	79	6-41ø	9-41*
	Syracuse, N. Y.	840			8-41	12-41*
Savage Arms	Utica, N. Y.	3,200	16,717	63	7-41ø	12-41*
Colt	Hartford, Conn.	3,800	4,818	93	-	1-42*
Tank						
Detroit	Detroit, Mich.	100	17,996	95	4-41ø	10-41
Armor Plate						
Disston	Philadelphia, Pa.	483 tons	1,226	88	3-41ø	-
155mm Gun						
Mesta	W. Homestead, Pa.	44	1,780	95	5-41ø	1-42*
37mm Gun						
Colt	Hartford, Conn.	200	4,010	114	-	9-42*
20mm Gun						
Bendix	Elmira, N. Y.	200	1,000	-	4-41ø	8-41

* Plant Equipment Only. ø Operations Started.

Statistics Branch
OUSW - 8-30-41

NEW FACILITIES - PROGRESS AS OF AUGUST 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



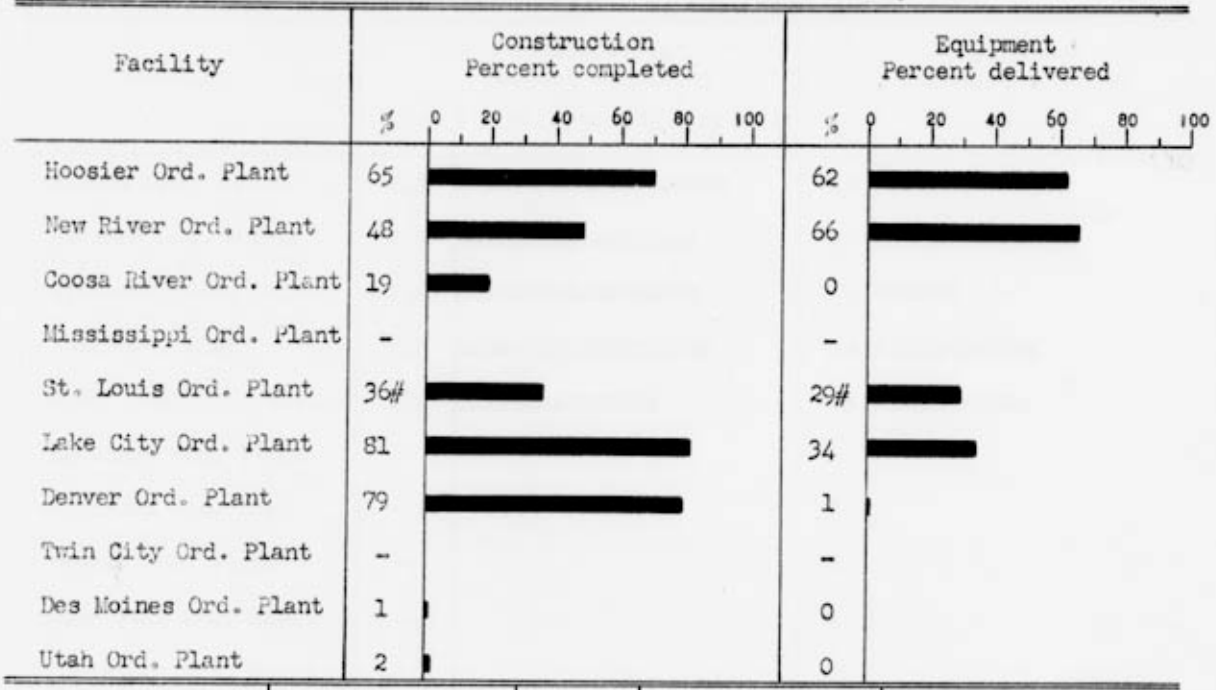
Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost July 31, 1941 Total (Thous.)	Actually Obligated (Percent)	Estimated Month Initial Operation	Full Operation
Smokeless Powder						
Radford	Radford, Va.	3.8 Tons	$ 52,440	95	5-41ø	8-41
Indiana	Charlestown, Ind.	7.8 Tons	114,700	82	5-41ø	12-41
Alabama	Sylacauga, Ala.	3.8 Tons	49,168	54	3-42	4-42
Oklahoma	Choteau, Okla.	3.8 Tons	60,000	-	-	-
Tetryl & Azide						
Kankakee	Wilmington, Ill	.5 Tons	-	-	9-41	11-41
TNT & DNT						
Kankakee	Wilmington, Ill.	7.7 Tons	47,715	84	9-41	11-41
Weldon Spring	Weldon Spring, Mo.	6.6 Tons	34,045	53	10-41	5-42
Plum Brook	Sandusky, Ohio	6.6 Tons	24,127	36	11-41	4-42
Alabama	Sylacauga, Ala.	2.5 Tons	26,462	-	3-42	5-42
Volunteer	Chattanooga, Tenn.	6.6 Tons	42,900	16	1-42	3-42
Sh. Mach.& Forg.						
Gadsden	Gadsden, Ala.	210	6,655	81	8-41ø	3-42

\# Does Not Include Additions.
ø Operations Actually Started.

Statistics Branch
OUSW - 8-30-41

NEW FACILITIES - PROGRESS AS OF AUGUST 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

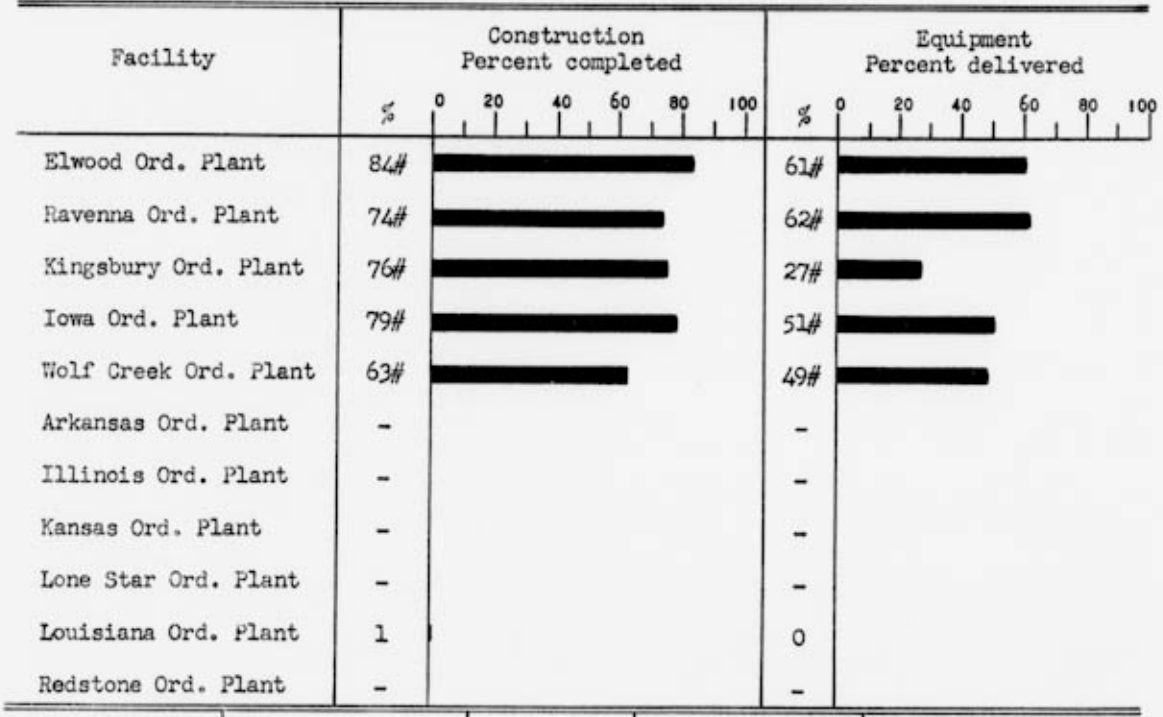


Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost July 31, 1941 Total (Thous.)	Actually Obligated (Percent)	Estimated Month Initial Operation	Full Operation
Bag Loading						
Hoosier	Charlestown, Ind.	4.1 Tons	$ 19,507	68	8-41ø	10-41
New River	Pulaski, Va.	2.7 Tons	11,850	73	9-41	10-41
Coosa River	Sylacauga, Ala.	2.7 Tons	11,736	23	3-42	5-42
Mississippi	Flora, Miss.	2.7 Tons	14,500	-	1-42	5-42
S. A. Ammunition		(Rounds)				
St. Louis	St. Louis, Mo.	200,000	103,587	31	9-41	1-42
Lake City	Lake City, Mo.	65,000	29,952	88	9-41	1-42
Denver	Denver, Colo.	100,000	31,775	78	9-41	2-42
Twin City	St. Paul, Minn.	65,000	31,676	-	-	-
Des Moines	Des Moines, Iowa	65,000	31,970	-	-	3-42
Utah	Salt Lake, Utah	65,000	32,000	-	-	3-42

\# Does Not Include Additions.
ø Operations Actually Started.

NEW FACILITIES - PROGRESS AS OF AUGUST 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly	Estimated Cost July 31, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (Percent)	Initial Operation	Full Operation
Shell Loading						
Elwood	Wilmington, Ill.	4 Lines	$32,250	95	8-41ø	4-42
Ravenna	Ravenna, Ohio	4 Lines	38,667	95	8-41ø	2-42
Kingsbury	LaPorte, Ind.	6 Lines	32,018	74	8-41ø	4-42
Iowa	Burlington, Iowa	4 Lines	35,092	84	7-41ø	3-42
Wolf Creek	Milan, Tenn.	5 Lines	23,756	79	8-41ø	2-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	21,997	.2	1-42	6-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	-	-	-
Kansas	Parsons, Kans.	3 Lines	35,000	.08	1-42	4-42
Lone Star	Texarkana, Texas	5 Lines	35,968	-	1-42	3-42
Louisiana	Minden, La.	4 Lines	19,716	.5	1-42	4-42
Redstone	Huntsville, Ala.	Chem. Shell & Bombs	6,000	-	7-42	9-42

Does not include additions.
ø Operations actually started.

Statistics Branch
OUSW - 8-30-41

NEW FACILITIES - PROGRESS AS OF AUGUST 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
Morgantown Ord. Works	61#	64#
Ohio River Ord. Plant	12	2
T. V. A.	- Started	-
Missouri Ord. Works	-	-
Dixie Ord. Works	-	-
Jayhawk Ord. Works	-	-
Maumelle Ord. Works	-	-
Baytown Ord. Works	92	95
Copperhill Ord. Plant	-	-

Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost July 31, 1941 Total (Thous.)	Estimated Cost July 31, 1941 Actually Obligated (Percent)	Estimated Month Initial Operation	Estimated Month Full Operation
Ammonia						
Morgantown	Morgantown, W. Va.	13.0 Tons	$ 38,223	63	12-41	10-42
Ohio River	Henderson, Ky.	4.5 Tons	14,721	23	6-42	7-42
T. V. A.	Muscle Shoals, Ala.	-	-	-	12-41	3-42
Missouri	Louisiana, Mo.	4.5 Tons	18,425	-	10-42	12-42
Dixie	Monroe, La.	4.5 Tons	16,750	-	10-42	12-42
Ammonium Nitrate						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	17,700	-	10-42	12-42
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	10-41	3-42
Ammonium Picrate						
Maumelle	Marche, Ark.	1.1 Tons	10,729	.03	5-42	6-42
Toluol						
Baytown	Baytown, Texas	2,446 Gal.	12,436	97	9-41	11-41
Oleum						
Copperhill	Copperhill, Tenn.	13.2 Tons	2,375	-	1-42	3-42

Operations Actually Started.

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Office, Chief of Air Corps

F.Y. 1942 PROGRAM

A modification has been made in the F.Y. 1942 program. One hundred and fifty Curtiss P-40's have been deleted. In lieu of the P-40's, there will be procured from Douglas 150 dive bombers of the A-24 model. Before this modification, there were no dive bombers in the F.Y. 1942 program.

The total F.Y. 1942 program now calls for 13,057 airplanes. Some 3,531 of these units or 27% were under contract as of August 28.

Of the 10,097 tactical units to be procured, 721 or 7% are under contract. This represents 600 heavy bombers, 120 transports, and 1 amphibian.

Of the 2,960 trainer units to be procured, 2,810 or 95% are under contract. This represents 450 primary trainers, 1,100 basic trainers, 360 advance trainers, 1-engine, and 900 advance trainers, 2-engine.

One delivery has been made against the F.Y. 1942 program. This consisted of an amphibian purchased from a private owner.

The first tactical unit under existing contracts is to be delivered in June 1942.

The first trainer unit under existing contracts is to be delivered in December 1941.

ARMY DELIVERIES UNDER ALL PROGRAMS

There were 257 project airplanes delivered during the third quarter of August. With the exception of the last quarter of July, this is the best quarter monthly delivery record during the current fiscal year.

Only 4 bombers were delivered during the third quarter of August. This is the lowest quarterly delivery of bombers made since the first quarter of February.

Delivery of pursuits was up with 97 units being accepted. This is the highest delivery of pursuits made during any quarter monthly period since July 1, 1940. It exceeds by 4 units pursuit deliveries during the entire month of July.

There were also accepted 35 service combat units and 131 trainers during the third quarter of August.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - AUGUST 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 8/23/41	Pending (less awards) F.Y. 1941 Program "B" & 5th supp. modified	Pending (less awards) F.Y. 1942 12,000 program modified
Airplanes						
Heavy bomber	4,902	2,246	46	91	-	2,656
Medium bomber	5,816	4,616	79	254	-	1,200
Light bomber	2,032	1,382	68	201	500	150
Pursuit, fighter	1,859	709	38	65	-	1,150
Pursuit, interceptor	9,094	4,394	48	968	-	4,700
Observation	533	533	100	172	-	-
Transport	1,358	1,238	91	65	-	120
Amphibian	75	75	100	0	-	-
Reconnaissance	17	17	100	14	-	-
Total Tactical	25,686	15,210	59	1,830	500	9,976
Primary trainer	5,940	5,940	100	2,133	-	-
Basic trainer	6,151	6,151	100	1,408	-	-
Adv. trainer, 1-eng.	3,657	3,657	100	698	-	-
Adv. trainer, 2-eng.	3,682	3,532	96	97	-	150
Total Trainer	19,430	19,280	99	4,336	-	150
Grand Total	45,116	34,490	76	6,166	500	10,126
Engines						
Heavy bomber	19,612	12,748	65	1,810	-	6,864
Medium bomber	12,432	5,575	45	899	3,657	3,200
Light bomber	3,726	2,576	69	926	1,000	150
Pursuit, fighter	3,720	1,394	37	327	26	2,300
Pursuit, interceptor	9,094	4,394	48	1,231	-	4,700
Observation	533	533	100	351	-	-
Transport	2,838	1,626	57	299	732	480
Amphibian	150	150	100	0	-	-
Reconnaissance	34	34	100	34	-	-
Total Tactical	52,139	29,030	56	5,877	5,415	17,694
Primary trainer	5,940	5,940	100	2,708	-	-
Basic trainer	6,151	2,679	44	1,607	2,372	1,100
Adv. trainer, 1-eng.	3,657	2,297	63	1,676	1,000	360
Adv. trainer, 2-eng.	7,364	3,064	42	1,049	3,100	1,200
Total Trainer	23,112	13,980	60	7,040	6,472	2,660
Grand Total	75,251	43,010	57	12,917	11,887	20,354

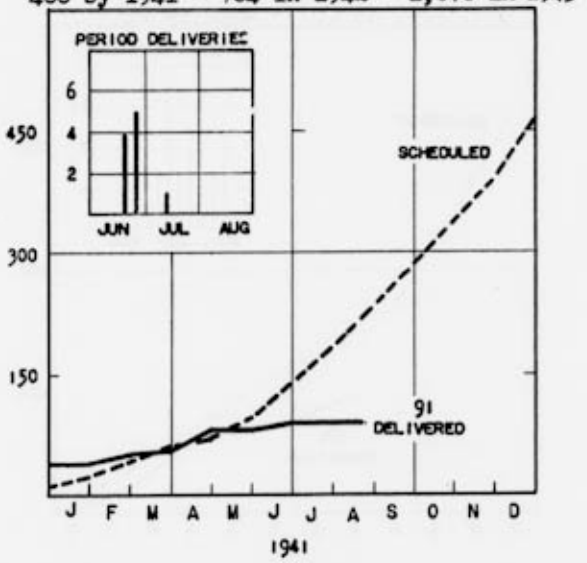
(a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941-1942 programs for project airplanes and installation engines.

Note: "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

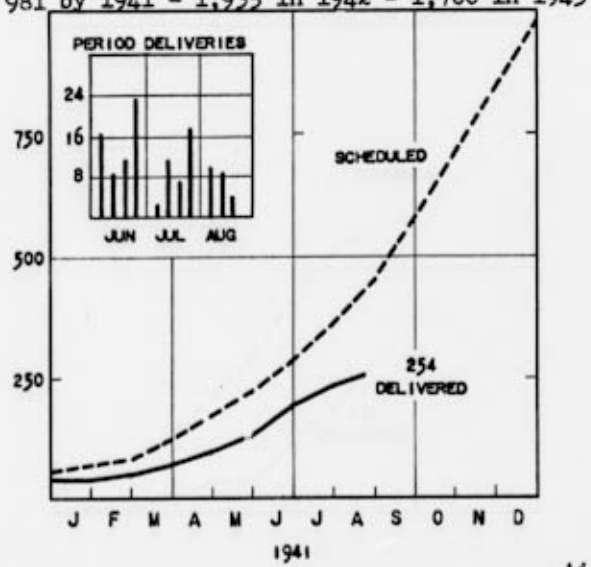
Statistics Branch
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PROJECT AIRPLANES

2246 HEAVY BOMBER
466 by 1941 - 704 in 1942 - 1,076 in 1943

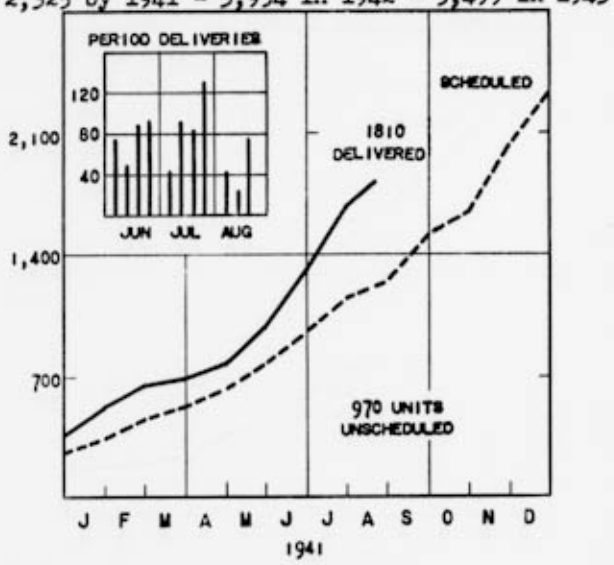


4,616 MEDIUM BOMBER
981 by 1941 - 1,935 in 1942 - 1,700 in 1943

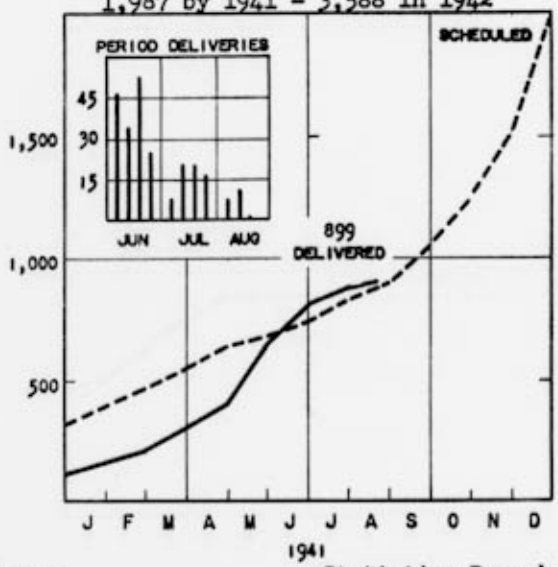


INSTALLATION ENGINES

12,748 HEAVY BOMBER
2,325 by 1941 - 3,954 in 1942 - 5,499 in 1943



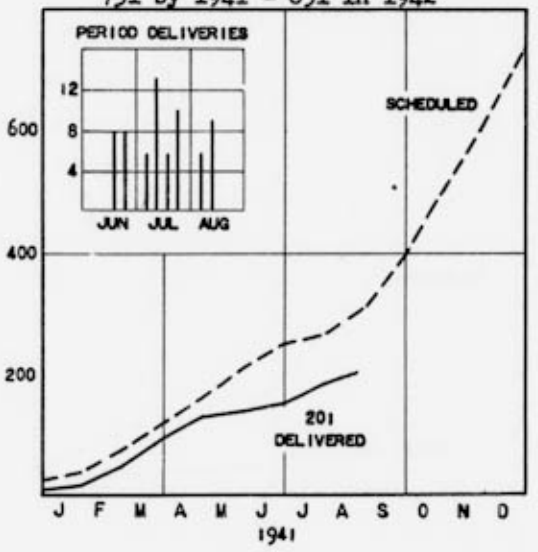
5,575 MEDIUM BOMBER
1,987 by 1941 - 3,588 in 1942



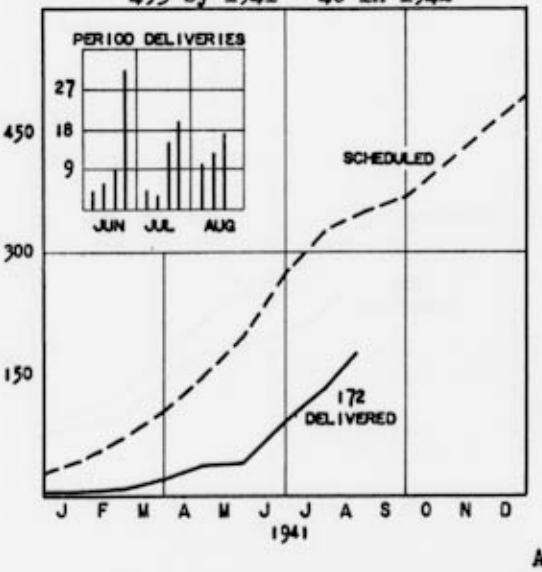
Statistics Branch
OUSW - 8-30-41

PROJECT AIRPLANES

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

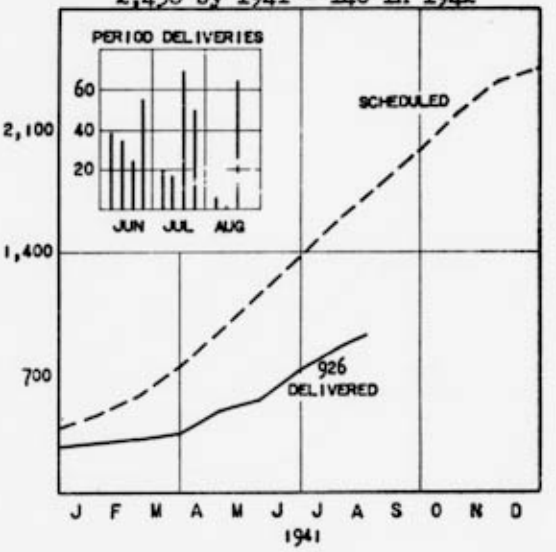


533 OBSERVATION
493 by 1941 - 40 in 1942

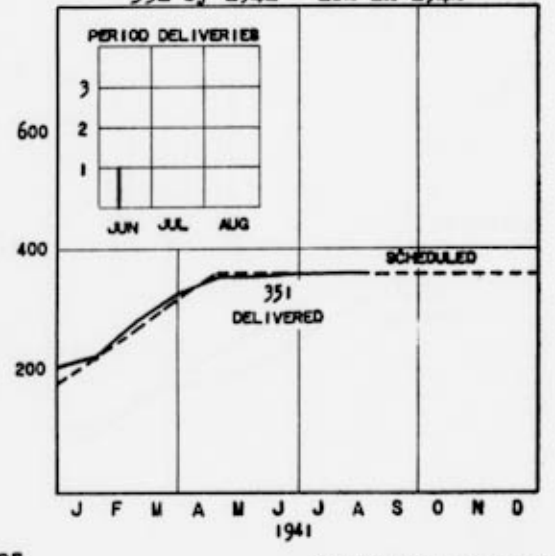


INSTALLATION ENGINES

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



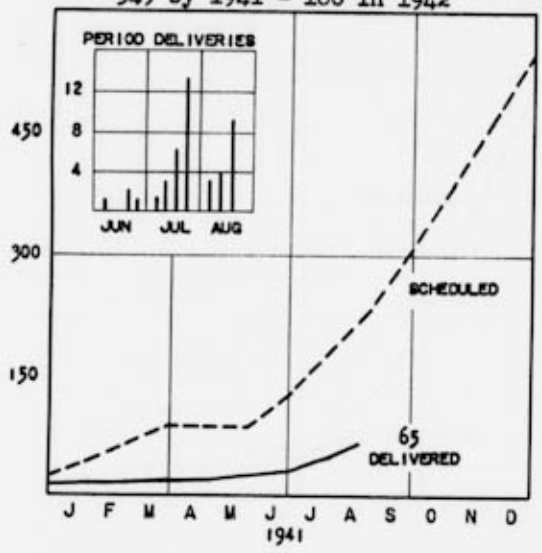
533 OBSERVATION
351 by 1941 - 182 in 1942



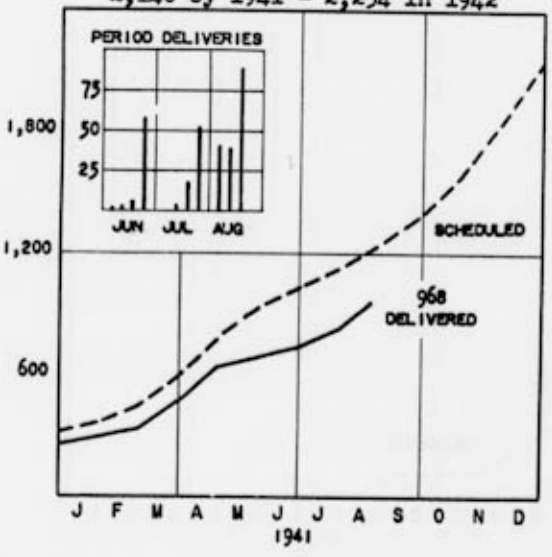
Statistics Branch
OUSW - 8-30-41

PROJECT AIRPLANES

709 PURSUIT FIGHTER
549 by 1941 - 160 in 1942

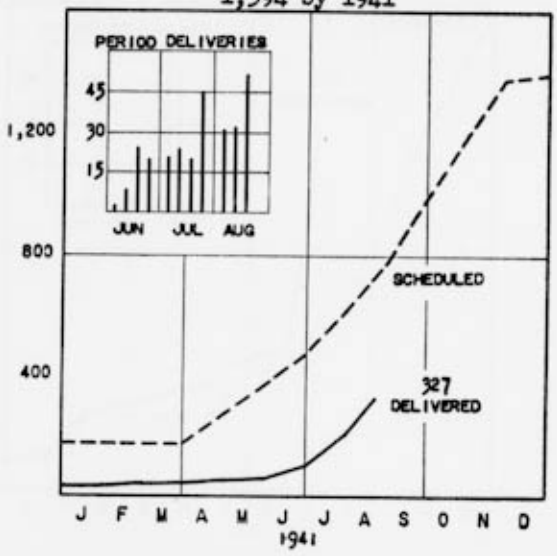


4,394 PURSUIT INTERCEPTOR
2,140 by 1941 - 2,254 in 1942

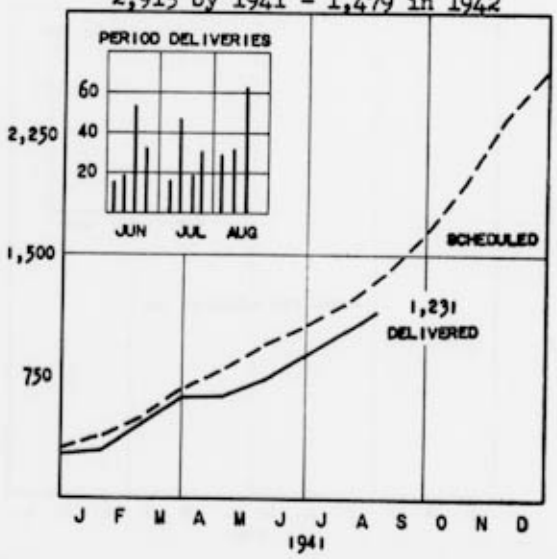


INSTALLATION ENGINES

1,394 PURSUIT FIGHTER
1,394 by 1941



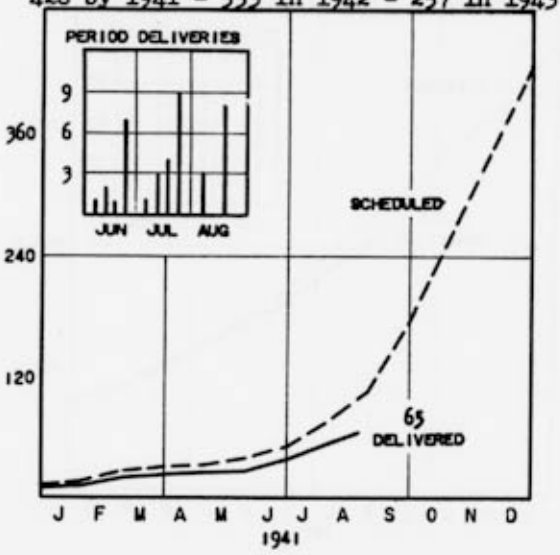
4,394 PURSUIT INTERCEPTOR
2,915 by 1941 - 1,479 in 1942



Statistics Branch
OUSW - 8-30-41

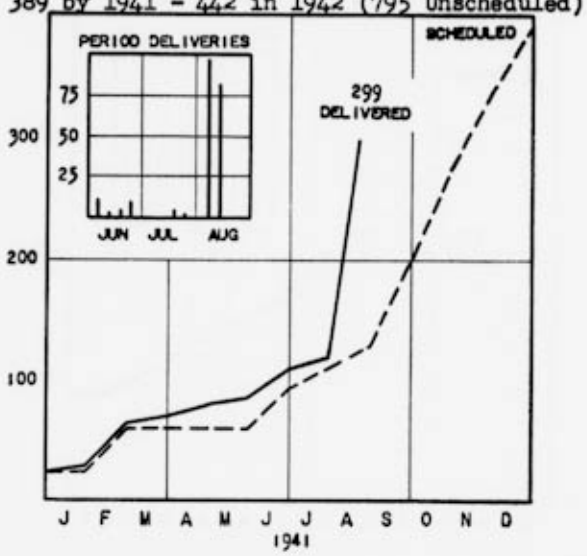
PROJECT AIRPLANES

1,238 TRANSPORT
428 by 1941 - 553 in 1942 - 257 in 1943

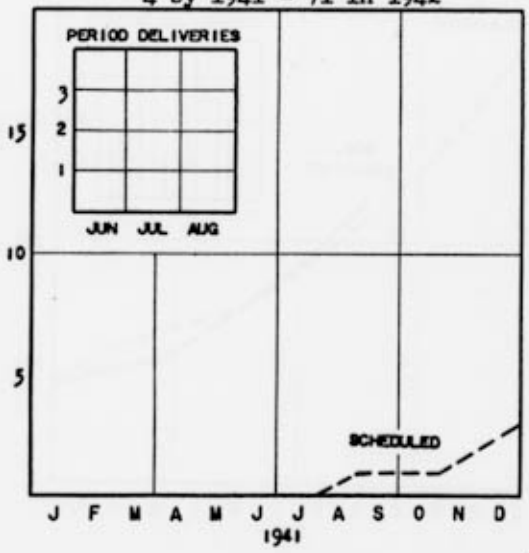


INSTALLATION ENGINES

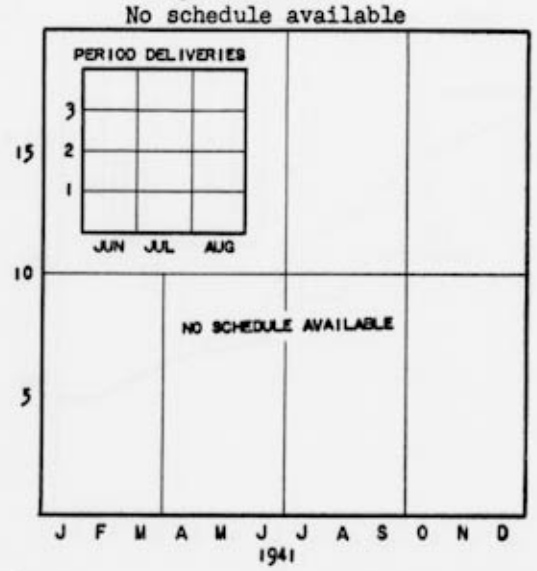
1,626 TRANSPORT
389 by 1941 - 442 in 1942 (795 Unscheduled)



75 AMPHIBIAN
4 by 1941 - 71 in 1942



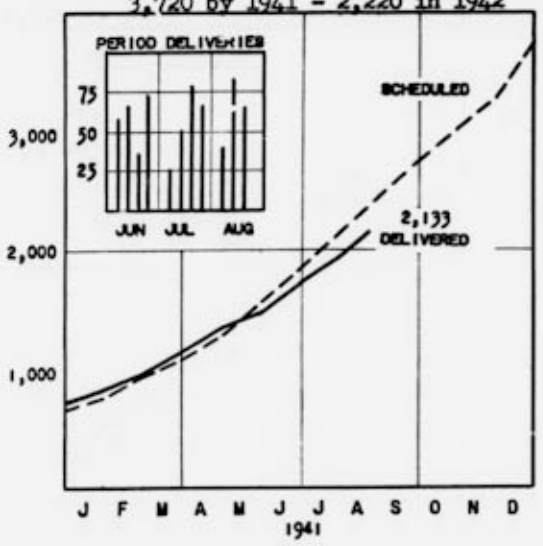
150 AMPHIBIAN
No schedule available



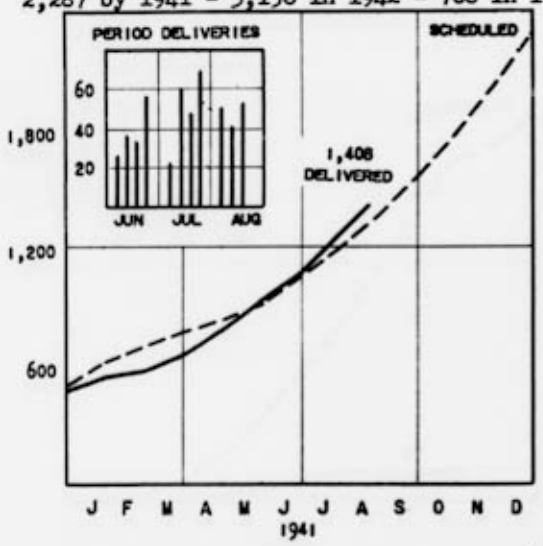
Statistics Branch
OUSW - 8-30-41

PROJECT AIRPLANES

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

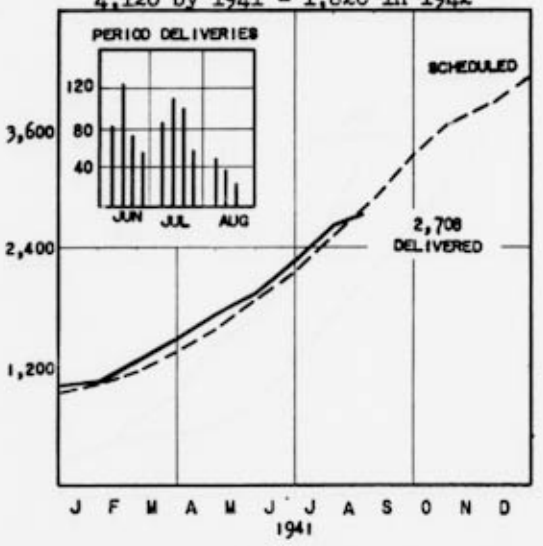


6,151 BASIC TRAINER
2,287 by 1941 - 3,156 in 1942 - 708 in 1943

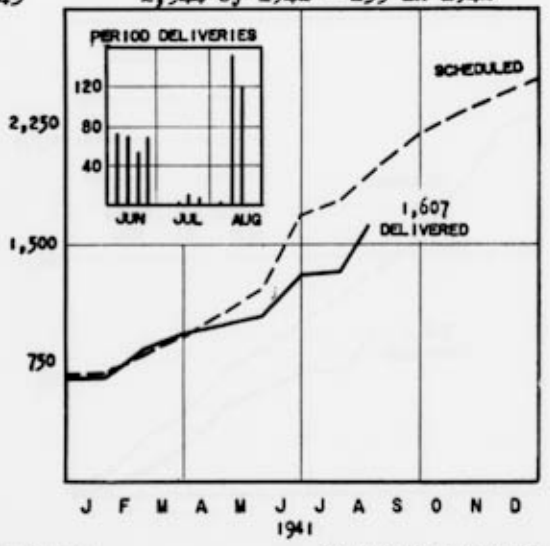


INSTALLATION ENGINES

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



2,679 BASIC TRAINER
2,544 by 1941 - 135 in 1942

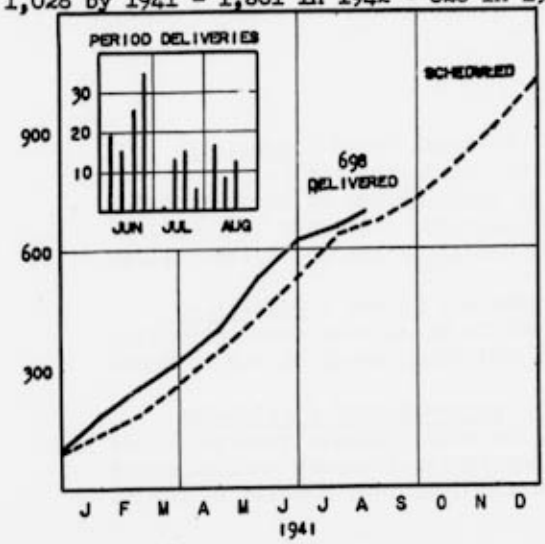


Statistics Branch
OUSW - 8-30-41

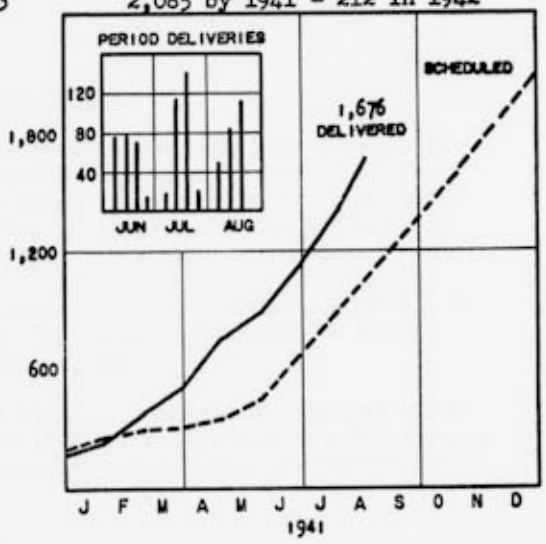
PROJECT AIRPLANES

INSTALLATION ENGINES

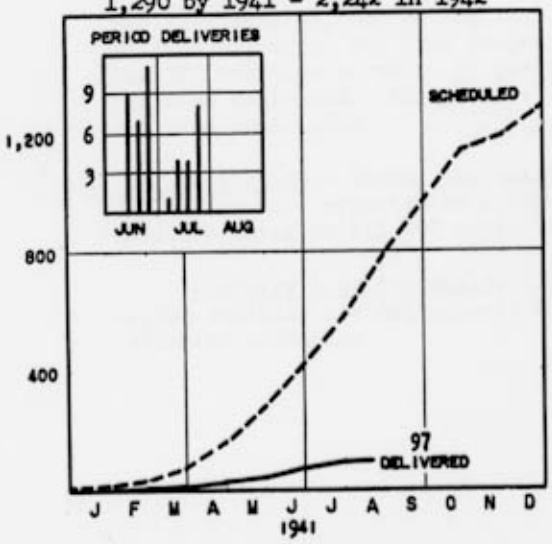
3,657 ADVANCE TRAINER, 1 ENGINE
1,028 by 1941 - 1,801 in 1942 - 828 in 1943



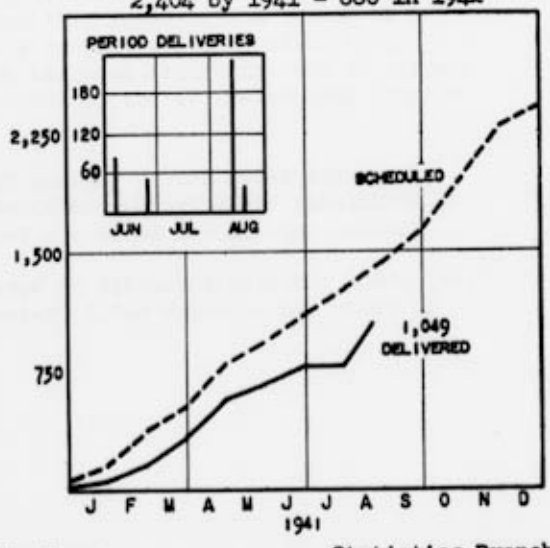
2,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 212 in 1942



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



3,064 ADVANCE TRAINER, 2 ENGINE
2,404 by 1941 - 660 in 1942



Air Corps
29

Statistics Branch
OUSW - 8-30-41

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - August 28, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

Contracts - As of August 8, contract awards have been made on 34 of 88 critical and essential items under 1942 appropriation. Of the total programs of the 88 items an average of 28 percent has been contracted. Of the total programs of the 34 items under the 175 million dollar Deficiency Appropriation 99 percent has been contracted.

Deliveries - During the quarter-monthly period ended August 8, deliveries were made on 32 of the 34 Deficiency Appropriation items and 2 of the 88 items under the 1942 program.

Schedules & Delinquencies - Of the 122 items being procured under the Deficiency Appropriation Act and 1942 funds, 9 items are delinquent; these include canvas leggings and serge trousers which are respectively 21 and 17 percent behind schedule.

MOTOR VEHICLES

Contracts - As of August 15, contracts have been awarded for 246,739 vehicles, obligating 1941 and 1942 funds to the extent of 327 million dollars. The 1941 program is currently estimated to total 244,372 vehicles of which 93 percent has been contracted and 58 percent has been delivered. Sixty-three percent of the estimated 1942 program has been contracted.

Deliveries - During the quarter-monthly period ended August 15, deliveries were reported on 4,296 vehicles, bringing the cumulative delivery total to 141,997 vehicles at a cost of 188 million dollars.

Schedules & Delinquencies - Based on estimated delivery schedules, 10,095 vehicles are delinquent; however, 6,908 vehicles are ahead of estimated schedules.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - August 28, 1941

Source: Statistics Branch, Office of the Quartermaster General

CONSTRUCTION

Contracts - As of August 15, contracts awarded total 1,294 million dollars, or 57 percent of total funds available; this low percentage results from the application of original estimates for fixed-fee contracts.

Construction in Place - Construction in place for the 535 emergency projects is 57 percent of the estimated cost of 2,184 million dollars.

Schedules and Delinquencies - Of the total projects, 127 are completed and 306 are on or ahead of schedule; these represent 76 percent of the total estimated completion cost. Sixty-eight projects, representing 10 percent of the total cost, are behind schedule and 34 projects, representing 14 percent of the total cost have not been started.

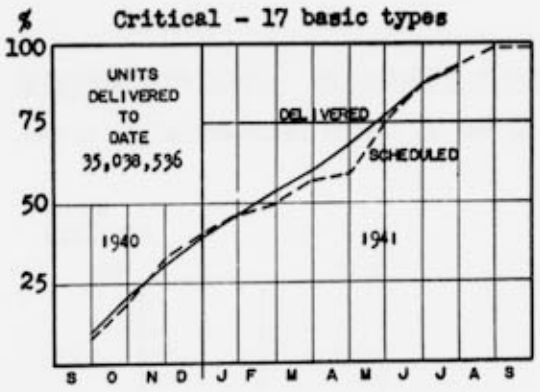
LABOR DIFFICULTIES - Strikes are currently affecting quartermaster procurement as follows:

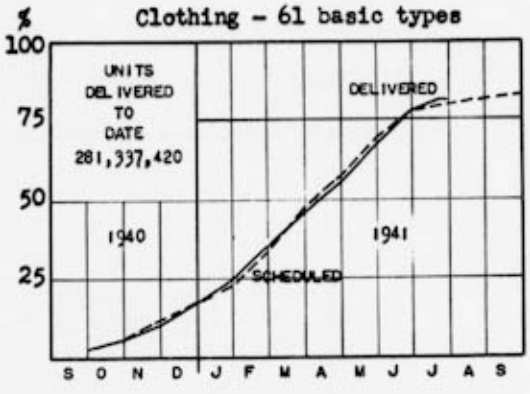
Item affected	Man days	Contractor's Name & Address
Building materials	265,000	U.S. Gypsum Co., Chicago, Ill.
Flannel & serge shirting	93,500	Arlington Mills, Lawrence, Mass.
Chrome iron,pipe,valves(Const)	13,500	Vogt Machine Co., Louisville, Ky.
Oil pressure gauges	8,800	U.S. Gauge Co., Sellersville, Pa.
Construction steel	5,600	Knoxville Iron Co., Knoxville, Tenn.
Drive shafts*	4,200	Mechanics Univ.Joint Co.,Rockford,Ill.
Motorcycle parts	3,120	Ertel Machine Co.,Indianapolis, Ind.

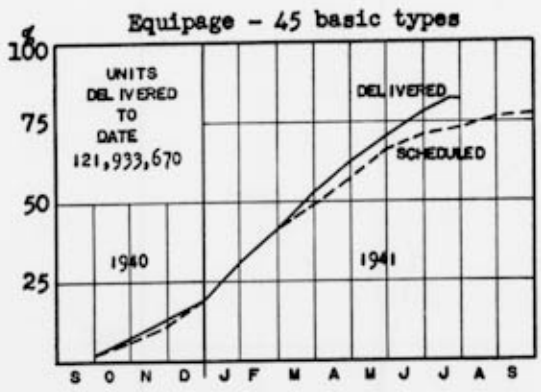
*Lack of item responsible for Fargo Corporation delinquency of 2,900 trucks (½ ton, 4x4) and stoppage of International Harvester's Defense Aid motor vehicle production.

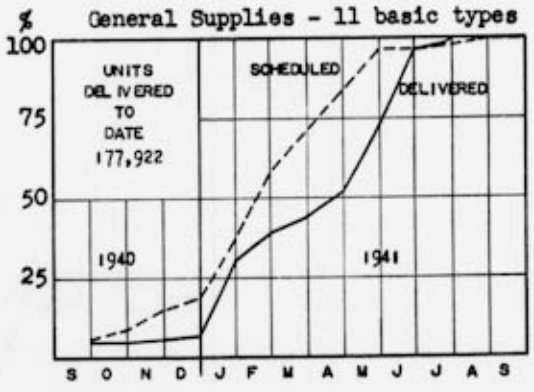
STATUS OF Q.M. PROCUREMENT - F.Y. 1941 - Aug. 8, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

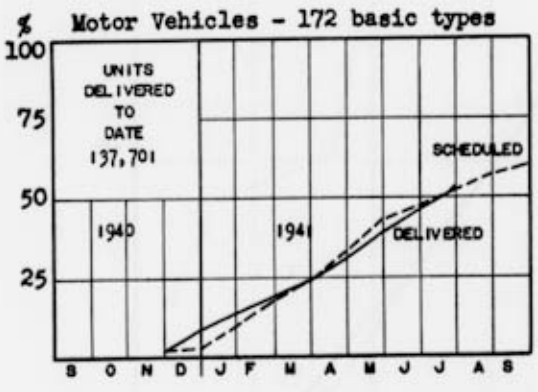
Source of Information: Statistics Branch, Office of the Quartermaster General.

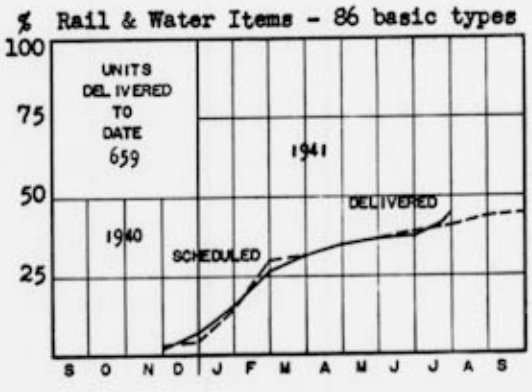








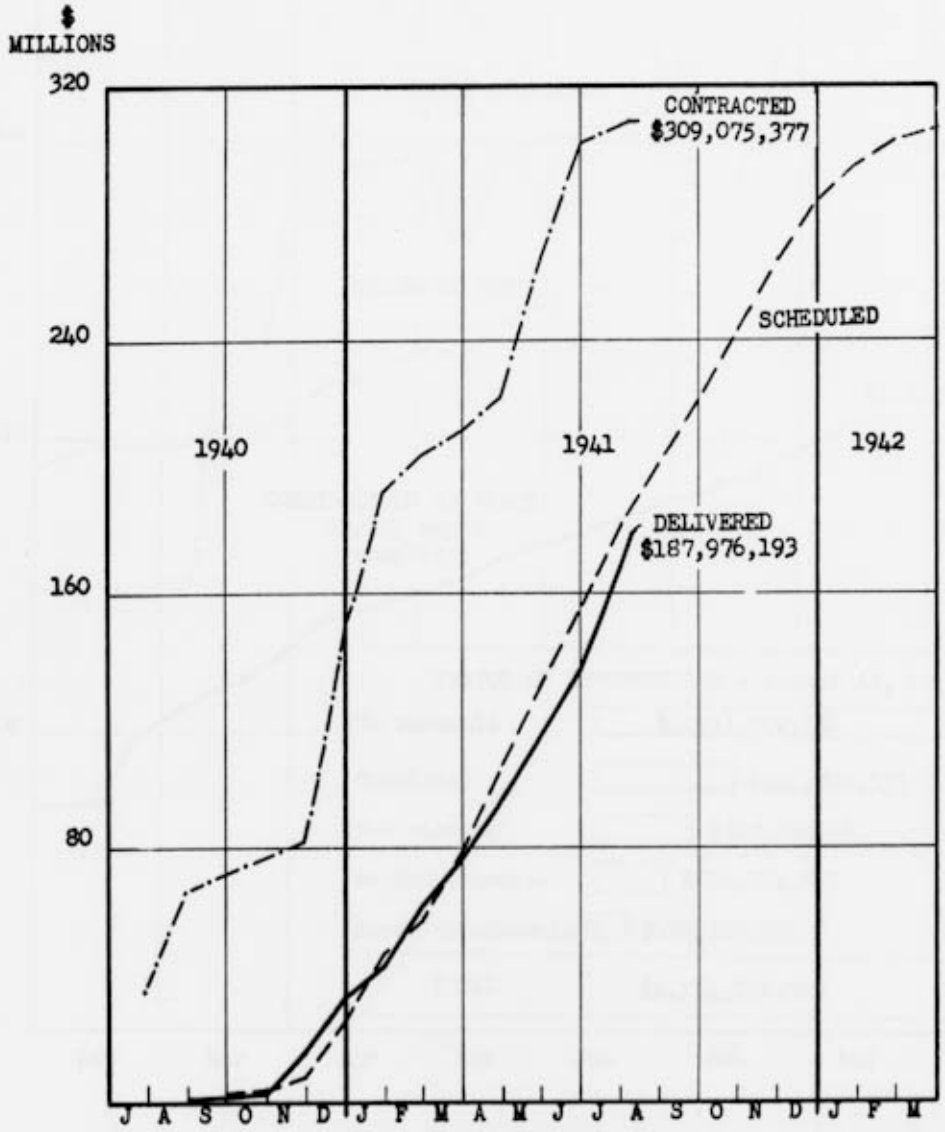




Statistics Branch
OUSW - 8-30-41

QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM August 15, 1941

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

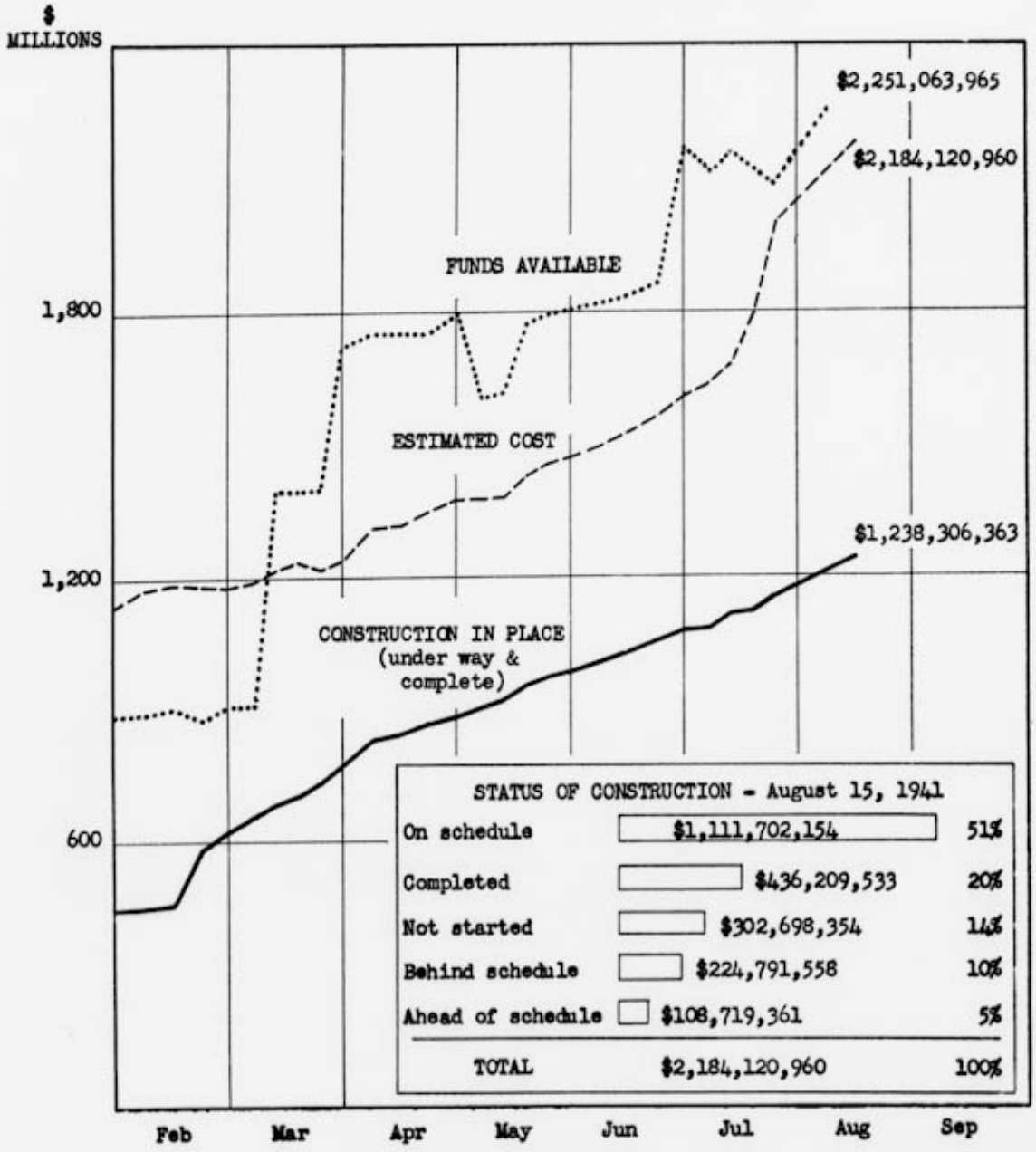


Quartermaster Corps

Statistics Branch
OUSW - 8-30-41

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

Source: Construction Division, Office of the Quartermaster General



Statistics Branch
OUSW - 8-30-41

DIAGRAM - Q. M. C. CONSTRUCTION - AREA REQUIREMENTS & AVAILABILITY

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

New facility	Requirements		Percent available
	Sq. ft. (MILLIONS)	Percent of total	
Barracks	67.8	31.3	92
Warehouses & Storehouses	26.5	12.2	48
Tent Frames	22.3	10.3	98
Mess Halls & Cafeterias	17.8	8.2	93
Hospitals	15.6	7.2	85
Recreational Facilities	13.3	6.1	68
Officers Quarters	8.7	4.0	92
Adm. & Maint. Bldgs.	4.8	2.2	78
Chapels	2.3	1.1	3%
Laundries	1.6	.7	91
Miscellaneous	36.1	16.7	63
TOTAL	216.8	100	79

Statistics Branch
OUSW - 8-30-41

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AUGUST 23, 1941

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

This report pertains to the progress being made on the procurement of ground signal equipment.

PROGRAM figures include both F.Y. 1941 and F.Y. 1942 procurement, but do not include items on the recently approved First Supplemental F.Y. 1942 procurement program.

DELIVERIES of ground radios last week totaled 177 sets compared with 101 sets received in the previous weekly period. Of the sets delivered, 64 were of two types upon which no previous deliveries have been made. Reports from the Signal Corps indicate an improvement in radio deliveries next week. Many sets have been delayed by shortages of minor parts which are beginning to come through in volume.

Deliveries of ground equipment, other than radio sets, are now being made in fair volume although several of these items remain appreciably behind schedules.

DELINQUENCIES - Out of 41 critical items of ground equipment upon which deliveries are due, a total of 25, or 62%, are behind schedules. Of these delinquent items, 13 are radio sets of various types and aggregate 5,970 units. There are 4,720 of these sets reported as being complete and ready for delivery except for certain minor parts and accessories. Shortages of raw materials in the hands of contractors are responsible for a large percentage of these delinquencies. Corrective action is producing results and marked improvement in radio deliveries is anticipated.

LABOR DIFFICULTIES - No strikes directly affecting Signal Corps procurement were reported on August 27.

REQUIREMENTS -- SIGNAL CORPS MATERIEL -- AUGUST 23, 1941

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

This table indicates the present relationship between quantities of selected critical items now in stock and in hands of troops and the quantities of these items required to initially equip an army of 1,725,000 men. Dates when the requirements of these items are scheduled to be met are also shown.

Item	Initial Requirements 1,725,000 men	On hand	%	Percent of Requirements 0 20 40 60 80 100	Date
RADIO COMMUNICATION-GROUND					
Radio set SCR-210	66	352	533		6/40
Charging set SCR-169	397	1,027	259		4/41
Head & chest set HS-19	15,458	27,147	176		2/41
Radio sets (SCR-131,161, 171,288)	1,028	1,756	171		7/40
Radio sets (SCR-194,195)	5,264	7,618	145		8/41
Frequency meter set SCR-211*	5,454	4,846	89		10/41
Radio set SCR-203	202	153	76		9/41
Test sets I-56 & I-87	2,281	1,380	61		9/42
Radio set SCR-206	94	48	51		6/41
Radio set SCR-188	482	213	44		10/41
Radio set SCR-193	1,332	591	44		9/41
Radio set SCR-243	40	17	43		6/41

* Includes aircraft requirements

-Continued-

Statistics Branch
OUSW - 8-30-41

REQUIREMENTS - SIGNAL CORPS MATERIEL - AUGUST 23, 1941

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

RADIO COMMUNICATION-GROUND (Continued)

Item	Initial Requirements 1,725,000 men	On hand	%	Percent of Requirements 0 20 40 60 80 100	Date
Radio set SCR-197	278	88	32		12/41
Radio set SCR-177	441	130	29		12/41
Radio set SCR-178	597	133	22		7/41
Radio set SCR-245	3,572	506	14		7/41
Antenna equipment RC-63	1,030	0	0		11/41
Transmitter tuning unit TU-25	1,609	0	0		a/
MISCELLANEOUS EQUIPMENT					
Aircraft warning devices	444	268	60		1/43
Interphones (vehicular)	756	433	57		6/41
Signal lamp equipment EE-84	850	409	48		10/41
Flash ranging set GR-4	12	2	17		9/41
Sound ranging set GR-3-C	24	2	8		7/42
Converter M-134	328	10	3		b/

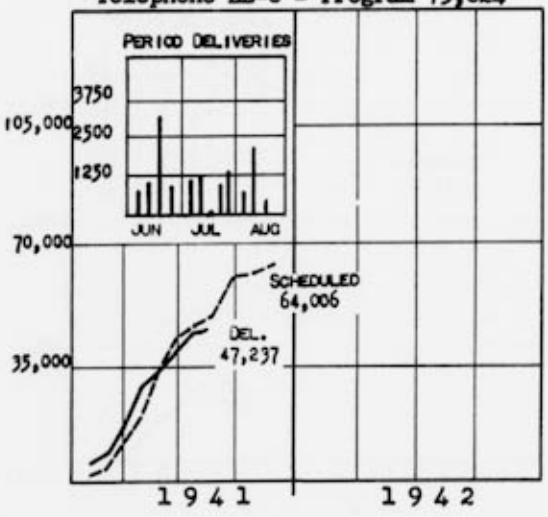
a/ Not under contract

b/ 322 Under contract

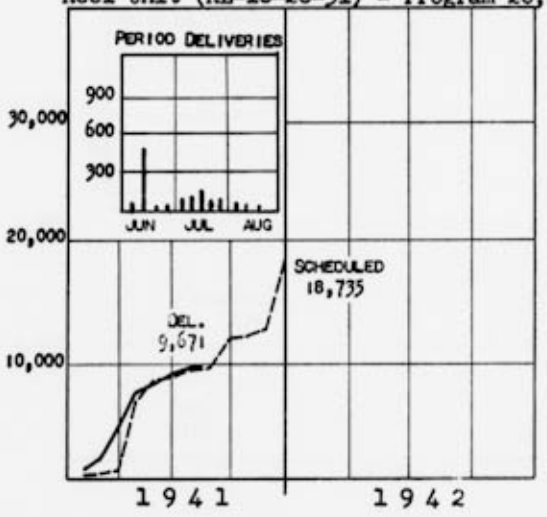
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - AUG. 23, 1941

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

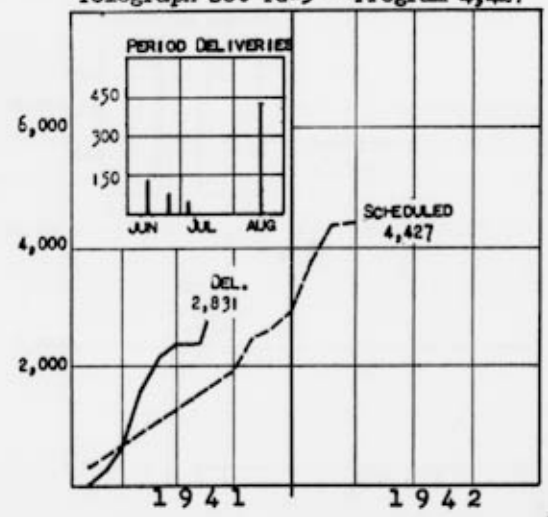
Telephone EE-8 - Program 75,624



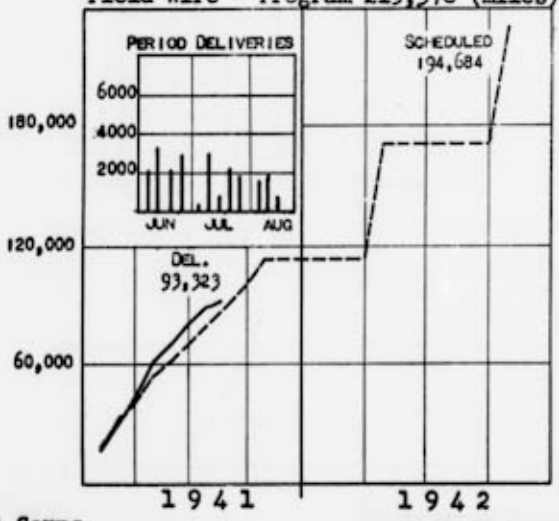
Reel Unit (RL-16-26-31) - Program 20,275



Telegraph Set TG-5 - Program 4,427



Field Wire - Program 215,378 (miles)

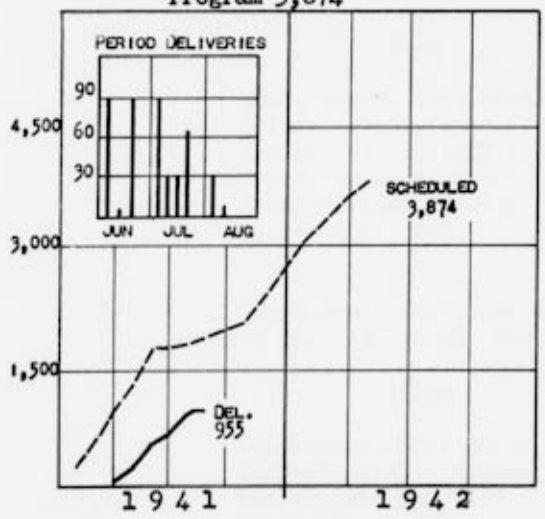


Statistics Branch
OUSW - 8-30-41

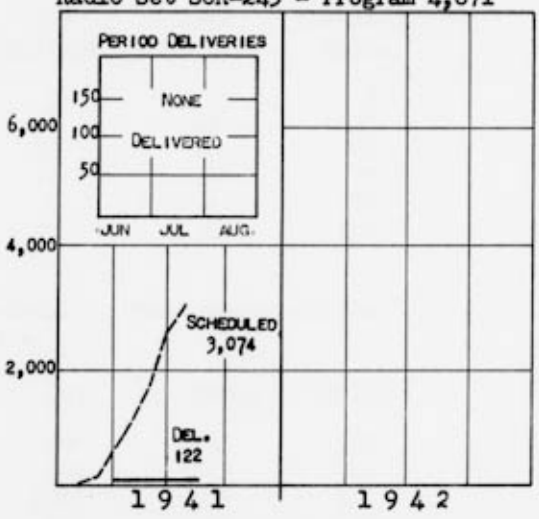
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT - AUG. 23, 1941

SOURCE OF INFORMATION: Supply Division, Office of the Chief Signal Officer

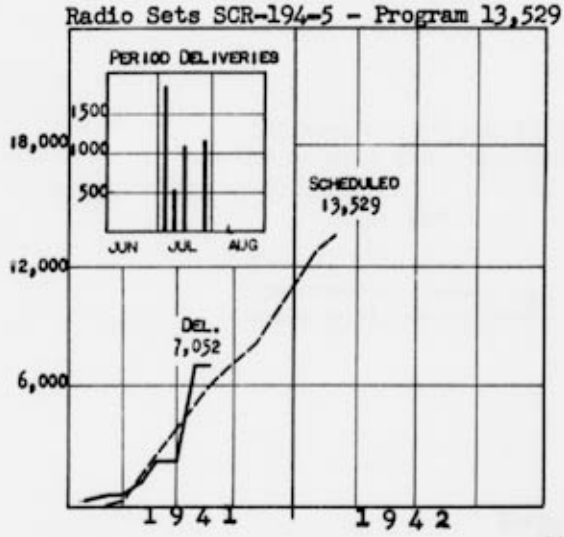
Frequency Meter Set SCR-211
Program 3,874



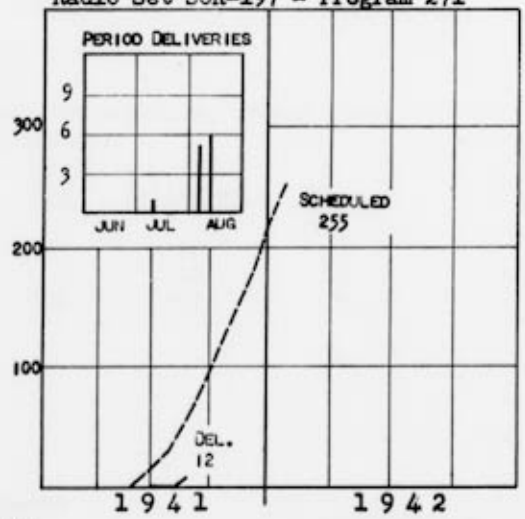
Radio Set SCR-245 - Program 4,671



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



Radio Set SCR-197 - Program 271



Statistics Branch
OUSW - 8-30-41

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

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

The term "total program" as used in the Corps of Engineers' section of this report refers to the cumulated total of the fiscal years 1941 and 1942 programs.

All items for which contracts have been let under the fiscal year 1942 program are shown in the following table:

Item	1941 contracts	1942 contracts	Cumulated total
Boat, power, with trailer	0	2	2
Bridge, steel, port., H-10	86	43	129
Bridge, steel, port., H-20	42	20	62
Crane, truck-mounted	51	26	77
Ponton bridge, 25-ton	71	5	76
Searchlight, 24"	90	36	126

There are seven items behind schedule. These items and the amounts due, delivered, and behind are:

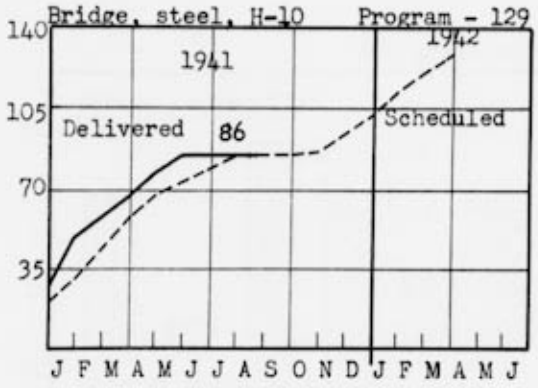
Item	Due	Delivered	Behind
Compressor, air, mtzd.	890	793	97
Electric light. equip., 5 kva	166	117	49
Hammer, gas-operated	1063	963	100
Searchlight, 18"	160	105	55
Searchlight, 60"	1288	1172	116
Stereoscope, mirror	981	951	30
Trailer for 60" S/L	1625	130	1495

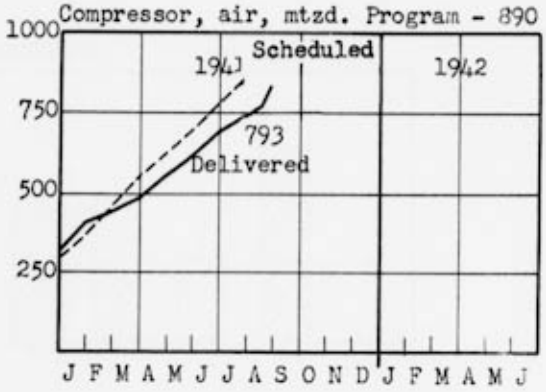
Deliveries of three items are ahead of schedule. These items and the amounts due, delivered, and ahead are:

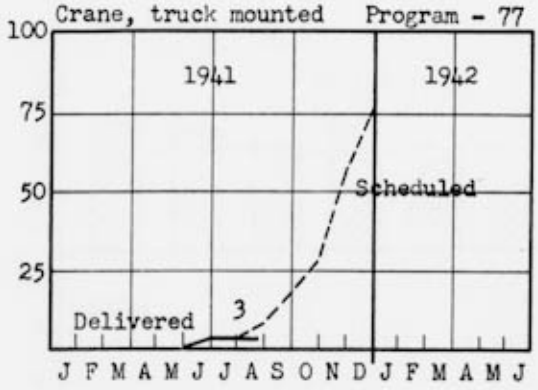
Item	Due	Delivered	Ahead
Shovel, 1/2-yard	57	58	1
Stereoscope, lens-prism	2	46	44
Water puri. unit, port.	332	337	5

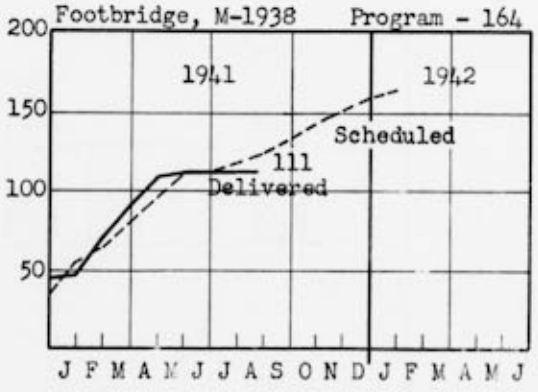
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH AUGUST 23, 1941

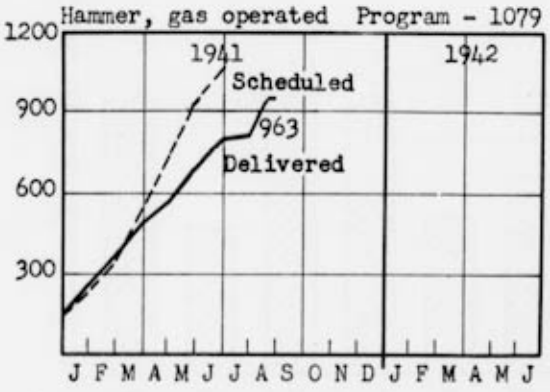
Source of Information: Office of the Chief of Engineers











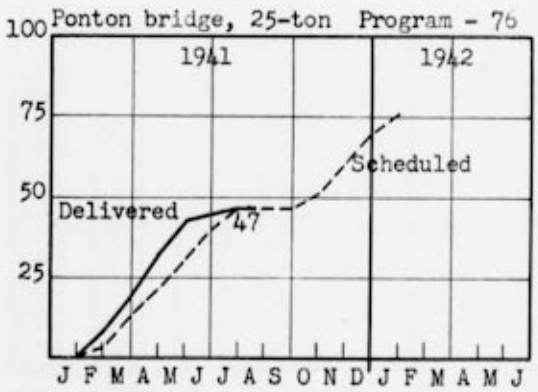
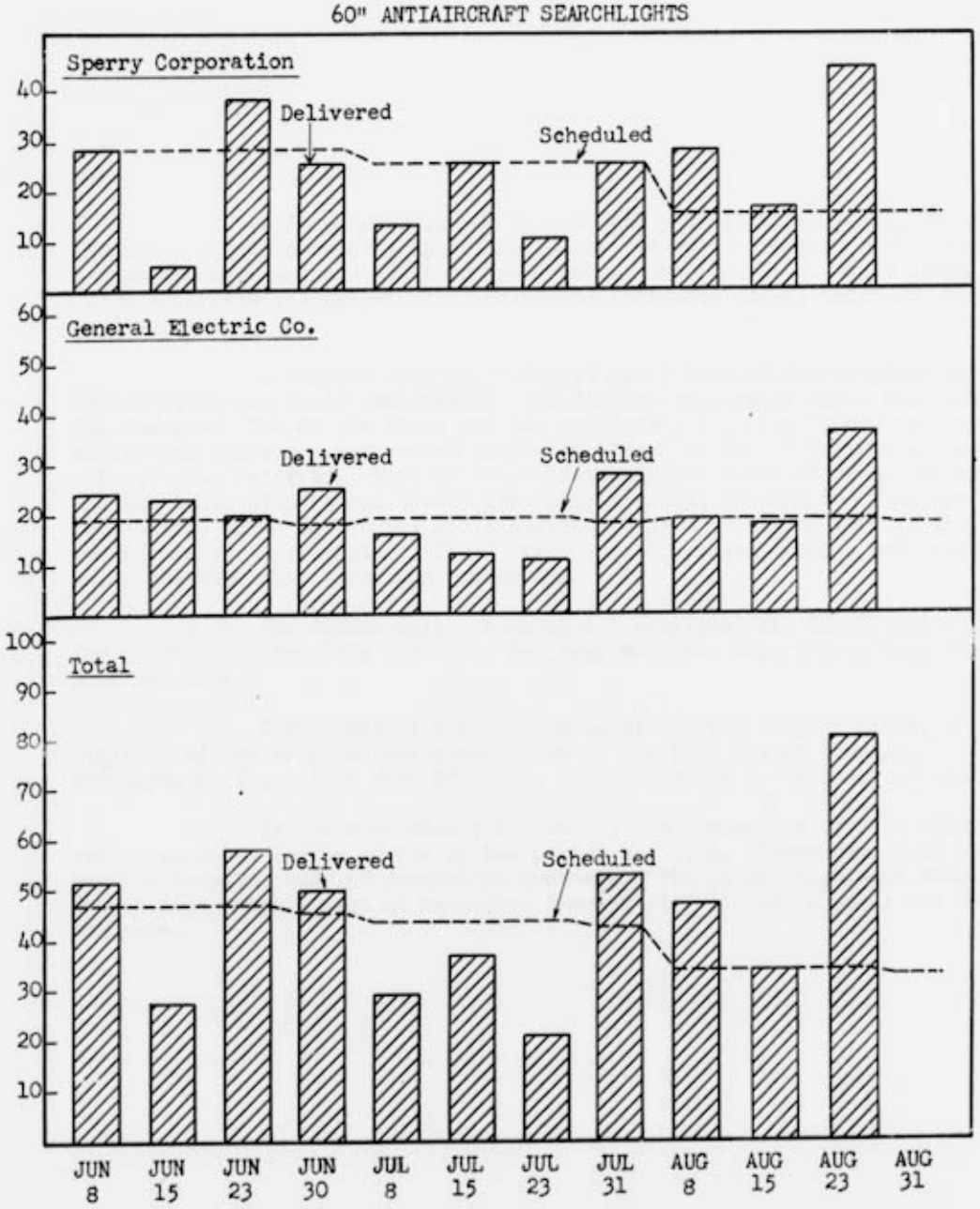


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH AUGUST 23, 1941

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

60" ANTIAIRCRAFT SEARCHLIGHTS



Corps of Engineers

Statistics Branch
OUSW - 8-30-41

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED AUGUST 30, 1941

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

A diagram published in the Weekly Statistical Report No. 5 (August 2, 1941) showed forty critical items as not completely contracted. A similar diagram, page 45, four weeks later, shows eight of these items fully contracted; nineteen with additional contracts added; thirteen with no change.

A similar diagram in Report No. 5 covered twenty-seven selected items not fully contracted. The diagram on page 46 shows the following changes: Two of the items are now completely contracted, and seven additional items are considered completed though copies of contracts have not yet been received. Five of these latter (three sizes of Gauze Bandages and two types of Surgical Gauze) are being procured through the Treasury Department, while Bath Robes and Blankets are being procured through the Quartermaster Department. Fifteen items have increased amounts contracted while the remaining three are unchanged.

The Zimmer Splint Company has completed its final contract for 12,000 Aluminum Pole Litters. Delivery was less than thirty days behind schedule.

The strike at the Richter Manufacturing Company plant, a division of the surgical instrument firm of the Fred Haslam Company, Brooklyn, N. Y., called June 25, 1941, was settled at 4 P.M., August 21.

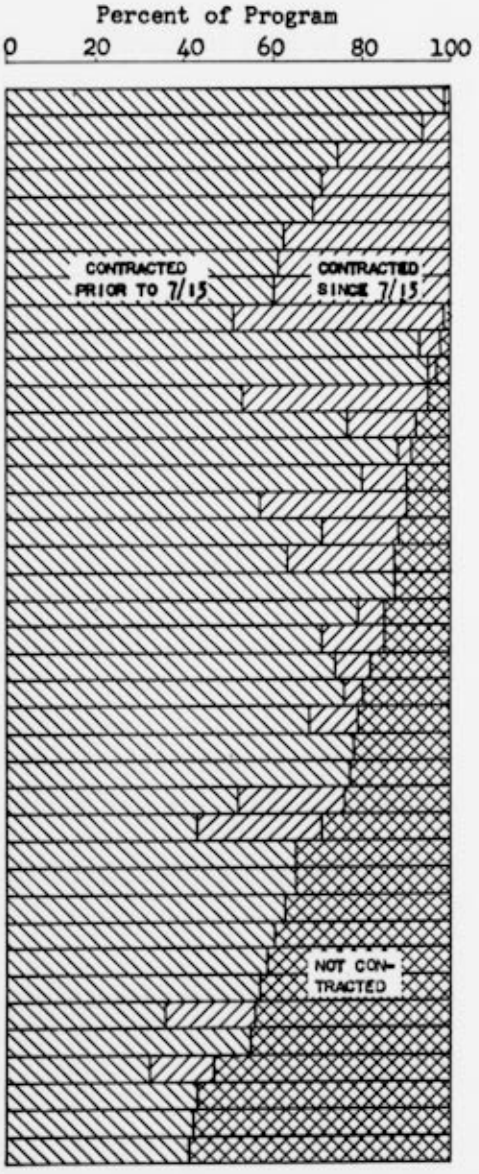
In the week ending August 21, the percentage of sick within the continental limits of the United States was 3.74. There were 3.18 percent in hospital and .56 percent in quarters. The rather high rate results from troops being absent at maneuvers leaving sick behind in posts and cantonments.

MEDICAL DEPARTMENT - CRITICAL ITEMS - 1941 PROGRAM NOT CONTRACTED - AUGUST 15, 1941

Source of Information: Medical Department Procurement Progress Reports

This diagram is designed to show progress in the amount of the 1941 program contracted since July 15, 1941.

Item	% OF PROGRAM CONTRACTED 7/15	% OF PROGRAM CONTRACTED 8/15	% OF PROGRAM NOT CONT.
Sterilizer, hospital, instrument	99	100	-
Packet, first aid	94	100	-
Forceps, intestinal, Doyen, str.	75	100	-
Forceps, intestinal, Doyen, curved	71	100	-
Chest, field, modified	69	100	-
Chest, field, plain	62	100	-
Forceps, hemo., Halstead, mosquito, str.	61	100	-
Scissors, 1-point sharp, 4½"	60	100	-
X-Ray, field unit, mobile	51	99	1
Forceps, sponge	93	98	2
Sterilizer, hospital, dressing	95	97	3
Holder, needle, Hegar-Mayo	53	95	5
Forceps, towel, 5¼"	77	92	8
Machine, radiographic, fluoroscopic	88	91	9
Forceps, hemo., Rochester-Pean, curved	80	90	10
Forceps, bone, rongeur, 7"	57	90	10
Forceps, hemo., Rochester-Ochsner, 6½", str.	71	88	12
Retractor, abdominal, self-retaining	63	87	13
Forceps, tissue, Allis	87	87	13
Forceps, kidney, curved	79	85	15
Scissors, iris, angular	71	85	15
Scissors, nasal, angular	74	82	18
Forceps, hemo., Rankin-Kelly, str.	76	80	20
Forceps, hemo., Rochester-Ochsner, 7¼", str.	68	79	21
Forceps, hemostatic, Abbey	78	78	22
Forceps, towel, 3"	77	77	23
Forceps, bone, rongeur, 10¼"	52	76	24
Scissors, tonsil	43	71	29
Scissors, bandage	65	65	35
Forceps, bone-cutting, str., heavy	65	65	35
Knife, operating, 1¼" blade	63	63	37
Retractor, tissue, nested	60	60	40
Forceps, tissue, spring, 4½"	59	59	41
Forceps, cystic duct	57	57	43
Scissors, dissecting, curved, 5½"	36	56	44
Forceps, tissue, spring, 5½"	55	55	45
Scissors, suture	33	47	53
Scissors, double-blunt, 5½"	43	43	57
Scissors, dissecting, straight, 5½"	42	42	58
Scissors, 1-point sharp, 5½"	41	41	59

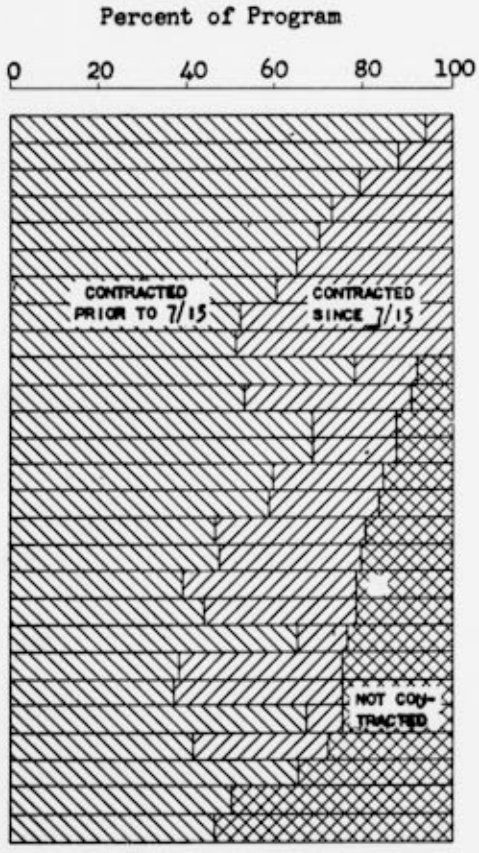


MEDICAL DEPARTMENT - SELECTED ITEMS - 1941 PROGRAM NOT CONTRACTED - AUGUST 15, 1941

Source of Information: Medical Department Procurement Progress Reports

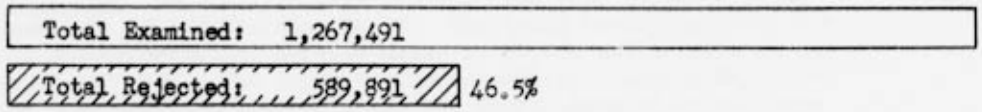
This diagram is designed to show progress in the amount of the 1941 program contracted since July 14, 1941.

Item	% OF PROGRAM CONTRACTED 7/15	% OF PROGRAM CONTRACTED 8/15	% OF PROGRAM NOT CONT.
Pillow, feather	95	100	-
Cotton, absorbent, roll	88	100	-
Robe, bath	79	100	-
Gauze, plain, 100 yards	73	100	-
Bandage, gauze, roller, 4"	70	100	-
Bandage, gauze, roller, 2"	65	100	-
Blanket, white	60	100	-
Gauze, plain, 25 yards	52	100	-
Bandage, gauze, roller, 3"	51	100	-
Needle, intestinal, size 1½" straight	78	92	8
Thermometer, clinical	53	91	9
Needle, surgeon's regular, size 6	68	87	13
Needle, uterine, size 5, ½-circle	68	87	13
Needle, eye, size 4, 3/8-circle	59	84	16
Needle, eye, size 4, ½-circle	58	83	17
Needle, intestinal, size 3, ½-circle	46	80	20
Needle, uterine, size 7, ½-circle	47	79	21
Needle, surgeon's regular, size 20	39	78	22
Needle, uterine, size 1, ½-circle	44	78	22
Needle, surgeon's regular, size 8	65	76	24
Needle, catgut, size 2, ½-circle	38	75	25
Needle, surgeon's regular, size 12	38	75	25
Cotton, absorbent, compressed	67	75	25
Needle, catgut, size 4, ½-circle	41	71	29
Dressing, first aid, small	65	65	35
Splint set, case, empty	50	50	50
Dressing, first aid, large	46	46	54



MEDICAL DEPARTMENT - DRAFT REJECTIONS FOR PHYSICAL AND MENTAL DEFECTS - MARCH 31, 1941

Source of Information: Division of Research and Statistics, Selective Service System



Cause	Rejections: Thousands of Men	Rejections: Percent of Total
Teeth	114	19.3
Eyes	62	10.5
Cardiovascular	59	9.9
Musculo-Skeletal	49	8.3
Mental and Nervous	47	8.0
Venereal Diseases	32	5.4
Ears, Nose, & Throat	26	4.4
Hernia	25	4.2
Lungs	23	4.0
Feet	18	3.1
Other Causes	135	22.9

Statistics Branch
OUSW - 8-30-41

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS AUGUST 22, 1941

Source of Information: Chemical Warfare Service Reports

PRODUCTION: The Chemical Warfare Service reports a slight increase in its production of Chemical Warfare materiel as compared with the figures reported last week.

GAS MASKS: Delivery reports for the week show 17,244 Service Masks and 10,380 Training Masks. The total weekly capacity for all plants producing Service Masks is 80,000 units based on one shift per week. The capacity for assembling Training Masks on the same basis is 120,000 units per week. Lack of orders prevent the utilization of full capacities.

No Optical Masks were delivered. A shortage of lenses is delaying the production of the remaining 791 units required to complete all 1941 contracts.

GAS MASK REPAIR KITS: There were 491 Regimental Gas Mask Repair Kits delivered. The total deliveries against existing contracts amount to 2,207 Repair Kits or 74 per cent of the units placed under contract.

PROTECTIVE OINTMENT: Production of Protective Ointment by Wallace Tierman amounts to 106,752 three-ounce tubes. This delivery completes 74 per cent of the amount that is placed under contract.

IMPREGNITE "I": The production of Impregnite "I" at Edgewood Arsenal amounts to 12.2 tons; however, only 6.72 tons were accepted and the remaining tons are still undergoing inspection.

WHITE PHOSPHORUS: It is reported that there were 53.25 tons of White Phosphorus delivered during the week covered by this report.

VARIOUS DELIVERIES: There were 850 Irritant Candles delivered. The total deliveries now amount to 73 per cent of the entire program. A delivery of 625 Dust Respirators completes 64 per cent of the existing contracts.

The Hooker Electrochemical Company delivered 2 tons of Demustardizing Agent (Bleach). There were 17,045 additional gallons of Non-corrosive Demustardizing Agent delivered bringing the total deliveries to 34,090 gallons.

GAS MASKS

Status of 2,800,000 Man Program as of July 31, 1941

Source of Information: Chemical Warfare Service

	GAS MASKS, SERVICE (Complete)	GAS MASKS, DIAPHRAGM (Complete)	GAS MASKS, OPTICAL (Complete)
PROGRAM			
1. Total requirements	3,201,175	1,241,972	66,451
2. Deferments	304,528	131,873	0
3. Total financed requirements	2,896,647	1,110,099	116,623
4. On hand, June 30, 1940	494,074	0	0
5. On order or to be ordered under financed program, June 30, 1940	2,402,573	1,110,099	116,623
CONTRACTS			
6. On order, June 30, 1940	478,671	389,425	38,943
7. Contracts awarded since June 30, 1940	1,923,902	720,744	77,680
8. To be contracted for from available funds (5 minus sum of 6 and 7)	0	0	0
9. Contracts awarded during this month	0	0	0
10. On order, end of this month	599,681	196,874	23,180
11. Average unit cost, current procurement program (approximate)	$ 7.70	$11.00	$11.00
INVENTORY			
12. On hand, end of preceding month	1,983,542	874,461	81,043
13. Receipts during this month	113,424	38,764	12,400
14. Losses during this month	0	0	0
15. On hand, end of this month	2,096,966	913,225	93,443
16. On hand, suitable for purpose indicated, end of this month	2,096,966	913,225	93,443

PROCUREMENT PROGRESS
REQUIREMENTS FOR 1,725,000 MEN
SELECTED CRITICAL ITEMS

Source of Information: Chemical Warfare Service — August 22, 1941

	Requirement	Percent Delivered
Antidim, Set	343,213	100
Repair Kit, Co.	25,382	100
Mask, Gas, Optical	61,032	100
Candles, D.M.	6,294	100
Cylinders, Portable	1,705	100
Alarm, Gas	38,948	100
Mask, Gas, Service	1,983,555	100
Mask, Gas, Diaph.	773,667	100
Decntm. Equip. 3 gal.	48,174	100
Repair Kit, Reg.	3,254	75
Canister, Service	638,297	54
Shells, C.M. 4.2"	35,200	35
Shells, L.P.	36,600	35
Canister, Diaphragm	272,350	29
F.S. (Smoke) tons	895	29
Canister, Optical	40,270	20
Container, Steel	29,068	18
Mustard Gas (ton)	22,111	16
Decntm. Equip. 1½ qt.	104,744	15
Impregnite I (ton)	5,739	8
W.P. (Smoke)(ton)	11,744	8
Agent, Bleach(ton)	1,164	8
Ointment Prot. tube	6,993,108	3
Agent, Non-corr.(gal.)	1,364,314	2
Impregnite Shoe (ton)	4,796	1
Field Lab.	5	0
Airplane Tank M10	22,840	0
Collective Prot. M1	974	0
Airplane Tank M20	940	0
Airplane Tank M21	940	0
Canister, Coll. Prot.	12,105	0
Equip. Decntm. Power	371	0
Curtain, Gasproof	320,564	0



TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH AUGUST 23, 1941

Source of Information: Office, Chief of Coast Artillery

BARRAGE BALLOON PROCUREMENT

Reports on the status of Barrage Balloon Procurement are received in this office monthly. The latest available information is as of July 31, 1941 and appeared in our report last week. Further information will be presented as soon as it is received by this office.

SUBMARINE MINE EQUIPMENT

Since the end of last January this item has remained ahead of schedule. The present delivery figure was not scheduled to be reached until the end of next October; therefore the item is 2½ months ahead of schedule. Total completion of this item is scheduled for April, 1942. The present status is shown in the table below.

Item	Current Program	Actual, August 23		Percent	
		Due	Delivered	Due	Delivered
Submarine Mine Equipment	197	112	144	57	73

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personal
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War

September 6, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copy No. 10 of the Weekly Statistical Report Summary.

R L P. Pett

SECRET

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

BF
War

WEEKLY STATISTICAL REPORT

No. 10

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

SUMMARY

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OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

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U. S. GOVERNMENT PRINTING OFFICE 917165

WEEKLY STATISTICAL SUMMARY
REPORT NO.10
SEPTEMBER 6, 1941

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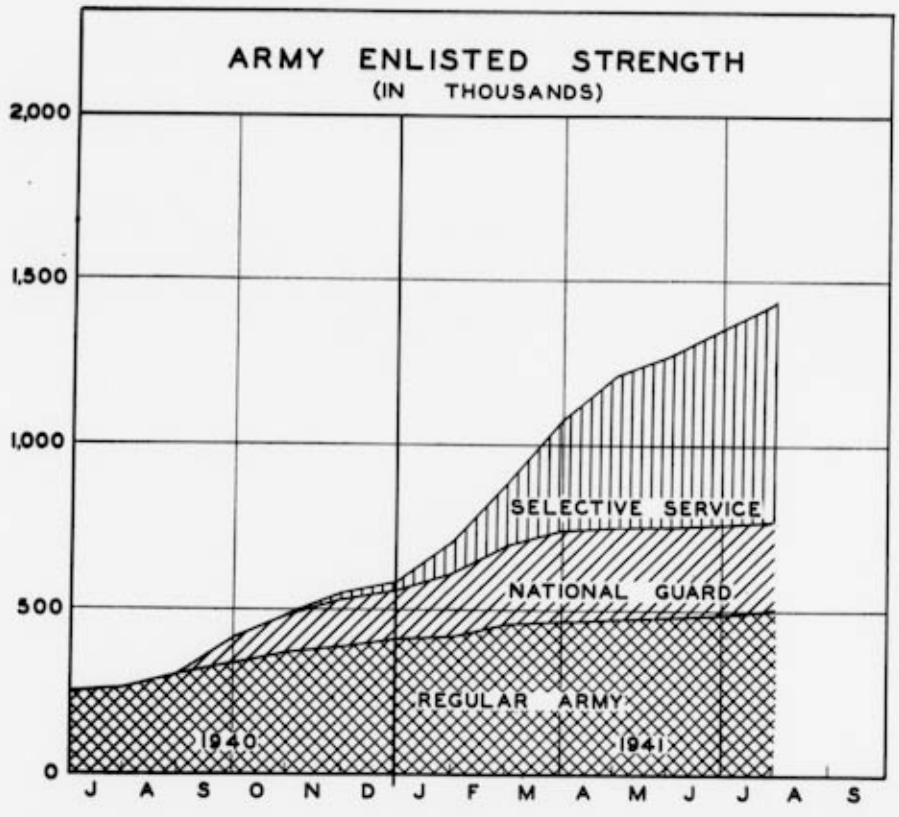
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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to August 27, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug 27	1,472,000
Sep	407,613	Mar	1,068,030		
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,348,004		

Source of Information: Statistics Branch, General Staff, September 4, 1941

Statistics Branch
OUSW - 9-6-41

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Sept. 3, 1941

The Supply Priorities and Allocations Board has been extensively discussed, but the general inclination seems to be to withhold judgment for the time being. A considerable number of the commentators has long believed that defense organization under a single authority is desirable.

Criticism of the defense program is less than last week, but still in the high ranges. The commentators not only deplore the slowness of the defense output, but they have shown a growing disposition to believe that the whole program of defense and aid to Britain has been conceived on too small a scale. Principal factors delaying defense output are stated to be: the nature of the defense organization, the Administration labor policy, slowness in placing contracts and sub-contracts, continued encouragement of business as usual, and the promotion of reforms.

Concern about labor problems has increased. The majority of the commentators believes that problems arising from the Kearney strike involve such fundamental issues that Government participation in their decision is essential. The importance of this decision is repeatedly emphasized. The majority is against employer maintenance of union membership, whether the employer be private enterprise or the Government.

There is renewed interest in economic matters this week, but the interest is in questions relating to the tax bill rather than in problems of price control.

TABULAR SUMMARY

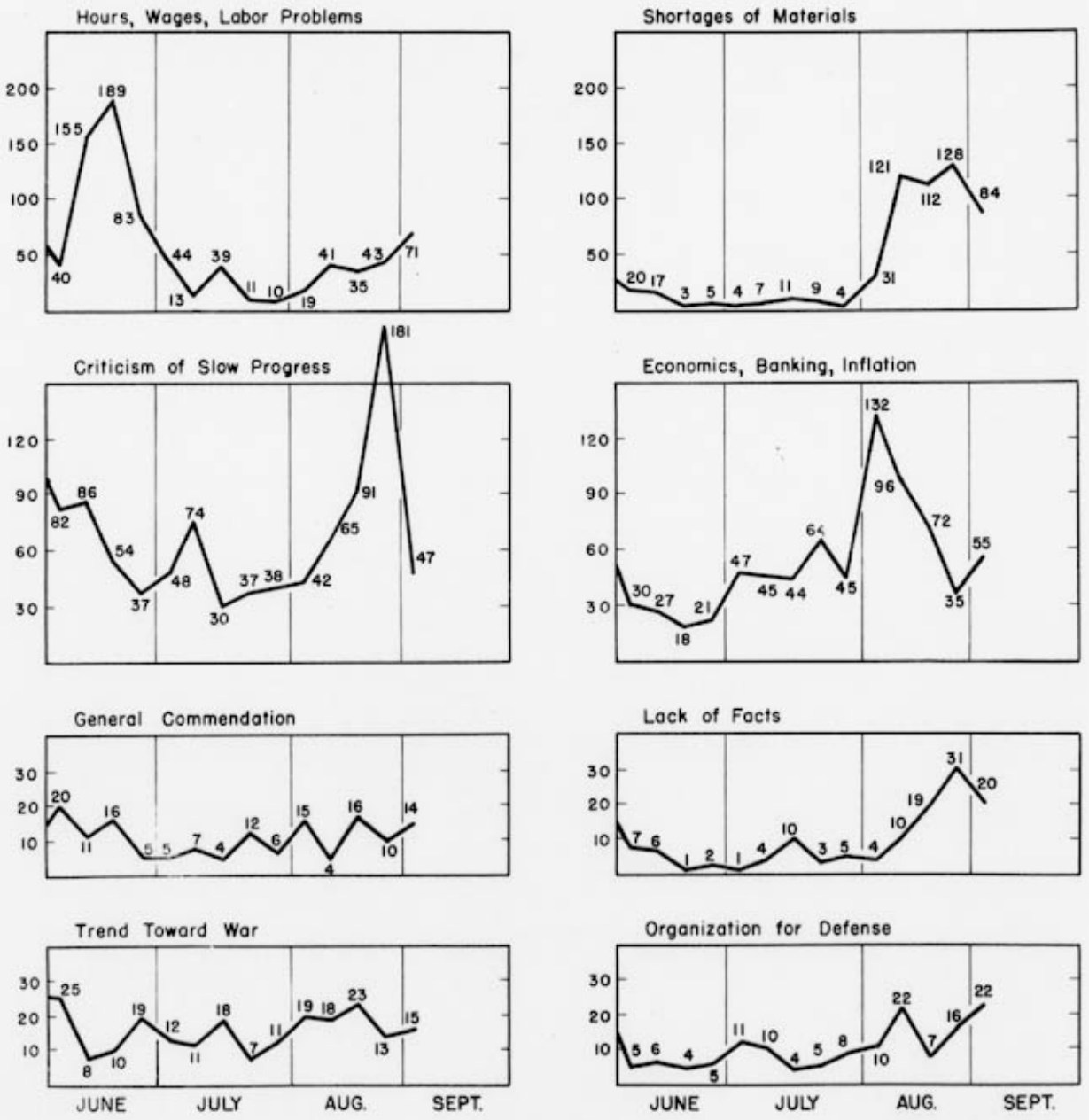
GENERAL CRITICISM	Tallies
Defense organization	7
Govt. leadership	2
Gasoline conservation	8
For an investigation	5
Arms production slow	29
Aid for Britain slow	7
Reforms interfering	4
Business as usual	5
Training material lack	7
Public morale neglected	1
Material needs ignored	2
Camp morale neglected	1
Defense planning poor	16
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EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company



INTERCITY DIFFERENCES IN COST OF LIVING

Living costs vary widely among the large cities in the United States. The index numbers shown below represent the cost of living for a worker's family of four, on a base of the cost in Washington, D.C., as 100.

Source of Information: Bureau of Labor Statistics

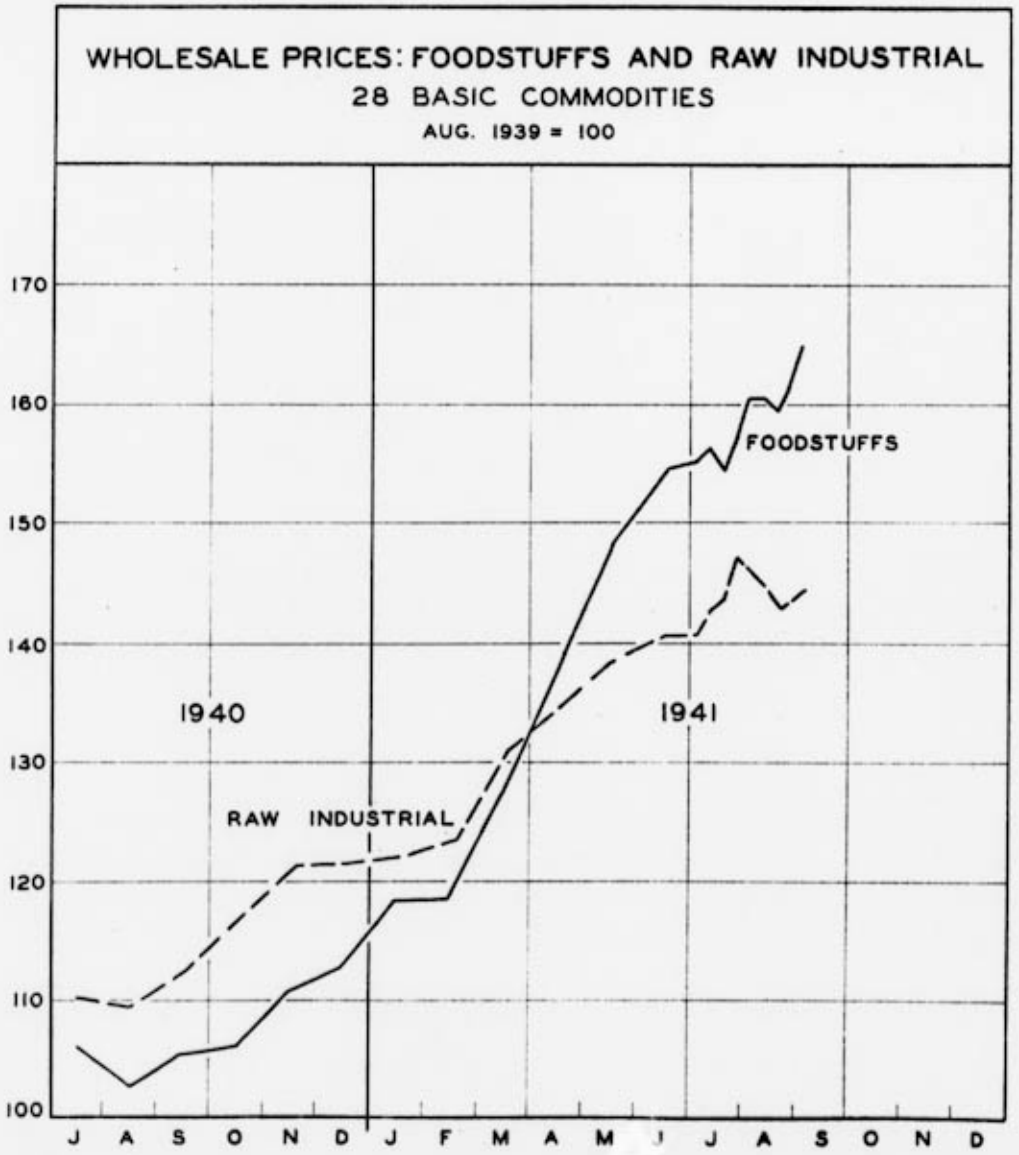
City	Total	Food	Clothing	Housing	Fuel electricity and ice
New York	101.2	107.3	96.4	88.0	106.2
Washington	100.0	100.0	100.0	100.0	100.0
San Francisco	98.6	101.7	100.5	81.4	74.0
Chicago	98.1	99.4	92.5	84.0	112.7
Detroit	98.1	98.2	97.5	89.3	102.4
Boston	95.9	98.1	98.6	74.1	121.5
Minneapolis	95.7	99.1	95.1	87.1	119.0
Cleveland	94.8	96.1	101.7	82.6	98.6
Milwaukee	94.8	98.3	81.4	82.4	108.3
Seattle	94.0	103.1	100.8	57.8	106.7
St. Louis	93.8	99.9	94.1	80.7	96.2
Pittsburgh	93.6	101.0	95.7	82.4	79.8
Scranton	92.7	100.5	94.4	75.6	83.4
Norfolk	91.7	99.2	99.5	75.0	93.0
Portland, Maine	91.1	101.5	93.3	57.2	131.7
Cincinnati	90.8	96.0	101.9	76.8	83.5
Manchester	90.5	100.4	88.5	55.1	137.7
Portland, Oregon	90.4	101.1	92.3	55.5	115.4
Baltimore	90.2	98.1	96.8	73.5	89.4
Philadelphia	90.1	97.9	98.4	73.8	89.9
Richmond	89.9	94.3	96.4	72.0	90.3
Buffalo	89.8	98.3	98.2	70.8	95.6
Atlanta	89.7	98.4	93.8	81.4	76.3
Los Angeles	89.6	92.8	99.0	68.9	62.1
Jacksonville	89.2	99.9	86.1	67.1	88.8
Indianapolis	88.3	94.7	92.1	71.4	84.2
Memphis	88.1	91.8	99.6	77.5	71.3
Birmingham	87.8	98.3	100.7	68.5	62.3
Denver	87.2	93.1	93.8	67.5	98.0
Houston	87.2	92.9	92.4	69.6	74.8
New Orleans	86.2	97.4	94.5	59.5	63.3
Kansas City	84.3	93.5	99.7	59.6	92.9
Mobile	79.9	94.2	90.2	54.0	68.0

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PRICES

The price index of 28 basic commodities is now 52.9 percent above the pre-war level. The index is composed of 12 commodities called foodstuffs, such as wheat and hogs, and 16 raw industrial commodities, such as steel and rubber. Prices of foodstuffs have risen 64.9 percent and raw industrials 44.3 percent above the August 1939 level.

Source of Information: Bureau of Labor Statistics



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DEFENSE AID IN MILLIONS - FUNDS TO BE EXPENDED BY AIR CORPS

Source of Information: Defense Aid Division, O.U.S.W.

Public Law No. 23, 77th Congress, (Defense Aid Supplemental Appropriation Act) appropriates funds for ten "categories" or types of aid to foreign nations. Within the War Department, expenditures of Defense Aid funds are made by the Supply Arm or Service which ordinarily purchases the type of article requisitioned.

The table below shows funds distributed to the Air Corps for expenditure from the categories indicated, and the amounts obligated from such funds, as of August 15, 1941.

Appropriation Category	Allocated (Millions)	Obligated (Millions)
Aircraft and Aeronautical Material		
Bombardment	$1144.0	$894.3
Pursuit, interceptor and fighter	235.7	167.8
Observation	0.2	26.3
Transport and Utility	40.2	42.4
Training	111.9	70.9
Spare engines and parts	60.5	17.0
Spare propellors and parts	35.0	29.7
Accessories and parts	4.0	3.6
Spare parts other than aircraft	33.2	12.8
Modernization and reconditioning	25.0	2.9
Miscellaneous	8.0	—
Total Aircraft	$1697.7	$1267.7
Other Categories		
Vehicles	0.3	--
Miscellaneous Military Equipment	3.6	--
Facilities and Equipment	71.6	56.7
Commodities	8.3	--
Testing and Reconditioning	18.8	--
Services and Expenses	4.2	--
Total	$1804.5	$1324.4

TEXT SUMMARY - ORDNANCE DEPARTMENT - SEPTEMBER 6, 1941

Source of Information: Ordnance Department, General Staff and OUSW

GENERAL

Approval of the First Supplemental National Defense Appropriation Act, 1942 on August 24, 1941 raised the net funds available to the Ordnance Department from direct appropriations in the 1942 fiscal year to $3,181,445,131. The corresponding amount for the entire 1941 fiscal year was $2,979,723,374.

Approximately two-thirds of each of these amounts is for ammunition and most of the balance, for equipment. Significant items recommended for procurement are the bombs, incendiary, British 4-lb. and 40-lb., for which $170,297,166 is provided for suballotment to the Chemical Warfare Service from the First Supplemental appropriation.

TANKS DELIVERIES	Light (M3)	Medium (M2A1 & M3)
August, 1941 - Actual	282	77
- Scheduled	304	79
July, 1941 - Actual	254	37
Maximum Monthly (Est.)	345	1,000
Initial	April, 1941	August, 1940
Cumulative thru August, 1941	1,095	197

Output of light tanks by the St. Charles, Missouri plant is reported to be limited by the receipt of parts.

Approximately equal numbers of light tanks are being delivered to the British and to the Army. Close to two-thirds of the British shipments have been to the middle East.

At the close of August, 974 light tanks, or 41% of the 2,389 initial requirements for a force of 1,820,000 men, were in the hands of troops. These stocks include other models than the standard M3 and the recently produced M2A4 types.

NEW FACILITIES

The principal factor delaying operations at new facilities is the delivery of equipment. The training of workers is reported to have been anticipated, for the most part, sufficiently far in advance to assure an adequate amount of skilled labor. The table on the following page gives a recent estimate of the number and classification of workers required at the new ammunition establishments. Administrative and skilled workers account for only about one-fifth of the estimated total.

ESTIMATED LABOR REQUIREMENTS AT NEW AMMUNITION ESTABLISHMENTS - JULY 25, 1941

Source of Information: Industrial Service, Ordnance Department

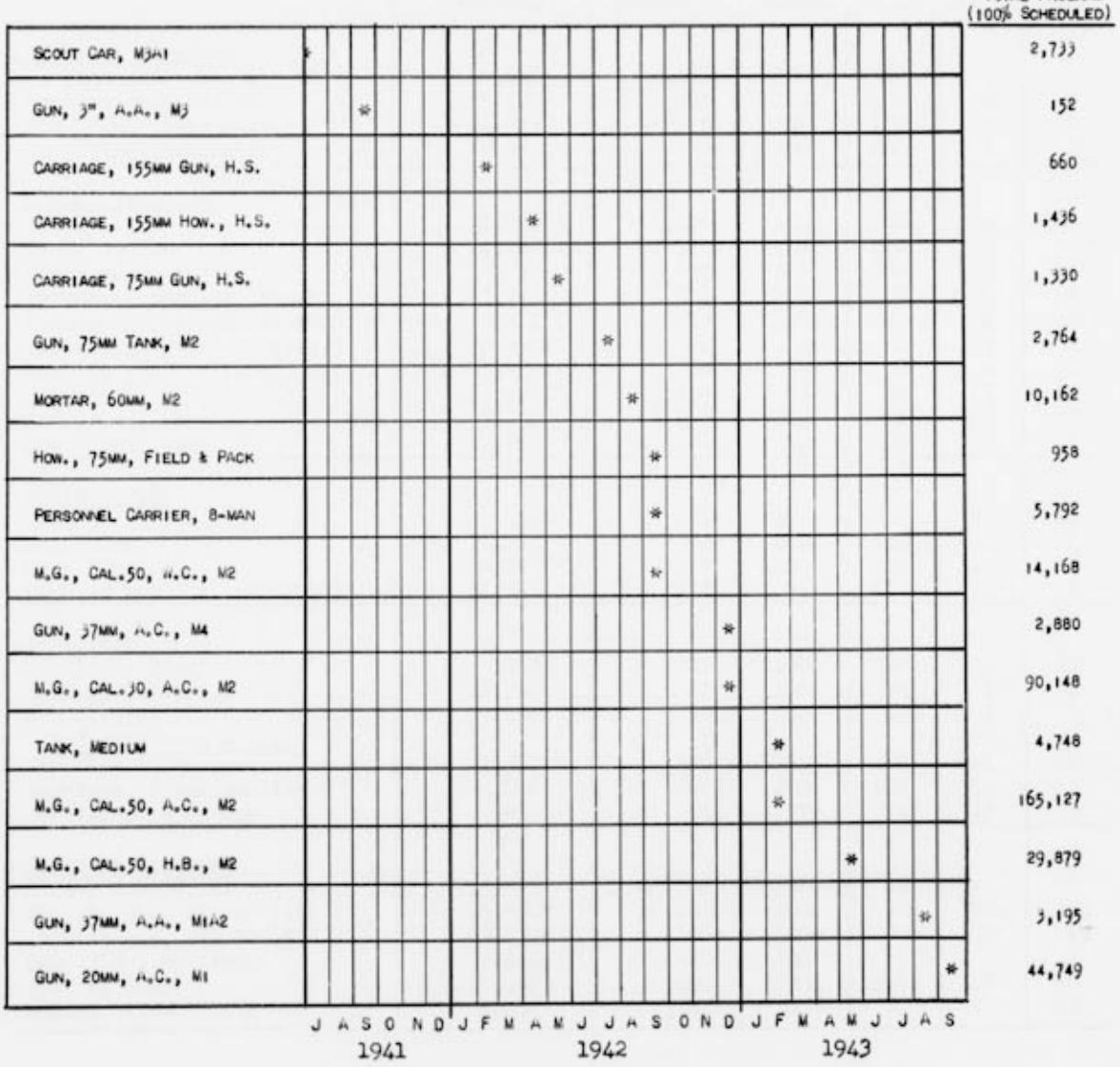
Product	Plants	Estimated date maximum employment	Estimated maximum number of workers	Proportion of female workers
Smokeless Powder	3	Jul 15, 1942	22,700	Negligible
TNT & DNT	5	Jun 1, 1942	9,936	Negligible
Toluol	1	Nov 15, 1941	313	Maximum 50%
Ammonium Products	6	Jan 1, 1943	3,540	Negligible
Oleum	1	May 15, 1942	100	Negligible
Bag Loading	4	Sep 1, 1942	28,800	Approx. 40%
Shell Loading	11	Oct 1, 1942	86,595	Maximum 25%
Shell Mach. & Forging	1	Apr 1, 1942	1,500	Negligible
Grand Totals	31		153,484	

Product	Plants	Estimated Classification by Skills			
		Administrative	Skilled	Semi-skilled	Unskilled
Smokeless Powder	3	970	2,065	17,540	2,125
TNT & DNT	5	496	1,987	6,957	496
Toluol	1	16	63	218	16
Ammonium Products	6	179	708	2,478	175
Oleum	1	5	20	70	5
Bag Loading	4	1,725	4,325	11,500	11,250
Shell Loading	11	5,208	12,989	34,639	33,759
Shell Mach. & Forging	1	90	225	600	585
Grand Totals	31	8,689	22,382	74,002	48,411

COMPLETION DATES OF SELECTED ITEMS - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

* DATE OF SCHEDULE COMPLETION



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TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - AUGUST 23, 1941

Source of Information: Industrial Service, Ordnance Department

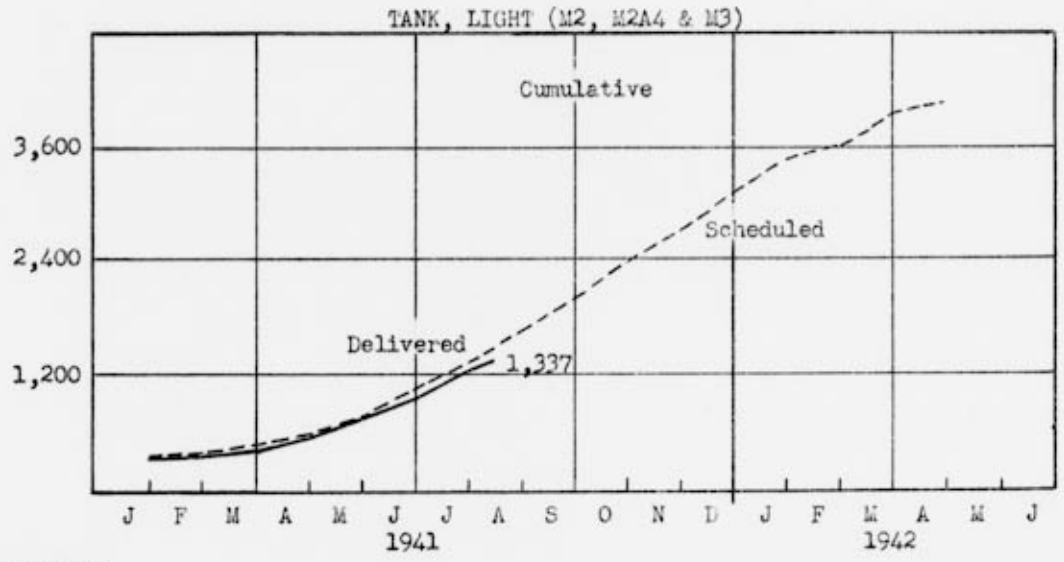
Item	Total procurement program	Delivered thru August 23	Percent of total program			
			Contracted	Scheduled	Due Aug 15	Delivered
Aircraft Armament						
Machine gun, cal.30	90,148	8,254	100	100	9	9
Machine gun, cal.50	165,127	14,488	100	100	8	9
Gun, 20mm, automatic	44,749	0	100	100	0	0
Gun, 37mm, automatic	2,880	57	100	100	2	2
Combat Vehicles						
Tank, light	4,090	1,410	100	98	36	34
Tank, medium	4,748	170	100	100	4	4
Scout car	2,733	2,633	100	100	100	96
Personnel carrier, 8-man	5,792	1,314	100	100	18	23
Personnel carrier, 13-man	5,521	379	100	89	8	7
Machine gun, cal.30 (Var.)	77,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	251,397	72,935	98	98	27	29
Gun, 37mm, tank	7,352	2,392	100	82	25	33
Gun, 75mm, tank	2,764	102	100	100	2	4
Antiaircraft						
Gun, 3"	152	152	100	100	93	100
Gun, 90mm	1,271	12	100	100	2	1
Gun, 37mm	3,195	462	100	100	15	14
Machine gun, cal.50 (W.C.)	14,168	818	84	100	10	6
Artillery						
Howitzer, 75mm	958	123	100	100	16	13
Howitzer, 105mm	3,761	61	100	46	1	2
Gun, 155mm	492	18	100	68	5	4
Modernization - H.S.						
Carriage, 75mm gun	1,330	556	100	100	41	42
Carriage, 155mm howitzer	1,436	966	100	100	55	67
Carriage, 155mm gun	853	91	77	77	18	11
Infantry Armament						
Rifle, cal.30, M1	913,691	248,766	93	93	25	27
Machine gun, cal.30 (Var.)	113,850b	40,069b	100b	90b	36b	35b
Machine gun, cal.50 (H.B.)	29,879b	1,306b	100b	100b	5b	4b
Gun, 37mm, antitank	9,464	623	100	67	7	7
Mortar, 60mm	10,162	4,940	100	100	43	49
Mortar, 81mm	4,458	1,187	100	77	21	27

a Included in Infantry Armament. Deliveries not reported separately.
b Figures include Armament for Combat Vehicles.

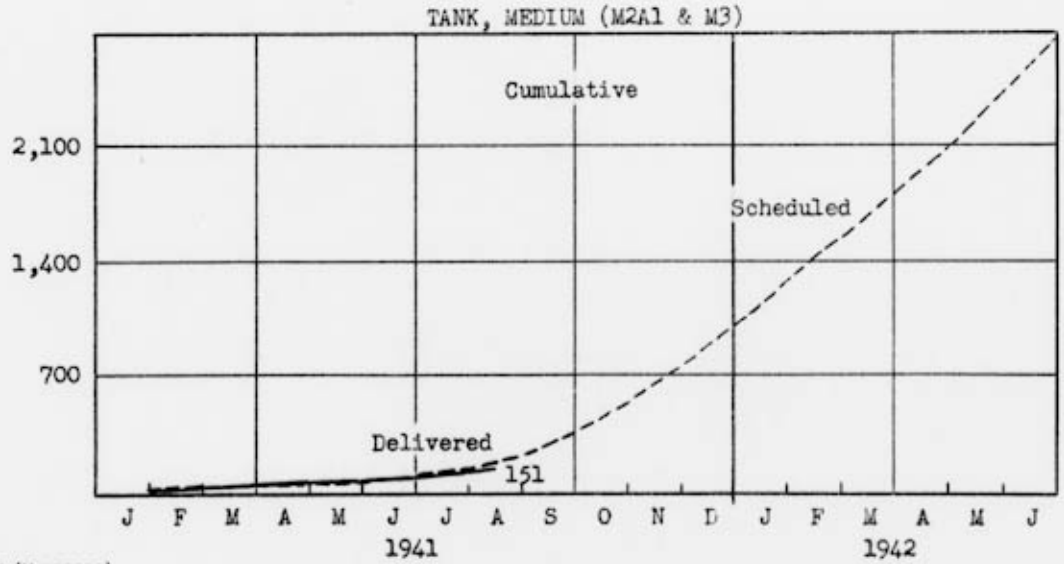
Statistics Branch
OUSW - 9-6-41

TANKS - DELIVERIES AND SCHEDULES - AUGUST 15, 1941

Source of Information: Industrial Service, Ordnance Department



CUM. (HUNDREDS)																	
DELIVERED	4	4	4	5	7	9	12										
SCHEDULED	4	4	5	6	8	10	13	16	20	23	27	30	34	36	39	40	

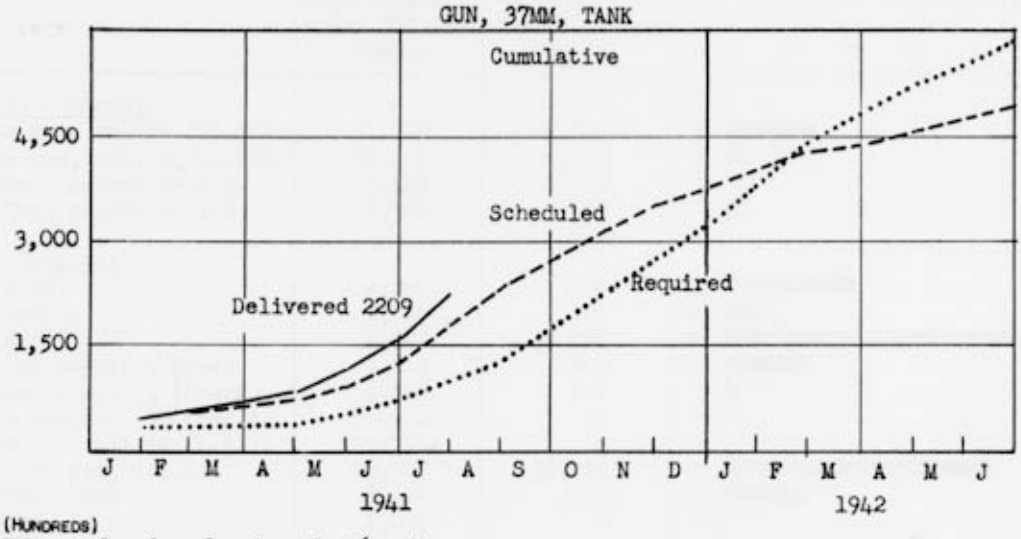


CUM. (HUNDREDS)																	
DELIVERED	.1	.2	.3	.4	.6	.8	1										
SCHEDULED	.1	.2	.3	.4	.6	.9	1	2	4	5	7	10	13	15	18	21	24	27

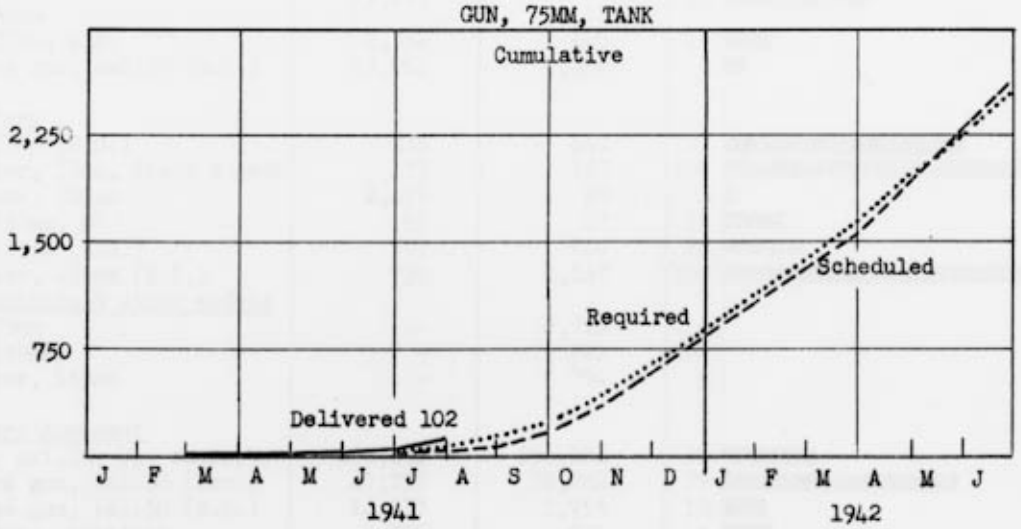
Statistics Branch
OUSW - 9-6-41

TANK GUNS - DELIVERIES AND SCHEDULES - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department



CUM. (HUNDREDS)																		
DELIVERED	5	5	7	8	12	16	22											
SCHEDULED	5	5	6	7	10	13	18	23	27	32	35	38	41	43	43	45	47	49
REQUIRED	3	3	4	4	5	8	10	13	18	22	28	33	39	44	49	52	55	58



CUM. (HUNDREDS)																		
DELIVERED	.01	.01	.04	.1	.5	1												
SCHEDULED					.1	.4	1	2	4	6	8	11	13	16	19	23	26	
REQUIRED					.2	.5	1	2	4	6	9	11	14	17	19	23	26	

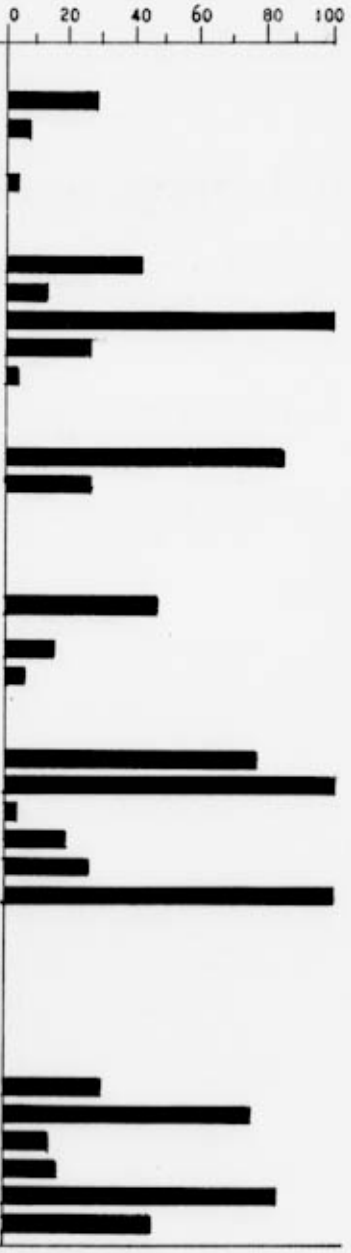
Ordnance

Statistics Branch
OUSW - 9-6-41

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

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %
Aircraft Armament			
Machine gun, cal.30,fix.&fl.	33,946	9,714	29
Machine gun, cal.50,fix.&fl.	60,531	4,549	8
Gun, 20mm, automatic A.C.	1,413	0	0
Gun, 37mm, automatic A.C.	2,021	66	3
Combat Vehicles			
Tank, light	2,389	974	41
Tank, medium	1,046	121	12
Scout car	2,083	2,692	129
Personnel carrier, 8-man	3,412	903	26
Personnel carrier, 13-man	4,517	153	3
Machine gun, cal.30 (Var.)	30,674a	a	-
Machine gun, cal.50 (H.B.)	5,735a	a	-
Submachine gun, cal.45	26,705	22,716	85
Gun, 37mm, tank	3,427	930	27
Gun, 75mm, tank	1,020	0	0
Antiaircraft			
Gun, 3"	1,177	557	48
Gun, 90mm		13	
Gun, 37mm, A.A.	2,552	426	17
Machine gun, cal.50 (W.C.)	17,065	1,002	6
Artillery			
Gun, 75mm (H.S.)	836	647	77
Howitzer, 75mm, field & pack	177	187	106
Howitzer, 105mm	2,457	67	3
Gun, 155mm, M1	95	17	18
Gun, 155mm (H.S.)	587	144	25
Howitzer, 155mm (H.S.)	739	1,167	158
Unmodified & other models			
Gun, 75mm	-	2,773	-
Gun, 155mm	-	825	-
Howitzer, 155mm	-	794	-
Infantry Armament			
Rifle, cal.30, M1, semiauto	838,601	254,128	30
Machine gun, cal.30 (Var.)	49,737	38,282	77
Machine gun, cal.50 (H.B.)	14,737	1,955	13
Gun, 37mm, antitank	4,892	727	15
Mortar, 60mm	4,747	3,907	82
Mortar, 81mm	2,340	1,003	43



a Included in Infantry Armament.

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

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

Item	Total Requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements %
Aircraft Armament			
Machine gun, cal.30,fix.&fl.	44,269	9,714	22
Machine gun, cal.50,fix.&fl.	132,534	4,549	3
Gun, 20mm, automatic A.C.	4,253	0	0
Gun, 37mm, automatic A.C.	2,883	66	2
Combat Vehicles			
Tank, light	4,946	974	20
Tank, medium	2,827	121	4
Scout car	4,299	2,692	63
Personnel carrier, 8-man	7,896	903	11
Personnel carrier, 13-man	8,647	153	2
Machine gun, cal.30 (Var.)	69,409a	a	-
Machine gun, cal.50 (H.B.)	13,398a	a	-
Submachine gun, cal.45	56,233	22,716	40
Gun, 37mm, tank	7,878	930	12
Gun, 75mm, tank	2,797	0	0
Antiaircraft			
Gun, 3"	1,856	557	31
Gun, 90mm		13	
Gun, 37mm, A.A.	3,055	426	14
Machine gun, cal.50 (W.C.)	22,966	1,002	4
Artillery			
Gun, 75mm (H.S.)	1,778	647	36
Howitzer, 75mm, field & pack	254	187	74
Howitzer, 105mm	3,733	67	2
Gun, 155mm	283	17	6
Gun, 155mm (H.S.)	969	144	15
Howitzer, 155mm (H.S.)	1,037	1,167	113
Unmodified & other models			
Gun, 75mm	-	2,773	-
Gun, 155mm	-	825	-
Howitzer, 155mm	-	794	-
Infantry Armament			
Rifle, cal.30, M1, semiauto	1,539,512	254,128	17
Machine gun, cal.30 (Var.)	107,943	38,282	35
Machine gun, cal.50 (H.B.)	32,146	1,955	6
Gun, 37mm, antitank	9,523	727	8
Mortar, 60mm	7,957	3,907	49
Mortar, 81mm	4,566	1,003	22

a Included in Infantry Armament.

Statistics Branch
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TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - AUGUST 23, 1941

Source of Information: Industrial Service, Ordnance Department

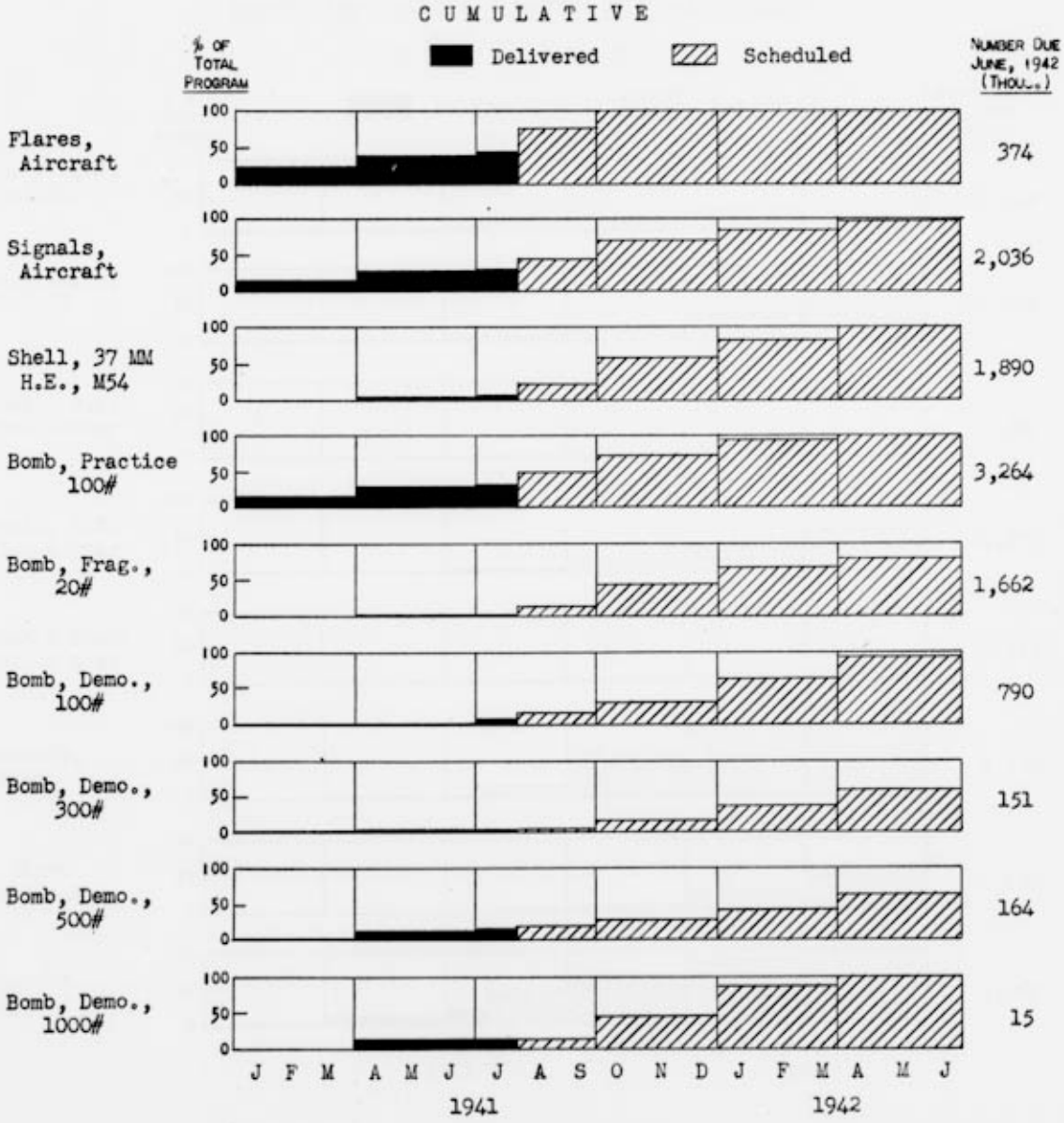
Item	Total procurement program (Thousands)	Delivered thru August 23 (Thousands)	Percent of total program			
			Contracted	Scheduled	Due Aug. 15	Delivered
Aircraft & Pyrotechnics						
Bomb, frag., 20#	2,017	88	77	100	2	4
Bomb, demo., 100#,300#,500#	1,315	113	47	100	10	9
Bomb, demo., 1000#	15	2	72	100	0	13
Bomb, g & s, 30#, 100#	499	95	70	100	30	19
Shot & shell, 20mm	32,502	0	97	0	0	0
Shell, H.E., 37mm	1,890	122	66	100	7	6
Flares	373	202	99	100	66	54
Signals	2,054	627	100	100	34	31
Antiaircraft						
Shell, 37mm, H.E.	12,786	207	21	100	-	2
Shell, 3", H.E.	2,267	71	70	100	3	3
Shell, 90mm, H.E.	3,053	2	58	100	0	0
Artillery						
Shell, H.E., s c, 75mm gun	1,477	97	85	100	7	7
Shell, g & s, 75mm gun	1,108	8	99	99	1	1
Shot, A.P., 75mm gun	1,733	0	100	100	0	0
Shell, H.E., 75mm how.	4,279	238	99	99	6	6
Shell, H.E., 105mm how.	11,793	62	35	100	1	1
Shell, H.E., 155mm gun	1,081	0	32	100	0	0
Charge, prop., 155mm gun	1,084	225	98	100	21	21
Shell, H.E., 155mm how.	4,360	5	77	100	-	-
Shell, g & s, 155mm how.	1,224	310	66	100	26	25
Charge, prop., 155mm how.	5,759	843	77	100	12	15
Primer, 21 gr.	8,338	299	81	100	4	4
Fuzes (All)	11,964	3,083	74	99	26	26
Infantry						
Cartridge, cal.30	4,490,291	488,880	84	84	10	11
Links, met. belt, cal.30	1,011,225	98,573	99	99	9	10
Cartridge, cal.45	606,476	159,020	100	100	26	26
Cartridge, cal.50	905,479	58,184	99	99	6	6
Links, met. belt, cal.50	2,444,920	56,738	99	99	3	2
Shot & shell, 37mm	19,589	237	19	100	1	1
Shell, H.E., 60mm	8,882	36	31	100	-	-
Shell, H.E., 81mm	3,785	116	18	100	3	3
Shell, smoke, 81mm	426	0	5	100	0	0
Grenade, H.E., frag.	1,576	71	98	100	5	5
Signals, ground & light	3,588	502	48	58	18	14
Mine, antitank	2,050	0	2	100	0	0

Statistics Branch
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AMMUNITION - AIRCRAFT & BOMBS - DELIVERIES & SCHEDULES - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM



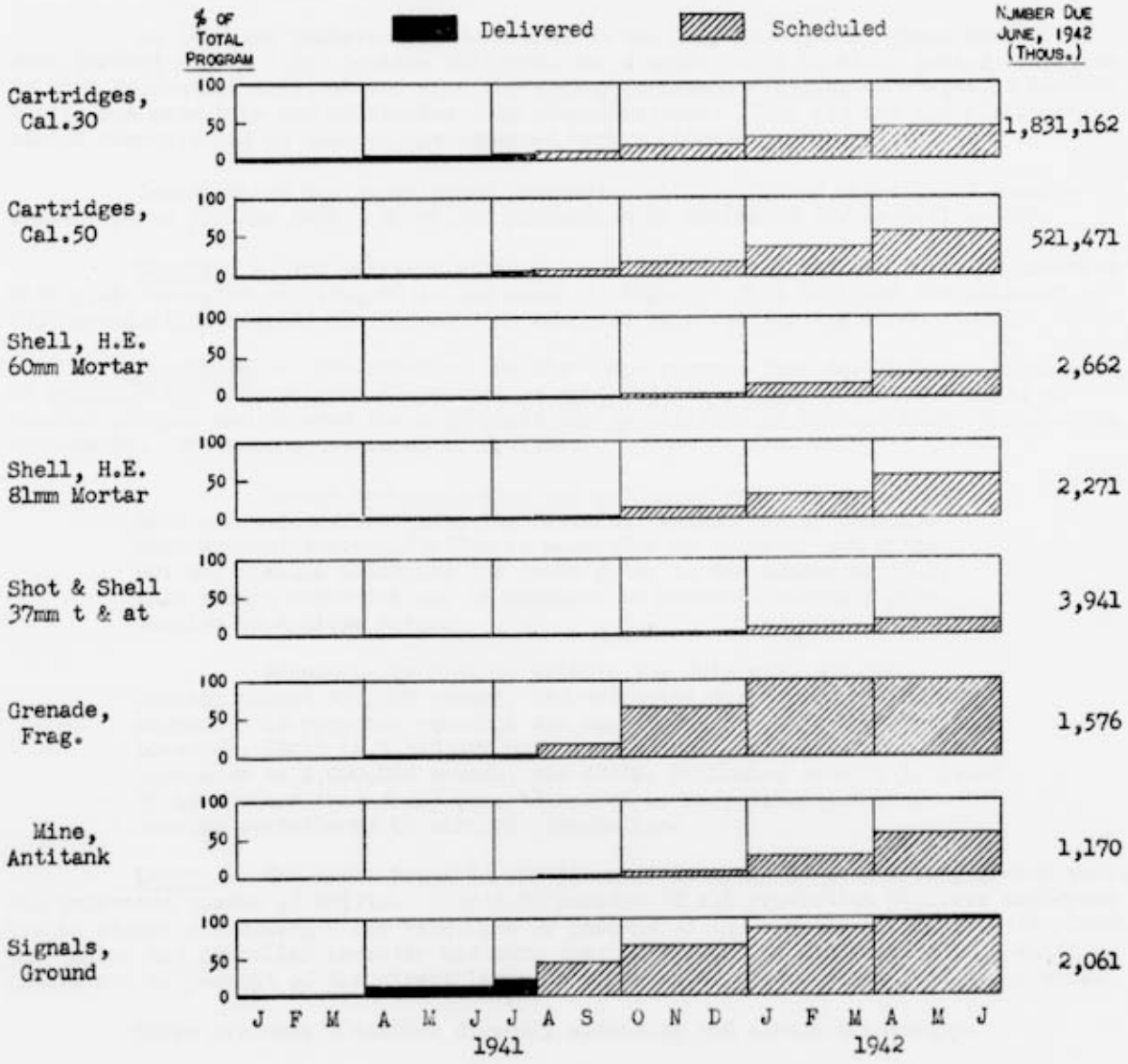
Statistics Branch
OUSW - 9-6-41

AMMUNITION - SMALL ARMS & MISCELLANEOUS - DELIVERIES & SCHEDULES - JULY 31, 1941

Source of Information: Industrial Service, Ordnance Department

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

CUMULATIVE



Statistics Branch
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TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES - The total number of airplanes delivered to the Army in the last quarter of August was 311. This is a new high for quarter monthly deliveries to the Army and brings acceptances for the month to 951. Of this number 368 were combat, 77 were service combat, and 506 were trainers. There were 290 pursuits accepted, 26 of which were 2-engine fighters.

No 4-engine bombers were delivered to the Army in August. There were 57 medium bombers and 21 light bombers delivered for a total of 78 in all. Boeing continues to have production difficulties with the Flying Fortress, claiming shortages of machine tools, raw materials and deliveries from subcontractors. They are now 112 airplanes behind schedule and no delivery is expected before October.

Consolidated has experienced production difficulty and shortage of subcontractor parts for the B-24. No volume production is estimated for several months.

ENGINES - The delivery of combat and training engines continues to increase with 2,181 accepted or assigned in the month of August. This includes the delivery of 389 installation engines for pursuits as compared with 248 for the month of July.

MAGNESIUM - The Chief of the Air Corps reports that the Materiel Division at Wright Field has analyzed 82 percent of the projects in the 400,000,000 pound expansion program and cleared these projects for negotiation of Defense Plant Corporation agreements. The report continues as follows:

> Recent tabulations of the Office of Production Management and this office (Materiel Division, Wright Field) indicate that without the exportation of magnesium to Britain, and without any sizable allowance for bombs prior to the summer of 1942, only enough magnesium may be produced to maintain aircraft production on a close margin.
>
> Magnesium exports to Britain for July were 360,000 pounds, August 535,000 pounds, and estimated for September 266,000 pounds. The proposed schedule for export for October, November and December, 1941, is 1,120,000 pounds, per month, and this schedule increases to 4,000,000 pounds, per month, beginning January 1, 1942. It is obvious that these exports cannot be made without a corresponding curtailment in aircraft production.

LABOR - The labor trend in the aircraft industry is toward longer work weeks and increased number of shifts. Almost 25 percent of all productive airframe employees are in plants scheduling 7 day work, and 70 percent of the workers are in 3-shift plants. The engine and propeller industry has more than 90 percent of its workers in 3-shift plants and 84 percent of the direct labor is employed in plants scheduling 6 day work.

There are only 3 strikes directly affecting the aircraft industry.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - AUGUST 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

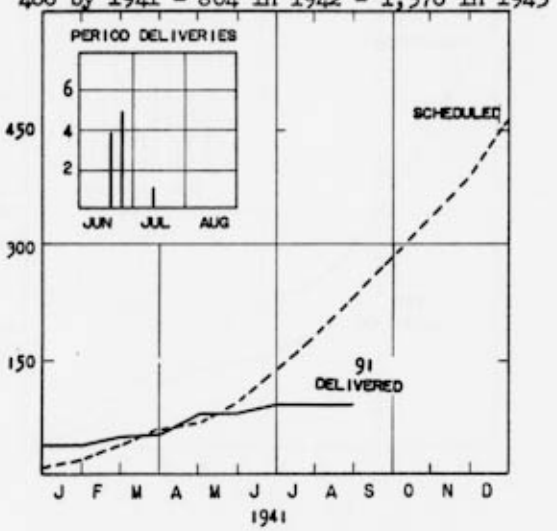
Item	Program			Under contract		Delivered 8/31/41	Not contracted	
	F.Y. 1941 & prior years*	F.Y. 1942	Total	Number	Percent		F.Y. 1941	F.Y. 1942
Airplanes								
Heavy bomber	2,246	2,656	4,902	2,846	58	91	-	2,056
Medium bomber	4,616	1,200	5,816	4,616	79	288	-	1,200
Light bomber	1,882	150	2,032	1,382	68	207	500	150
Pursuit, fighter	709	1,150	1,859	709	38	75	-	1,150
Pursuit, interceptor	4,394	4,700	9,094	6,194	68	1,066	-	2,900
Observation	533	-	533	533	100	194	-	-
Transport	1,118	240	1,358	1,238	91	70	-	120
Amphibian	74	1	75	75	100	0	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,097	25,686	17,610	69	2,005	500	7,576
Primary trainer	5,490	450	5,940	5,940	100	2,200	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,456	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	717	-	-
Adv. trainer, 2-eng.	2,632	1,050	3,682	3,532	96	99	-	150
Total Trainer	16,470	2,960	19,430	19,280	99	4,472	-	150
Grand Total	32,059	13,057	45,116	36,890	82	6,477	500	7,726
Engines								
Heavy bomber	8,988	10,624	19,612	12,748	65	1,964	-	6,864
Medium bomber	9,232	3,200	12,432	5,575	45	935	3,657	3,200
Light bomber	3,576	150	3,726	2,576	69	974	1,000	150
Pursuit, fighter	1,420	2,300	3,720	1,394	37	363	26	2,300
Pursuit, interceptor	4,394	4,700	9,094	4,394	48	1,318	-	4,700
Observation	533	-	533	533	100	351	-	-
Transport	2,358	480	2,838	1,626	57	339	732	480
Amphibian	148	2	150	150	100	0	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,683	21,456	52,139	29,030	56	6,278	5,415	17,694
Primary trainer	5,490	450	5,940	5,940	100	2,725	-	-
Basic trainer	5,051	1,100	6,151	2,679	44	1,607	2,372	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	2,297	63	1,788	1,000	360
Adv. trainer, 2-eng.	5,264	2,100	7,364	3,064	42	1,124	3,100	1,200
Total Trainer	19,102	4,010	23,112	13,980	60	7,244	6,472	2,660
Grand Total	49,785	25,466	75,251	43,010	57	13,522	11,887	20,354

* Project airplane contracts current June 30, 1940, with matching installation engine contracts.

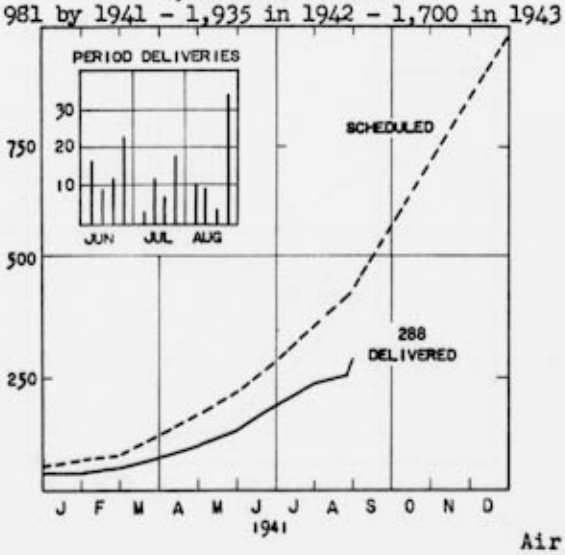
Note: "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

PROJECT AIRPLANES

2,846 HEAVY BOMBER
466 by 1941 - 804 in 1942 - 1,576 in 1943

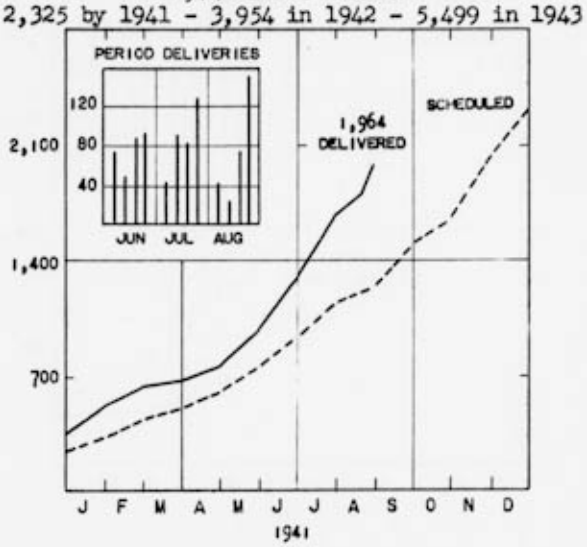


4,616 MEDIUM BOMBER
981 by 1941 - 1,935 in 1942 - 1,700 in 1943

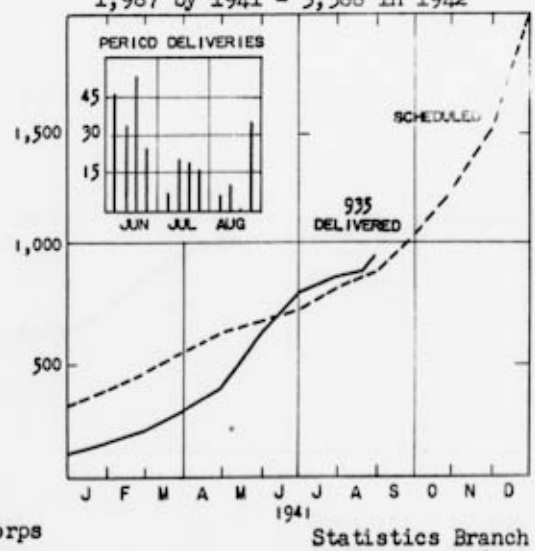


INSTALLATION ENGINES

12,748 HEAVY BOMBER
2,325 by 1941 - 3,954 in 1942 - 5,499 in 1943



5,575 MEDIUM BOMBER
1,987 by 1941 - 3,588 in 1942

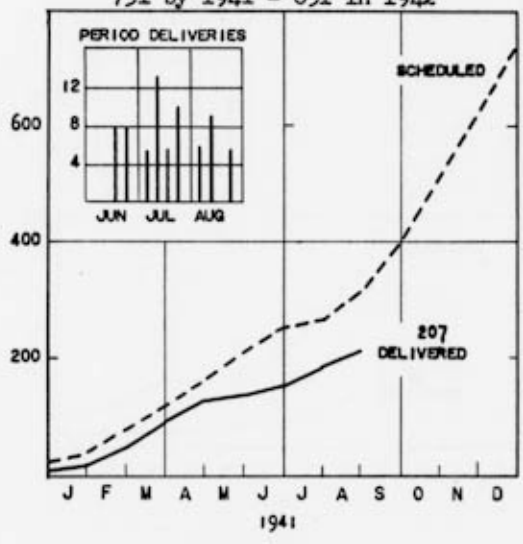


Air Corps
20

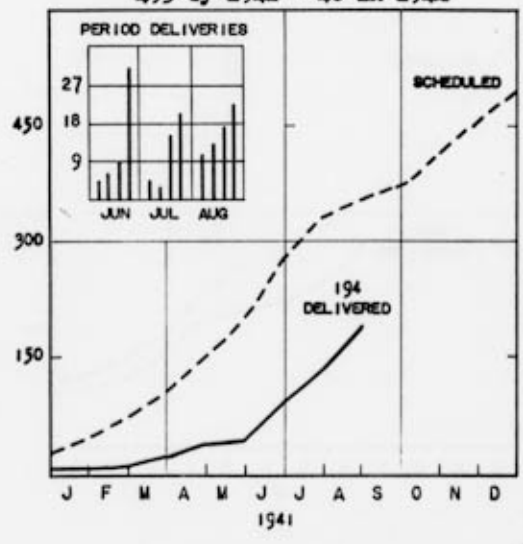
Statistics Branch
OUSW - 9-6-41

PROJECT AIRPLANES

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

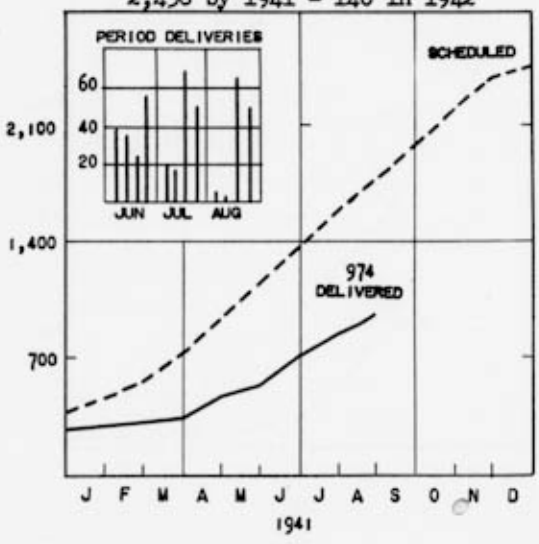


533 OBSERVATION
493 by 1941 - 40 in 1942

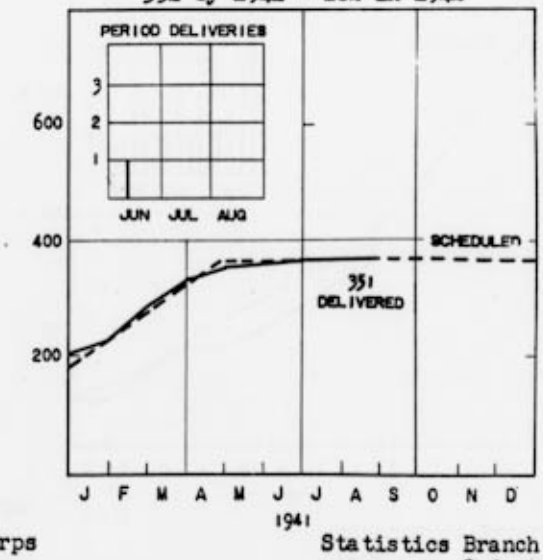


INSTALLATION ENGINES

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



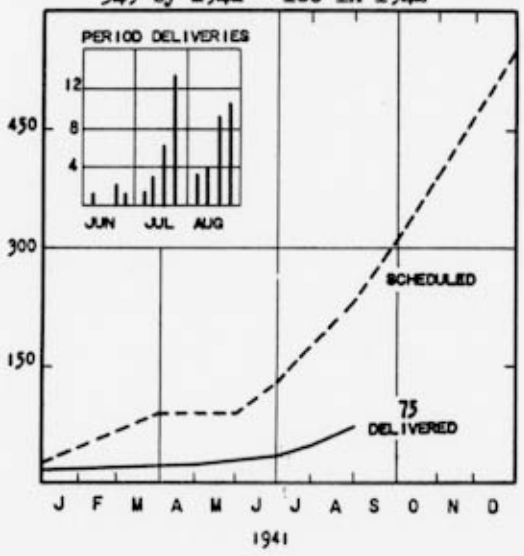
533 OBSERVATION
351 by 1941 - 182 in 1942



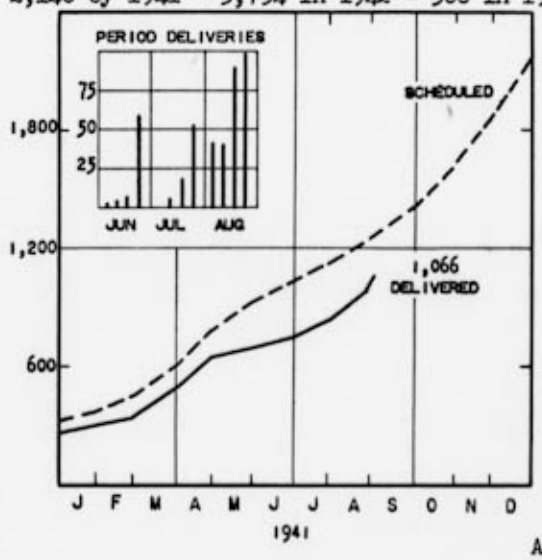
Statistics Branch
OUSW - 9-6-41

PROJECT AIRPLANES

709 PURSUIT FIGHTER
549 by 1941 - 160 in 1942

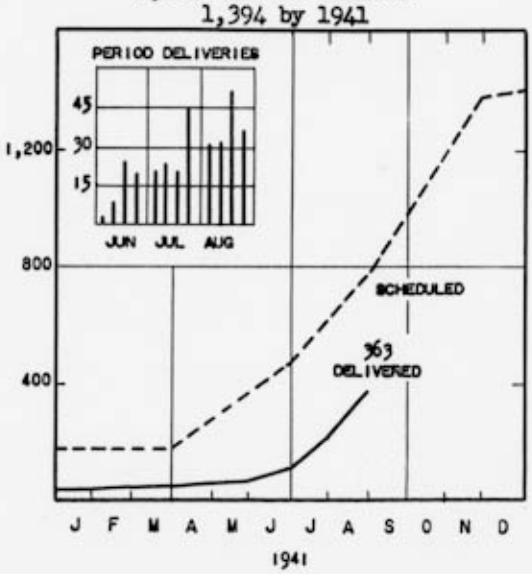


6,194 PURSUIT INTERCEPTOR
2,140 by 1941 - 3,754 in 1942 - 300 in 1943

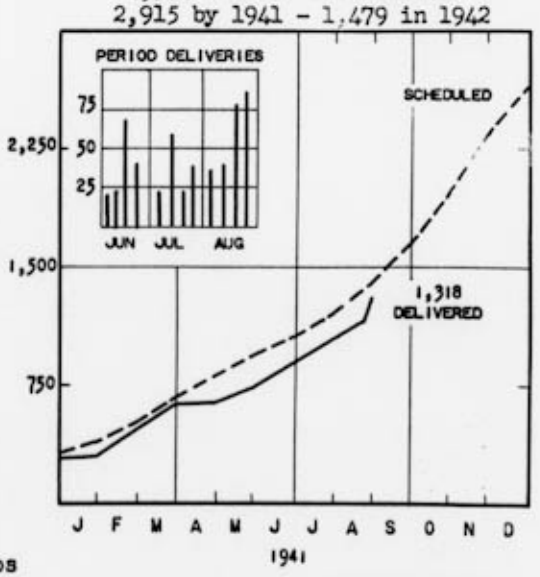


INSTALLATION ENGINES

1,394 PURSUIT FIGHTER
1,394 by 1941



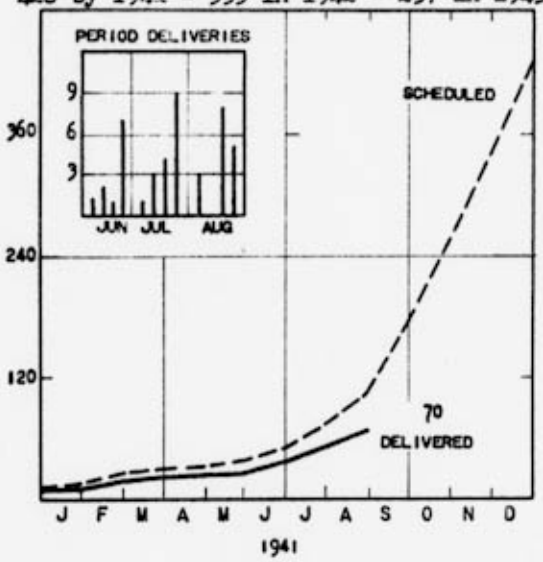
4,394 PURSUIT INTERCEPTOR
2,915 by 1941 - 1,479 in 1942



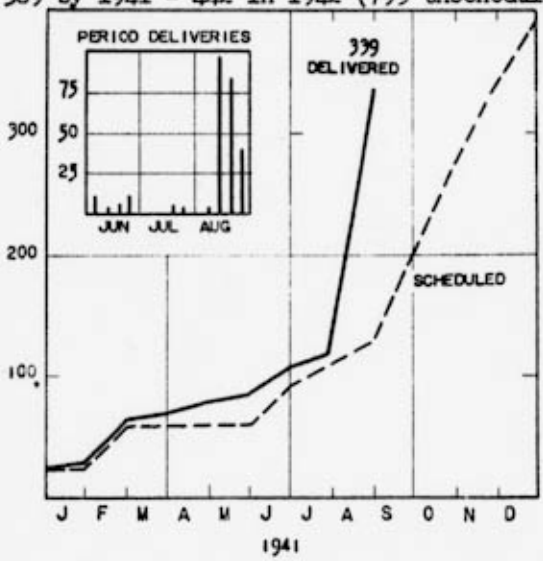
Statistics Branch
OUSW - 9-6-41

PROJECT AIRPLANES INSTALLATION ENGINES

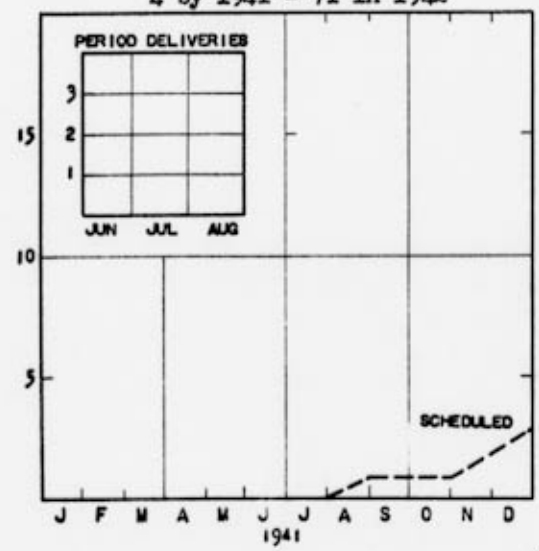
1,238 TRANSPORT
428 by 1941 - 553 in 1942 - 257 in 1943



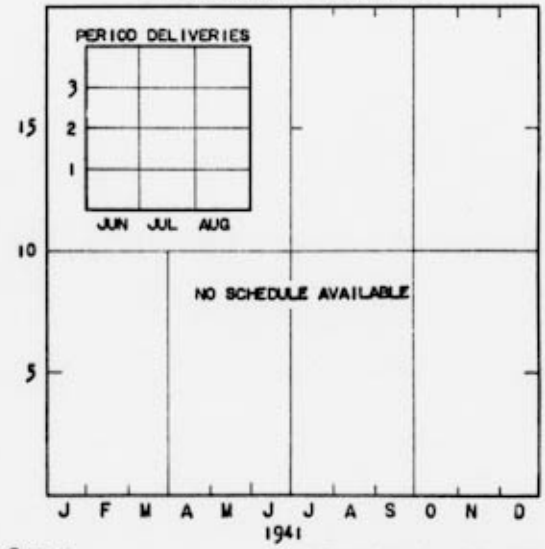
1,626 TRANSPORT
389 by 1941 - 442 in 1942 (795 Unscheduled)



75 AMPHIBIAN
4 by 1941 - 71 in 1942



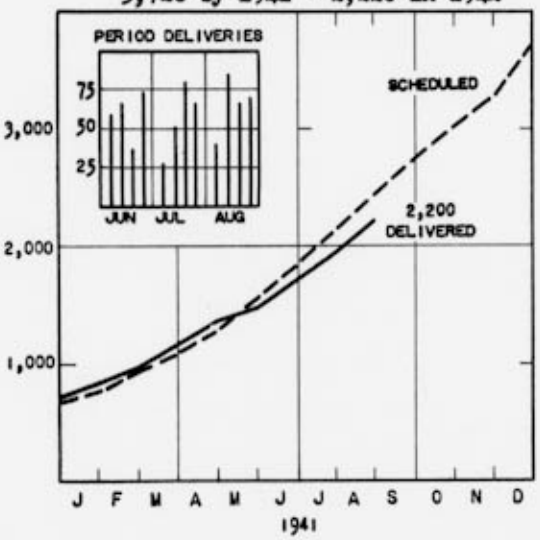
150 AMPHIBIAN
No schedule available



Statistics Branch
OUSW - 9-6-41

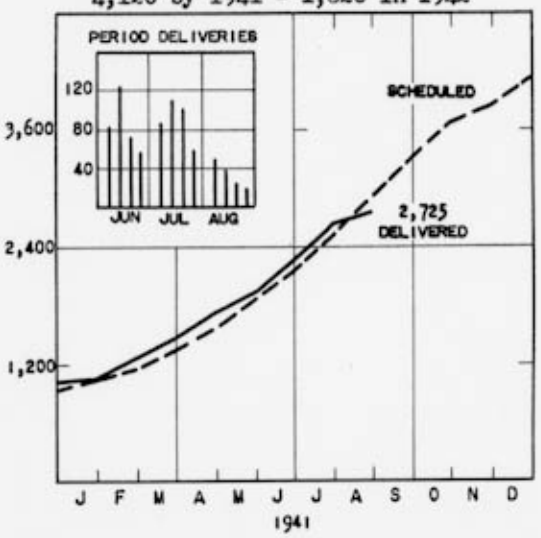
PROJECT AIRPLANES

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

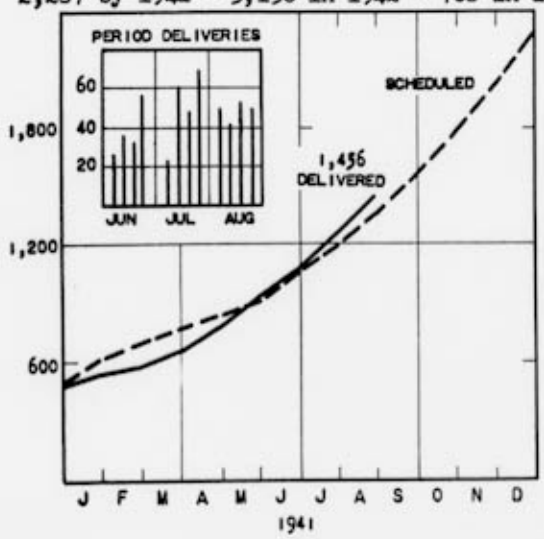


INSTALLATION ENGINES

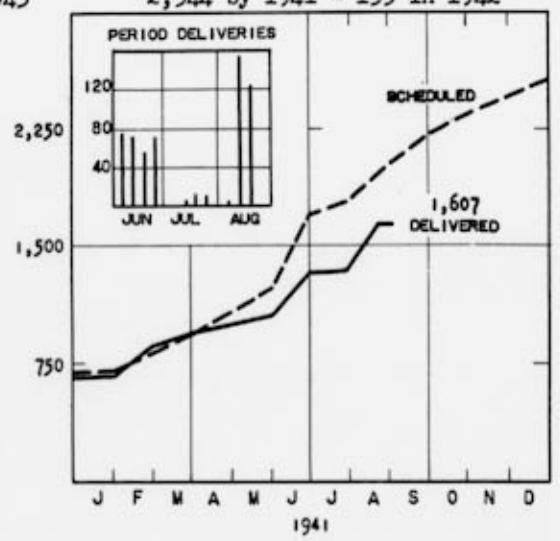
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,156 in 1942 - 708 in 1943



2,679 BASIC TRAINER
2,544 by 1941 - 135 in 1942



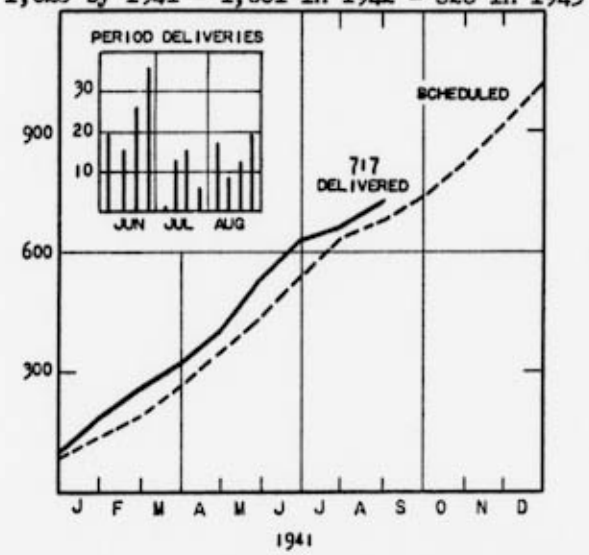
Air Corps
24

Statistics Branch
OUSW - 9-6-41

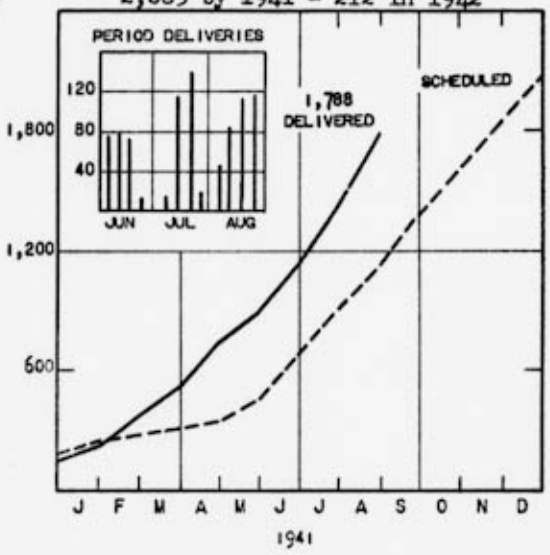
PROJECT AIRPLANES

INSTALLATION ENGINES

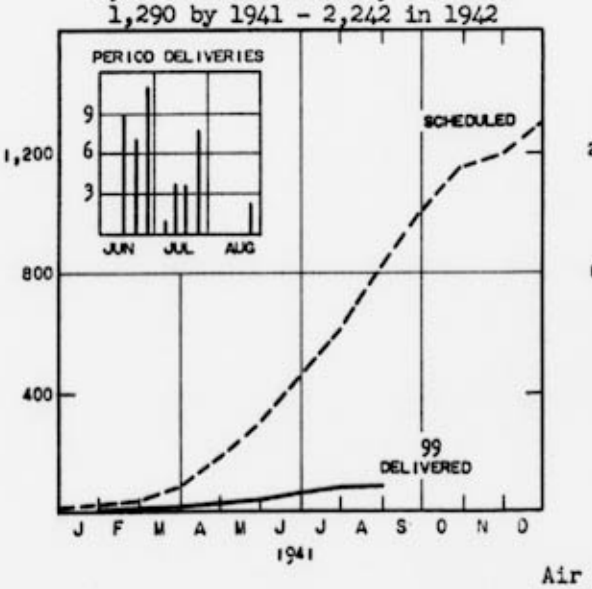
3,657 ADVANCE TRAINER, 1 ENGINE
1,028 by 1941 - 1,801 in 1942 - 828 in 1943



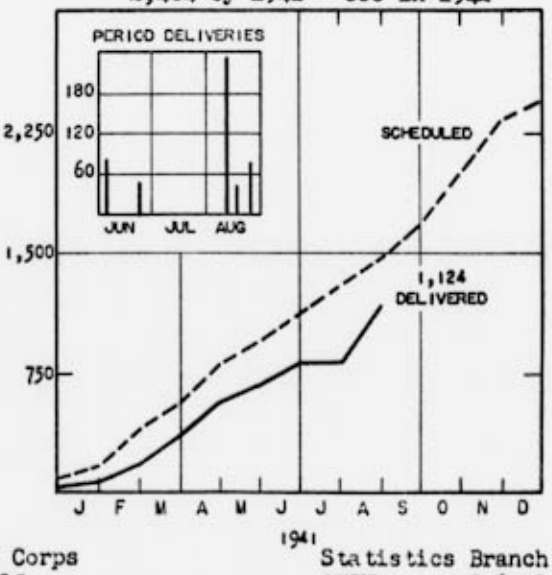
2,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 212 in 1942



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



3,064 ADVANCE TRAINER, 2 ENGINE
2,404 by 1941 - 660 in 1942



Air Corps
25

Statistics Branch
OUSW - 9-6-41

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 4, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

Contracts - As of August 15, ninety-nine percent of the combined 1941 programs, including 5th supplemental augmentations, has been contracted. The combined programs under the 175 million dollar Deficiency Appropriation have been 99.9 percent contracted and 36 percent of the combined 1942 programs has been contracted.

Deliveries - Cumulative deliveries average 84 percent of combined 1941 programs and 37 percent of the 175 million dollar Deficiency Appropriation. During the quartermonthly period ended August 15, deliveries were made on 78 of the 132 items under 1941 procurement; 33 of the 36 Deficiency Appropriation items and 5 of the 89 items being procured from 1942 funds.

Schedules & Delinquencies - Of the 257 basic items being procured under 1941. 1942 and Deficiency Appropriation funds, 70 are delinquent; of these 29 are more than 5 percent delinquent, including:

Cloth, cotton khaki	(16%)	Range, field	(23%)
Cloth, cotton HBT	(13%)	Shirt, cotton khaki	(6%)
Cloth, cotton, w/r	(17%)	Sling, carrying	(16%)
Breeches, wool, elastique	(21%)	Tent, assembly	(41%)
Leggings, canvas	(12%)	Trousers, serge, o.d.	(16%)

MOTOR VEHICLES

Contracts - As of August 23, contracts have been awarded for 249,176 vehicles, obligating 1941 and 1942 funds to the extent of 328 million dollars. The 1941 program is currently estimated to total 245,562 vehicles of which 93 percent has been contracted and 60 percent has been delivered. Seventy-five percent of the estimated 1942 program has been contracted.

Deliveries - During the quartermonthly period ended August 23, deliveries were reported on 4,623 vehicles, bringing the cumulative delivery total to 146,620 vehicles at a cost of 194 million dollars.

Schedules & Delinquencies - Based on estimated delivery schedules, 9,868 vehicles are delinquent; however, 7,109 vehicles are ahead of estimated schedules.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 4, 1941

Source: Statistics Branch, Office of the Quartermaster General

CONSTRUCTION

As of August 15, 1941, of 56 Camps and Cantonments under construction with a troop housing capacity of 977,699 at a cost of $649,684,973, 42 are from 95% to 100% complete. These 42 projects have a capacity of 814,203 (58% of total capacity); their estimated completion cost is $548,149,208 (25% of total estimated cost).

Completion dates for Q.M. construction projects on a cumulative basis are as follows:

						Cost	Capacity
127	projects	were	completed		by July , 1941	$ 436,209,533	764,921
160	"	are	scheduled	for completion	by Aug. , 1941	607,269,256	942,152
220	"	"	"	"	by Sept., 1941	816,374,102	1,112,333
318	"	"	"	"	by Oct. , 1941	936,859,162	1,187,148
369	"	"	"	"	by Nov. , 1941	1,106,714,666	1,297,229
403	"	"	"	"	by Dec. , 1941	1,368,267,319	1,328,887
420	"	"	"	"	by Jan. , 1942	1,429,512,290	1,333,915
439	"	"	"	"	by Feb. , 1942	1,499,347,408	1,334,048
450	"	"	"	"	by March, 1942	1,563,791,084	1,334,915
466	"	"	"	"	by April, 1942	1,689,361,319	1,335,047
475	"	"	"	"	by May , 1942	1,731,196,924	1,336,397
491	"	"	"	"	by June , 1942	1,853,872,105	1,348,589
492	"	"	"	"	by July , 1942	1,856,071,143	1,348,589
499	"	"	"	"	by Aug. , 1942	1,873,561,235	1,349,457

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

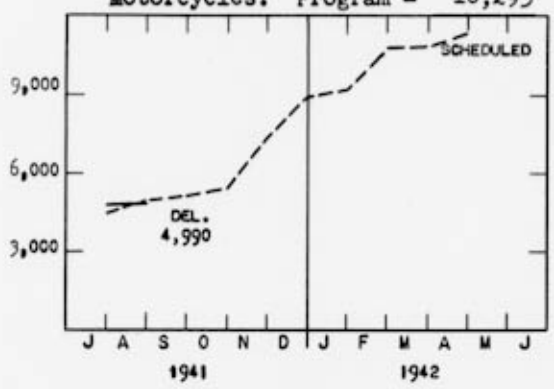
Item affected	Man days	Contractor's Name & Address
Chrome iron, pipe, valves (Constr.)	18,000	Vogt Machine Co., Louisville, Ky.
Oil pressure gauges	14,300	U. S. Gauge Co., Sellersville, Pa.
Flannel shirting	8,800	American Woolen Mills, Fulton, N. Y.
Steel (Construction)	7,600	Knoxville Iron Co., Knoxville, Tenn.
Flannel & serge shirting	4,400	Arlington Mills, Lawrence, Mass.
Motorcycle parts*	350	Twentieth Century Brass Wks., Mpls.,Minn.

*Crankcases, pump drives and bronze bushings supplied to Harley Davidson, who reports only two weeks supplies on hand.

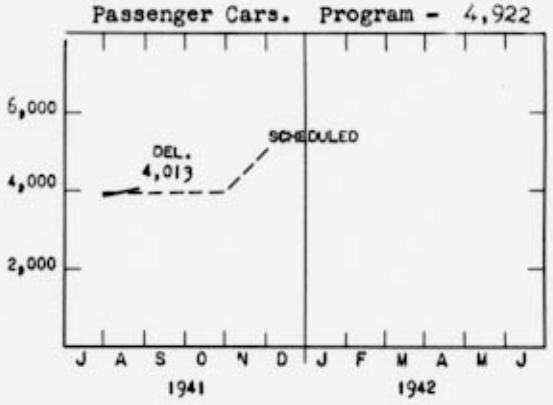
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 - Aug. 23, 1941

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

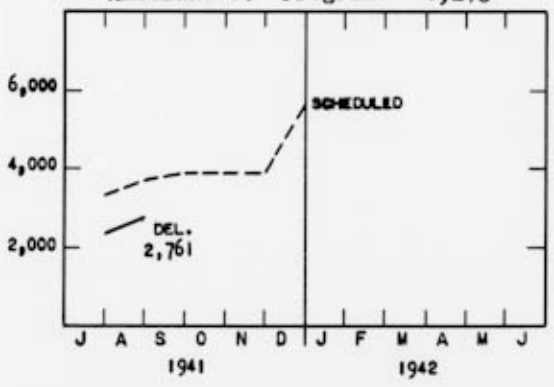
Motorcycles. Program - 10,293



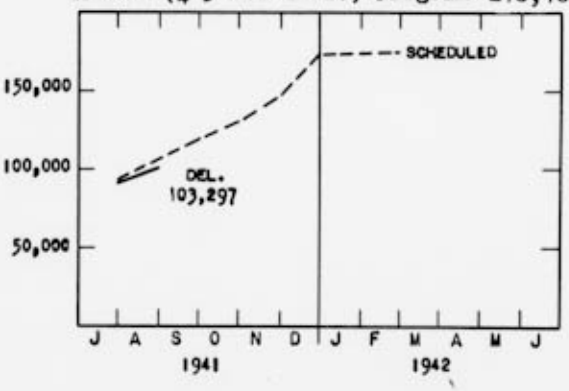
Passenger Cars. Program - 4,922



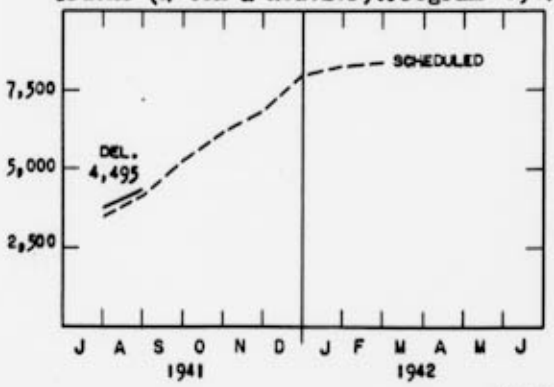
Ambulances. Program - 6,176



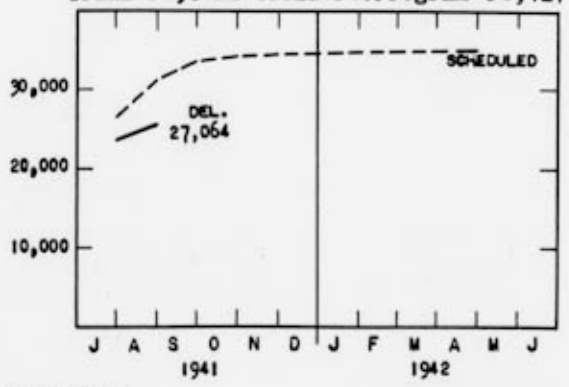
Trucks ($\frac{1}{4}$-3 ton incl.) Program- 178,760



Trucks (4-ton & heavier).Program- 8,694



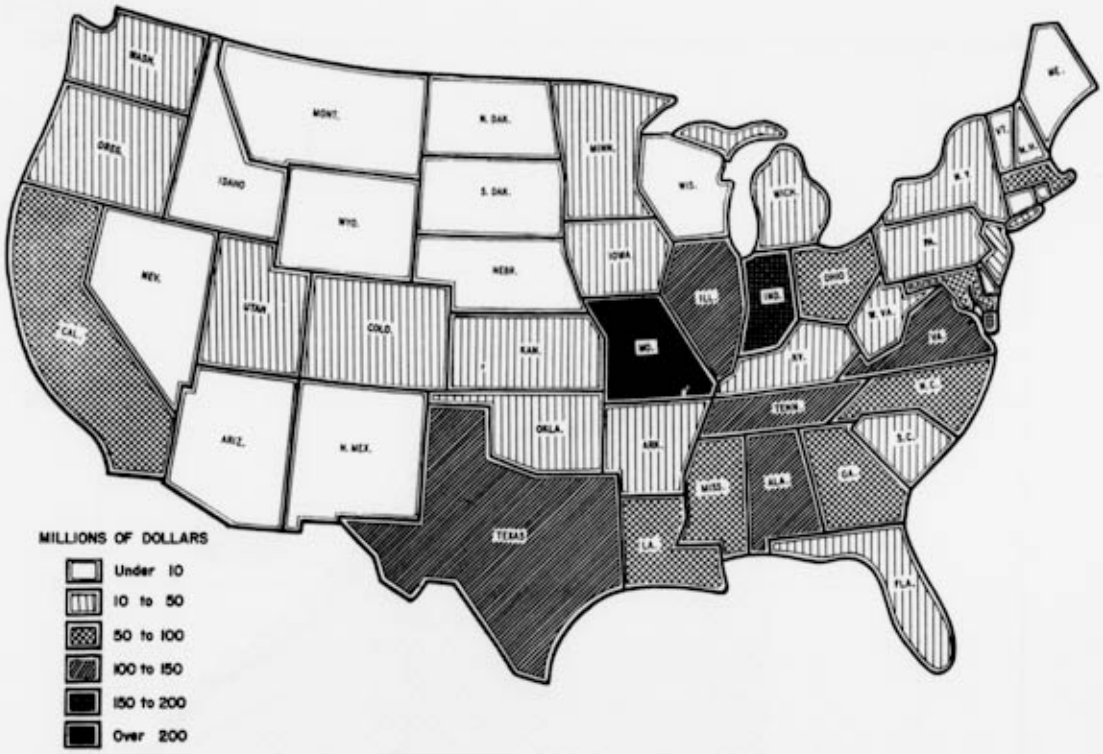
Trailers,Semi-trailers.Program- 36,717



Statistics Branch
OUSW - 9-6-41

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

Source: Statistics Branch, Office of the Quartermaster General



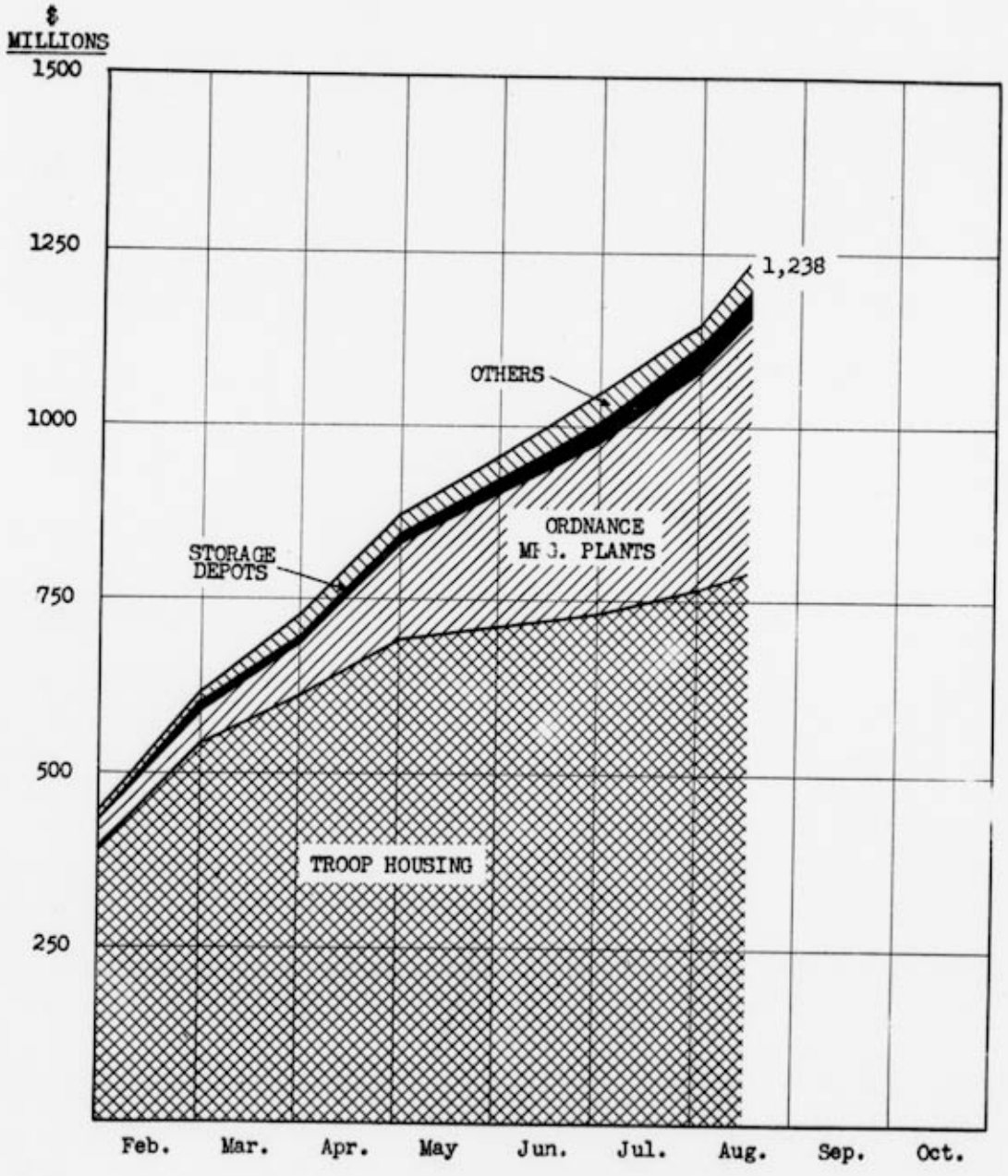
COST PER STATE IN MILLIONS OF DOLLARS

Ala.	105.8	Iowa	46.8	Nebr.	0.4	R.I.	2.0
Ariz.	5.3	Kan.	16.5	Nev.	0.4	S.C.	35.5
Ark.	43.9	Ky.	25.9	N. H.	1.5	S. Dak.	0.4
Cal.	93.8	La.	96.0	N. J.	36.4	Tenn.	110.8
Colo.	23.0	Me.	1.3	N. Mex.	9.1	Texas	133.3
Conn.	0.0	Md.	67.4	N. Y.	45.4	Utah	34.6
Del.	1.2	Mass.	65.1	N. C.	67.9	Vt.	1.8
Fla.	35.4	Mich.	18.8	N. Dak.	0.0	Va.	112.3
Ga.	63.8	Minn.	19.1	Ohio	85.4	Wash.	30.3
Idaho	0.0	Miss.	53.5	Okla.	12.4	W. Va.	16.6
Ill.	125.0	Mo.	218.5	Oreg.	14.1	Wis.	0.0
Ind.	154.7	Mont.	0.0	Pa.	42.5	Wyo.	7.5

Statistics Branch
OUSW - 9-6-41

DIAGRAM - Q. M. C. CONSTRUCTION IN PLACE - August 15, 1941

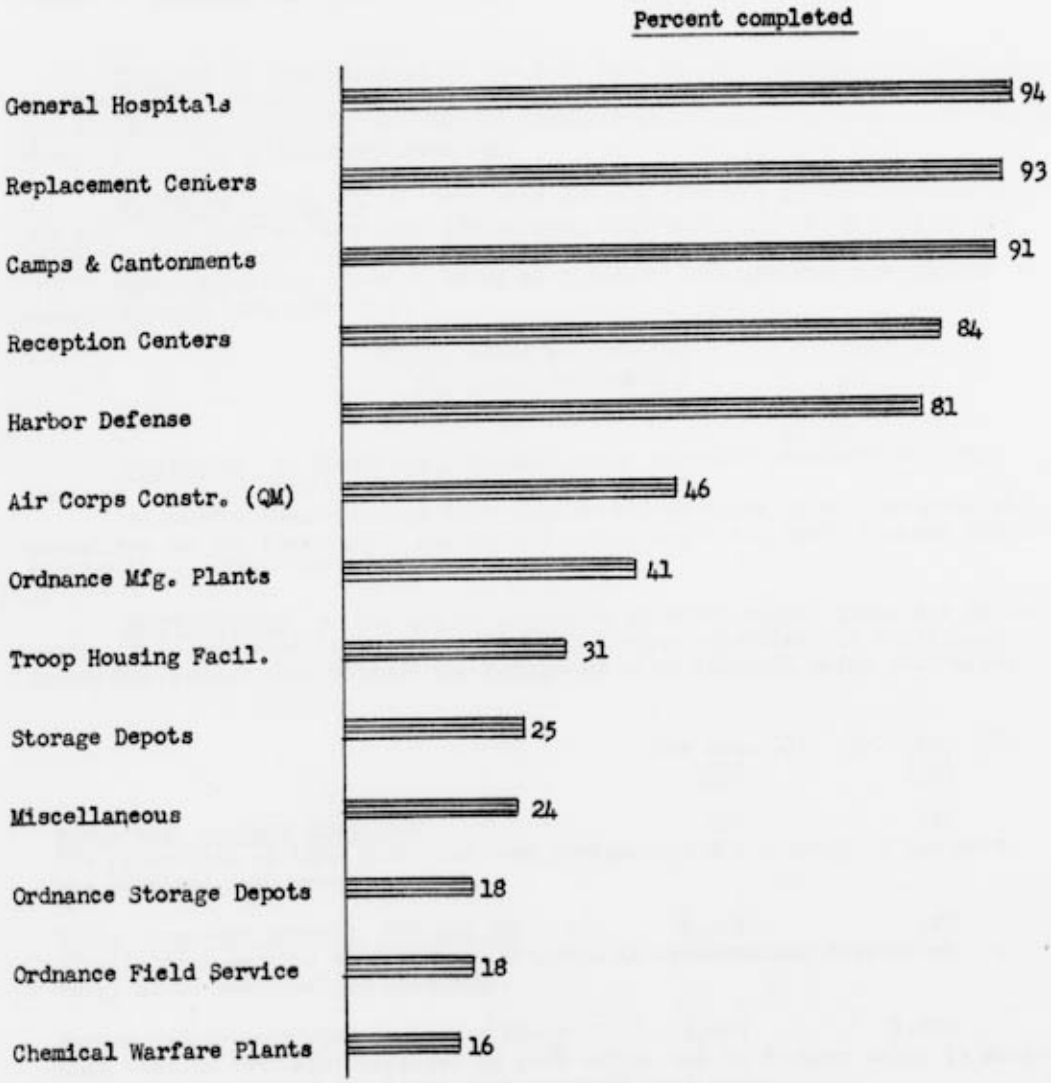
Source of Information: Construction Division, Office of Quartermaster General



Statistics Branch
OUSW - 9-6-41

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

Source: Statistics Branch, Office of the Quartermaster General



*Based on estimated cost

Statistics Branch
OUSW - 9-6-41

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - AUGUST 30, 1941

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

PROGRAM - The revision of the F.Y. 1942 aircraft signal equipment program has been completed. Program figures in this report have been revised and now include all quantities on the F.Y. 1941, Regular F.Y. 1942 and First Supplemental F.Y. 1942 procurement programs.

STATUS OF CONTRACTS - Contracts for all aircraft signal equipment on the F.Y. 1941 program have been awarded, and deliveries are being made on all of these items except four upon which complete delivery has been received.

Three important aircraft items on the F.Y. 1942 program were placed under contract last week; i.e. -

29,283 Radio set SCR-515
665 Radio set SCR-520
500 Radio set SCR-540

DELIVERIES - There are remaining under contract seventeen aircraft items on the F.Y. 1941 procurement program.

Deliveries were received last week on ten of these items including all except two of the items which are behind schedules; i.e., Radio Compass SCR-269 and Frequency meter set SCR-211.

DELINQUENCIES - Six out of seventeen aircraft signal items are delinquent. Some of these items are appreciably behind schedules but sufficient quantities are on hand to meet the requirements of aircraft being delivered.

	Due Aug. 31, 1941	Del. Aug. 30, 1941
Radio set, Command SCR-274-N	650	330

The production of this radio has been accelerated and a total of 110 sets was received last week.

Radio compasses SCR-263, 269 and 280	1,481	489

Signal Corps reports considerable progress in accelerating deliveries. A total of 28 was received last week.

Marker beacon receiving equipment RC-43	1,850	1,006

This item is now being received in good volume and no further delay is anticipated. A total of 322 items were received last week.

Frequency meter set SCR-211	1,023	119

Frequency meters are being procured for both aircraft and ground use. Figures do not represent total due or delivered. Two contractors are involved, Bendix Radio and Allen D. Cardwell. The latter contractor was delayed by labor and material difficulties and has just started deliveries. Deliveries are now being made in good volume by Bendix Radio.

Signal Corps
Statistics Branch
OUSW - 9-6-41

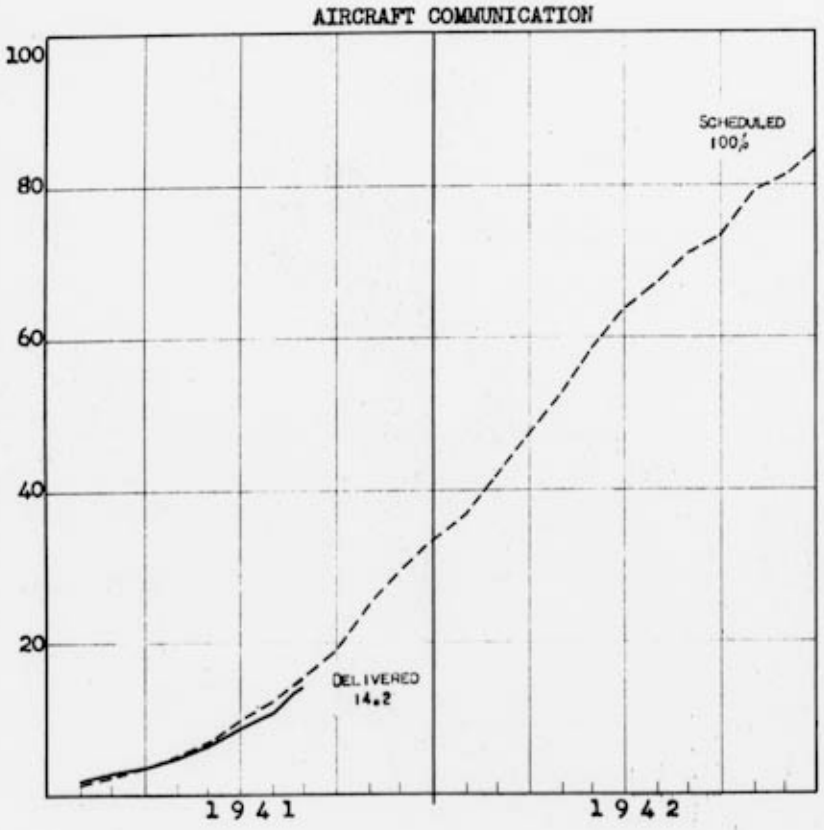
INDEX OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AUGUST 30, 1941

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

Index shows status of Signal Corps procurement of Aircraft Communication Equipment for the F.Y. 1941.

Figures are based upon the scheduled and actual deliveries of thirty-three critical items and components, which have been weighted according to the estimated unit cost of each.

Curves compare scheduled with actual accomplishment of the program, by month, on a cumulative basis.

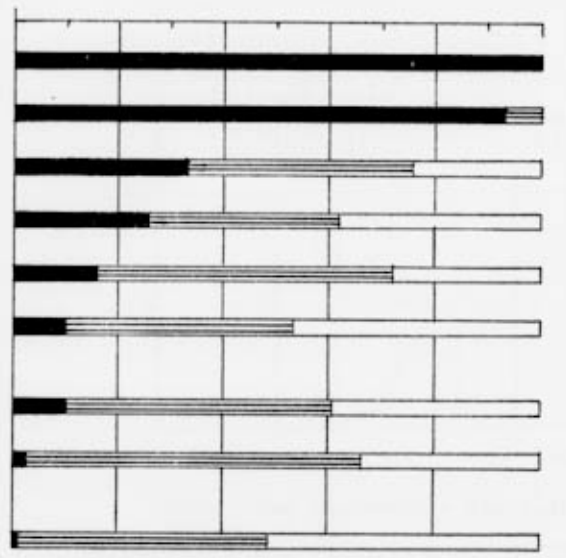


Statistics Branch
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SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - AUGUST 30, 1941

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

Item	F.Y 1941 & 1942 program*
AIRCRAFT COMMUNICATION:	
Microphone T-20	4,500
Headset HS-23	40,000
Interphone equipment	28,963
Filter equipment RC-32	60,760
Microphone T-30	146,672
Radio sets (total)	65,165
Marker beacon rec'g equipment	15,296
Radio compass	13,720
Frequency meter set SCR-211	12,738



Contracted Delivered Not Contracted

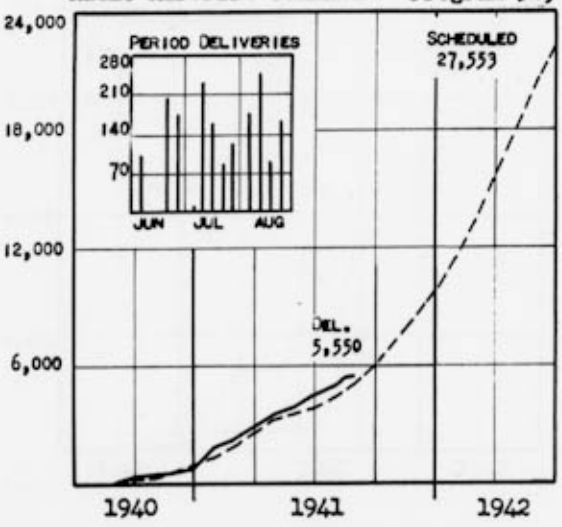
* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

Statistics Branch
OUSW - 9-6-41

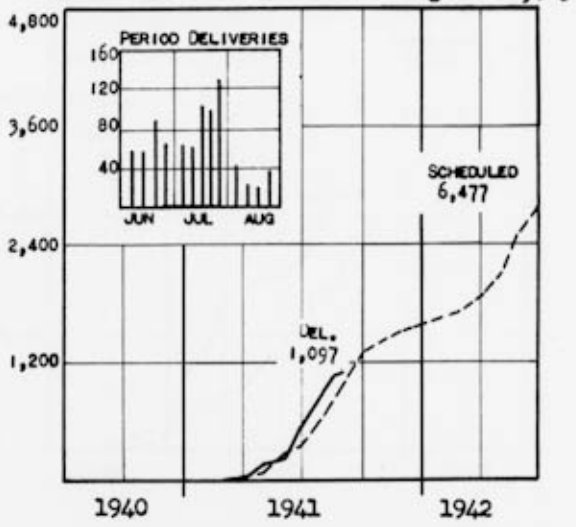
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
AUGUST 30, 1941

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

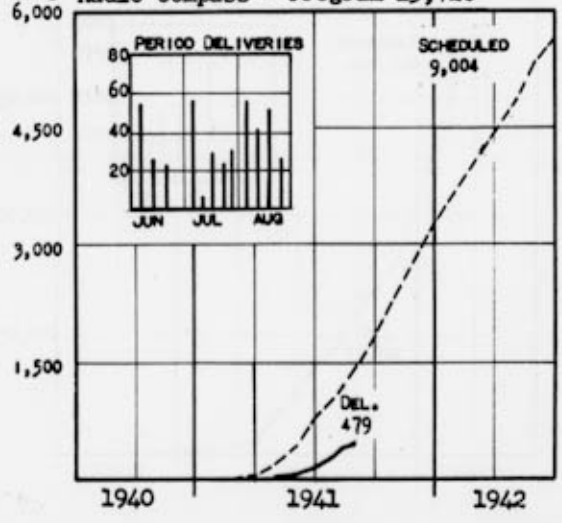
Radio Aircraft Command - Program 52,202



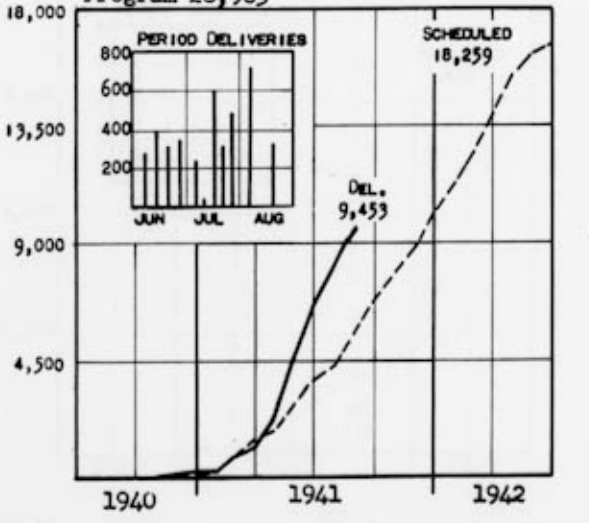
Radio Aircraft Liaison - Program 12,963



Radio Compass - Program 13,720



Interphone Equipment - Aircraft
Program 28,963

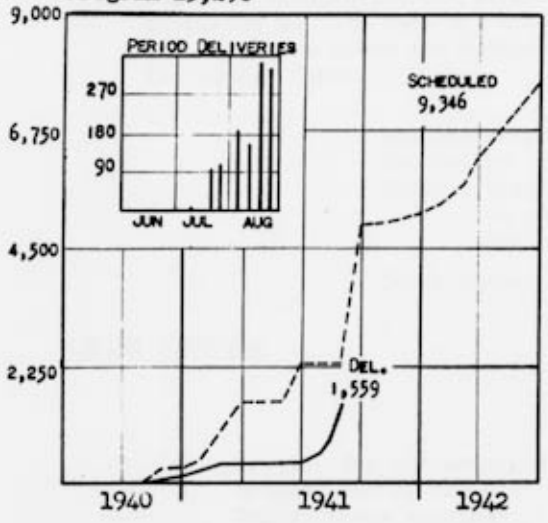


Statistics Branch
OUSW - 9-6-41

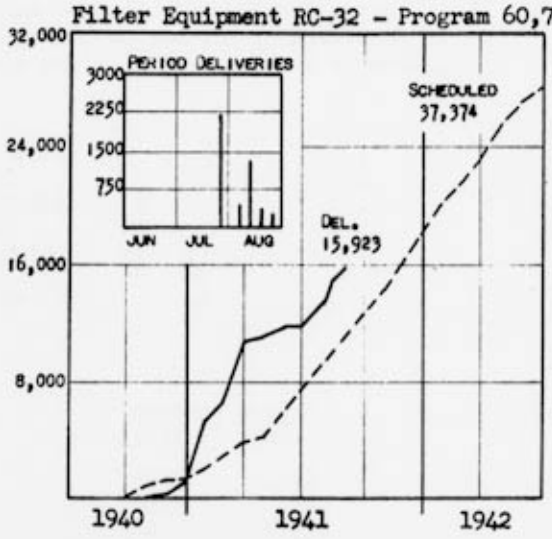
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
AUGUST 30, 1941

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

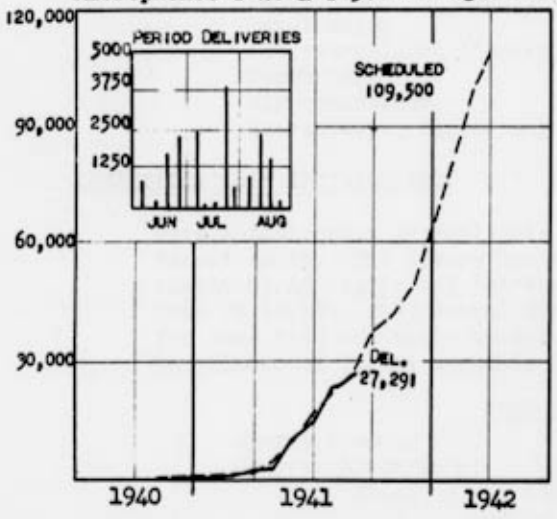
Marker Beacon Receiving Equipment
Program 15,296



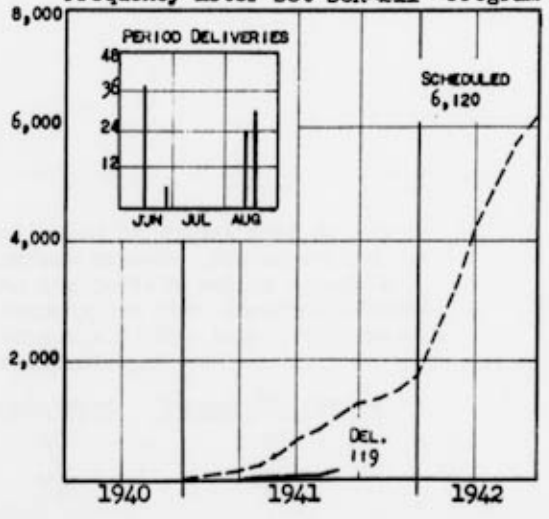
Filter Equipment RC-32 - Program 60,760



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



Frequency Meter Set SCR-211 - Program 12,738



Statistics Branch
OUSW - 9-6-41

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

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

GENERAL

There are only 17 Engineer items which were active during the month of August. Of these, three became inactive because old contracts were completed and new ones are not yet scheduled to start. In addition, 11 of the active items are behind schedule while one is ahead of schedule. In tabular form:

Program completed		7
Not active in August		22
Active, ahead of schedule	1	
on schedule	5	
behind schedule	11	17
Total number of items		46

BEHIND SCHEDULE

	Percent behind	
	July 31	August 30
Trailer for 60" searchlight	96	92
Bridge, steel, trestle	60	75
Crane, truck mounted	0	63
18" searchlight	34	34
5 kva lighting equipment	30	30
Duplicating equipment, 22" x 33"	0	30
Earth auger	10	23
60" searchlight (Sperry)	28	19
Footbridge	6	12
Air compressor	12	11
Stereoscope, mirror magnifying	Ahead	9

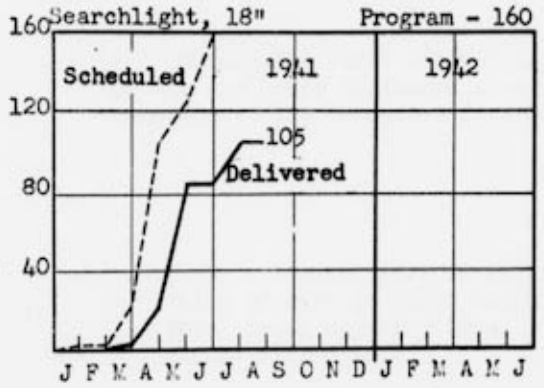
SEARCHLIGHT 60" ANTIAIRCRAFT

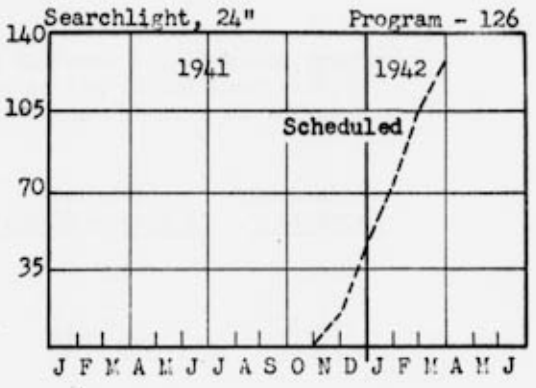
More antiaircraft searchlights were delivered in August than in any recent month. The Sperry Gyroscope Company exceeded its scheduled amount by 48 lights and thereby reduced its percent behind schedule from 28 to 19. The General Electric Company has been ahead of schedule for some time and again exceeded its schedule during August to increase the number of lights ahead to 43. For August:

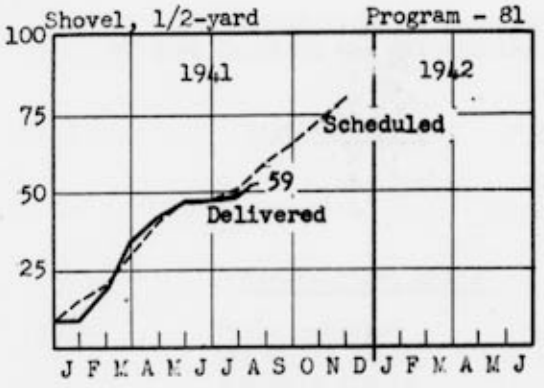
	Scheduled	Delivered	Excess deliveries
Sperry Company	60	108	48
General Electric	75	94	19
Total	135	202	67

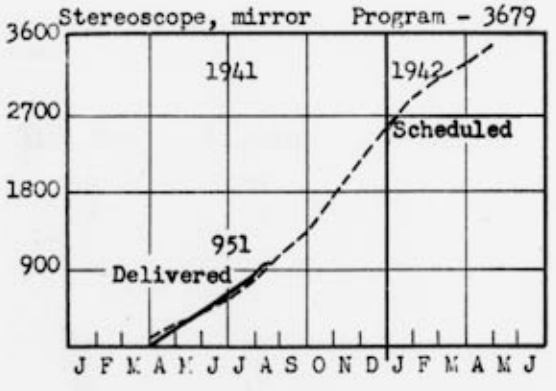
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH-AUGUST 31, 1941

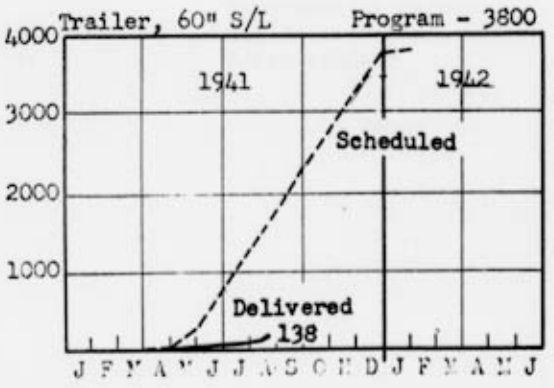
Source of Information: Office of the Chief of Engineers

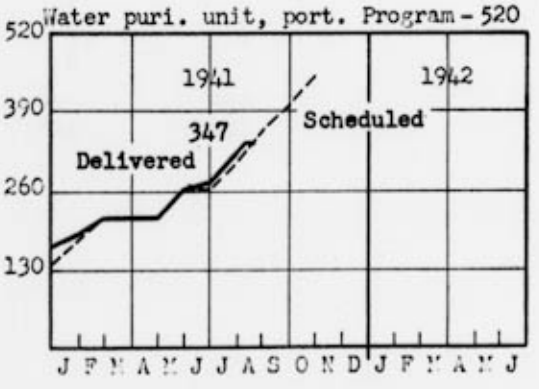












TEXT SUMMARY - CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS, AUGUST 15, 1941

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

During the first half of August the Engineer construction program of the Air Corps increased almost as much as the actual construction completed. The increases from July 31 to August 15 were as follows:

	Increase July 31-August 15	Cumulative to date
Total estimated cost in millions	21	644
Value of work in place (millions)	25	269
Total troop capacity (men)	14,454	334,855
Number of projects	5	130

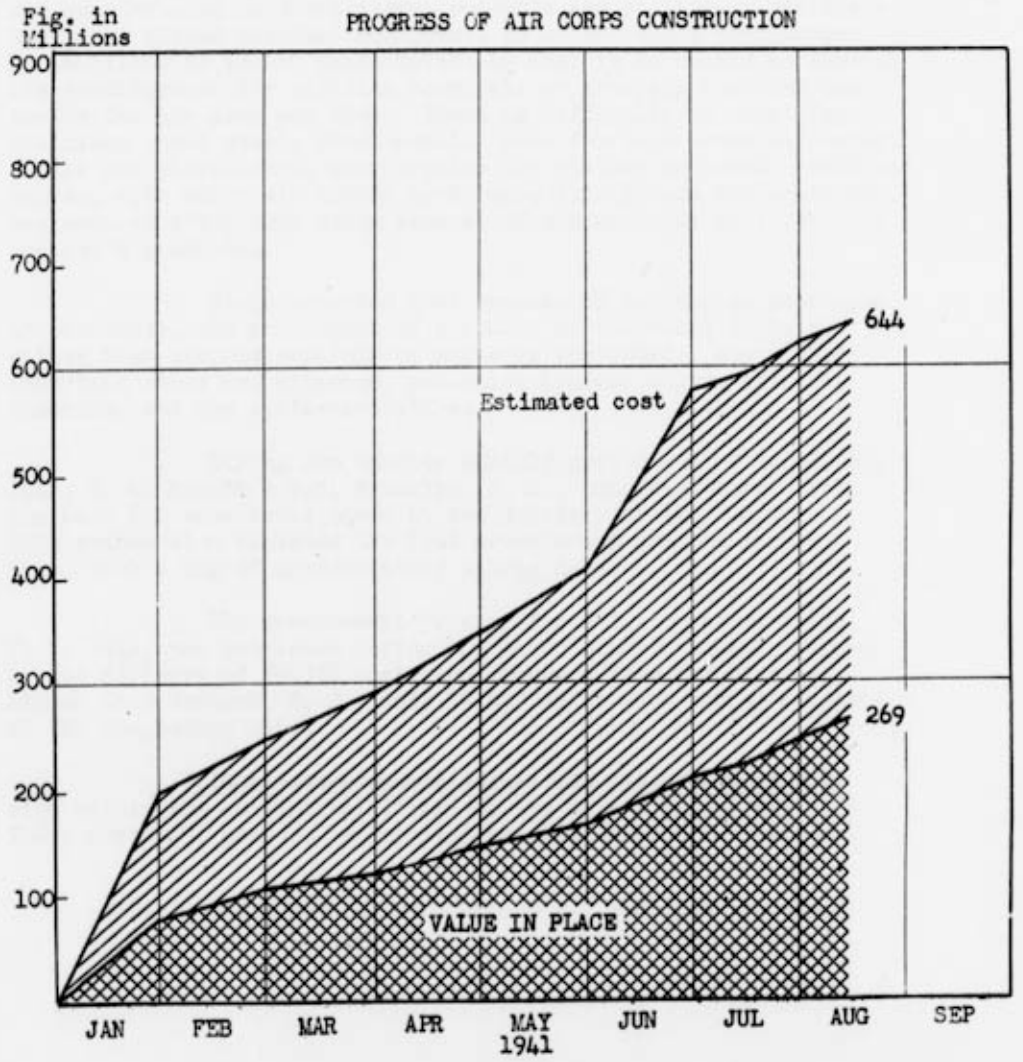
The 644 millions of estimated cost and the 269 millions of value of work in place are distributed as follows:

Tactical units	No.	Est. cost	In place
G. H. Q. air force	48	198	139
Observation	13	9	2
Non-tactical units			
Pilot schools	42	161	44
Air Corps depots	11	101	18
Assembly plants	4	76	17
Technical schools	6	72	41
Experimental depots	1	12	4
Replacement centers	2	9	4
Ferry command	3	6	--
Total	130	644	269

Statistics Branch
OUSW - 9-6-41

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

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



Corps of Engineers

Statistics Branch
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TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED SEPTEMBER 6, 1941

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

The American Sterilizer Co., of Erie, Pa., the largest manufacturer of sterilizers, portable and stationary disinfectors, and allied hospital equipment, is so seriously handicapped by inability to secure basic materials that it is unable to furnish its requirements for civilian hospitals or promptly complete contracts for the Army and Navy. There is difficulty in obtaining stainless sheet steel, Monel metal, brass for both inner and outer shells for sterilizers, and chromium for plating purposes. Jenkins' valves, with which all modern up-to-date sterilizers are equipped, are secured after much delay because of the enormous call for this company's products.

It is reported that because of increasing shortages of chemicals, the production of a number of essential drugs has either been stopped entirely or markedly curtailed. Among these important items are vitamins, potassium iodide, silver nitrate, atabrine, and the sulfa-derivatives.

During the quarter monthly period ending August 23, 1941, E. R. Squibb & Son, Brooklyn, N. Y., completed their last contract for anesthetic ether by the delivery of 129,200 tins. This transaction finishes the 1941 procurement program for this item, with a lag of approximately thirty days.

The procurement program for 933,553 pajama suits, F. Y. 1941, was completed during the third quarter monthly period by the delivery of 80,352 coats and trousers from the Sigmund Eisner Co., Redbank, N. J. Only 19,648 suits were behind schedule at the completion date.

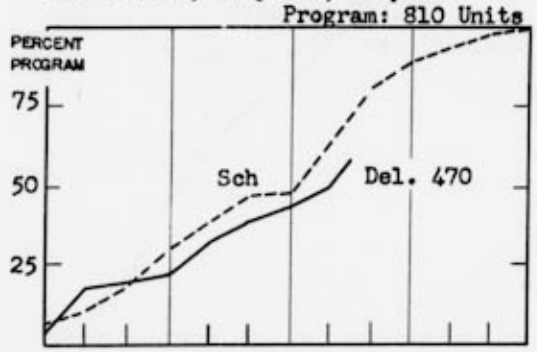
In the week ending August 28, the percentage of sick within the continental limits of the United States was 3.35. There were 2.91 percent in hospital and .44 percent in quarters.

ICAL DEPARTMENT - DELIVERY STATUS - SIX CRITICAL ITEMS - AUGUST 15, 1941

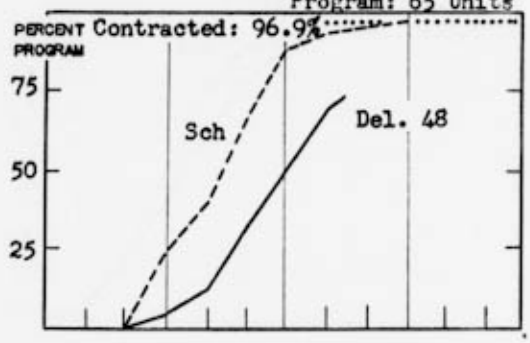
Source of Information: Medical Department Procurement Progress Reports

Unless otherwise indicated, the 1941 program on these items is completely contracted.

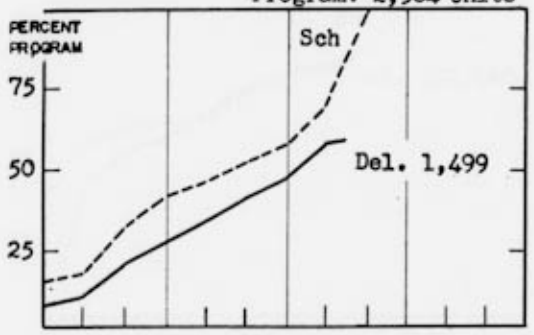
Sterilizer, hospital, complete
Program: 810 Units



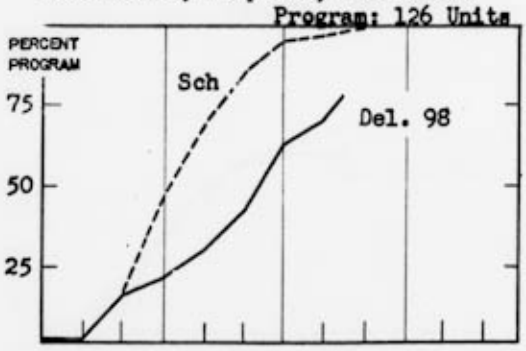
Sterilizer, hospital, dressing
Program: 65 Units



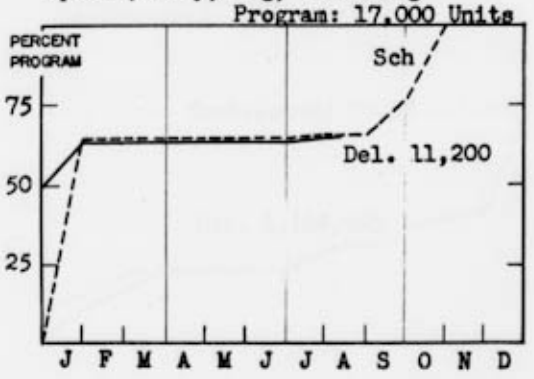
Sterilizer, hospital, utensil
Program: 2,564 Units



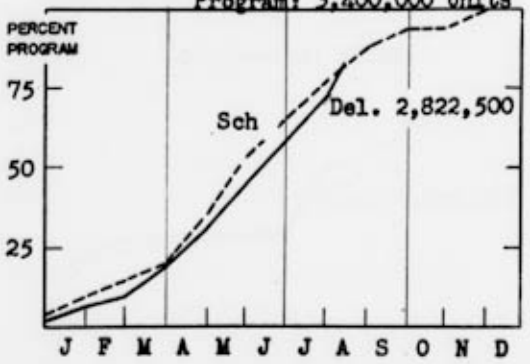
Sterilizer, hospital, instrument
Program: 126 Units



Splint, Army, leg, half-ring
Program: 17,000 Units



Packet, first aid
Program: 3,400,000 Units



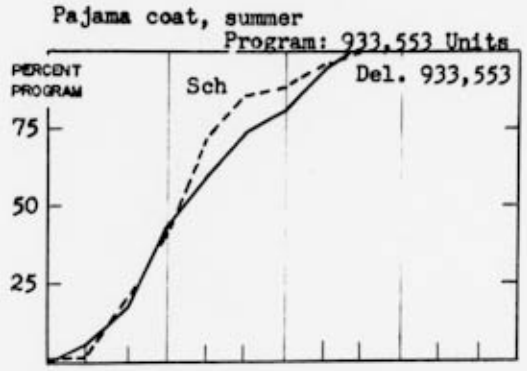
Medical Department

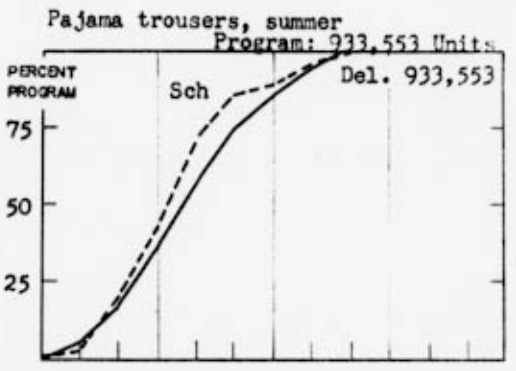
Statistics Branch
OUSW - 9-6-41

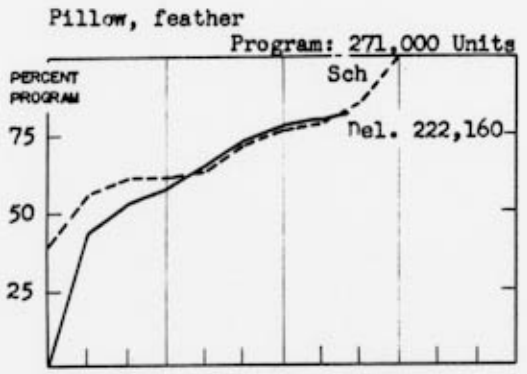
AL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - AUGUST 23, 1941

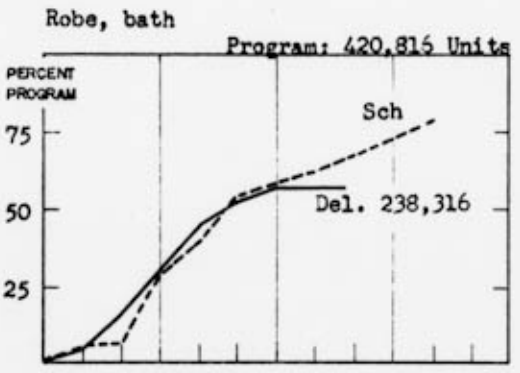
Source of Information: Medical Department Procurement Progress Reports

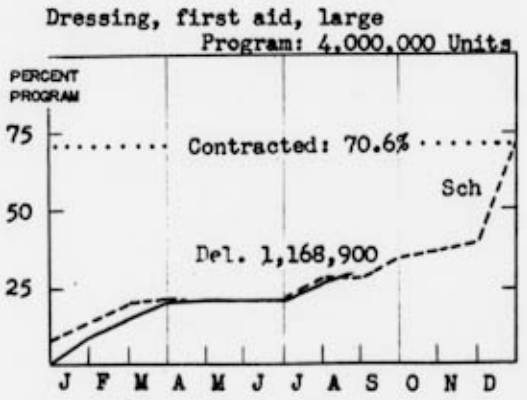
Unless otherwise indicated, the 1941 program on these items is completely contracted.

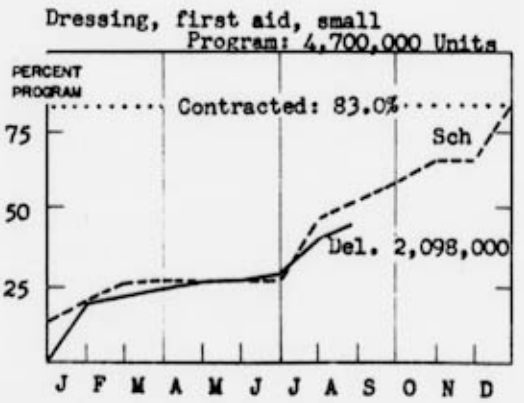








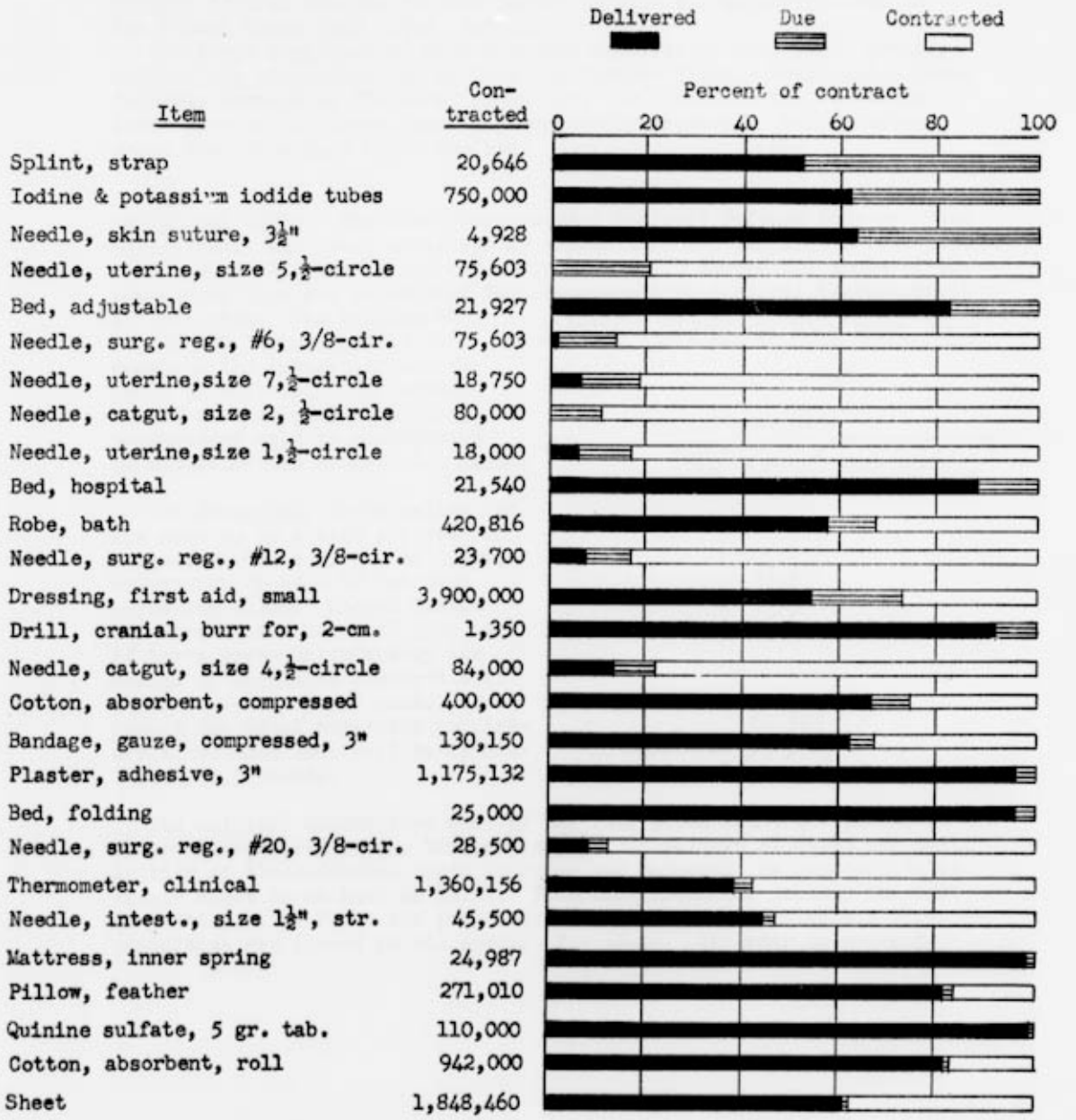




Statistics Branch
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MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - AUGUST 23, 1941

Source of Information: Medical Department Procurement Progress Reports



Item	Contracted
Splint, strap	20,646
Iodine & potassium iodide tubes	750,000
Needle, skin suture, 3½"	4,928
Needle, uterine, size 5, ½-circle	75,603
Bed, adjustable	21,927
Needle, surg. reg., #6, 3/8-cir.	75,603
Needle, uterine, size 7, ½-circle	18,750
Needle, catgut, size 2, ½-circle	80,000
Needle, uterine, size 1, ½-circle	18,000
Bed, hospital	21,540
Robe, bath	420,816
Needle, surg. reg., #12, 3/8-cir.	23,700
Dressing, first aid, small	3,900,000
Drill, cranial, burr for, 2-cm.	1,350
Needle, catgut, size 4, ½-circle	84,000
Cotton, absorbent, compressed	400,000
Bandage, gauze, compressed, 3"	130,150
Plaster, adhesive, 3"	1,175,132
Bed, folding	25,000
Needle, surg. reg., #20, 3/8-cir.	28,500
Thermometer, clinical	1,360,156
Needle, intest., size 1½", str.	45,500
Mattress, inner spring	24,987
Pillow, feather	271,010
Quinine sulfate, 5 gr. tab.	110,000
Cotton, absorbent, roll	942,000
Sheet	1,848,460

Statistics Branch
OUSW - 9-6-41

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS AUGUST 29, 1941

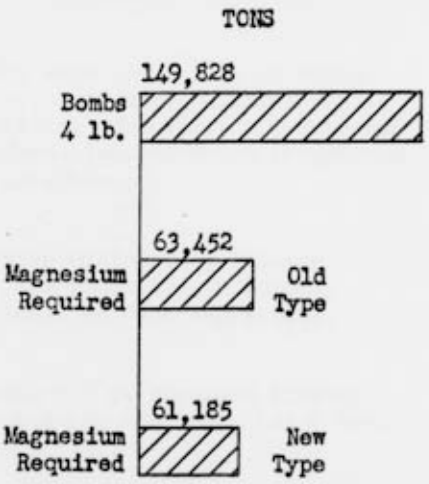
Source of Information: Chemical Warfare Service Reports

PROGRAM figures carried in this report include all Appropriations in the Fiscal Years 1940, 1941, and 1942.

The First Supplemental Appropriation Act, Fiscal Year 1942, greatly affects the classification of Chemical Warfare items. Twenty-nine items formerly carried as "Critical Items" are now placed in the "Essential Item" list on the basis that they are easily procured. Only nineteen items were increased under the act.

INCENDIARY BOMBS: The First Supplemental National Defense Appropriation Act, Fiscal Year 1942, calls for an expenditure for 74,913,935 four-pound type bombs. A total of approximately 24,913,935 Incendiary Bombs of the four-pound type are authorized for procurement by Chemical Warfare Service at this time. The balance of 50,000,000 bombs required to complete the estimated requirements is deferred. Subsequent decisions involving additional procurement will be accompanied by sub-allotment of Ordnance funds.

PROGRAM - 74,913,935 FOUR-POUND BOMBS



The Incendiary Bombs called for are made up of a high per cent of magnesium, the body and tail plug being made up of a 98 per cent magnesium alloy. Recent design has developed a new tail plug, and if tests prove satisfactory the amount of magnesium required will be decreased by 4 per cent. As a result the total magnesium requirements for each bomb will be approximately 1.5 pounds.

The original expenditure cost of the four-pound bombs was placed at $2 per unit, based on the British cost of manufacture of $1.75 per unit. In view of the different costs in labor and material, an appropriate estimate might be as much as $3.50. This cost doesn not include the cost of packing. The bombs are packed in containers, 30 bombs each. Three containers are placed in the cradle of a plane. In order to prevent

corrosion the bombs must be packed in rust-resistant containers. The type of metal used in this container has not been determined, but a substitute for the tin plate used by the British is contemplated.

There are 2,160,680 of the forty-pound type called for under the expenditure program; however, it is reported that these bombs will not be produced because recent tests proved them to be impractical.

GAS MASKS: In the last quarter of August, there were delivered 27,984 Service and 5,070 Training Masks. It is reported that the shortage of lenses is delaying the remaining 791 Optical Masks required to complete all 1941 contracts.

MUSTARD GAS: The Mustard Gas production for this week is reported as 132.4 tons. This delivery completes 28 per cent of the amount placed under contract.

WHITE PHOSPHORUS: It is reported that there were 159.4 tons of White Phosphorus delivered during the last quarter of August, making a total delivery of 681 tons against existing contracts. The First Supplemental Appropriation Act provides for 5,884 additional tons of White Phosphorus as compared to 3,084 tons in the previous programs.

PROTECTIVE OINTMENT: Production of Protective Ointment by Wallace Tierman amounts to 192 three-ounce tubes. The Globe Crayon Company reports a delivery of 120,080 eight-ounce tubes of Shoe Impregnite.

IMPREGNITE "I": The production of Impregnite "I" at Edgewood Arsenal amounts to 13 tons. Only 8 tons were accepted and the remaining 5 tons are still undergoing inspection.

SMOKE POTS: It is reported that 10,830 Smoke Pots that were previously inspected and accepted have been found to be faulty and cannot be used; therefore, they have been rejected.

VARIOUS DELIVERIES: There were also 410 Irritant Candles and 23 Regimental Repair Kits delivered. The production of Dust Respirators by Wilson Products amounts to 12,000 units.

PROCUREMENT PROGRESS
CHEMICAL WARFARE MATERIEL
FISCAL YEARS 1940-41-42

CRITICAL ITEMS

Source of Information: Chemical Warfare Service

August 29, 1941

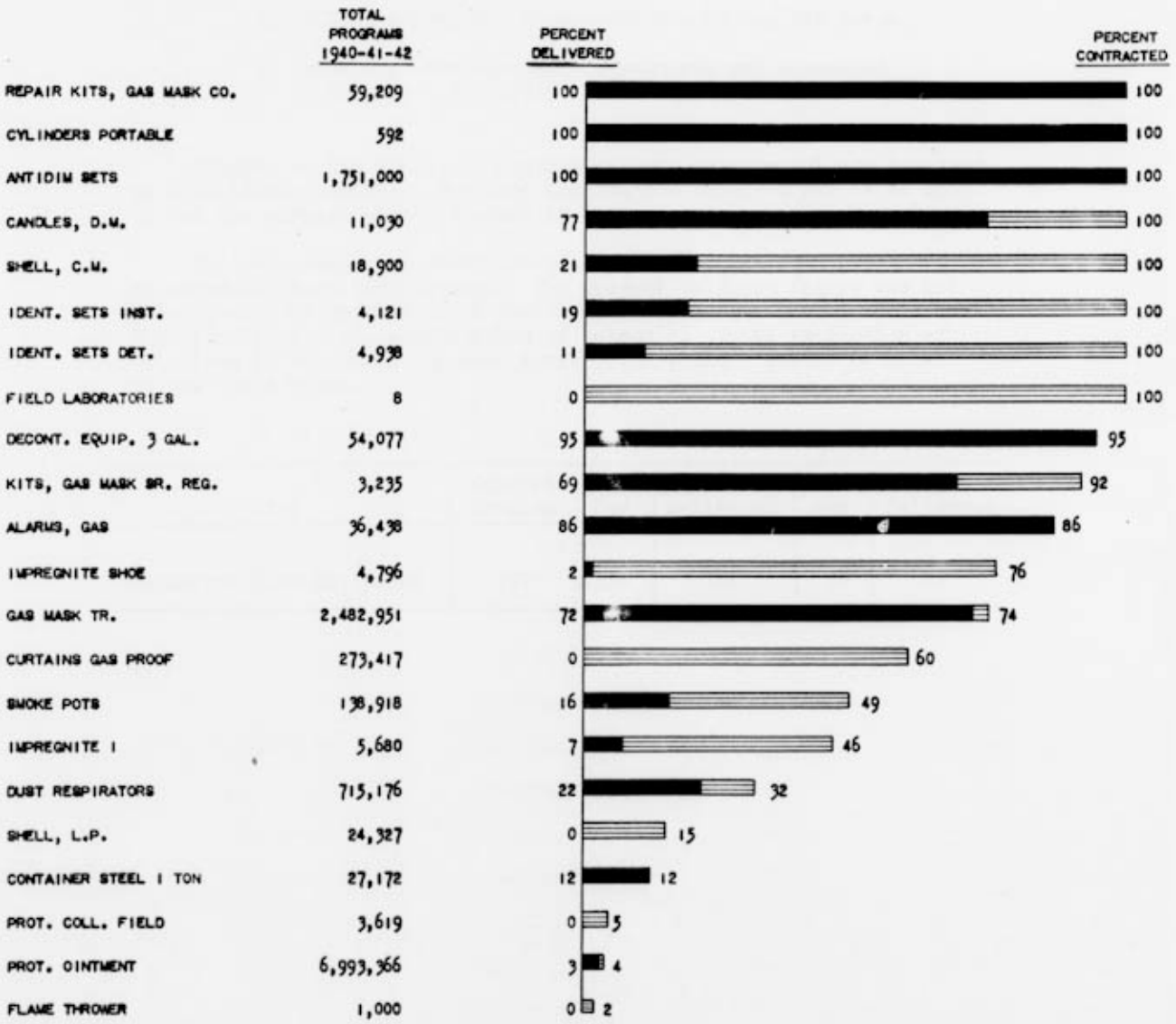
	TOTAL PROGRAMS 1940-41-42	PERCENT DELIVERED	PERCENT CONTRACTED
MASK, GAS, DIAPHRAGM	1,360,802	68	100
MASK, GAS, OPTICAL	116,623	99	100
CANISTER, OPTICAL	46,362	17	100
CANISTER DIAPHRAGM	482,478	16	100
MASK, GAS, SERVICE	3,496,234	60	60
CANISTER, SERVICE	1,511,183	21	86
MUSTARD GAS (TONS)	22,930	14	50
WHITE PHOSPHORUS (TONS)	8,968	8	34
F.S. SMOKE (LBS.)	1,603,700	33	33
AIRPLANE TANKS M10	22,840	0	26
AIRPLANE TANKS M20	940	0	17
AIRPLANE TANK M21	940	0	17
AGENT BLEACH (TONS)	1,967	5	11
AGENT NON-CORR. (GAL.)	1,158,395	3	7
APPARATUS DEC. POWER	1,184	0	1
C.G. GAS (TONS)	14	0	
LEWISITE (TONS)	2,238	0	
CNS GAS (TONS)	1,265	0	
INCENDIARY BOMBS BR 4	74,913,935	0	
INCENDIARY BOMBS BR 40	2,160,680	0	

PROCUREMENT PROGRESS
CHEMICAL WARFARE MATERIEL
FISCAL YEARS 1940-41-42

SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

August 29, 1941



Chemical Warfare Service

Statistics Branch
OUSW - 9-6-41

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH AUGUST 30, 1941

Source of Information: Office, Chief of Coast Artillery

The Coast Artillery Expenditure Program is concerned chiefly with the procurement of the following items:

1. Balloon barrages - to be procured by the Air Corps.

2. Submarine mine equipment - procured and assembled by the Coast Artillery Service Army.

Reports on the status of barrage balloon procurement are received in this office monthly. The last information received was as of July 31 and has already been presented in this report.

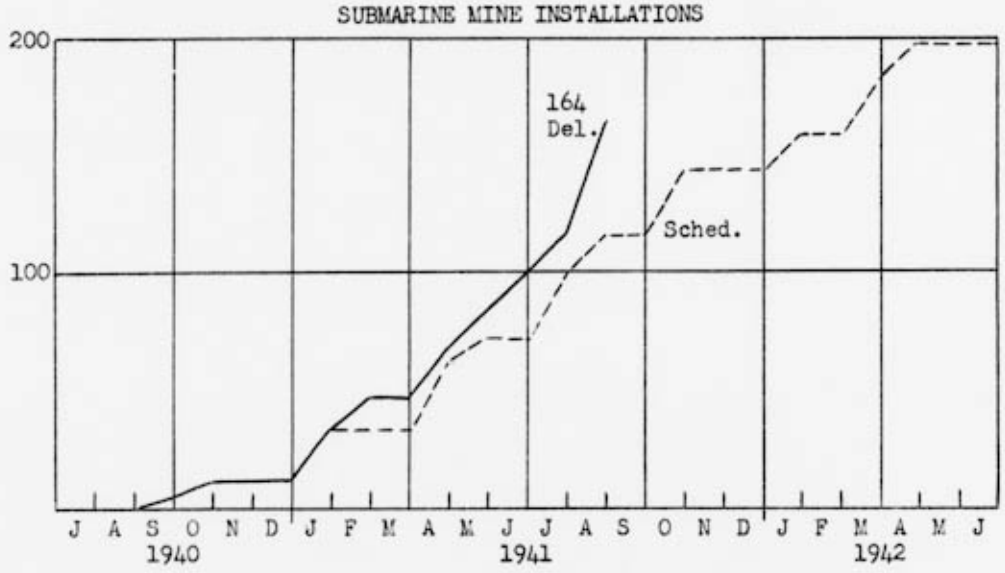
The procurement of submarine mine equipment has remained ahead of schedule since last January. The present delivery figure was not scheduled to be reached until the first week of next March; therefore the item is over six months ahead of schedule. Total completion of this item is scheduled for next April. The present status is shown in the table below.

Item	Current Program	August 30		Percent	
		Due	Delivered	Due	Delivered
Submarine Mine Equipment	197	116	164	59	83

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - AUGUST 30, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and actual installations of submarine mine groups. With it is a table of locations and, for undelivered groups, completion dates of the 13 projects.



COMPLETED GROUPS

Location of project	Number of groups
Chesapeake Bay	28
Manila	28
Sandy Hook	23
Balboa	16
Cristobal	15
San Francisco Bay	14
Narragansett Bay	12
Boston	9
Columbia River	7
Portsmouth	6
Delaware Bay	6
	164

UNDELIVERED GROUPS

Location of project	Number of groups	Completion date
Delaware Bay	19	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	33	