

War: Reports Weekly Statistical

6/21-7/5/41

*PSF  
War*

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## WEEKLY STATISTICAL REPORT

### SUMMARY

No. 51

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*Leonard P. Ames*  
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OFFICE OF THE ASSISTANT SECRETARY OF WAR  
WAR DEPARTMENT

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Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 51

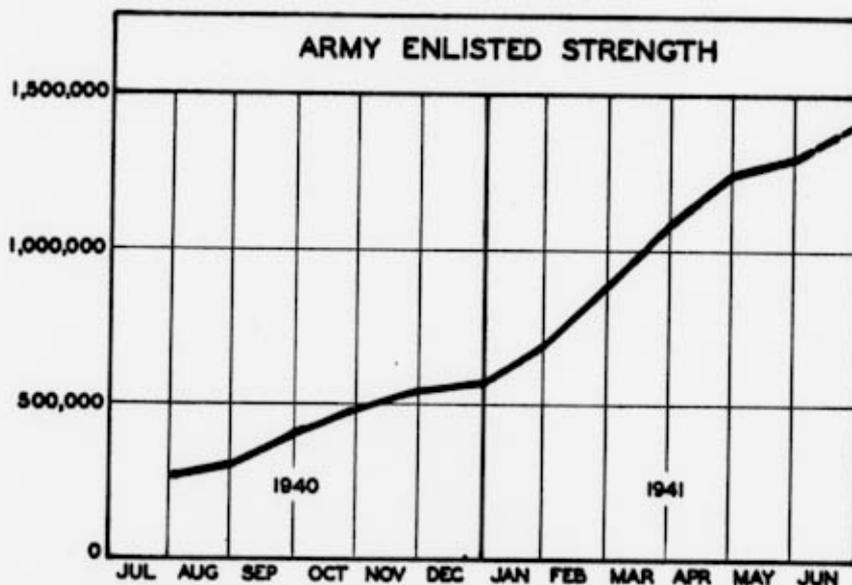
JUNE 21, 1941

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### BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures subsequent to May 15 are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

Source of Information: Statistics Branch, General Staff - June 15, 1941

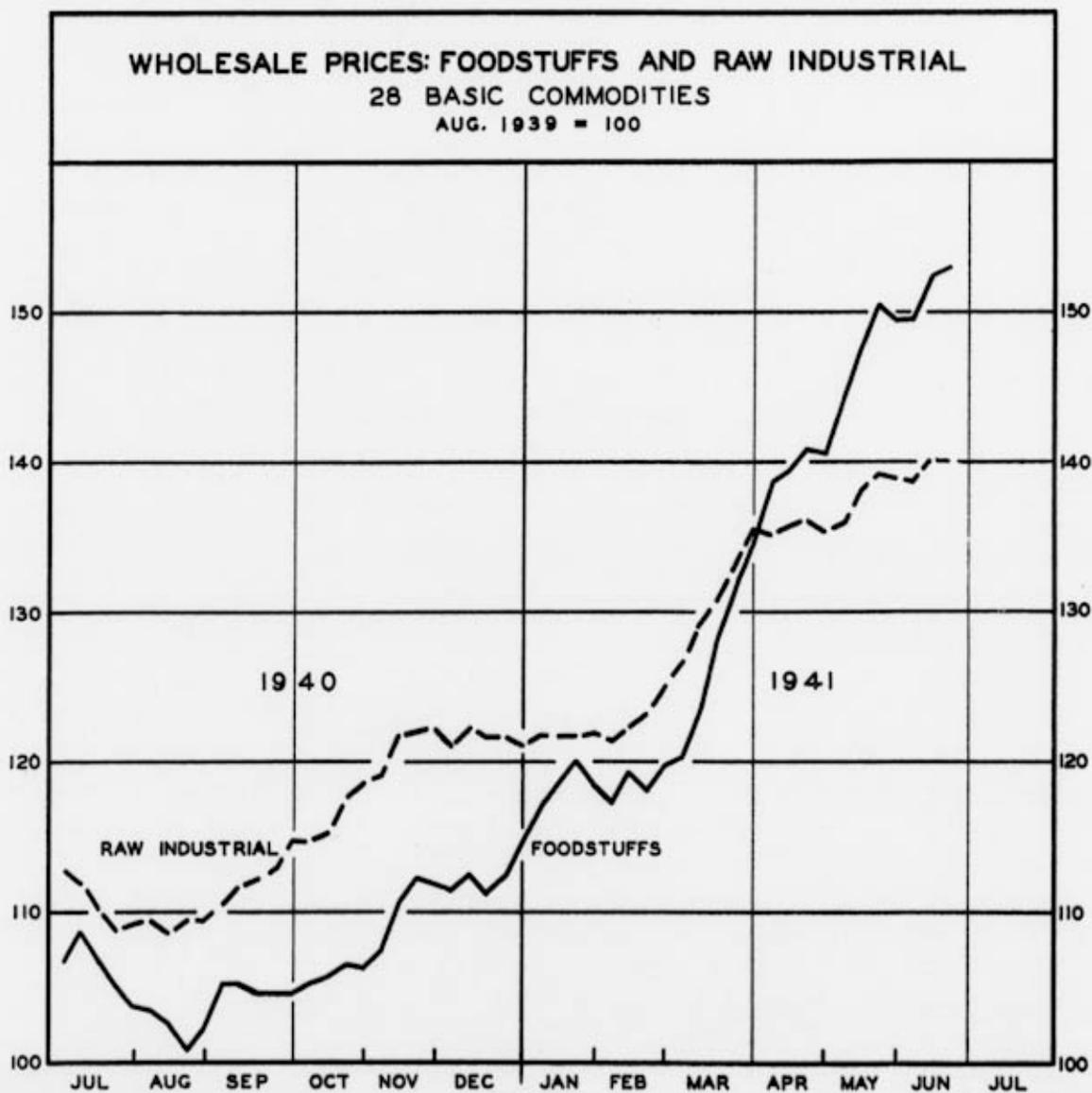


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	407,613
Oct.	483,218
Nov.	540,695
Dec.	573,520
Jan., 1941	693,578
Feb.	873,667
Mar.	1,068,030
Apr.	1,205,873
May	1,291,028
June	1,418,097

### PRICES

A new high since the outbreak of the war was reached in the basic commodity prices during the last week as the index rose to 146.2 percent of the August, 1939 average. Prices of raw industrial materials increased slightly, to 140.6 during the past week, while foodstuffs again had a sharp increase and the index is now 153.9.

Source of Information: Bureau of Labor Statistics



Prices  
2

STATISTICS BRANCH  
OSW - WAR DEPARTMENT  
6-21-41

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. June 18, 1941

The consensus of editorial opinion is that the sinking of the Robin Moor does not call for shooting now. There is a disinclination to regard as a casus belli the torpedoing of a single merchant ship, however tragic and inexcusable the circumstances, but substantially all the commentators assert that steps must be taken to convince the Axis powers that a repetition of the incident is ill-advised. At the time of the emergency proclamation, editorial opinion strongly backed the President's policy of freedom of the seas, and the attitude of the commentators now is a natural outcome of their belief in that policy.

There is not as yet complete agreement as to the nature of the steps which should be taken to insure the safety of our shipping. Opinion ranges all the way from a belief that a firm attitude will be enough to a belief that we should employ the full force of our Navy at once. The recommendations obviously depend on the writer's estimate of Germany's intentions. In the past it has been generally assumed that Germany was not anxious to precipitate trouble but, in view of her recent attitude of belligerency in connection with the Robin Moor, this estimate of the situation is changing.

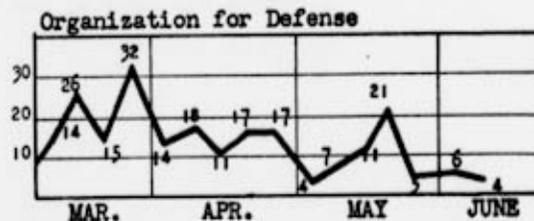
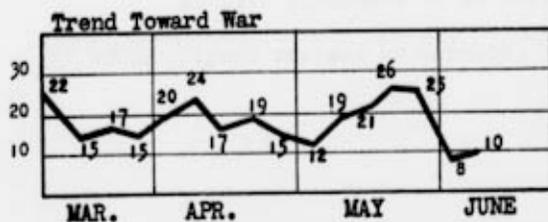
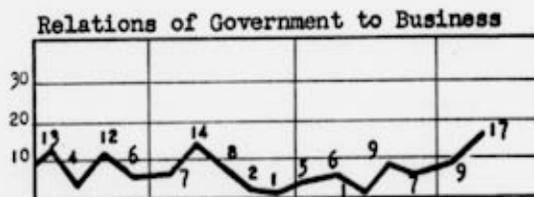
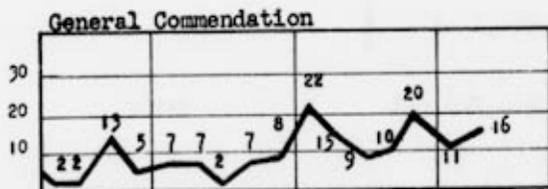
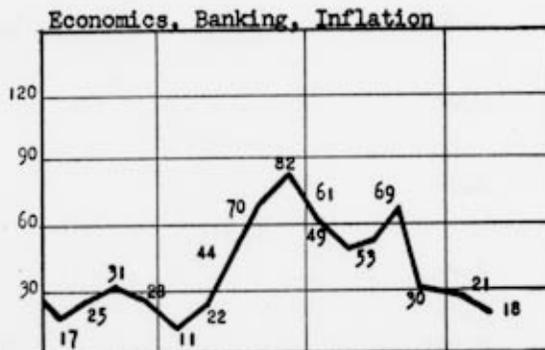
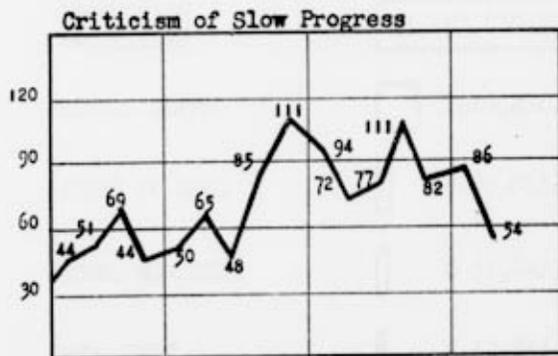
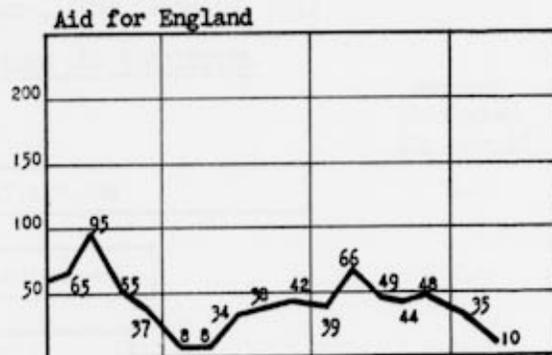
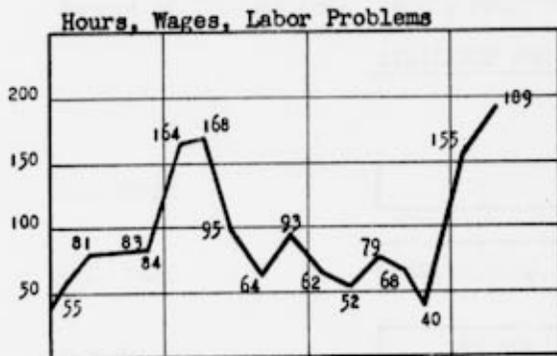
The line representing concern over labor problems has reached 189, a new high point, the previous high point being 168 in April. Revision of existing labor laws and new legislation are considered imperative. Nearly half the editorials on labor questions discuss Communist influences, a rapid change since April, when Communist elements received little attention.

TABULAR SUMMARY

<u>HOURS, WAGES, LABOR</u>	Tallies	<u>HOURS, WAGES, LABOR cont.</u>	<u>TREND TOWARD WAR</u>	
Strikes must stop	32	For Army seizure of NA	We are trending	4
President being defied	5	Against a seizure policy	Govt. keeping us out	1
Unfair to draftees	2	Communists want seizure	Dont wait for incident	1
Violence must stop	4	For uniform standards	R M not an incident	3
Leaders to blame	12	Against rail wage rise	Revenge R M some day	1
N'l leaders cooperating	6			
Nazi to blame	4	<u>THE EMERGENCY</u>	<u>GENERAL COMMENTATION</u>	
Communists to blame	35	Unconstitutional	Handling of R M trouble	2
Oust Communists	20	Congress disregarded	General production speed	9
Labor itself to blame	1	Foreign policy approved	Govt. labor policy	1
Mediation failing	2	Arm merchant ships	Mediation Board	4
Must accept mediation	3	Protect with Navy		
Cancel deferments	6	Make seas safe	<u>GENERAL CRITICISM</u>	54
For a black list	2	For closing consulates	<u>ORGANIZATION PROBLEMS</u>	4
Revise Wagner Act	11	For fund freezing	<u>GOVT. AND BUSINESS</u>	17
For "cooling off" law	6	Stop gas to Japan	<u>ECONOMICS, INFLATION</u>	18
For Vinson Bill	1	Control subversives	<u>AID FOR BRITAIN</u>	10
Against anti-strike law	5	For seizure bill	<u>ST LAWRENCE SEAWAY</u>	9
For voluntary methods	2	Against seizure bill	<u>MATERIAL SHORTAGES</u>	3
Regulate unions	2	For RFC bill	<u>LACK OF FACTS</u>	9

**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



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 77.3 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, June 19, 1941

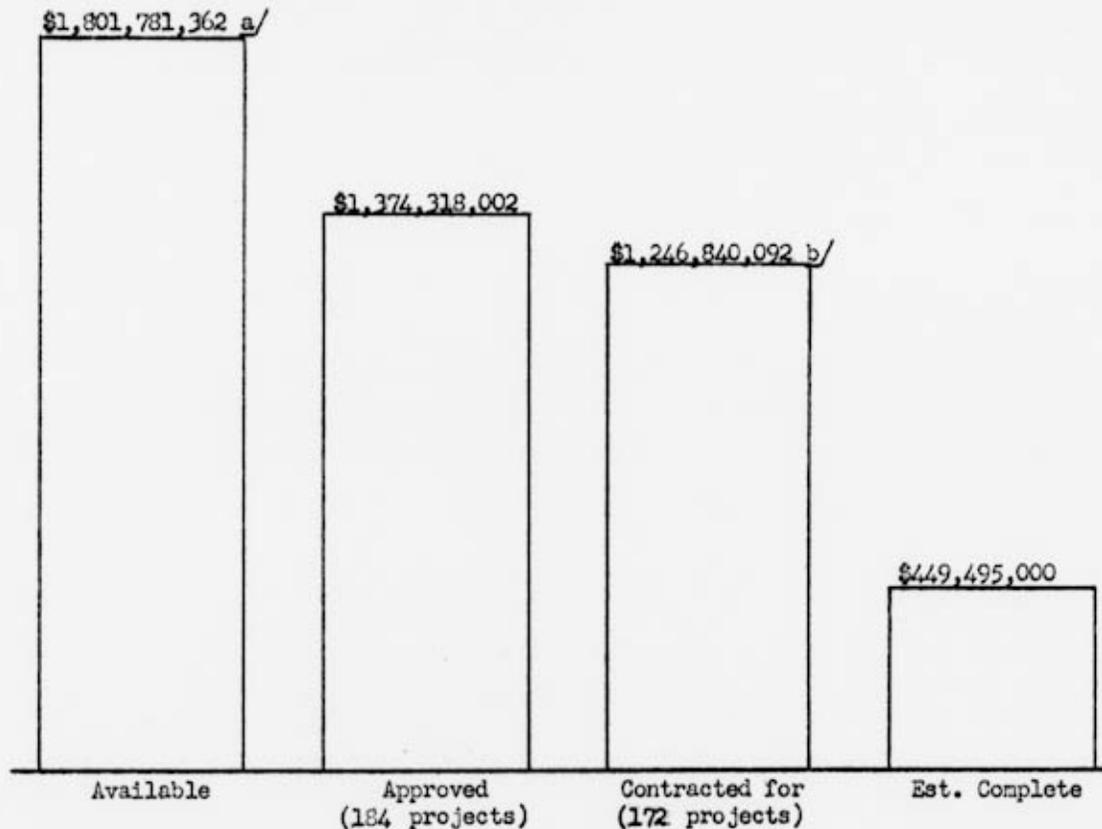
	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	Percent obligated to June 18
AIR CORPS	\$3,717,519,528	74.7
ORD. DEPT.	\$2,741,659,091 (tentative)	88.9
Q.M.C.	\$2,596,342,802	53.9
PRODUCTION FACILITIES	\$1,603,037,355 a/	99.1
SIGNAL CORPS	\$217,274,460	79.9
CORPS OF ENG.	\$100,015,200	88.2
CHEM. WAR SER.	\$ 51,943,483	94.1
MED. DEPT.	\$ 42,851,671 b/	100.0
C.A.C.	\$ 1,219,839	100.0
TOTAL	\$11,071,863,429	77.3

a/ NOTE: Specific appropriation, additional funds will be furnished from Navy and S.A.S. (Includes M. A. Act, 1941, and Defense Aid Approp.)

b/ NOTE: Figure revised by Service.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - June 7, 1941

Source of Information: Construction Division Report, June 7, 1941

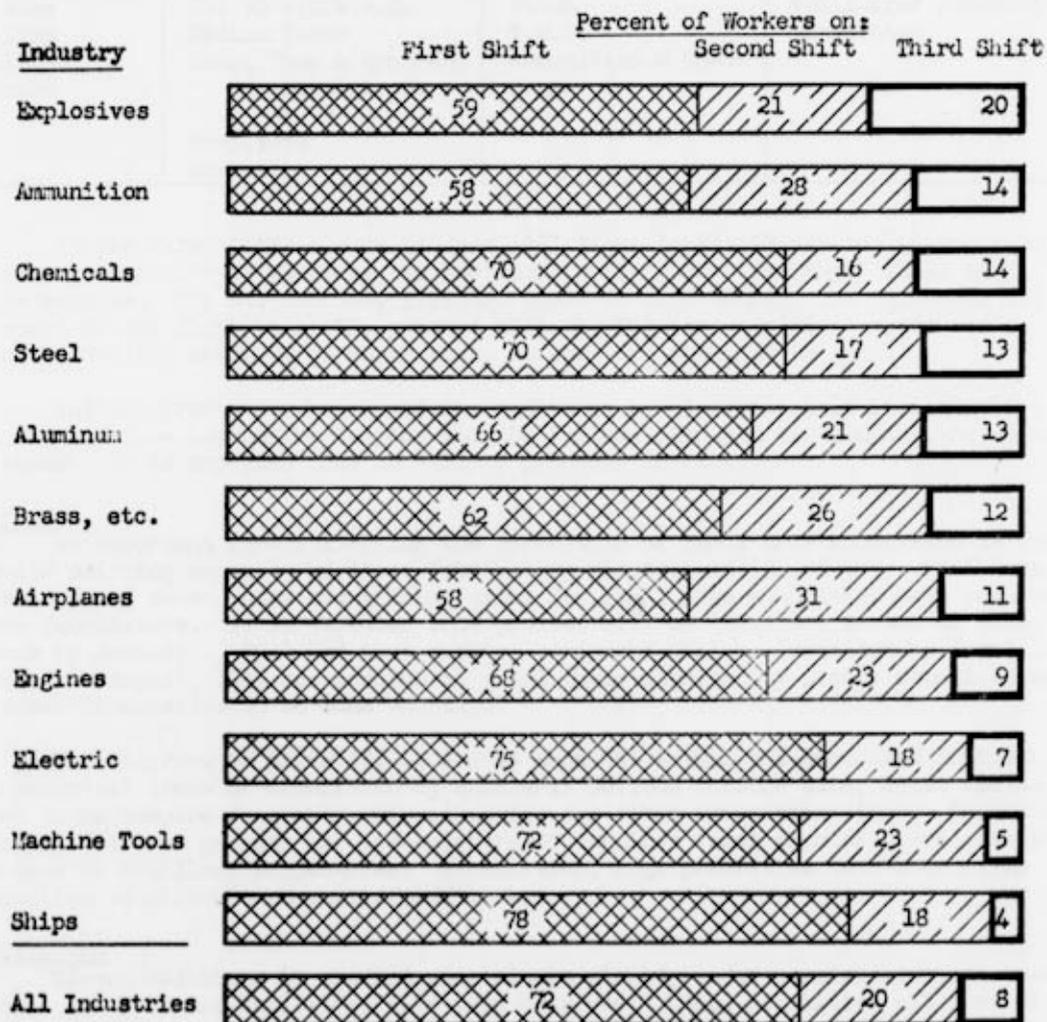


a/ Includes Expediting Production Appropriation of \$1,464,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$196,644,007; Chemical Warfare Service \$500,000, and Navy Department \$15,000,000; Defense Aid Appropriation \$81,076,355.

b/ Amount supplied by Supply Arms and Services.

PERCENT OF WORKERS EMPLOYED ON EACH SHIFT IN 602 DEFENSE PLANTS, MARCH 15, 1941

Source of Information: Bureau of Labor Statistics



TEXT SUMMARY - JUNE 21, 1941

Source of Information: Ordnance Department and OUSW

GENERAL

The following table shows four of the principal bottlenecks restricting the production of ordnance equipment and ammunition. The limited amount of skilled labor is also an important delaying factor. Some of the principal ordnance items and materials affected are listed under the four limitations shown.

Machine Tools	Machine Tools Low Priority	Plant Capacity Machinery	Materials Alloy Steel Brass
Aircraft Cannon 20mm 37mm Ammunition & Bombs	Machine Guns- Cal.50 W.C.& H.B. Medium Tanks Guns, Tank & Antitank Anti-aircraft Field Howitzers Mortars	Small Arms Ammunition T.N.T. Ammunition & Bombs Brass	Medium Tanks Small Arms Ammunition Ammunition

TANKS

In the first fifteen days of June, 101 light tanks, M3 were delivered from the Berwick, Pennsylvania plant of the American Car & Foundry Company. These tanks have gas engines. The St. Charles, Missouri plant of this company has delivered its first model of the light tank, M3, powered with the Guiberson diesel engine and is expected to deliver about 20 of these tanks in June and about 44 in July.

Initial production models of the medium tank, M3 of the Baldwin Locomotive Works, the American Locomotive Company and the Pullman Standard Car Company are undergoing tests. It is expected that 40 will be produced in June.

AMMUNITION

An important factor limiting the production of small arms ammunition is the inadequate existing capacity of brass fabricating plants. Additions to present capacity of plants making sheet brass and gilding metal for small arms ammunition have been begun by three fabricators. It is expected that presses will be installed in two of these additions by January 1, 1942 and that casting equipment will be installed by April 1942. Commencing in August, 1941 and continuing until these fabricating plants come into operation there is expected to be some shortage.

The diagrams on pages 13, 14 and 15 show the actual and scheduled production of the principal items of ammunition by quarterly periods through June, 1942. Schedules for bombs compare favorably with schedules for other ammunition items. The fabrication of metal components for bombs generally requires fewer machine operations than in the case of artillery projectiles. In addition, high priorities have been given to production of aircraft ammunition and bombs.

NEW FACILITIES

Eleven additions to new Ordnance plants already under construction and twelve additional new Ordnance facilities have been approved. These facilities all provide additional plant capacity for ammunition and materials used in the production of ammunition. They are all to be located in mid-western and southern states.



TABULAR SUMMARY - ORDNANCE EQUIPMENT PROCUREMENT - MAY 31, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program	Delivered thru May 31	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,122 $\phi$	88	88*	7 $\phi$	7 $\phi$
Machine gun, cal.50	173,573	6,664 $\phi$	80	80*	4 $\phi$	4 $\phi$
Gun, 20mm, automatic	44,747	0	100	80	0	0
Gun, 37mm, automatic	1,188	14	100	90	1	1
<u>Combat Vehicles</u>						
Tank, light	3,527	839 $\phi$	100	99	24 $\phi$	24 $\phi$
Tank, medium	4,596	66 $\phi$	54	54	1 $\phi$	1 $\phi$
Scout car	2,733	2,633 $\phi$	100	100	95 $\phi$	96 $\phi$
Personnel carrier, 8-man	5,445	65	100	100	4	2
Personnel carrier, 13-man	4,302	1	100	91	4	-
Machine gun, cal.30, (Var.)	37,460 $\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /
Machine gun, cal.50, (H.B.)	8,025 $\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /
Submachine gun, cal.45	241,065	14,620	100	100	8	6
Gun, 37mm, tank	6,040	1,022	100	99	14	17
Gun, 75mm, tank	2,513	4	100	100	0	-
<u>Antiaircraft</u>						
Gun, 3"	152	70	100	100	36	46
Gun, 90mm	1,271	1	95	95	0	-
Gun, 37mm	3,195	362	100	100	11	11
Machine gun, cal.50 (W.C.)	13,245	346	28	46*	3	3
<u>Artillery</u>						
Howitzer, 75mm	958	101	100	100	9	11
Howitzer, 105mm	3,286	8	83	83*	-	-
Gun, 155mm	492	9	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	445	100	100*	38	33
Carriage, 155mm howitzer	1,436	786 $\phi$	100	100	44 $\phi$	55 $\phi$
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	181,496 $\phi$	93	93	19 $\phi$	20 $\phi$
Machine gun, cal.30, (Var.)	93,003 $\underline{b}$ /	25,094 $\underline{b}$ /	100 $\underline{b}$ /	99 $\underline{b}$ /	27 $\underline{b}$ /	27 $\underline{b}$ /
Machine gun, cal.50, (H.B.)	23,305 $\underline{b}$ /	1,186 $\underline{b}$ /	53 $\underline{b}$ /	53 $\underline{b}$ /	5 $\underline{b}$ /	5 $\underline{b}$ /
Gun, 37mm, antitank	7,653	443	80	61	7	6
Mortar, 60mm	10,162	3,100 $\phi$	100	100	29 $\phi$	31 $\phi$
Mortar, 81mm	3,773	655 $\phi$	91	91	20 $\phi$	17 $\phi$

$\underline{a}$ / Included in Infantry Armament. Deliveries not reported separately.

$\underline{b}$ / Figures include Armament for Combat Vehicles.

\* Partly tentative.

$\phi$  Delivered thru June 15.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JUNE 17, 1941

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

Item	Requirements 2,800,000 men Number	Stocks in hands of Field Service Number	Percent of requirements				
			%	0	20	40	60
<u>Aircraft Armament</u>							
Machine gun, cal.30,fix.&fl.	49,638	8,472	17				
Machine gun, cal.50,fix.&fl.	114,997	4,031	4				
Gun, 20mm, automatic A.C.	2,775	0	0				
Gun, 37mm, automatic A.C.	3,976	53	1				
<u>Combat Vehicles</u>							
Tank, light	4,412	513	12				
Tank, medium	2,666	71	3				
Scout car	3,944	2,689	68				
Personnel carrier, 8-man	7,105	1	1				
Personnel carrier, 13-man	6,017	0	0				
Machine gun, cal.30 (Var.)	62,164 <sup>a/</sup>	<sup>a/</sup>	-				
Machine gun, cal.50 (H.B.)	11,704	328	3				
Submachine gun, cal.45	39,000	8,000	21				
Gun, 37mm, tank	7,271	851	12				
Gun, 75mm, tank	2,764	0	0				
<u>Antiaircraft</u>							
Gun, 3"	} 1,766	484	27				
Gun, 90mm		0					
Gun, 37mm, A.A.	3,869	350	9				
Machine gun, cal.50 (W.C.)	11,989	833	7				
<u>Artillery</u>							
Gun, 75mm (H.S.)	1,471	597	41				
Howitzer, 75mm, field & pack	258	175	68				
Howitzer, 105mm	3,200	35	1				
Gun, 155mm	751	4	1				
Gun, 155mm (H.S.)	903	144	16				
Howitzer, 155mm (H.S.)	1,783	1,044	59				
<u>Unmodified &amp; other models</u>							
Gun, 75mm	--	2,860	-				
Gun, 155mm	--	825	-				
Howitzer, 155mm	--	989	-				
<u>Infantry Armament</u>							
Rifle, cal.30, M1, semiauto.	1,260,314	183,873	15				
Machine gun, cal.30 (Var.)	96,609	25,146	26				
Machine gun, cal.50 (H.B.)	17,555	1,601	9				
Gun, 37mm, antitank	8,092	652	8				
Mortar, 60mm	7,567	2,100	28				
Mortar, 81mm	4,310	731	17				

<sup>a/</sup> Included in Infantry Armament.

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

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program (THOUSANDS)	Delivered thru May 31 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	0	96	96	0	0
Bomb, demo., 100#, 300#, 500#	1,316	43	46	46	3	3
Bomb, demo., 1000#	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	351	3	17	17	1	1
Shot & shell, 20mm	32,500	0	0	0	0	0
Shell, H.E., 37mm	1,890	.2	57	57	-	-
Flares	877	144	31	31	15	15
Signals	2,057	457	33	33	22	22
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	22	33	33	-	-
Shell, 3", H.E.	2,216	69	58	58	3	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	88	86	86	6	6
Shell, g & s, 75mm gun	1,108	5	63	63	1	1
Shot, A.P., 75mm gun	3,352	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	206	59	59	5	5
Shell, H.E., 105mm how.	11,422	59	8	8	1	1
Shell, H.E., 155mm gun, M1	851	0	19	19	0	0
Charge, prop., 155mm gun	446	82	93	93	18	18
Shell, H.E., 155mm how.	4,299	5	36	36	-	-
Shell, g & s, 155mm how.	1,223	173	66	66	14	14
Charge, prop., 155mm how.	5,753	617	63	63	11	11
Primer, 21 gr.	6,653	299	100	100	4	4
Fuzes (All)	11,750	3,166	67	67	27	27
<u>Infantry</u>						
Cartridge, cal.30	2,952,242	367,469♠	100	100*	12♠	12♠
Links, met. belt, cal.30	1,003,322	77,468	60	60	9	9
Cartridge, cal.45	606,476	90,820	84	84*	14	15
Cartridge, cal.50	863,940	44,504♠	75	75*	5♠	5♠
Links, met. belt, cal.50	2,451,536	34,225	73	73*	2	1
Shot & shell, 37mm	26,688	168	14	14	1	1
Shell, H.E., 60mm	8,882	18	26	26	-	-
Shell, H.E., 81mm	3,764	96	3	3	3	3
Shell, smoke, 81mm	426	0	5	5	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	212	53	53	7	7
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative.

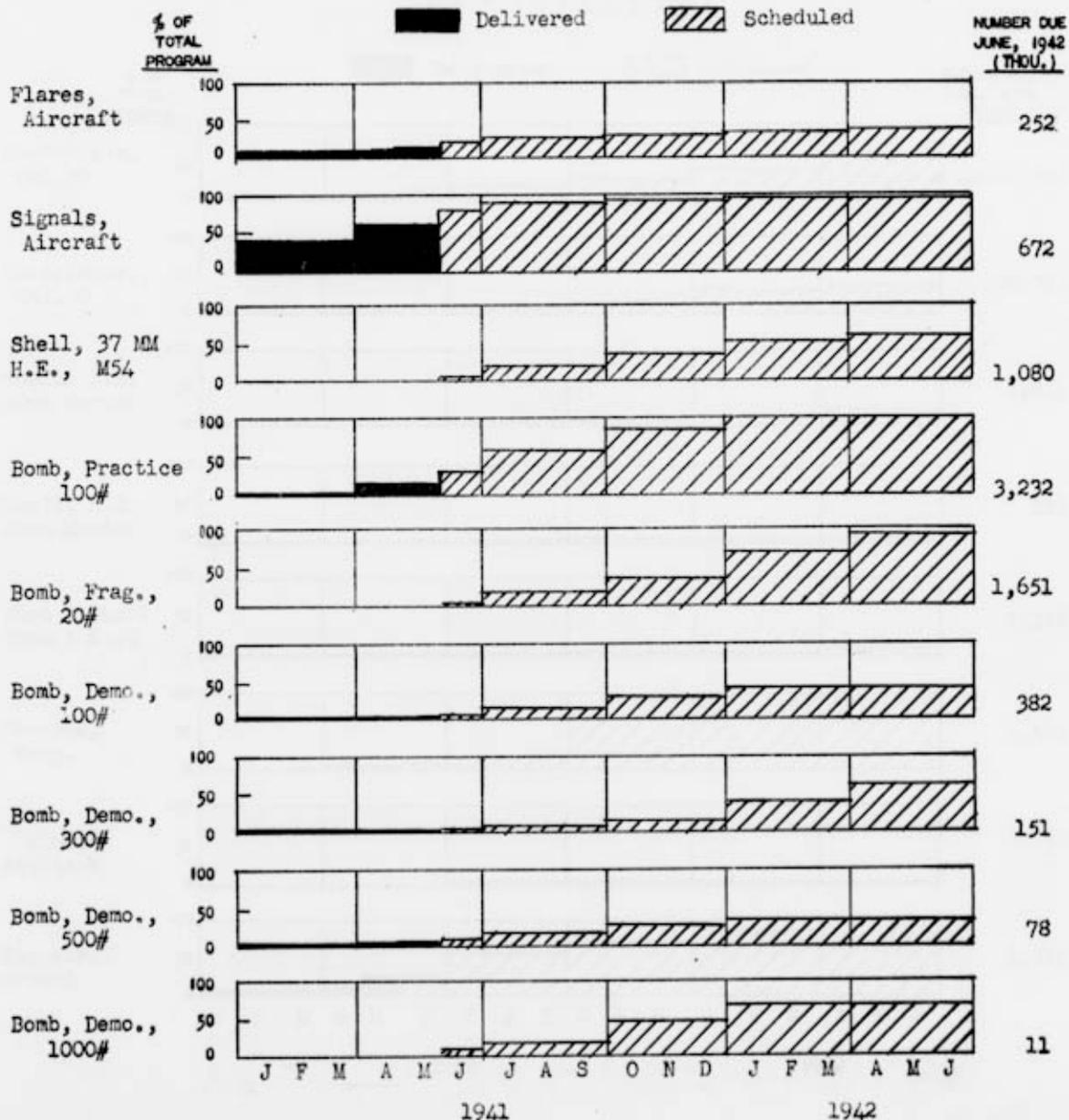
♠ Delivered thru June 15.

AMMUNITION - DELIVERIES AND SCHEDULES OF SELECTED ITEMS - MAY 31, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

C U M U L A T I V E

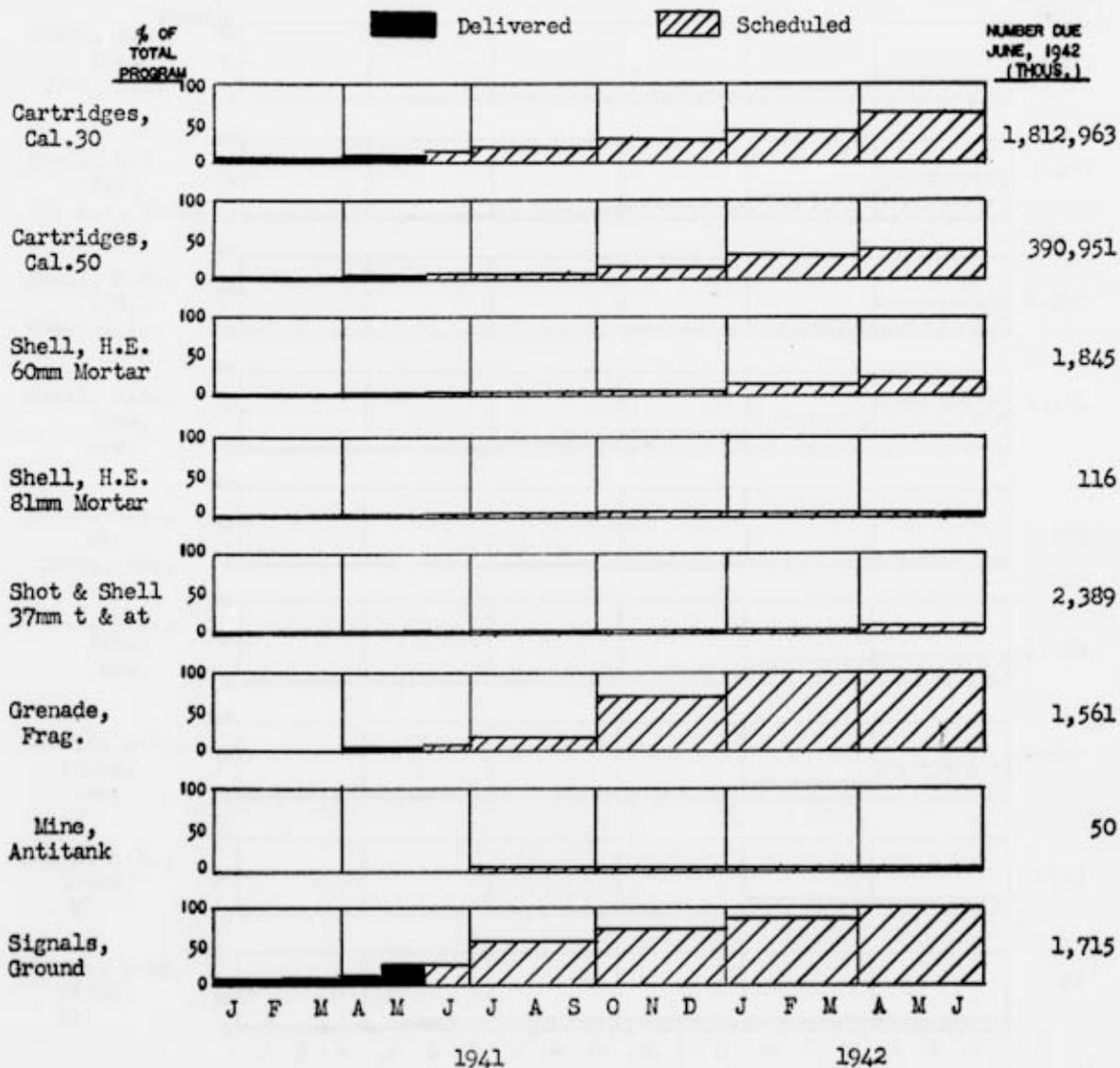


AMMUNITION - SMALL ARMS & MISCELLANEOUS - MAY 31, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

C U M U L A T I V E





## TEXT SUMMARY - AIRPLANE PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

### GENERAL

With the placing of a contract with Douglas Aircraft Company, Incorporated, for 27 transports, the percentage of planes in the current programs under contract increases to 87.3. Of a total program of 32,059 planes, only 4,060 remain to be awarded. This figure is made up of 1,000 trainers and 3,060 tactical types, and contracts are being negotiated for all pending types.

It can be expected that engine awards to match the recent heavy airframe awards will follow shortly, and the relationship of the progress of the two programs will show a satisfactory balance.

### DELIVERIES

The low trend of deliveries established during May has continued during the first two quarters of June. To date no heavy or light bombers have been delivered.

Medium bombers show progress with 17 and 9 delivered the first and second quarters of June respectively.

Only 4 pursuit type planes were delivered so far this month.

Although trainer deliveries maintain the level of last month, a slight increase is needed to reach estimated monthly production.

### DIFFICULTIES

Accompanying this reversal of progress in airplane productivity, come reports of these factors in the situation:

- Shortages of materials
- Shortages of machine tools
- Shortage of skilled labor
- Planning errors
- Strikes

Chains of troubles have developed, retarding fabricators, sub-contractors and contractors until final assembly has been delayed or halted.

Republic Aviation shows shortages of aluminum rivets and forgings, explosive rivets, steel bars and tubing. Of Republics' sub-contractors, 10 have failed recently to meet needs for items like valves, struts, bumper cushions, tees, tapir pins and so on. Such delays have cumulative effect on the final assembly line.

The failure of Boeing to deliver any heavy bombers last month and so far this month is an example of such a chain of circumstances.

The shut-down of North American due to strike shows immediate effect on deliveries, but the full extent of the damage cannot be estimated yet.

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

Source of Information: Consolidated Statistical Report - Air Corps

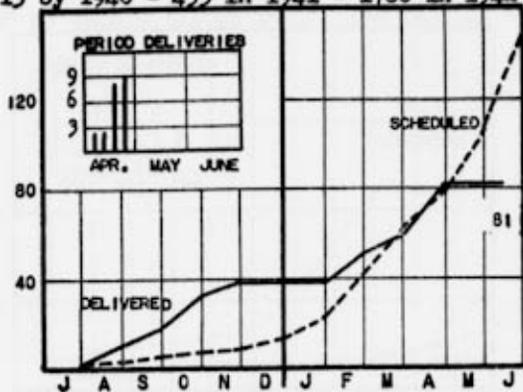
Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 6/15/41	Pending (less awards)		12,000 program modified (b)
					F.Y. 1941 "B" program modified	10,375 Fifth supp. modified	
<u>Airplanes</u>							
Heavy bomber	2,246	2,246	100	81	-	-	2,656
Medium bomber	4,616	2,216	48	156	-	2,400	1,200
Light bomber	1,882	1,382	73	135	500	-	-
Pursuit, fighter	709	709	100	23	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	670	-	-	4,850
Observation	533	533	100	50	-	-	-
Transport	1,118	958	86	29	52	108	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
<b>Total Tactical</b>	<b>15,589</b>	<b>12,529</b>	<b>80</b>	<b>1,158</b>	<b>552</b>	<b>2,508</b>	<b>10,096</b>
Primary trainer	5,490	5,490	100	1,615	-	-	450
Basic trainer	5,051	5,051	100	974	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	70	563	-	1,000	360
Adv. trainer, 2-eng.	2,632	2,632	100	62	-	-	1,050
<b>Total Trainer</b>	<b>16,470</b>	<b>15,470</b>	<b>94</b>	<b>3,214</b>	<b>-</b>	<b>1,000</b>	<b>2,760</b>
<b>Grand Total</b>	<b>32,059</b>	<b>27,999</b>	<b>87</b>	<b>4,372</b>	<b>552</b>	<b>3,508</b>	<b>12,856</b>
<u>Engines</u>							
Heavy bomber	8,988	4,188	47	1,130	-	4,800	10,624
Medium bomber	9,232	4,432	48	735	-	4,800	3,200
Light bomber	3,576	2,476	69	623	1,100	-	-
Pursuit, fighter	1,420	1,394	98	62	26	-	2,300
Pursuit, interceptor	4,394	4,394	100	832	-	-	4,850
Observation	533	351	66	351	182	-	-
Transport	2,358	1,592	68	98	208	558	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
<b>Total Tactical</b>	<b>30,683</b>	<b>19,009</b>	<b>62</b>	<b>3,865</b>	<b>1,516</b>	<b>10,158</b>	<b>21,454</b>
Primary trainer	5,490	5,490	100	2,129	-	-	450
Basic trainer	5,051	3,051	60	1,192	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	70	1,047	-	1,000	360
Adv. trainer, 2-eng.	5,264	2,164	41	724	-	3,100	2,100
<b>Total Trainer</b>	<b>19,102</b>	<b>13,002</b>	<b>68</b>	<b>5,092</b>	<b>-</b>	<b>6,100</b>	<b>3,810</b>
<b>Grand Total</b>	<b>49,785</b>	<b>32,011</b>	<b>64</b>	<b>8,957</b>	<b>1,516</b>	<b>16,258</b>	<b>25,264</b>

- (a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941 programs for project airplanes and installation engines.  
 (b) Not yet financed - not included in current program column.

## AIRPLANES

2246 HEAVY BOMBER

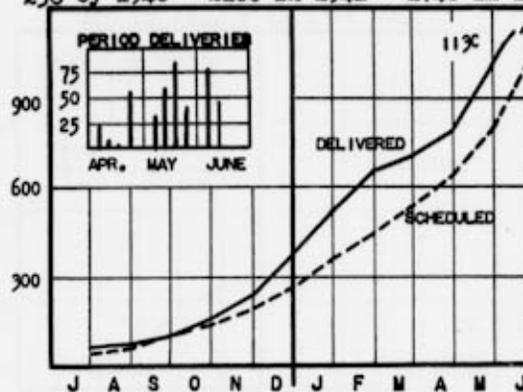
13 by 1940 - 453 in 1941 - 1780 in 1942-43



## ENGINES

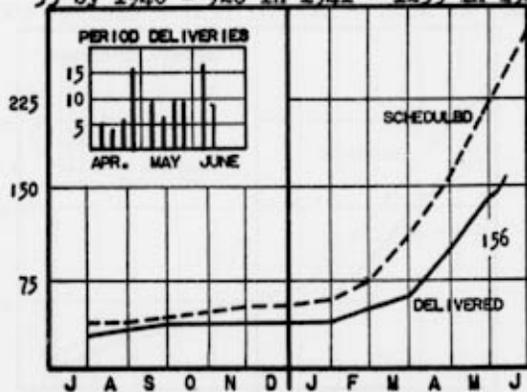
4188 HEAVY BOMBER

256 by 1940 - 2186 in 1941 - 1746 in 1942



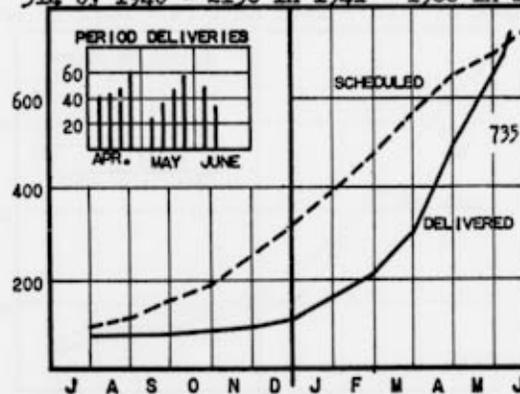
2216 MEDIUM BOMBER

55 by 1940 - 926 in 1941 - 1235 in 1942



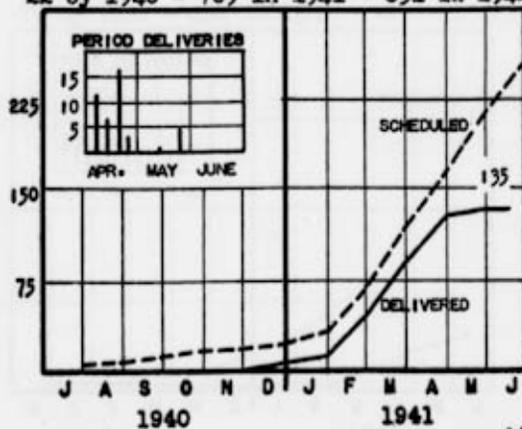
4432 MEDIUM BOMBER

314 by 1940 - 2130 in 1941 - 1988 in 1942



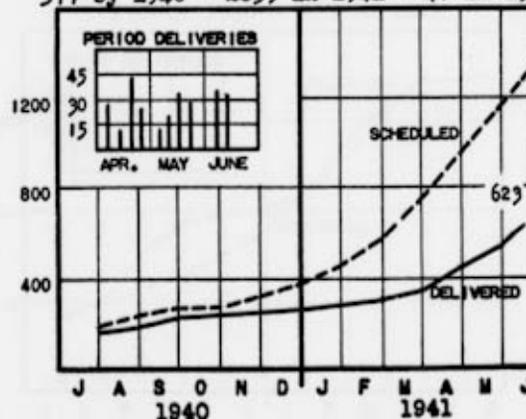
1382 LIGHT BOMBER

22 by 1940 - 709 in 1941 - 651 in 1942



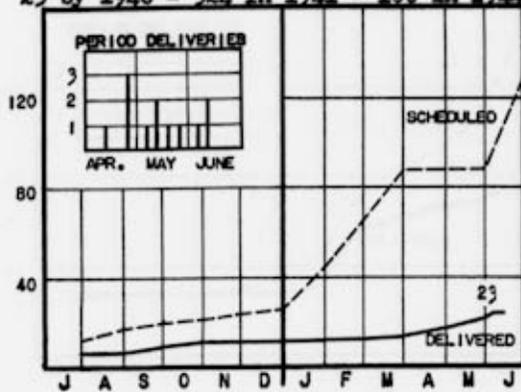
2476 LIGHT BOMBER

377 by 1940 - 2059 in 1941 - 40 in 1942



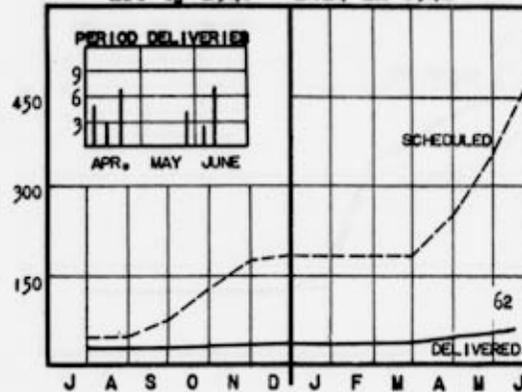
## AIRPLANES

709 PURSUIT FIGHTER  
25 by 1940 - 524 in 1941 - 160 in 1942

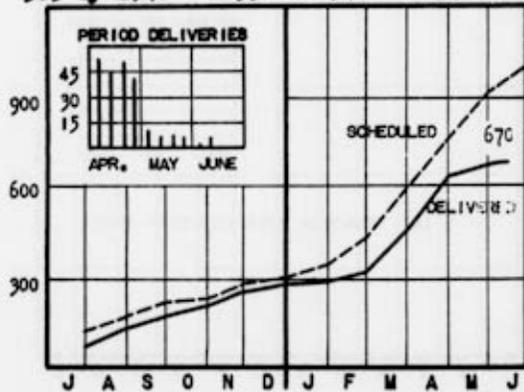


## ENGINES

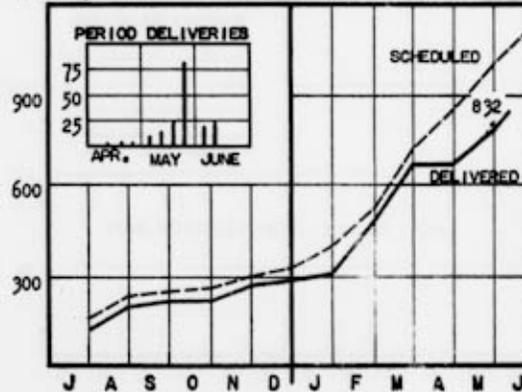
1394 PURSUIT FIGHTER  
180 by 1940 - 1214 in 1941



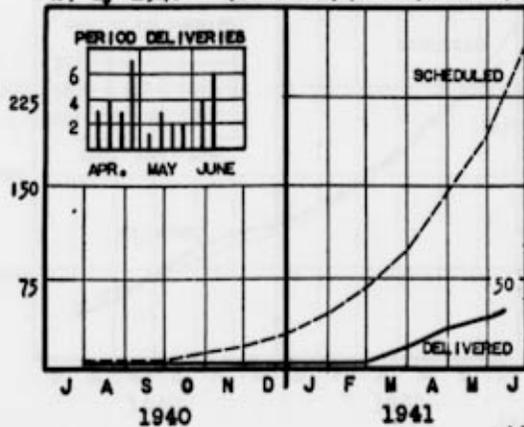
4394 PURSUIT INTERCEPTOR  
305 by 1940 - 1835 in 1941 - 2254 in 1942



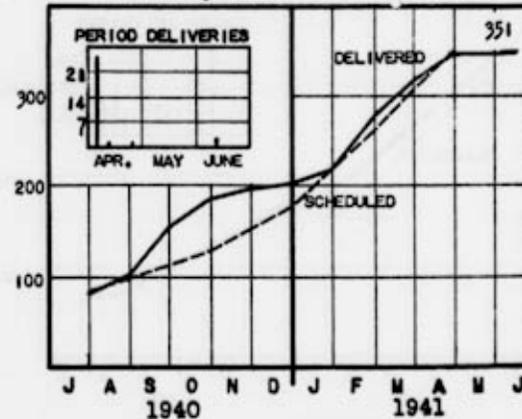
4394 PURSUIT INTERCEPTOR  
344 by 1940 - 2571 in 1941 - 1479 in 1942



533 OBSERVATION  
27 by 1940 - 466 in 1941 - 40 in 1942



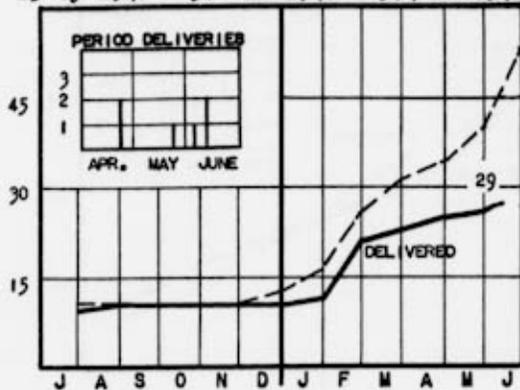
351 OBSERVATION  
176 by 1940 - 175 in 1941



## AIRPLANES

958 TRANSPORT

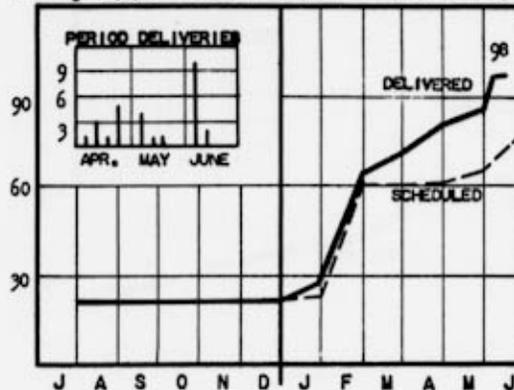
13 by 1940 - 371 in 1941 - 574 in 1942-43



## ENGINES

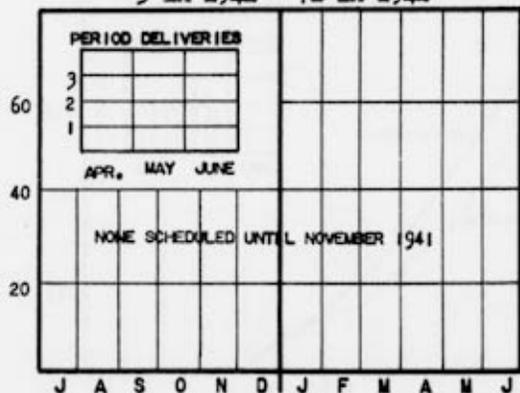
1592 TRANSPORT

22 by 1940 - 242 in 1941 - 1328 in 1942



74 AMPHIBIAN

3 in 1941 - 71 in 1942



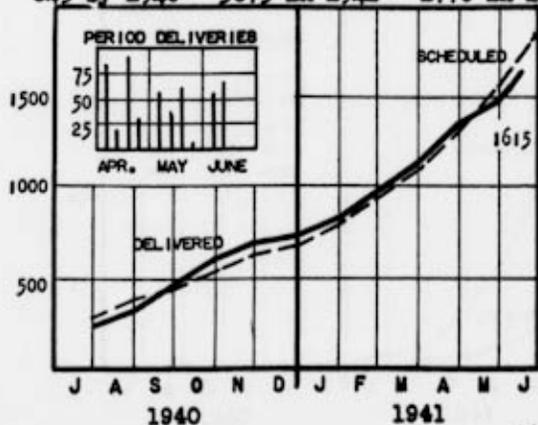
148 AMPHIBIAN

98 in 1941 - 50 in 1942



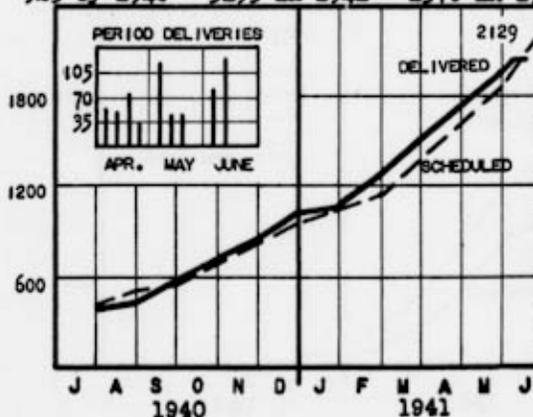
5490 PRIMARY TRAINER

645 by 1940 - 3075 in 1941 - 1770 in 1942



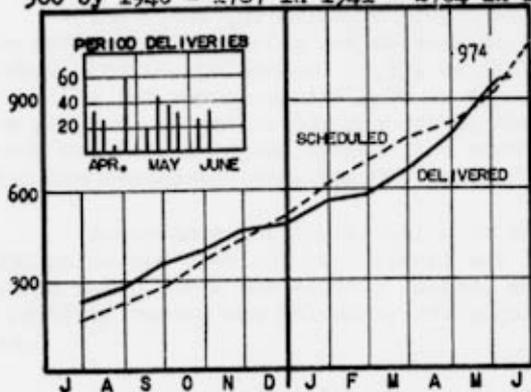
5490 PRIMARY TRAINER

925 by 1940 - 3195 in 1941 - 1370 in 1942



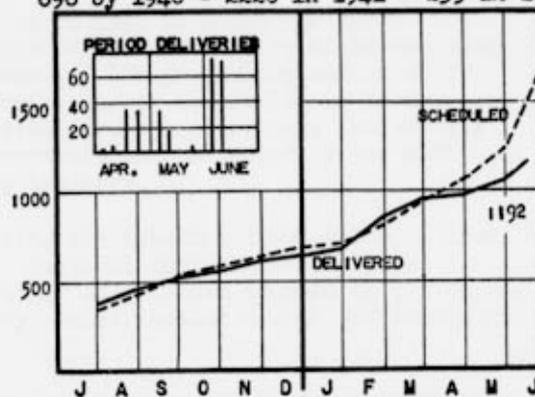
## AIRPLANES

5051 BASIC TRAINER  
500 by 1940 - 1787 in 1941 - 2764 in 1942

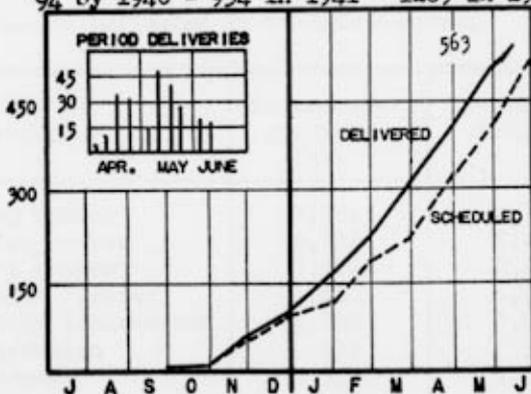


## ENGINES

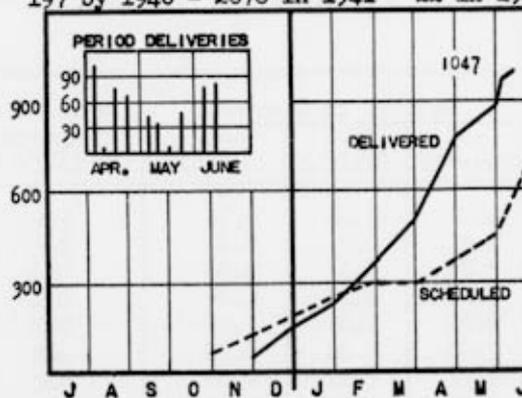
3051 BASIC TRAINER  
696 by 1940 - 2220 in 1941 - 135 in 1942



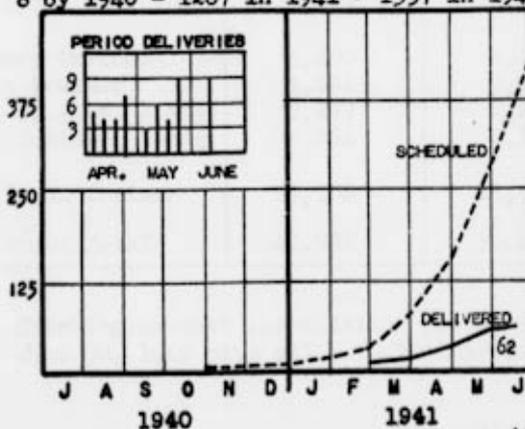
2297 ADVANCE TRAINER, 1 ENGINE  
94 by 1940 - 934 in 1941 - 1269 in 1942



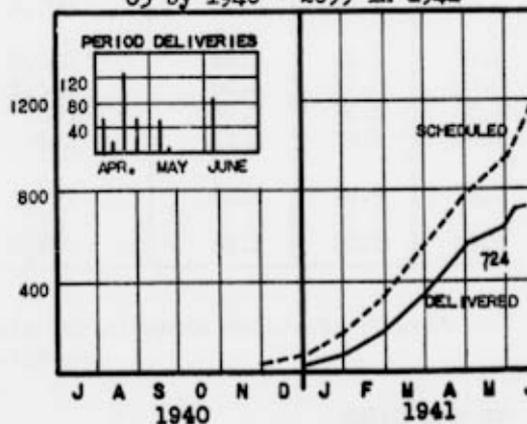
2297 ADVANCE TRAINER, 1 ENGINE  
197 by 1940 - 2078 in 1941 - 22 in 1942



2632 ADVANCE TRAINER, 2 ENGINE  
8 by 1940 - 1267 in 1941 - 1357 in 1942



2164 ADVANCE TRAINER, 2 ENGINE  
65 by 1940 - 2099 in 1941



TEXT SUMMARY - PROPELLER PROCUREMENT - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

The total installation propeller program, as revised to match the current airplane procurement program, now amounts to 49,781 units of which 30,450 or 61.2% are under contract, and the balance of 19,331 or 38.8% are pending. The program reduction of 772 units since the report of April 30 is explained by referring to the revisions in the airplane program, in particular respect to the observation, transport, primary trainer and advance trainer, 2-engine types. The amount under contract was increased by the addition of two new contracts totalling 900 units for primary trainers.

Acceptances of installation propellers during May totalled 1,097 units, a drop of 250 below the previous high record set in April. Tactical installations claimed 522 of these units for a new monthly record, whereas trainer acceptances dropped to 575 units. The tactical record was helped by new highs for heavy bomber, medium bomber and transport types.

In the propeller tables and diagrams which follow, Materiel Division estimates or schedules computed by the Statistics Branch, CUSW, have been used except for pursuit fighters, pursuit interceptors and observations for which complete installation propeller contract schedules are available. Progress of procurement for the individual types of planes is reflected in the table below.

Type of propeller	Procurement programs (a)	Under contract	Deliveries through 5/31/41	Percent of Program		
				Con-tracted	Due 5/31/41	De-livered
Heavy bomber	8,984	4,184	949	46.6	10.6	10.6
Medium bomber	9,232	4,432	565	48.0	9.0	6.1
Light bomber	3,576	2,476	410	69.2	11.5	11.5
Pursuit fighter	1,420	1,394	180	98.2	25.4	12.7
Pursuit interceptor	4,394	3,917	829	89.1	26.9	18.9
Observation	533	351	264	65.9	46.7	49.5
Transport	2,358	1,562	542	66.2	21.9	23.0
Amphibian	148	148	20	100.0	13.5	13.5
Reconnaissance	34	34	34	100.0	100.0	100.0
Total Tactical	30,679	18,498	3,793	60.3	15.2	12.4
Primary trainer	5,490	4,440	2,052	80.9	41.6	37.4
Basic trainer	5,051	3,051	1,548	60.4	30.6	30.6
Adv. trainer, 1 eng.	3,297	2,297	805	69.7	24.4	24.4
Adv. trainer, 2 eng.	5,264	2,164	692	41.1	13.1	13.1
Total Trainer	19,102	11,952	5,097	62.6	27.9	26.7
Grand Total	49,781	30,450	8,890	61.2	20.1	17.9

(a) Matching project installation propeller contracts for airplane contracts current June 30, 1940 plus all F.Y. 1941 procurement programs.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - June 19, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of May 31, 1941, contract awards have been made on 132 of 134 critical and essential quartermaster items. Of the total programs of the 132 items an average of ninety percent has been contracted and an average of sixty-eight percent has been procured; the latter figure includes transfers from CCC stocks. From a fiscal standpoint 89% has been contracted, 5% transferred from CCC; 5% is on directive and 1% remains to be procured. Contracts awarded during the week ended June 7, 1941 amounted to 13 million, of which 4 million were for motor vehicles, 4½ million for new construction of military posts and land acquisition, and 3½ million for clothing and equipage.

CONTRACTS -- Including transfers from CCC stocks, the programs of eighty-eight of the one hundred and thirty-four items have been completely contracted.

DELIVERIES -- During the quarter-monthly period ended May 31, 1941, deliveries were effected on all but 52 of the 134 items; of these 19 items have been completely procured; 17 are on schedule; 7 have no current schedule, and 9 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 64 are on or ahead of schedule; 8 have no current schedule; 62 are behind schedule. Items currently more than 20% delinquent and also behind April 30 schedules are:

Chest, supply, pack	(84%)	Tent, storage	(29%)
Bag, cante	(68%)	Breeches, wool	(25%)
Scabbard, subMG, cal. 45	(42%)	Belt, web, waist	(24%)
Can, milk	(38%)	Saddle, Phillips, cargo	(23%)
Cloth, cotton, wind resist.	(30%)	Belt, cart., dsmtd.	(22%)

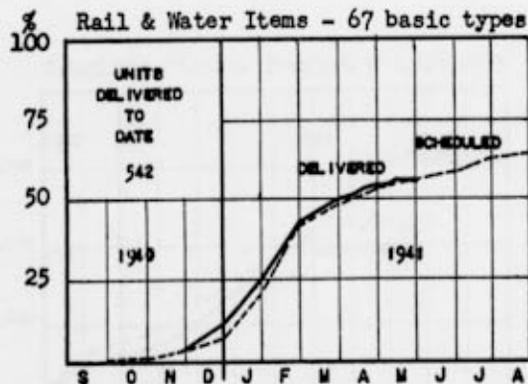
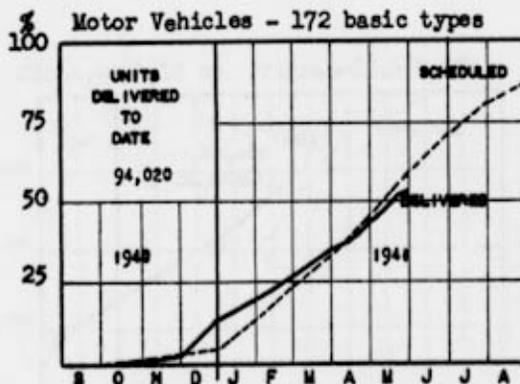
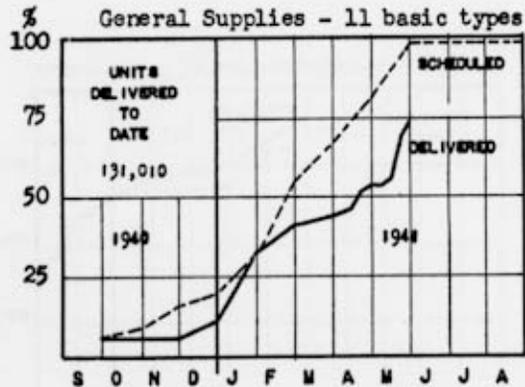
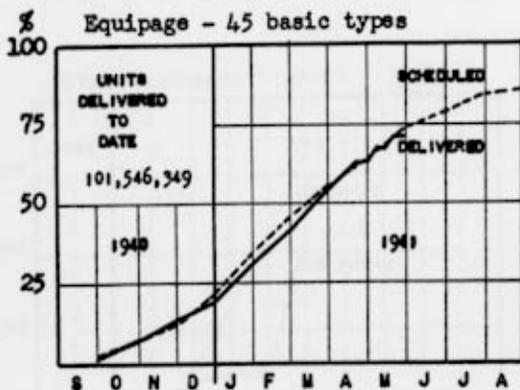
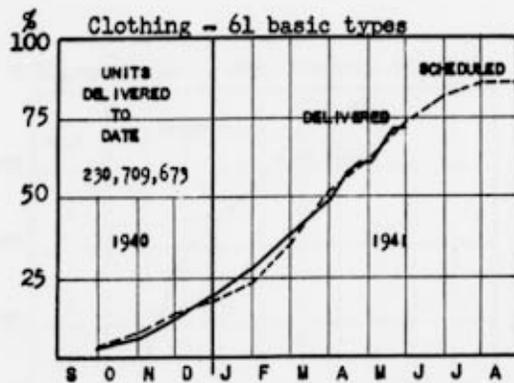
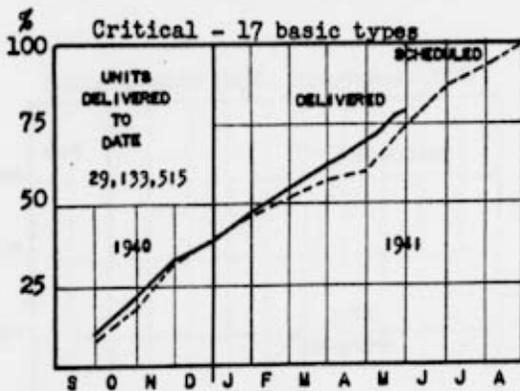
LABOR DIFFICULTIES -- Strikes are presently affecting quartermaster procurement as follows:

<u>Item affected</u>	<u>Man days lost*</u>	<u>Contractor Name &amp; Address</u>
Undershirts & drawers	56,000	Standard Knitting Mills, Knoxville, Tenn.
Drawers & trousers	55,200	Reliance Mfg. Co., Michigan City, Indiana
Parts for QM laundries	34,800	Wilson Jones Co., Chicago, Illinois
Sheet, steel	24,700	Apollo Steel Corp., Apollo, Pennsylvania
Parts for Fargo trucks	8,000	Boston and Lockport Block Co., Boston, Mass.
Steel castings for trailers	6,000	Sivyer Steel Casting Co., Chicago, Illinois
Structural steel	5,400	St. Louis Steel Fabricating Co., St. Louis, Mo.
Undershirts & drawers	4,500	Fuld & Hatch Knitting Co., Cohoes, New York
Parts for Y.T.&C. trucks	3,850	Douglas & Lomason, Detroit, Michigan
Iron frames QM construction	805	New Jersey Galvanizing Co., New Jersey
Pillows, feather	unknown	Gaschwind Feather Co., Brooklyn, N. Y.

\*Based on six working days per week

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

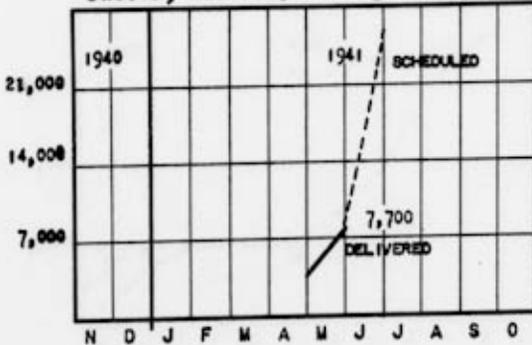
Source of Information: Statistics Branch, OQMG - May 31, 1941



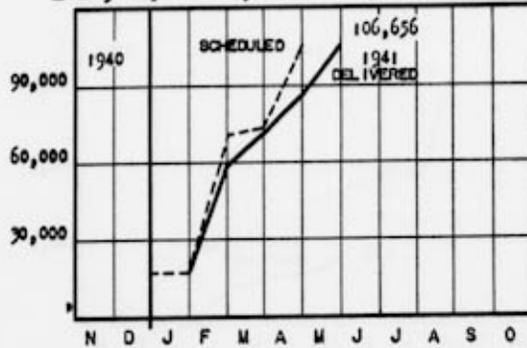
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 31, 1941

Source of Information: Statistics Branch, OCMG

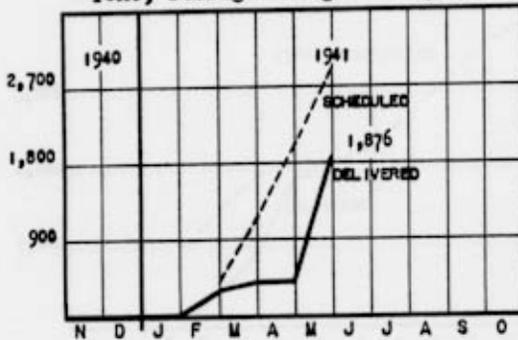
Cutter, wire M-38. Program-26,000



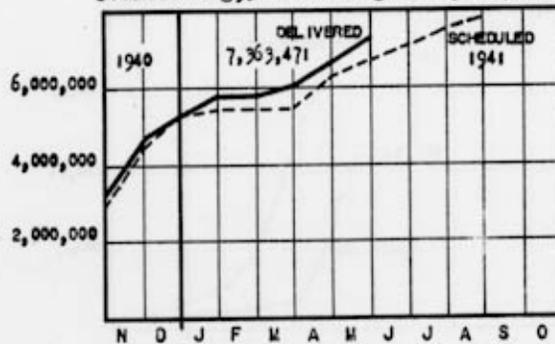
Belt, suspenders, M36. Program-156,256



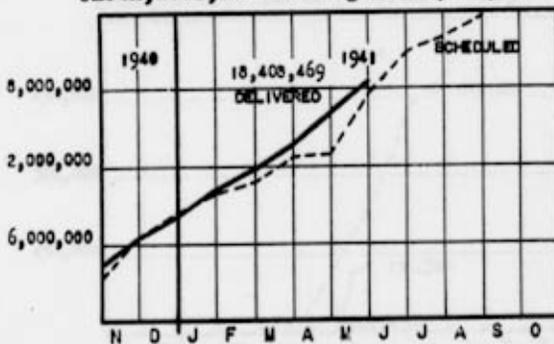
Tent, storage. Program - 3,543



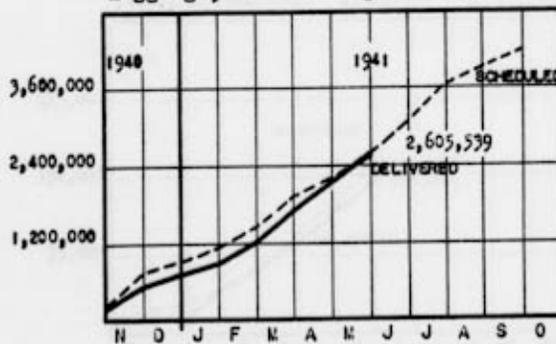
Overcoating, 32 oz. Program-7,872,942



Cloth, wool, 18 oz. Program-23,650,088



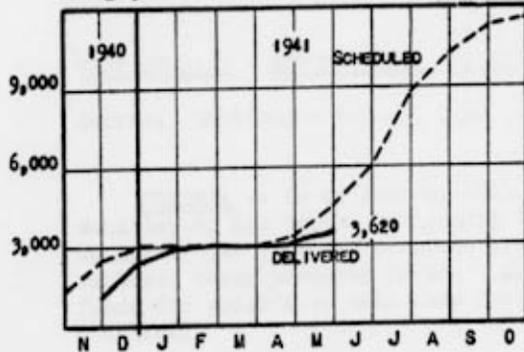
Leggings, dismt'd. Program - 4,189,999



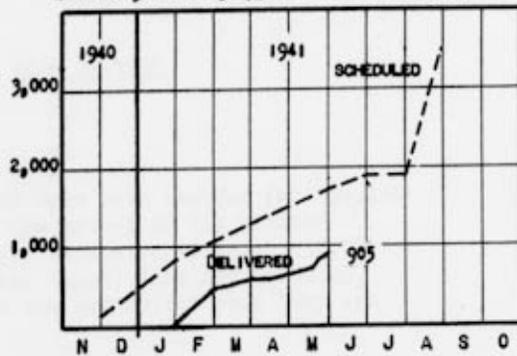
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 31, 1941

Source of Information: Statistics Branch, OQMG

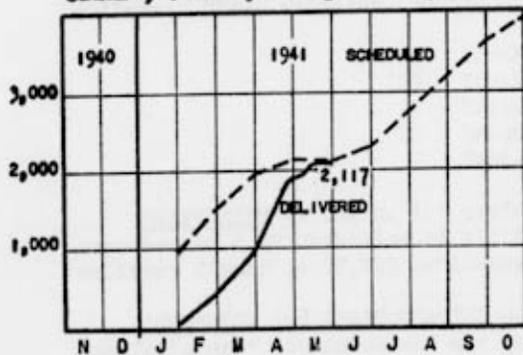
Range, field, M1937. Program - 11,500



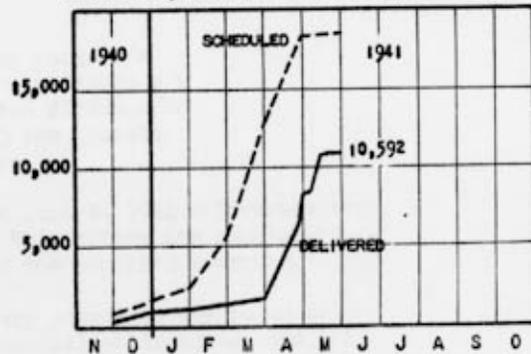
Saddle, Phillips, pack. Program - 3,500



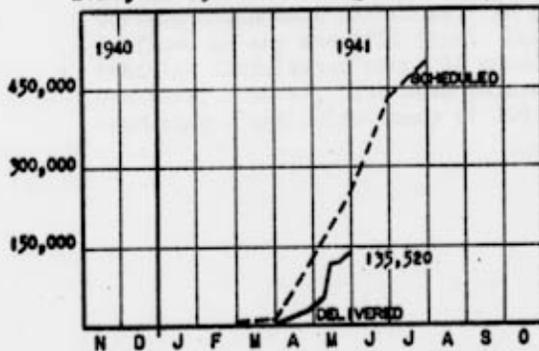
Saddle, Cavalry. Program - 5,828



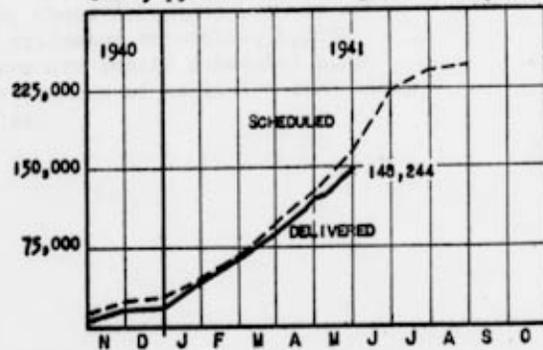
Scabbard, subMG, cal.45. Program - 18,338



Belt, cart., dismtd. Program - 500,000



Tent, pyramidal. Program - 355,853



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - June 8, 1941

Source: Statistics Branch, OCMG

GENERAL -- As of June 8, 1941 contracts have been awarded for 195,131 vehicles of all types, obligating funds to the extent of 271 million dollars. The combined programs are presently estimated to total 236,766 vehicles being procured by the Q.M.C. for the Supply Arms and Services, funds for which have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 729 vehicles at a cost of 3,760,898 dollars. These vehicles consist of:

575	Trucks, 4-ton cargo w/w
125	Trucks, 4-ton wreckers w/w
15	Trucks, 1½ ton Pickup w/cc
12	Trucks, 1½-3 ton Chassis
2	Semi-Trailers

DELIVERIES -- During the period ended June 8, 1941 deliveries were reported on 4,723 vehicles of all types. This brings the cumulative delivery figure to 98,743 or 42 percent of the combined programs.

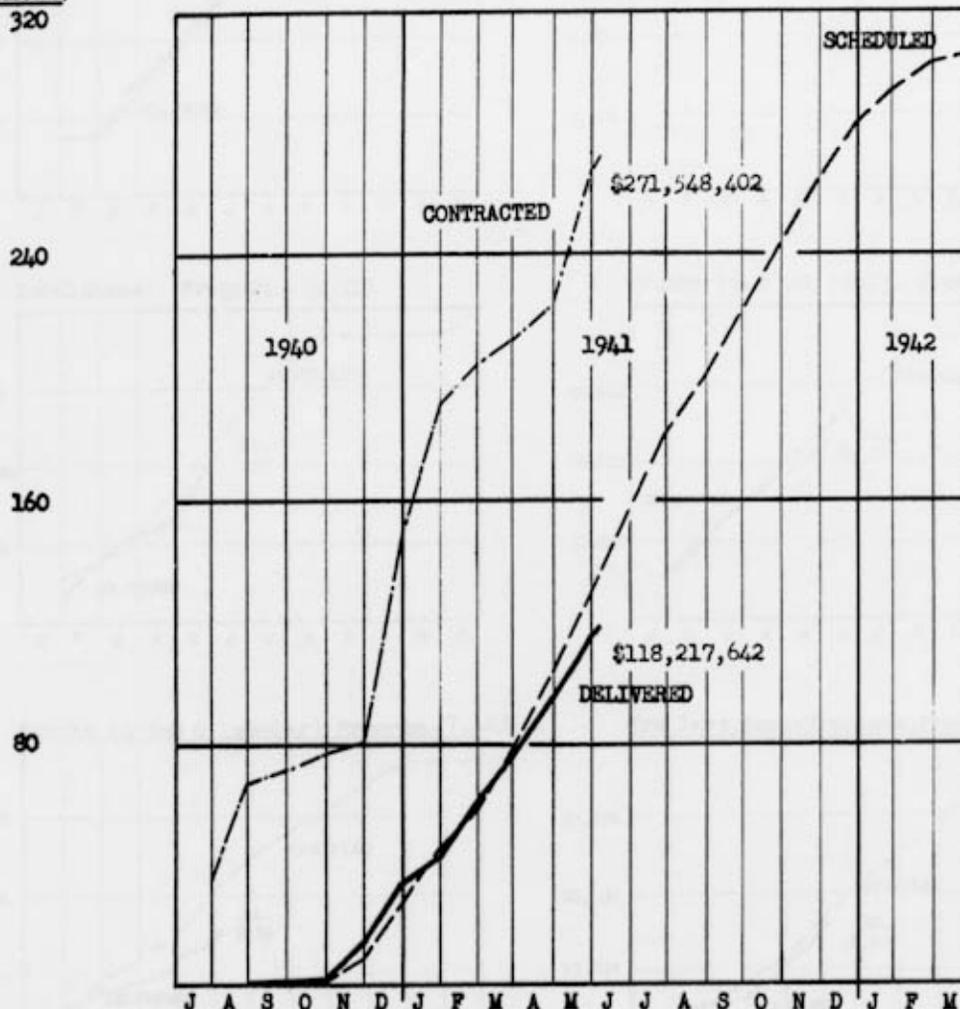
SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 98,952 vehicles were scheduled for delivery by June 8, 1941. This figure represents 42 percent of the current proposed procurement, and is the same percentage as that for deliveries. There are, however, certain delinquent contracts. In general, these delinquencies are not confined to any specific type. Based on estimated schedules, 4,365 vehicles distributed among 14 manufacturers are behind schedule; 4,156 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 209 vehicles.

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

Source of Information: OQMG - Statistics Branch, OUSW

This diagram is based on average unit costs of nine general types of motor vehicles. Schedules from July 1941 to March 1942 have been adjusted to cover estimated procurement of vehicles not under current contract; quantities, types and corresponding values, therefore, are subject to modification. All schedules used as a basis for computation are manufacturers' estimates and are not contractual obligations.

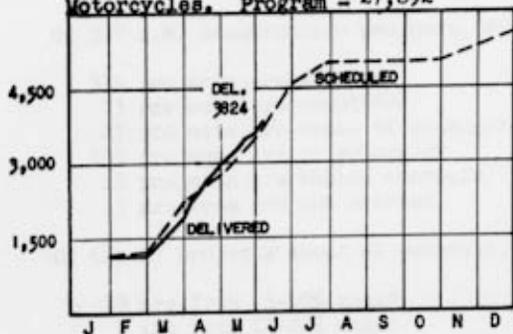
(MILLIONS)  
320



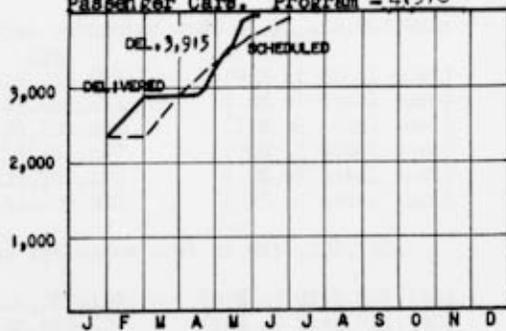
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - June 8, 1941

Source of Information: Statistics Branch, OQMG

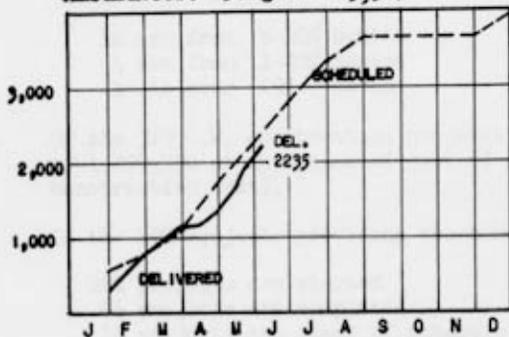
Motorcycles. Program - 27,892



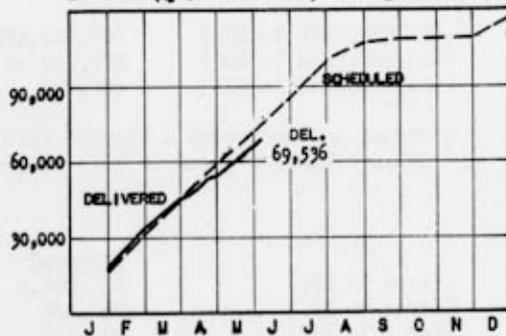
Passenger Cars. Program - 4,578



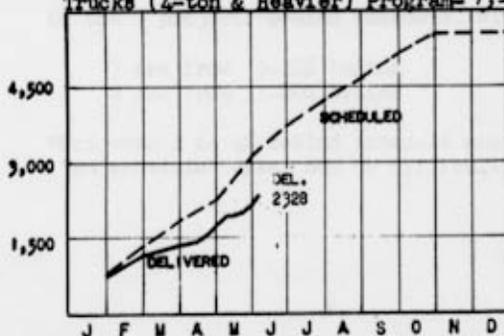
Ambulances. Program - 5,313



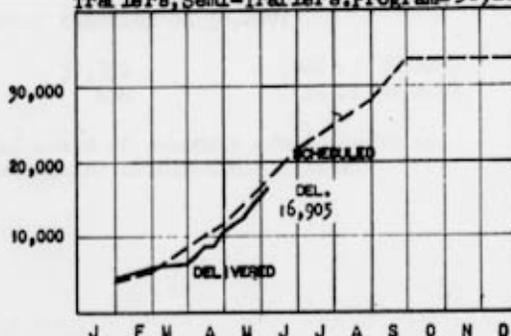
Trucks (1/2-3 ton incl). Program-155,631



Trucks (4-ton & Heavier) Program-7,163



Trailers, Semi-Trailers, Program-36,189



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - May 31, 1941

Source: Statistics Branch, CQMG - CUSW

Of 329 Q.M. construction projects, with a total estimated cost of \$1,454,963,984:

	<u>Cost</u>	
316 projects are started	\$1,418,755,672	(98% of total cost)
75 projects are completed	121,483,233	( 8% of total cost)
27 projects are ahead of schedule	156,221,590	(11% of total cost)
195 projects are on schedule*	1,013,261,427	(70% of total cost)
19 projects are behind schedule	127,789,422	( 9% of total cost)
13 projects are not started	36,208,312	( 2% of total cost)

Of the 27 projects ahead of schedule, with an estimated cost of \$156,221,590:

13 are from 5-10% ahead	\$104,027,117	(67% of \$156,221,590)
6 are from 11-20% ahead	24,846,427	(16% of \$156,221,590)
8 are over 20% ahead	27,348,046	(17% of \$156,221,590)

Of the 19 projects behind schedule, with an estimated cost of \$127,789,422:

14 are from 5-10% behind	\$88,121,862	(69% of \$127,789,422)
4 are from 11-20% behind	38,969,775	(30% of \$127,789,422)
1 is over 20% behind	697,785	( 1% of \$127,789,422)

Of the 329 Q.M. construction projects, 202 (61%) provide a troop housing capacity of 1,270,936 at an estimated cost of \$805,867,629 (55% of total estimated Q. M. construction cost).

Of the 202 projects providing troop housing:

	<u>Capacity</u>	
201 projects are started	1,269,386	(99% of total)
66 projects are completed	348,050	(28% of total)
19 projects are ahead of schedule	144,003	(11% of total)
107 projects are on schedule*	739,124	(58% of total)
9 projects are behind schedule	38,209	( 3% of total)

Of the 9 projects behind schedule, with a troop capacity of 38,209:

7 are from 5-10% behind	37,351	(98% of 38,209)
2 are from 11-20% behind	858	( 2% of 38,209)

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

TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - May 31, 1941

Source: Statistics Branch, QMG - OUSW

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QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - May 31, 1941

Source: Statistics Branch, CQMG - OUSW

<u>STATUS</u>		<u>COST IN MILLIONS</u>	<u>%</u>
COMPLETED		122	8
AHEAD OF SCHEDULE		156	11
ON SCHEDULE	(Includes projects from 1 to 4% be- hind schedule and 1 to 4% ahead of schedule)	1013	70
BEHIND SCHEDULE		128	9
NOT STARTED		36	2
TOTAL		1455	100

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - JUNE 14, 1941

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

GENERAL - The basic concept of field communications of our Army has, in the past, been a wire system augmented by other means, such as messengers, radio, signal lamps, panels, pigeons, etc. Radio communication has been regarded as an emergency means, except where used by the Air Corps, Cavalry and for communication between combat vehicles.

Lessons being learned from combat operations in the European war, clearly indicate the increasing importance of radio, as exemplified by the following:-

- a. The only practical means of communication with aircraft is radio and aircraft are being employed more extensively than ever before.
- b. The use of air-borne troops has come into being and parachutists are proving effective in the destruction of wire communication.
- c. Radio is necessary for communication between air-borne troops and their bases.
- d. Highly mobile mechanized troop units have participated in practically all ground operations. The impracticability of establishing wire communication between such units is obvious and dependence must, therefore, be placed upon radio.
- e. Radio aircraft warning devices are being used by the British and radio equipment, as an aid in combating enemy aircraft, has also been developed and is destined to play an important role in the present war.

Radio equipment to meet these new requirements has been developed and many contracts are being awarded for its procurement.

PRODUCTION - Deliveries of critical Signal Corps equipment continued in moderate volume last week. While the lag in ground radio sets continues, deliveries were made on three important aircraft warning sets. The production of these sets, however, has been consistently behind estimated schedules.

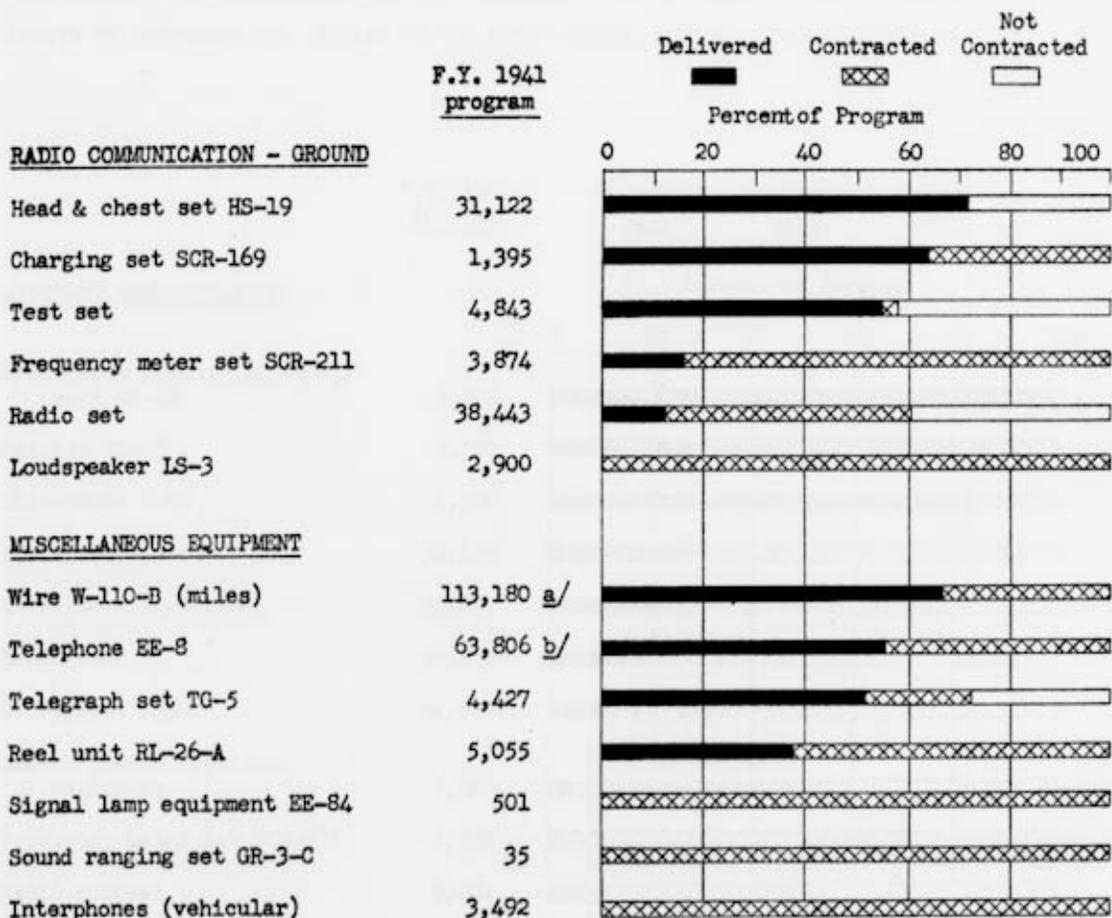
Several ground radio sets remain delinquent due to the shortage of minor parts and accessories. Contractors of certain of these items have promised prompt delivery, contingent upon the availability of raw materials, notably aluminum and brass. Corrective action now being taken indicates improvement in this situation within one month.

Three contracts for critical items were completed last week and contract awards were made on four items on the Fifth Supplemental program. Two critical items were removed from the delinquency list, leaving a total of 33 items behind schedule.

LABOR DIFFICULTIES - The strike at plant of General Ceramics Co., manufacturers of insulators for the Signal Corps, has been settled. Strikes at New Jersey Galvanizing Company and Karp Metal Products are still in progress. The threatened strike at American Brass in Connecticut might seriously interfere with Signal Corps production, as a shortage of brass is now delaying deliveries on two important radio sets. There is also the possibility of a strike at Breeze Corporation in Newark. The latter company holds important Signal Corps subcontracts.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JUNE 14, 1941

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



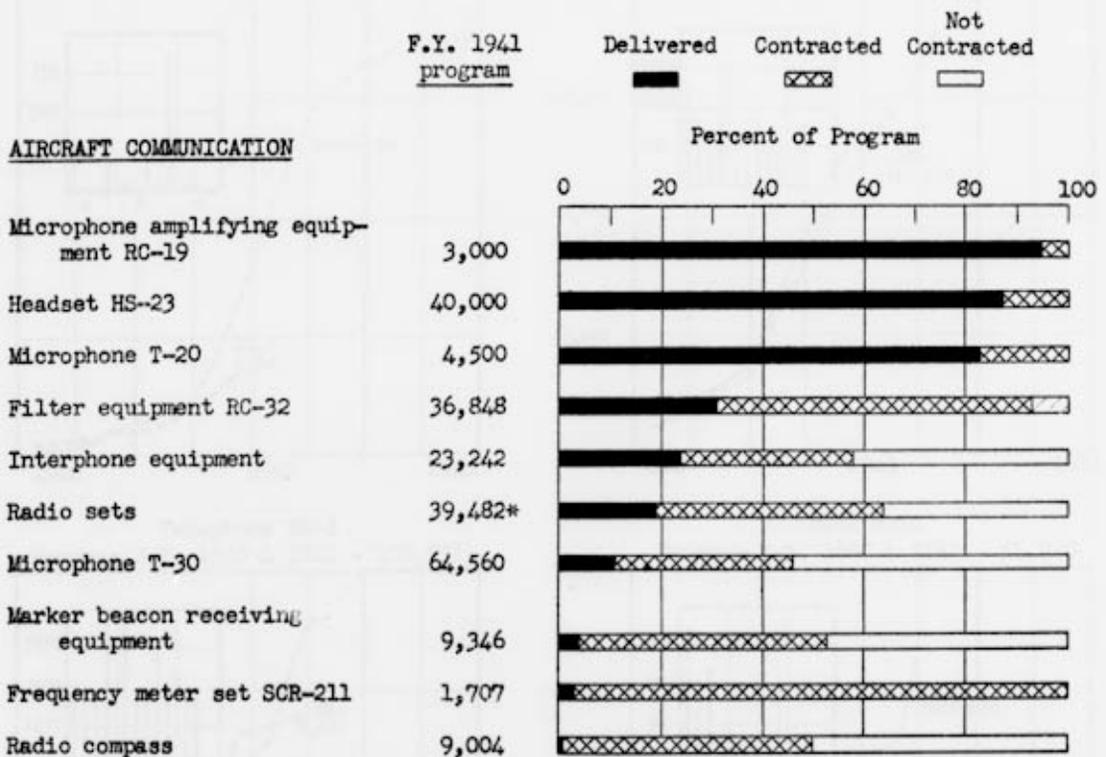
a/ Includes 8,000 miles for Marine Corps

b/ Includes 5,068 for component parts of other critical items

All figures are cumulative

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JUNE 14, 1941

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



\* Includes 526 SCR-183 for Navy

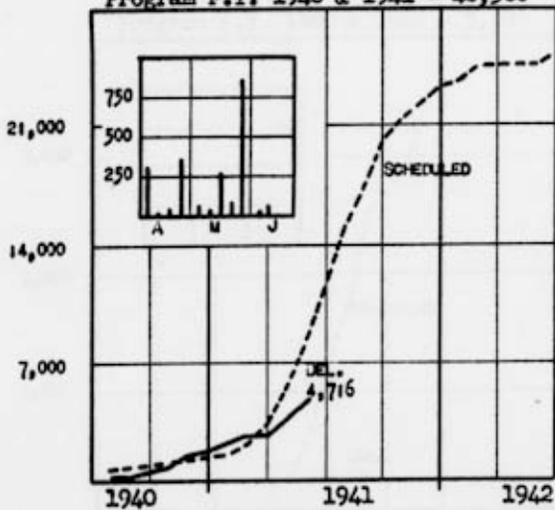
All figures are cumulative

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 14, 1941

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

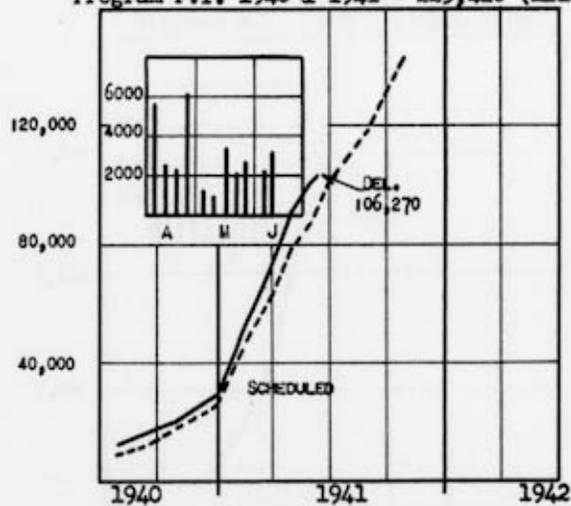
Radio Set

Program F.Y. 1940 & 1941 - 40,380



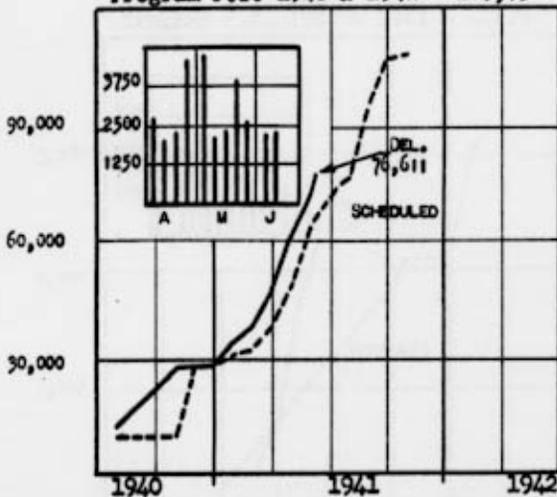
Field Wire

Program F.Y. 1940 & 1941 - 225,410 (miles)



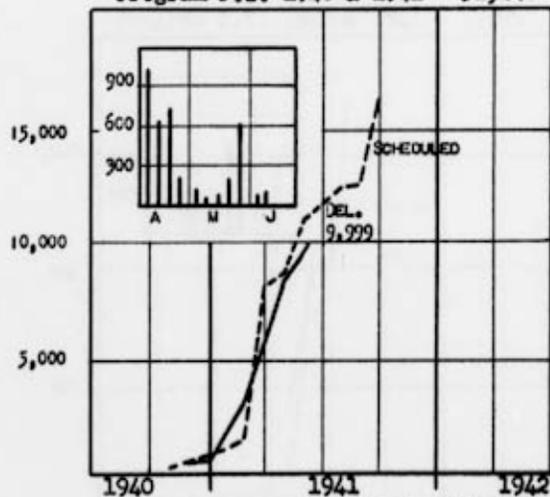
Telephone EE-8

Program F.Y. 1940 & 1941 - 109,951



Reel Unit

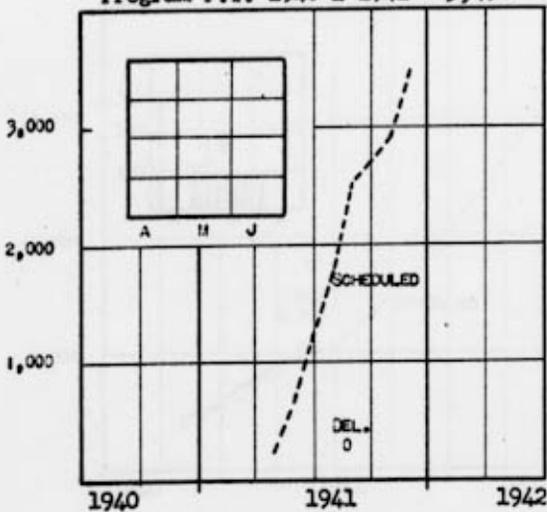
Program F.Y. 1940 & 1941 - 51,240



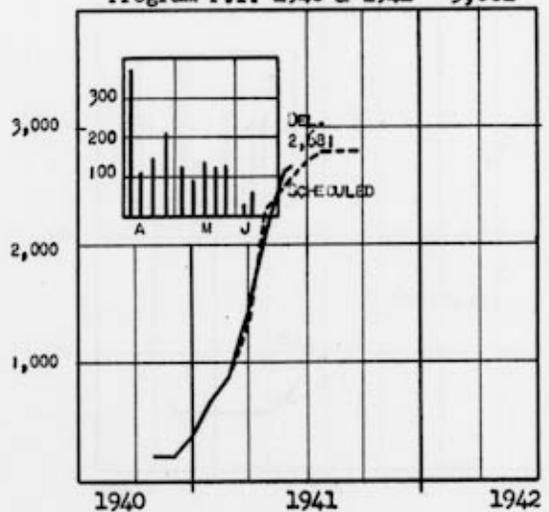
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 14, 1941

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

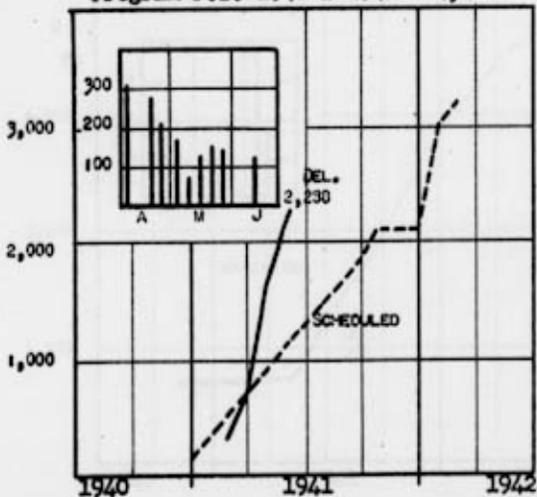
Interphones (vehicular)  
Program F.Y. 1940 & 1941 - 3,492



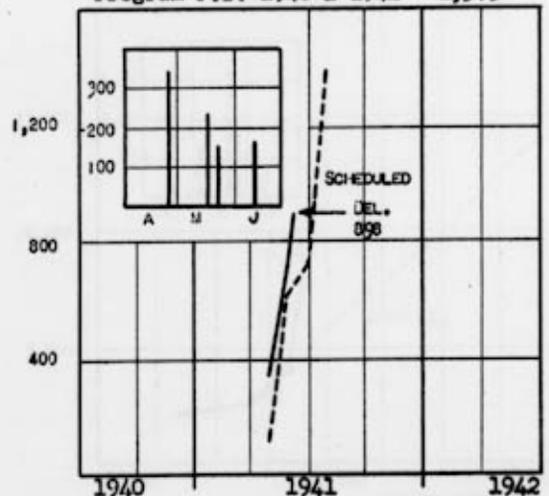
Test Set  
Program F.Y. 1940 & 1941 - 5,061



Telegraph Set TG-5  
Program F.Y. 1940 & 1941 - 4,427



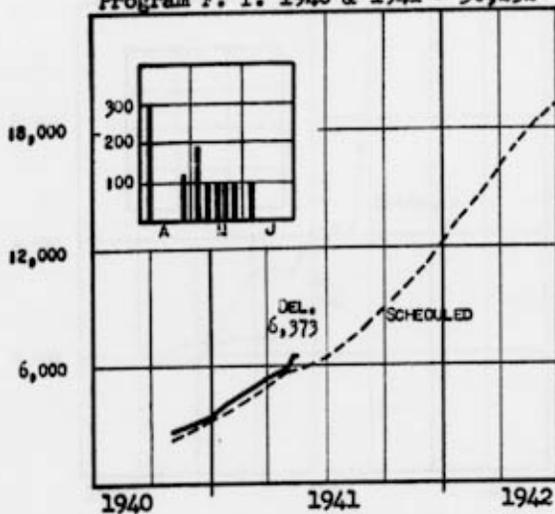
Charging Set SCR-169  
Program F.Y. 1940 & 1941 - 1,395



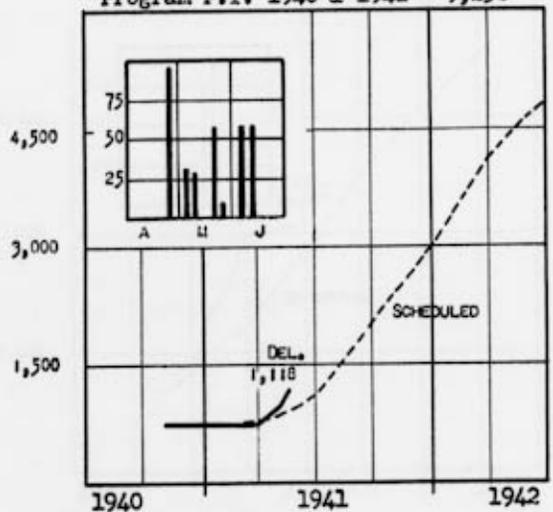
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - JUNE 14, 1941

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

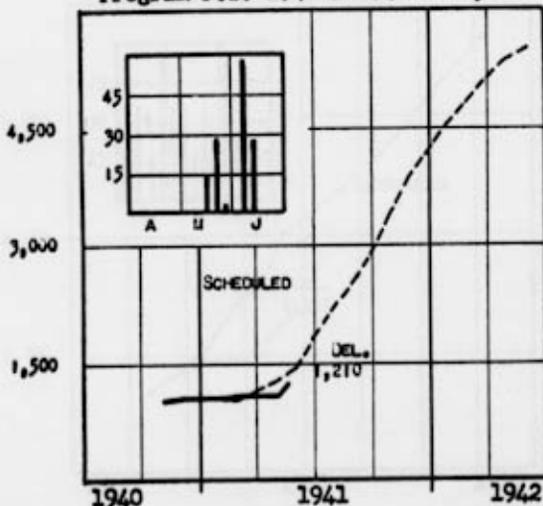
Radio Aircraft, Command  
Program F. Y. 1940 & 1941 - 30,252



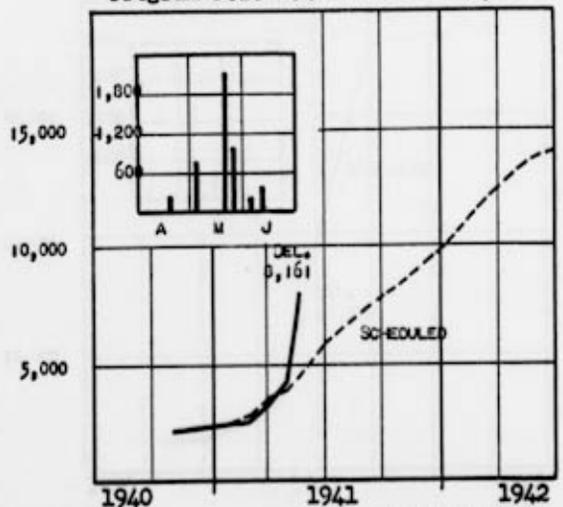
Radio Aircraft, Liaison  
Program F.Y. 1940 & 1941 - 9,230



Radio Compass  
Program F.Y. 1940 & 1941 - 10,068



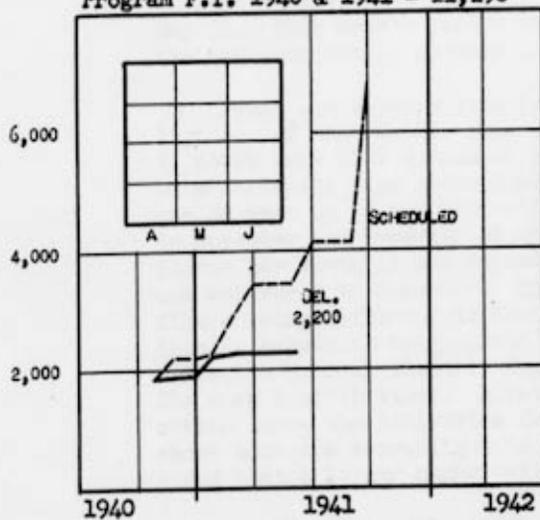
Interphone Equipment - Aircraft  
Program F.Y. 1940 & 1941 - 25,370



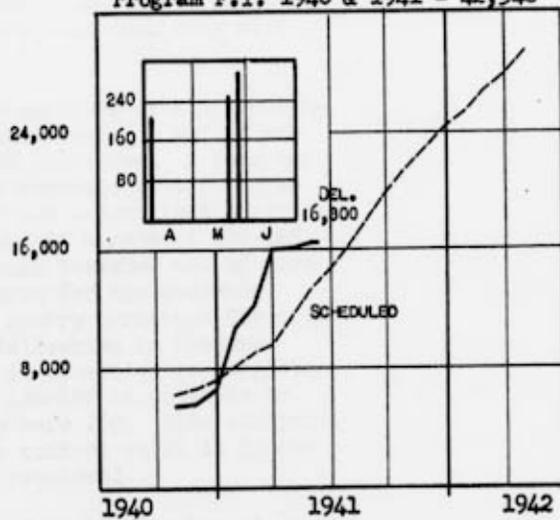
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - JUNE 14, 1941 (PAGE II)

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

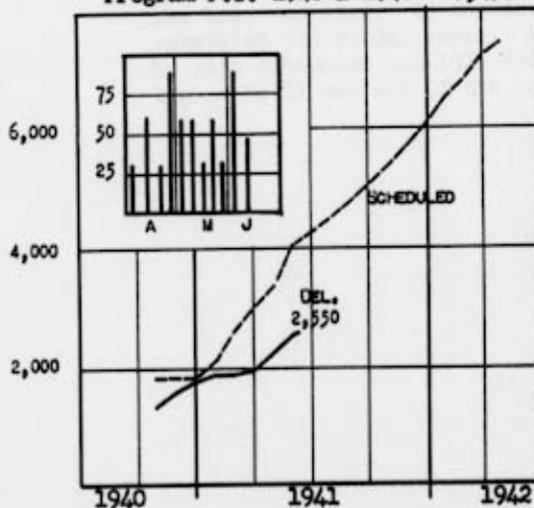
Marker Beacon Receiving Equipment  
Program F.Y. 1940 & 1941 - 11,196



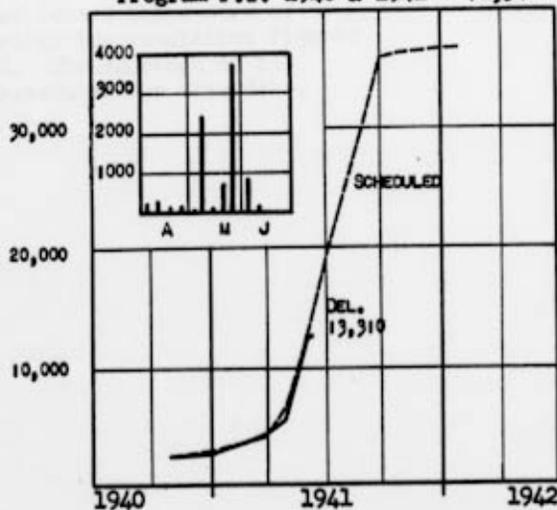
Filter Equipment RC-32  
Program F.Y. 1940 & 1941 - 42,348



Frequency Meter Set SCR-211  
Program F.Y. 1940 & 1941 - 7,459



Aircraft Microphones T-20 & T-30  
Program F.Y. 1940 & 1941 - 71,370



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 7, 1941

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

Except for the 60" antiaircraft searchlight, no information is available with which to bring up to date our report of June 14. The June 14 report showed all items as of June 7 except searchlights for which the data were as of May 31. This week's report therefore will deal only with the new searchlight information.

Funds are appropriated for the purchase of 2485 searchlights. Of this number 2156 are contracted for and on May 31 there were 1107 scheduled and 972 delivered. A diagram on a following page shows that this shortage of 135 lights can be made up by the expiration of the searchlight contracts in November and December of this year if a rate of 186-188 lights per month is maintained through November and 67 more are delivered in December. The reason for the December figure being different is that the Sperry Gyroscope Corporation is scheduled to complete its deliveries in November while the General Electric Company is scheduled to complete its work a month later. A rate of 186-188 is possible to obtain since the deliveries for May were 260. This analysis shows that the searchlight is under control until it is decided that a larger number will be required.

The diagram on the second page following is the story of recent deliveries on a weekly non-cumulative basis. It shows that in every week except one since April 1 the schedule has been exceeded. In the week ended June 7 there were 47 scheduled and 52 delivered. This brings the cumulative figures to 1154 scheduled and 1024 delivered. The shortage of 130 lights is 11 percent of the number scheduled for this date.

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

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

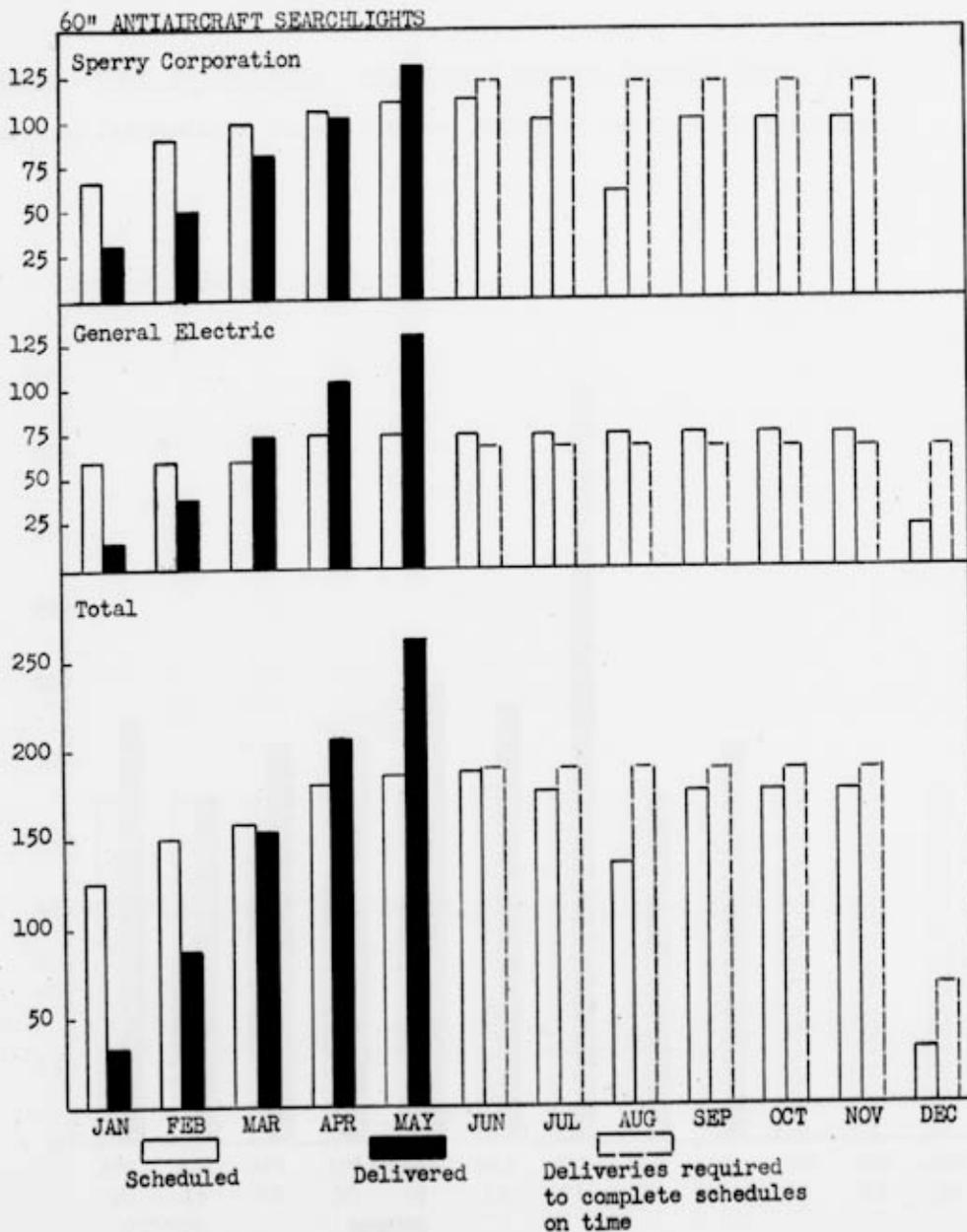
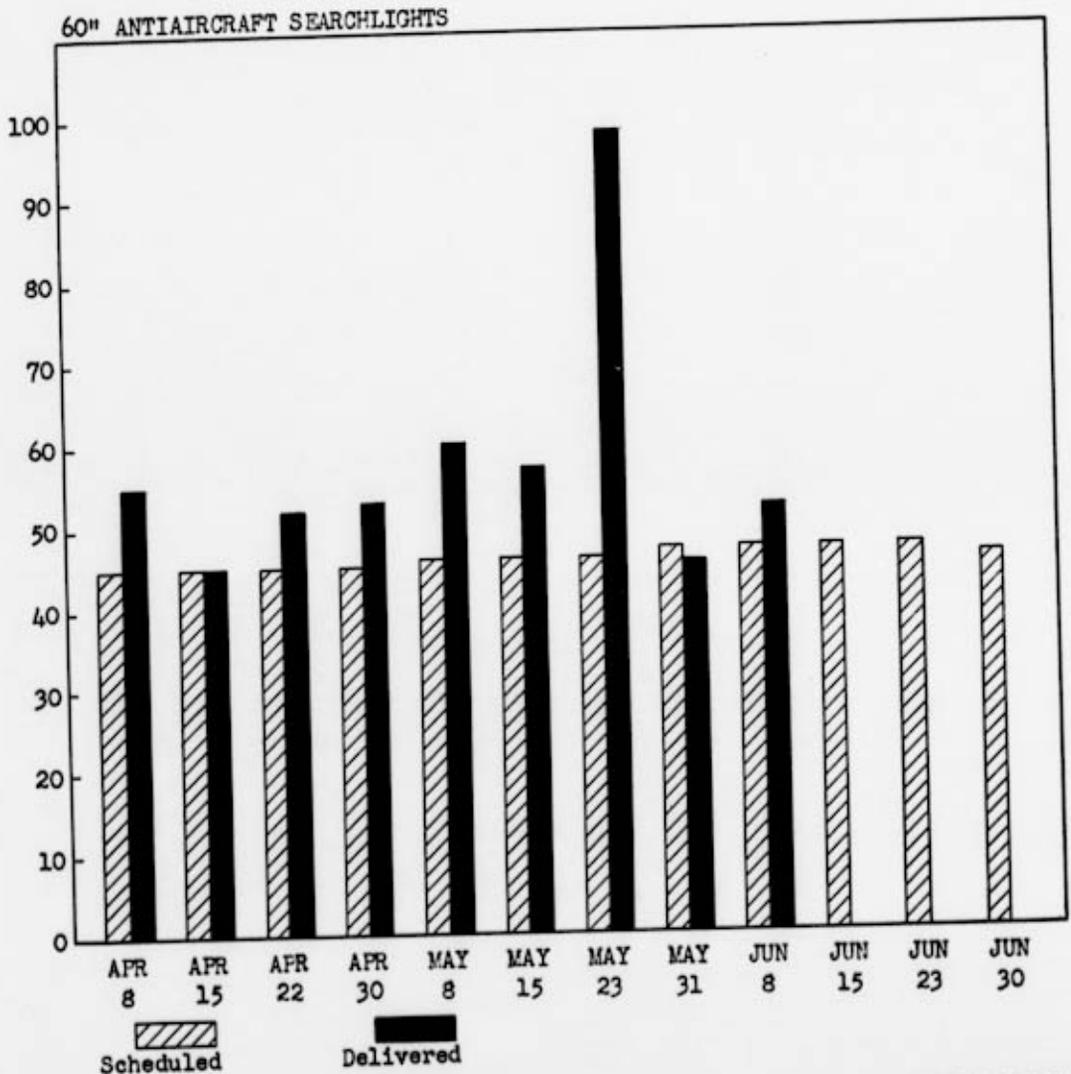


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 7, 1941

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



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - MAY 31, 1941

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

GENERAL

During the past period the estimated cost of construction at Air Corps stations being done by the Corps of Engineers has increased about 26.9 million dollars. This brings the total estimated cost to 409.5 million. All of this increase was due to new authorizations on old projects. Only one new project was reported. This was for construction of temporary housing and technical facilities at an existing G.H.Q. station at Orlando, Florida. Information on this project is incomplete pending approval of the plans by the Air Corps. The estimated value of work in place is 173.0 million dollars, or 42 percent of the total--an increase of 14.6 million over the last report. The troop capacity is 211,731 men. On most of the projects troop accommodations are complete, or nearly so.

Construction is divided into eight groups: G.H.Q. air force stations, aircraft assembly plants, Air Corps depots, pilot schools, engineering experimental depots, observation units, technical schools, and replacement centers.

G. H. Q. AIR FORCE

The estimated cost of this group is 172.3 million dollars or 42 percent of the total. Of this, 101.3 million is in place. This is 59 percent of the estimated cost of this group and 59 percent of all work in place.

AIRCRAFT ASSEMBLY PLANTS

This group is composed of four projects. The estimated cost is 67.8 million dollars and value of work in place is 5.4 million or 8 percent of the cost. Technical facilities on three of the four are scheduled for completion December 31, 1941, and the other (Tulsa) is scheduled for one month later.

TECHNICAL SCHOOLS

The estimated cost of this group is 56.6 million dollars. The work in place is 30.2 million. This is 53 percent of the estimated cost and 17 percent of the total work in place.

AIR CORPS CONSTRUCTION - (Continued)

AIR CORPS DEPOTS

The estimated cost is 39.0 million dollars. The value of work in place is 16.3 million, or 42 percent of the estimated cost.

PILOT SCHOOLS

In the last period the estimated cost has risen about 4.2 million dollars and is now 50.0 million. This is 12 percent of the total. The value of work in place is 13.9 million or 28 percent of the estimated cost.

ENGINEERING EXPERIMENTAL DEPOTS

The estimated cost is 11.1 million dollars, about 3 percent of the total. Of this, 4.5 million or 41 percent is in place.

OBSERVATION UNITS

The estimated cost is now 7.2 million dollars for this group, which is 2 percent of the total cost. The value in place is 2.8 million or 39 percent of the estimated cost.

REPLACEMENT CENTER

There is only one project of this type--the Jefferson Barracks located at St. Louis, Mo. The estimated cost is 5.5 million dollars, and it has a troop capacity of 9,500 men. About 9 percent or 0.5 million is in place.

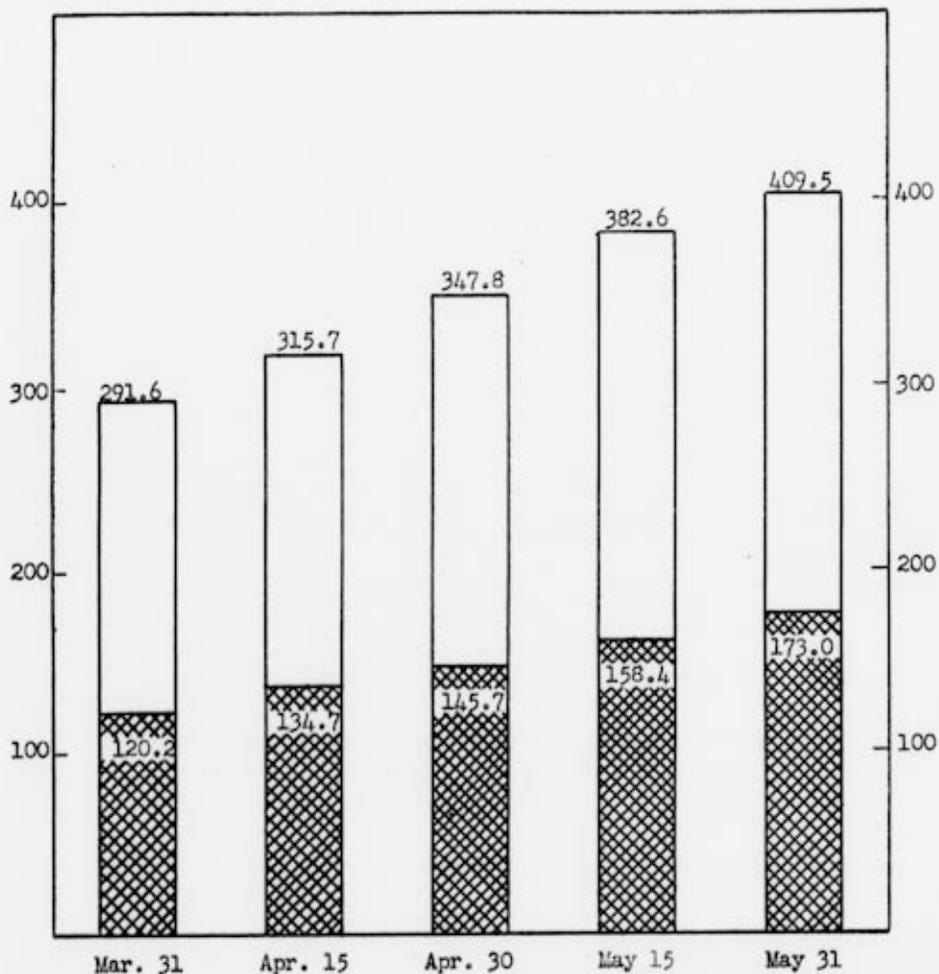
DIAGRAM

On the following page there is a diagram reproduced from one made by the Construction Section, Office of the Chief of Engineers. It shows very aptly the growth of the construction program and the amount of work in place for the last two months.

CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - MAY 31, 1941

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

□ Total estimated cost  
▨ Value in place



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JUNE 21, 1941

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

There is no change in the status of surgical instruments over last week's report. However, the delivery of basic material for this equipment leads to an optimistic feeling that the behind schedule contractors will soon be making steady deliveries.

According to belated information received, the strike against the Picker X-Ray Corporation of Cleveland, Ohio, was settled on June 8, 1941. The company now promises early shipment of the new model Field X-Ray units, which are much needed for distribution.

The selected items reported on, continue to show improvement. The Procurement Progress Report for the first quarter of June shows eighteen contracts completed during that period. The status of these items on May 31 and June 7 is as follows:

	Ahead of Schedule	On Schedule	Behind Schedule	Not contracted
May 31	14	34	21	2
June 7	17	40	14	0

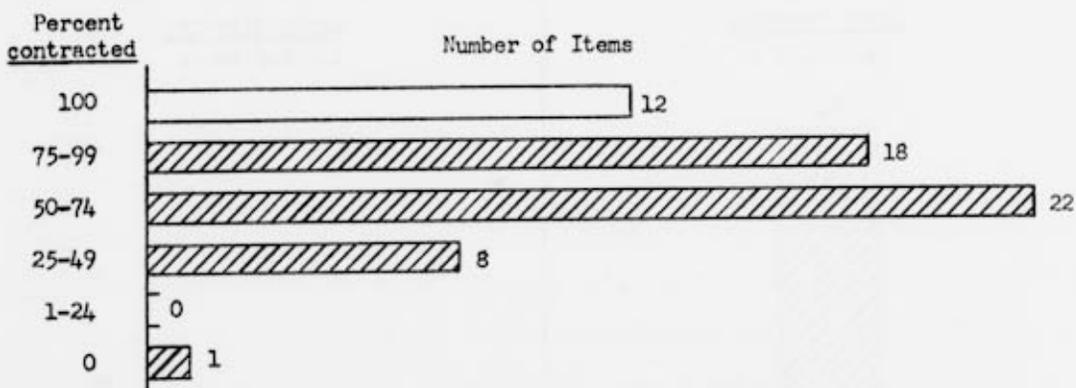
The Torrington Company, Torrington, Connecticut, last week completed delivery, ahead of schedule, on three items of Surgical Needles.

According to a summary of Weekly Vital Statistical Report No. 23, June 12, 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 3.10. This percentage shows 2.78 remaining in hospitals and .32 in quarters.

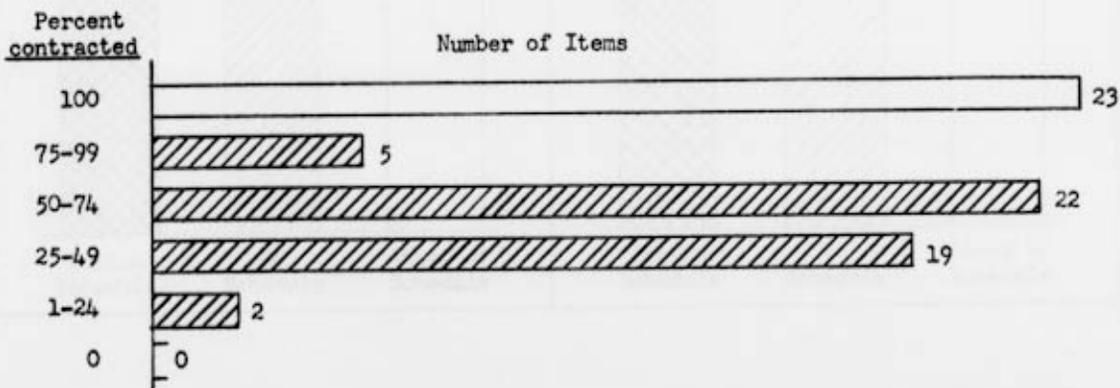
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 7, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED  
as of 5-31-41



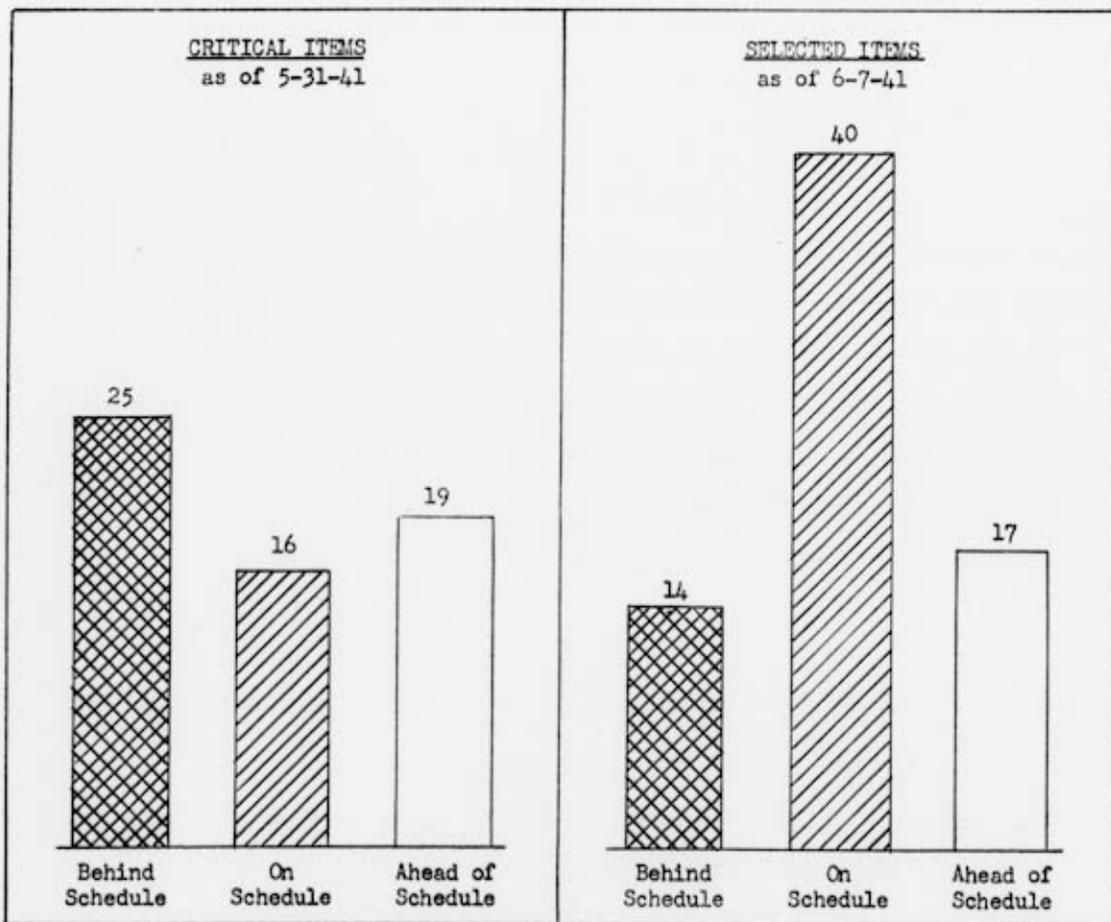
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED  
as of 6-7-41



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 7, 1941

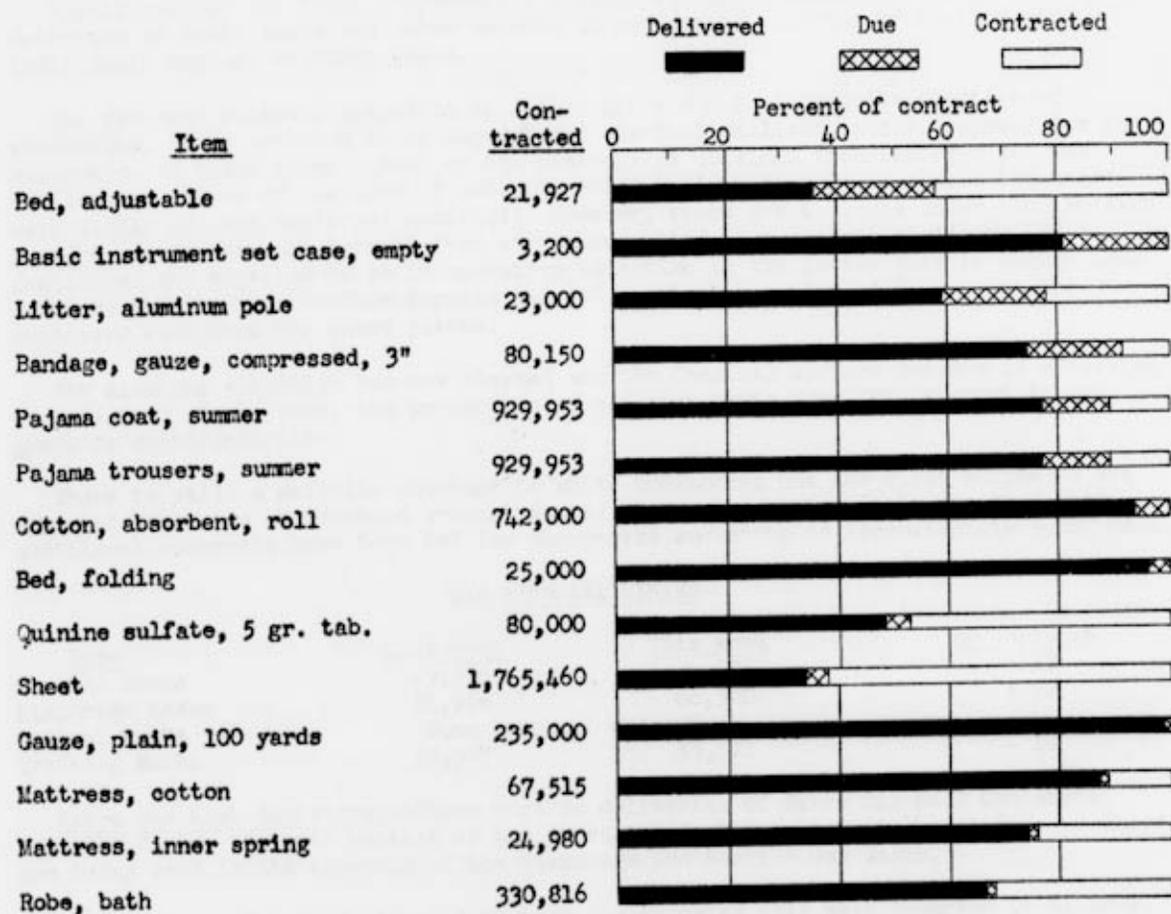
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - JUNE 7, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JUNE 13, 1941

Source of Information: Chemical Warfare Service Weekly Reports

The diagrams included in this report represent the total program for the fiscal years 1940 and 1941 including the figures on the Fifth Supplemental National Defense Appropriation.

There is a slight improvement in the production of the Chemical Warfare material this week in contrast with the downward trend over the past several weeks.

Specifications are being prepared for certain equipment utilized in England for the detection of toxic gases and other devices in connection with the protection of individuals against vesicant gases.

The gas mask canister situation is rather grave due to a definite shortage of whetlerite. This compound is an impregnated charcoal utilized in the canister for the absorption of toxic gases. Most of the charcoal is obtained from imported coconut shells and because of the lack of adequate ships it is difficult to obtain the necessary supply of this basic raw material. However, there are 4 plants under construction for the manufacture of charcoal from substances other than coconut shell and these facilities are expected to be in operation some time in the latter part of August 1941 provided the Chemical Warfare Service can get a priority rating of "A-1-b" on the necessary equipment for those plants.

The aluminum situation has now cleared and the Chemical Warfare Service is receiving its allotted share, thus, the production of gas mask parts from this element is progressing satisfactorily.

There is still a definite shortage of white phosphorus but the first shipments are expected to arrive at Edgewood Arsenal during the coming week. It is reported that additional contracts have been let for phosphorus amounting to approximately 5,000 tons.

GAS MASK DELIVERIES

Type	Last Week	This Week	Percentage Increase or Decrease
Service Masks	29,376	34,236	+ 17
Diaphragm Masks	51,946	66,320	+ 28
Optical Masks	None	None	
Training Masks	59,597	53,121	- 11

Extra Gas Mask Canisters:--There were no deliveries of Extra Gas Mask Canisters reported during the week because of the shortage of whetlerite. All canisters produced are being used in the assembly of the Diaphragm and Service Gas Masks.

Mustard Gas:--The production of Mustard Gas reported this week amounted to 81 tons while the previous week's production was 84 tons.

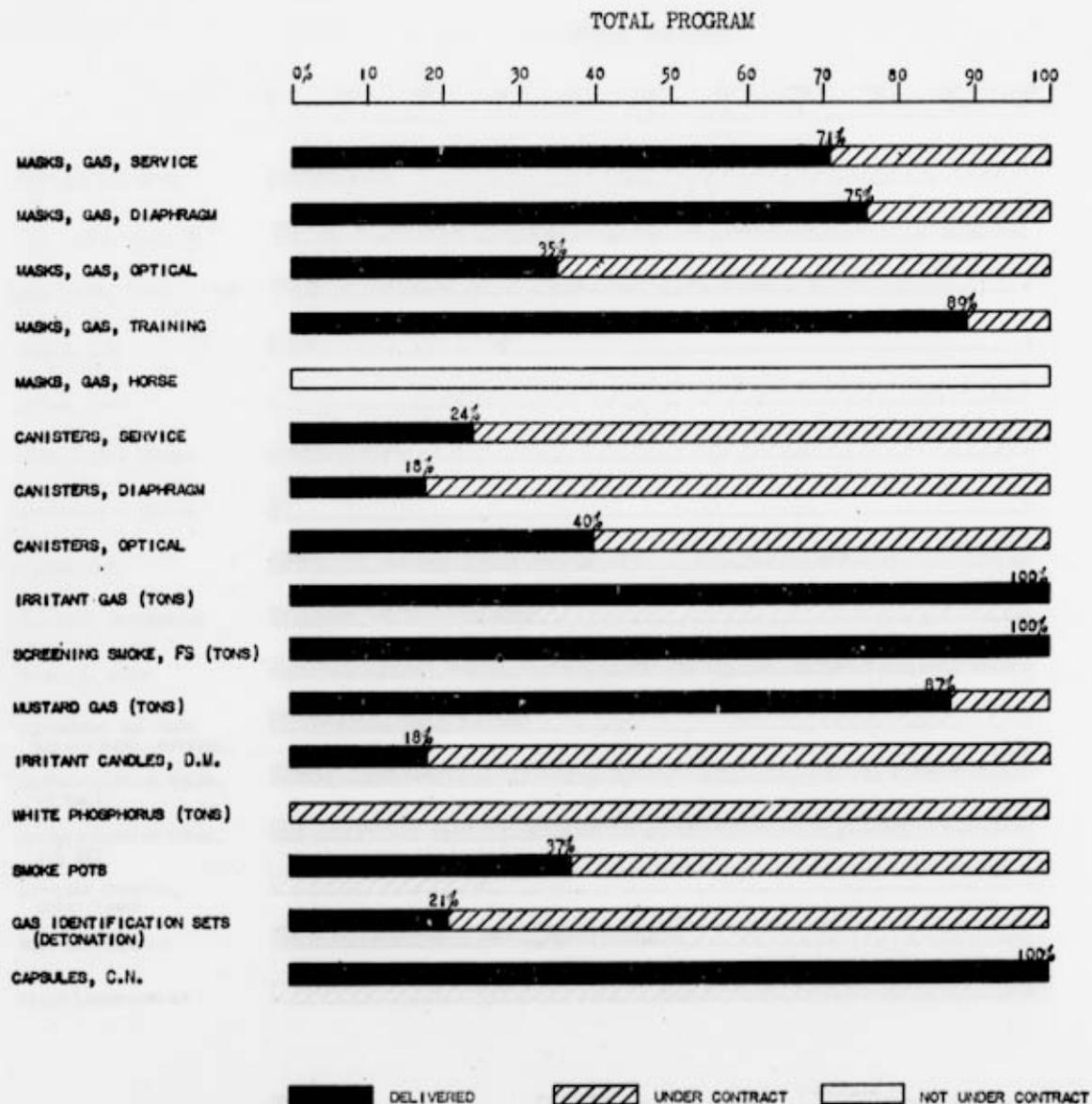
Impregnite "I":--The production of Impregnite "I" amounted to 13.1 tons of which 10.6 tons were delivered and 2.5 tons are in the process of being inspected.

Impregnite "S":--The first deliveries of Impregnite "S" (shoe) have been reported this week. This type of impregnite is used to make shoes impervious to vesicant gases. It is packed in 8-ounce tubes of which 66,000 were delivered to Edgewood Arsenal.

PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service

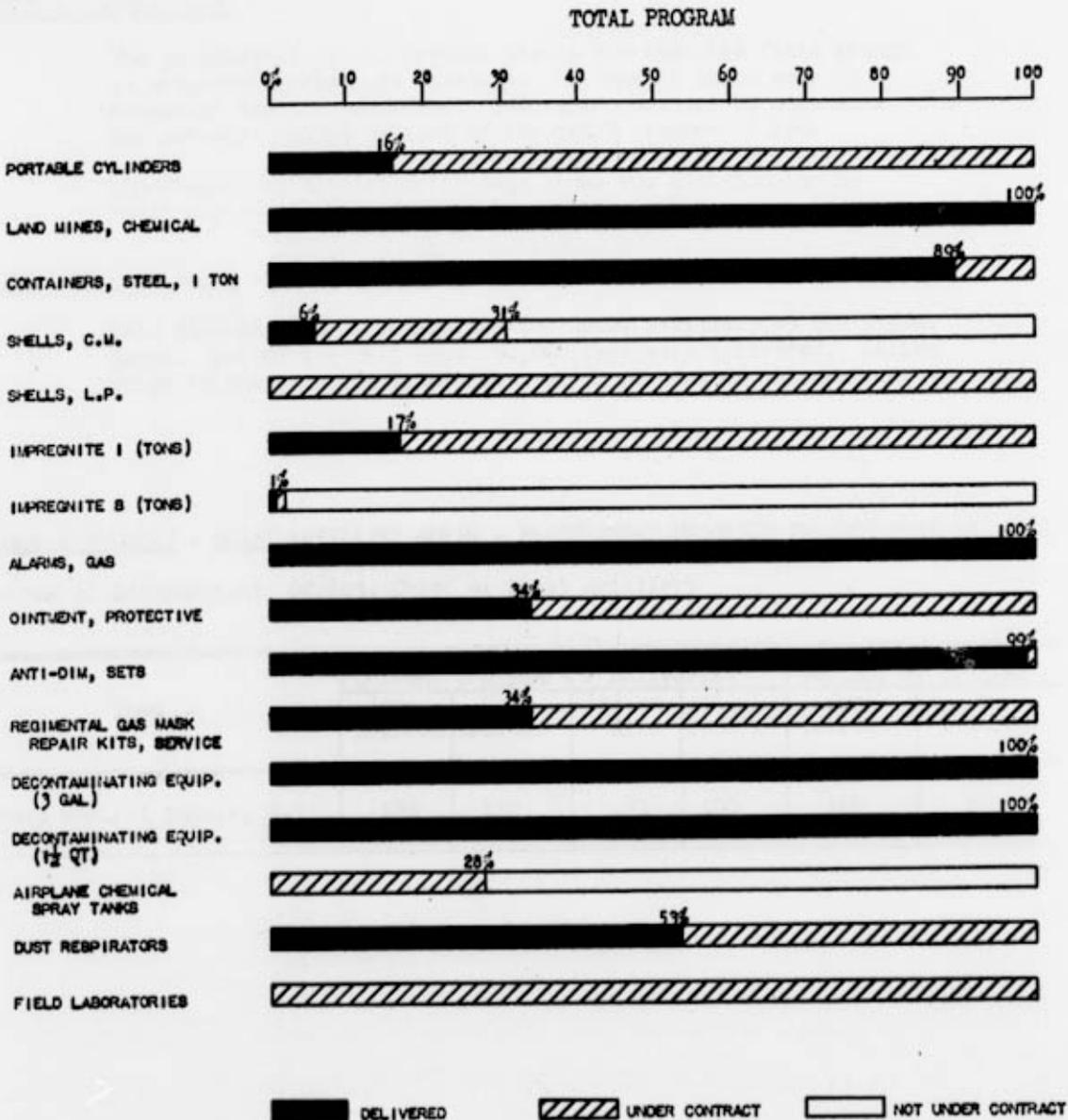
June 13, 1941



PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service

June 13, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JUNE 15, 1941

Source of Information: Office, Chief of Coast Artillery

CONTROL PANELS, M-3

The procurement of the control panels for the mine field groups is progressing ahead of schedule. On June 15 there were 73 scheduled and 100 delivered. Deliveries now are 28 more than the schedule and 72 percent of the total program of 138.

The diagram on the following page shows the distribution by locations and the scheduled dates of completion.

SUBMARINE MINE CABLE - BEHIND SCHEDULE

This item is being procured for the Coast Artillery by the Signal Corps. During the past week 180,000 feet were delivered. Deliveries to date are 2,845,300 feet, or 78 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JUNE 15, 1941

Source of Information: Office, Chief of Coast Artillery

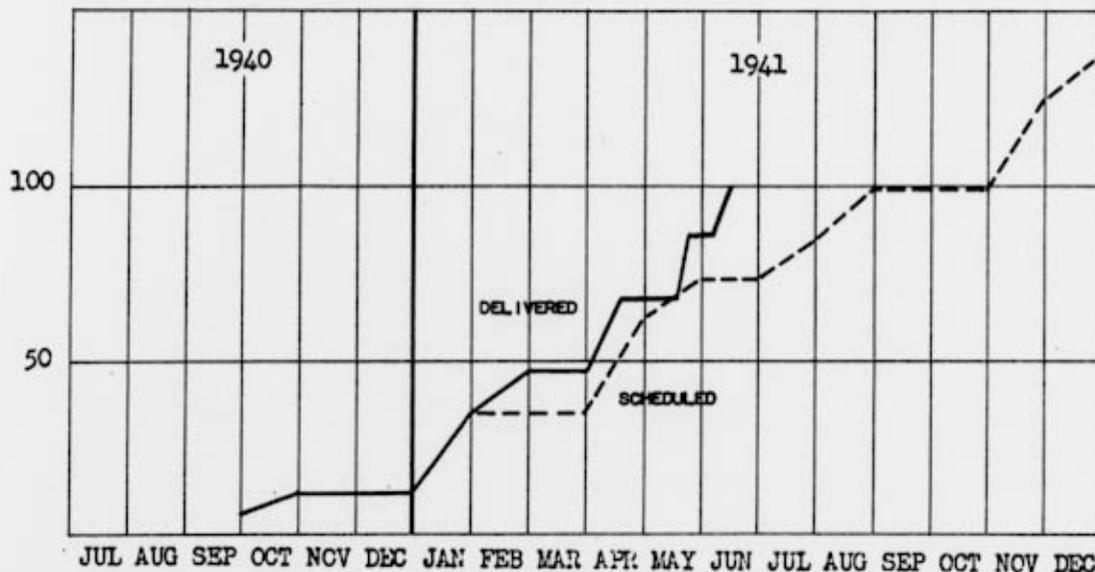
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual June 15	Contracted	Delivered
Group control panels, M-3	138	138	73	100	100	62

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JUNE 15, 1941

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

Harbor defense of:	1940				1941											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boston	5#								4#							
Sandy Hook					23#											
Columbia River									7#							
Southern New York												4				
Portsmouth		6#														
Chesapeake Bay								28#								
Narragansett Bay											12#					
Portland												10#				
Delaware Bay															25*	
San Francisco Bay																14
Total scheduled	5	11	11	11	34	34	34	62	73	73	85	99	99	99	124	138
Actual deliveries	5	11	11	11	34	47	47	69	85							

# delivered

\* 5 of 25 delivered

PSF  
WV

July 5, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copies No. 52 and No. 1 of  
the Weekly Statistical Report Summary.

*R. S. Pitt*

**SECRET**

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

*PSF  
War*

## WEEKLY STATISTICAL REPORT

No. 52

RELEASED

*Leonard P. Ayres*  
COL. LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

## SUMMARY

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Signature- *Carl L. Spicir*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-5241-1

Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

No. 52

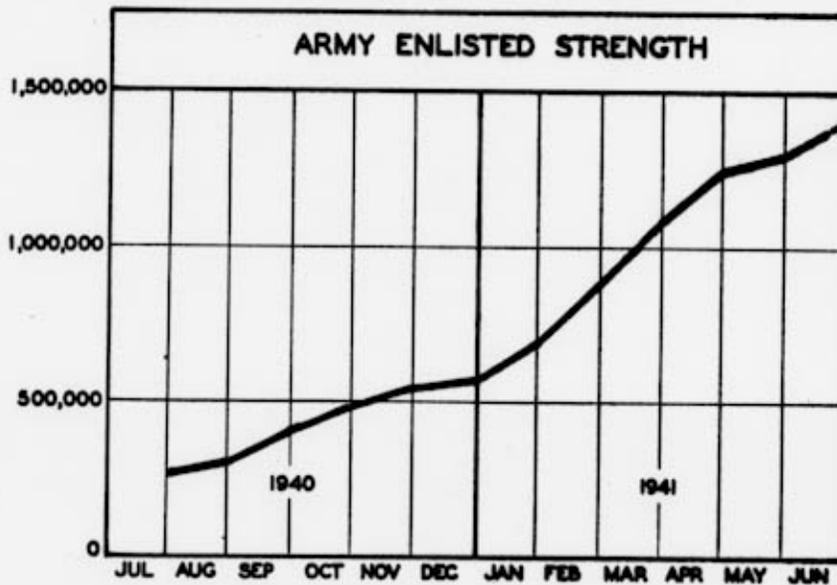
JUNE 28, 1941

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### BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures subsequent to May 15 are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

Source of Information: Statistics Branch, General Staff - June 15, 1941

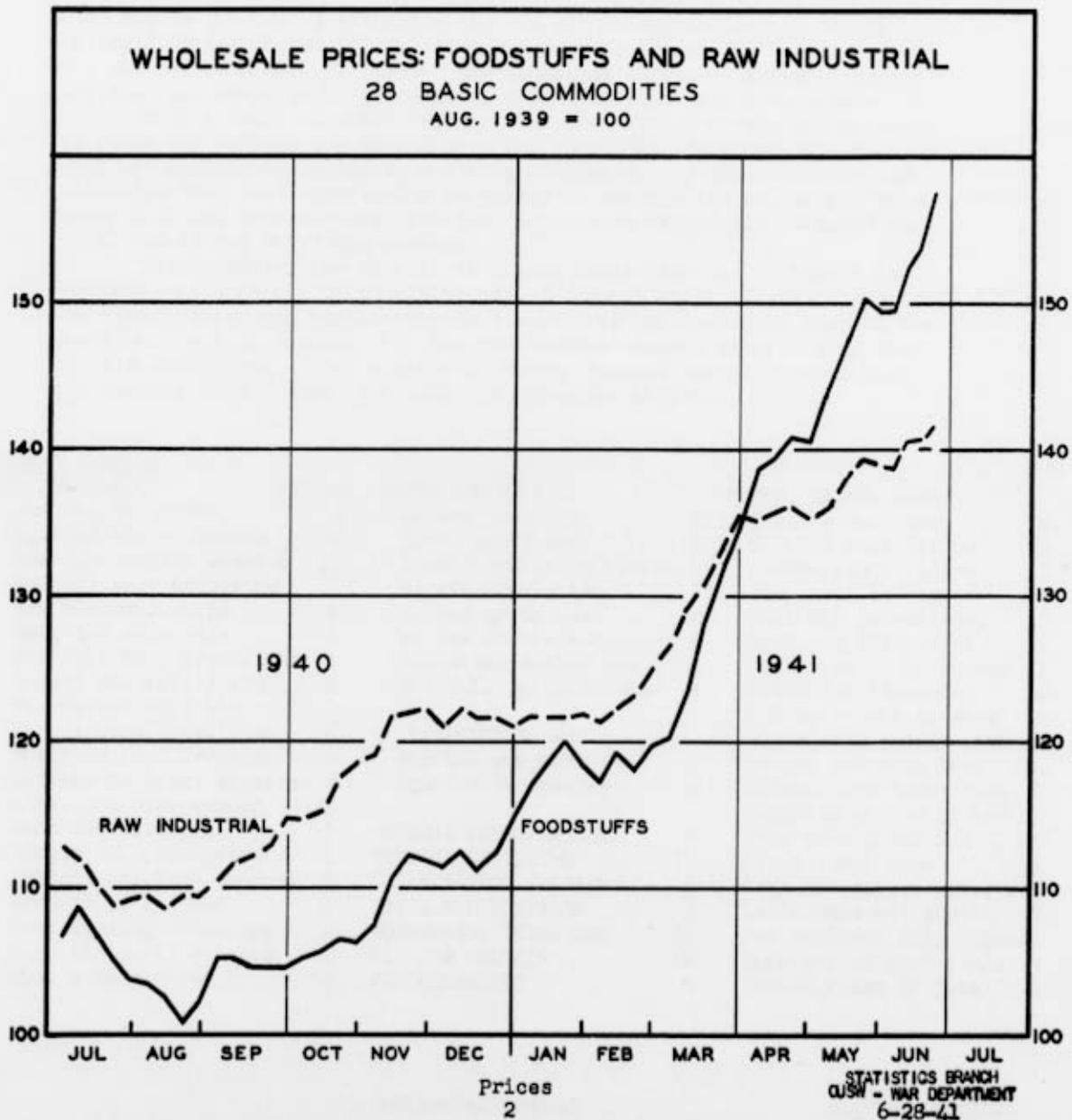


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	407,613
Oct.	483,218
Nov.	540,695
Dec.	573,520
Jan., 1941	693,578
Feb.	873,667
Mar.	1,068,030
Apr.	1,205,873
May	1,291,028
June	1,418,097

### PRICES

Prices of the 28 basic commodities continued to rise, and are now 148.2 percent of the August 1939 level. Foodstuffs have increased 47.6 percent since July 1, 1940, while raw industrial commodities increased 25.4 percent during the past 12 months. Price ceilings on certain basic commodities tend to hold in check the rise in the index from week to week.

Source of Information: Bureau of Labor Statistics



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. June 25, 1941

Since the passage of H R 1776 there have been several occasions when the turn of events offered editorial opinion an opportunity to choose between advocating restriction of our activities to the limits of our defense program or extending our aid and strengthening our foreign policy. On each occasion editorial opinion has chosen the latter course. The Russo-German war, by lifting the immediate threat of invasion of England, has presented the opportunity to make that choice once more.

Only a small minority sees in the Russo-German developments reason to relax our efforts and discontinue our aid. The great majority not only has reaffirmed belief in a strong foreign policy and continued aid, but urges that this opportunity be seized to enlarge our activity. This group does not urge war now, but such phrases as "aggressive action" and "full use of our Navy" are common.

Nevertheless, the thought of giving lease-lend aid to Russia is obviously perturbing. Although trends of thought on this subject are not yet clear, there are indications that editorial opinion would support the sending of aid to Russia. If this development occurs, it will mean that the old concept of aid as a means of saving England has progressed into the concept of aid used as a means of defeating Hitler.

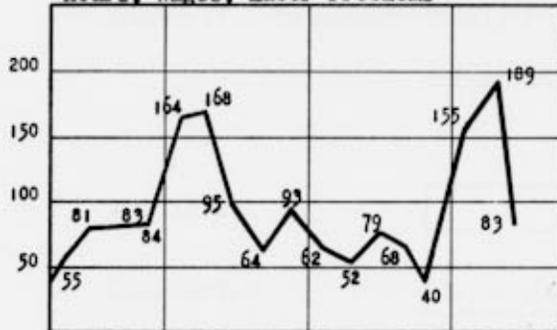
TABULAR SUMMARY

THE EMERGENCY	Tallies	TREND TOWARD WAR	HOURS, WAGES, LABOR	
For aid to Russia	3	We are trending	4	
Against aid to Russia	2	Govt. wants war	2	
Use opportunity somehow	14	R Moor brings us closer	1	
R-G war ends emergency	1	We are unprepared	3	
Arm merchant ships	2	Do not go to war	2	
Make the seas safe	4	We are in the war	4	
For full Navy protection	5	For naval action now	1	
Repeal Neutrality Act	1	For full participation	2	
For German exit ban	3			
For closing consulates	18	ST LAWRENCE SEAWAY		
For Axis fund freezing	8	For the project	9	
Message to Cong. approved	7	Against the project	6	
Cong. not disregarded	2			
Stop Red sabotage	1	GENERAL COMMENDATION	5	
Spread Am. propaganda	1	GENERAL CRITICISM	37	
Against gas-less Sundays	1	ORGANIZATION PROBLEMS	5	
For ration instead	1	GOVT. AND BUSINESS	3	
Stop sending Japan gas	2	ECONOMICS, INFLATION	21	
Stop tin plate exports	4	AID FOR BRITAIN	14	
Stop auto exports	4	MISCELLANEOUS	6	
			Strikes must stop	8
			Strikes help Hitler	1
			Communists to blame	18
			They must be ousted	10
			Oust all subversives	5
			Rank and file loyal	7
			Criticism of Mr Murray	7
			Situation improving	2
			Protect right to work	1
			For "cooling off" laws	6
			Revise existing laws	4
			Extend anti-trust laws	1
			Regulate unions by law	1
			Stop mass picketing	3
			For a labor code	1
			Army NA seizure approved	1
			Labor must not profit	1
			For employer NLRB rights	1
			Approval of Ford peace	3
			Transfer WPA to jobs	2

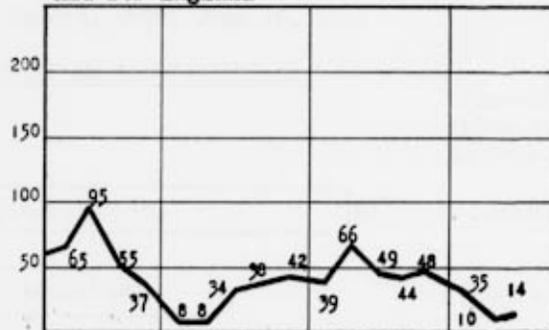
**EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS** - Talled from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

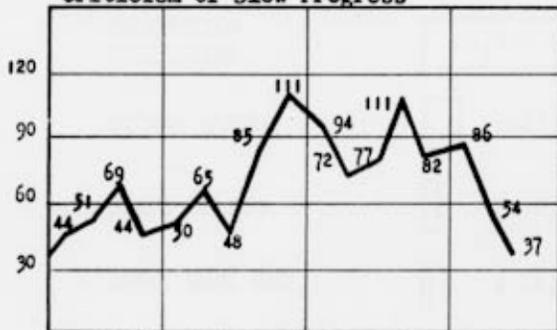
**Hours, Wages, Labor Problems**



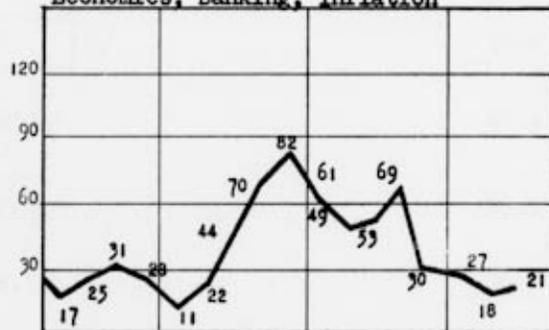
**Aid for England**



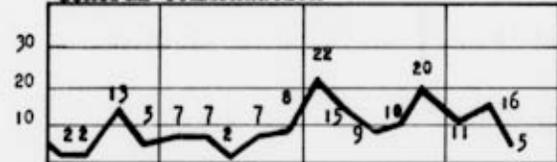
**Criticism of Slow Progress**



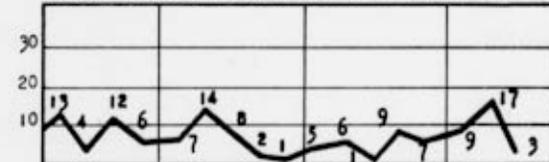
**Economics, Banking, Inflation**



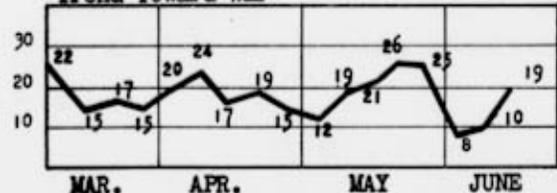
**General Commendation**



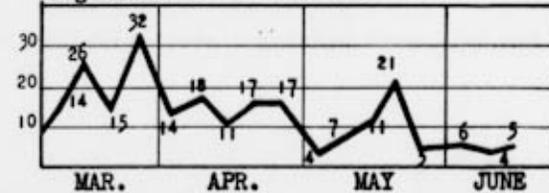
**Relations of Government to Business**



**Trend Toward War**



**Organization for Defense**



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 75.1 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, June 26, 1941

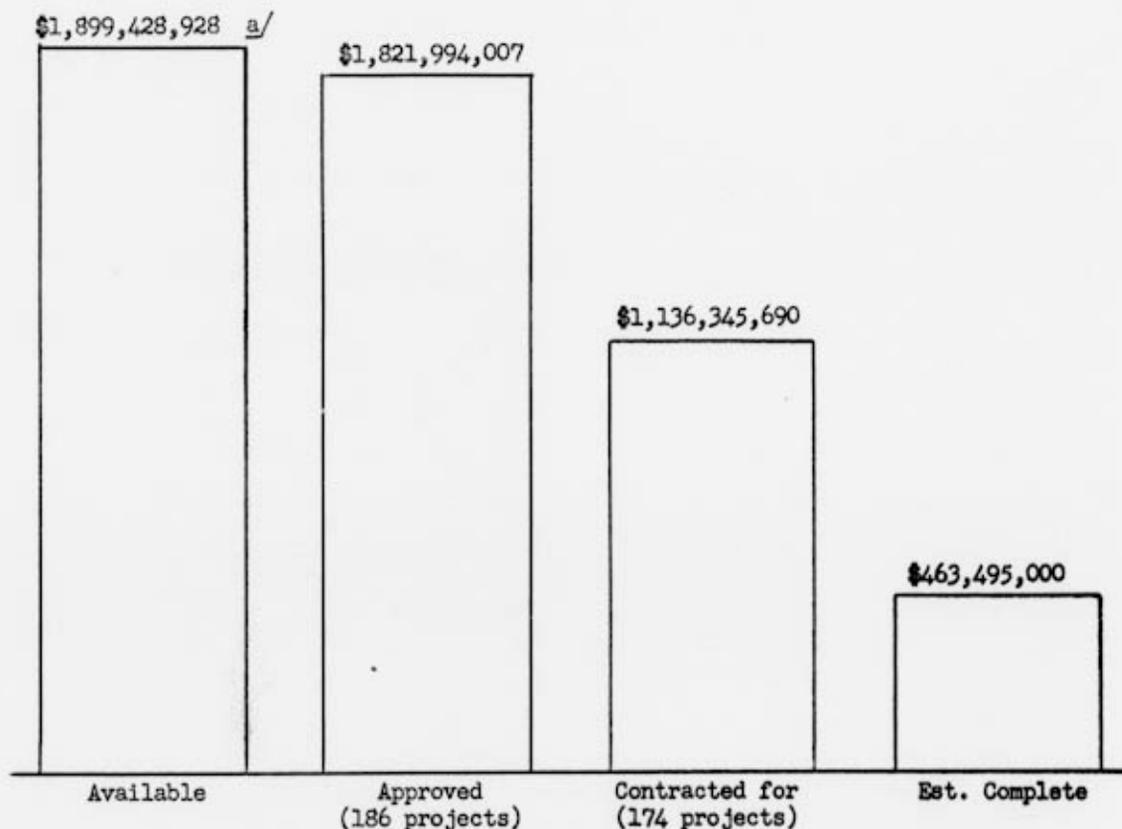
	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	Percent obligated to June 25
AIR CORPS	\$3,646,538,963 a/	76.8
ORD. DEPT.	\$2,741,659,091 (tentative)	91.1
Q. M. C.	\$2,290,871,609 a/	62.1
PRODUCTION FACILITIES	\$1,899,428,928 b/	59.8
SIGNAL CORPS	\$223,265,460 a/	98.5
CORPS OF ENG.	\$ 98,268,961 a/	93.5
CHEM. WAR. SER.	\$ 54,483,184	90.5
MED. DEPT.	\$ 42,851,671	100.0
C. A. C.	\$ 1,219,839	100.0
TOTAL	\$10,998,587,706	75.1

a/ NOTE: Figure revised by Service.

b/ NOTE: Specific appropriation - additional funds were furnished from Navy and S.A.S.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - June 21, 1941

Source of Information: Construction Division Report, June 21, 1941



<sup>a/</sup> Includes Expediting Production Appropriation of \$1,464,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$196,644,007; Chemical Warfare Service \$500,000, and Navy Department \$15,000,000; Defense Aid Appropriation \$178,723,921.

TEXT SUMMARY - JUNE 28, 1941

Source of Information: Ordnance Department

DAILY CONTRACT AWARDS

Comparison of daily contract awards reported for the first 25 days of June with those for the months of April and May is as follows:

	To Industry (THOUSANDS)	To Arsenal & New Ordnance Facilities (THOUSANDS)	For New Facilities (THOUSANDS)
April	\$ 56,639	\$ 8,888	\$ 1,000
May	37,394	103,783	0
June	94,086	283,544	30,133
Cumulative total, Fiscal Year 1941 through June 25	1,509,606	968,901	576,236

The awards to industry include a substantial part of the orders for manufacture by arsenals and by new ordnance facilities, which are purchased from subcontractors.

ALLOCATIONS AND OBLIGATIONS

The break down of the allocated funds available for Ordnance services and supplies in the 1941 fiscal year with the corresponding obligations, as of May 31, 1941, is shown below:

Name	(THOUSANDS)		Percent of Total
	Total Available	Obligations	
Small Arms Materiel	\$ 270,106	\$ 174,623	65
Small Arms Ammunition	308,738	233,363	76
Artillery Materiel	257,262	172,945	67
Fire Control Equipment	92,949	87,522 *	94
Automotive Equipment	464,347	345,598	74
Artillery Ammunition	1,301,694	567,338	44
Bombs	214,686	58,152	27
Pyrotechnics	13,842	9,152	72

\* Part of available funds included in other items.

Included in the total funds available are Coast Artillery Corps 1940 fiscal year funds.

ORDERS

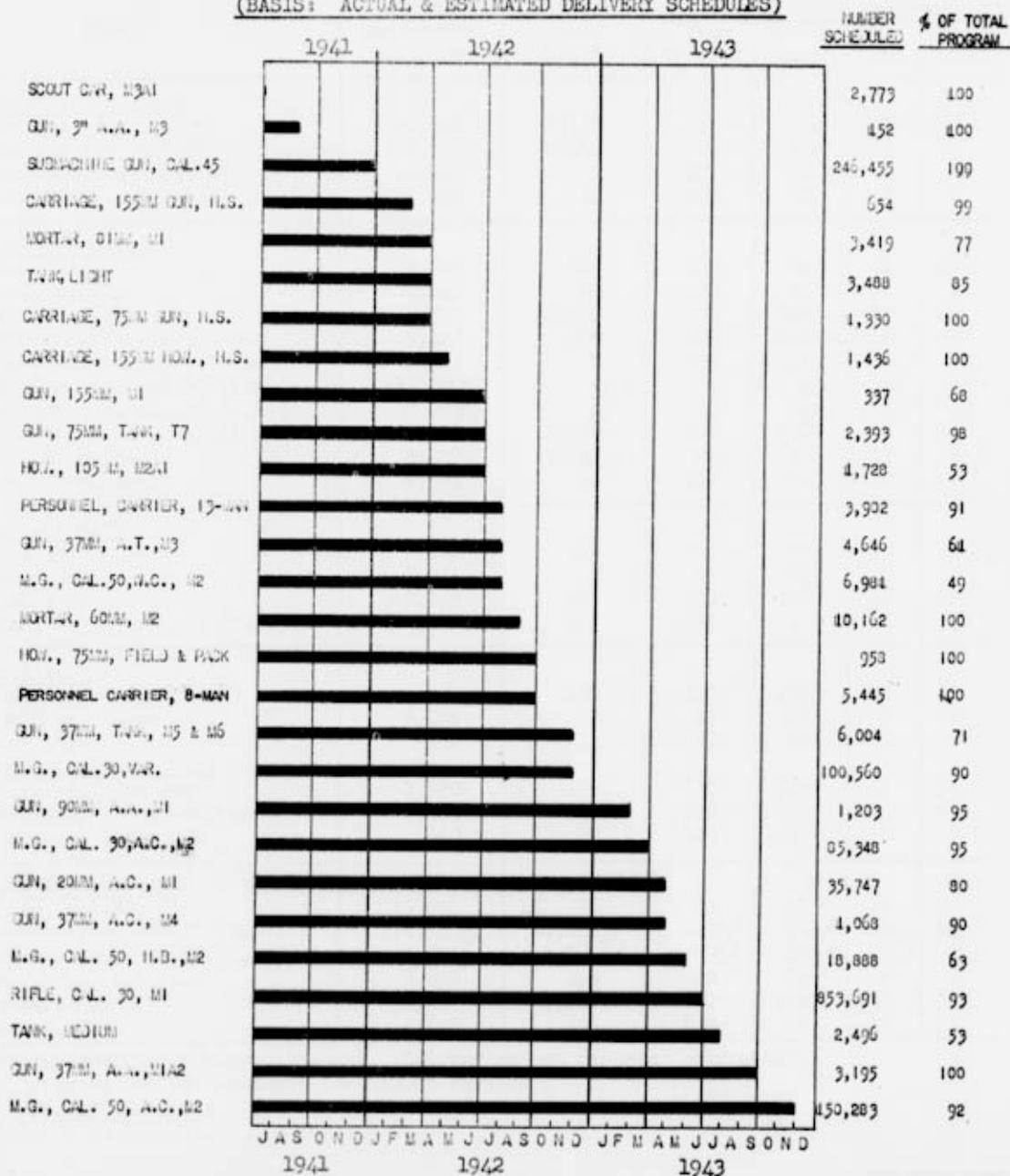
The following important orders are reported to have been placed in the first 15 days of June:

Number	Item	Number	Item
11,891	Machine Gun, Cal.30, A.C.	108,602,000	Cartridge, Cal.50
12,000	Machine Gun, Cal.50, A.C.	1,039	Mortar, 81mm, M1
6,574	Machine Gun, Cal.50, H.B.	2,141	Aiming Circle, M1
5,752	Machine Gun, Cal.30, M1919A4	4,552	Gunners, quadrant
9,958	Machine Gun, Cal.30, M1917A1	68	Ammunition cars, 8"
27,711	Mounts, Truck Pedestal	29	Fire Control cars
15,886	Rifle, Cal.30, M1	563	Light Tanks, M3
6,060	Rifle, auto., Cal.30, M1918A2	2,252	Medium Tanks, M3
5,390	Submachine Gun, Cal.45	2,814	Engines for medium tanks
844,462,000	Cartridge, Cal.30	3,400	Universal Carriers
100,000,000	Cartridge, Cal.45	491	Bomb Service Trucks

COMPARISON OF INDIVIDUAL COMPLETION DATES - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

(BASIS: ACTUAL & ESTIMATED DELIVERY SCHEDULES)



TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program	Delivered thru June 15	Percent of total program			
			con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,122	95	95*	7	7
Machine gun, cal.50	163,573	6,664	92	92*	5	4
Gun, 20mm, automatic	44,747	0	100	80	0	0
Gun, 37mm, automatic	1,188	18	100	90	2	2
<u>Combat Vehicles</u>						
Tank, light	4,090	839	100	85	21	21
Tank, medium	4,748	66	100	53	1	1
Scout car	2,733	2,633	100	100	95	96
Personnel carrier, 8-man	5,445	206	100	100	7	4
Personnel carrier, 13-man	4,302	2	100	91	6	-
Machine gun, cal.30 (Var.)	37,460 <sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>
Machine gun, cal.50 (H.B.)	8,025 <sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>
Submachine gun, cal.45	246,455	14,620	100	100*	10	6
Gun, 37mm, tank	8,427	1,248	72	71	13	15
Gun, 75mm, tank	2,564	26	100	98	0	1
<u>Antiaircraft</u>						
Gun, 3"	152	112	100	100	70	74
Gun, 90mm	1,271	1	95	95*	0	-
Gun, 37mm	3,195	396	100	100	12	12
Machine gun, cal.50 (W.C.)	14,168	405	33	49*	4	3
<u>Artillery</u>						
Howitzer, 75mm	958	102	100	100	10	11
Howitzer, 105mm	3,286	8	83	53	1	-
Gun, 155mm	492	11	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	476	100	100*	41	36
Carriage, 155mm howitzer	1,436	786	100	100	44	55
Carriage, 155mm gun	660	62	100	99	9	9
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	181,496	93	93*	19	20
Machine gun, cal.30 (Var.)	111,518 <sup>b/</sup>	28,447 <sup>b/</sup>	100 <sup>b/</sup>	90 <sup>b/A*</sup>	26 <sup>b/</sup>	26 <sup>b/</sup>
Machine gun, cal.50 (H.B.)	29,879 <sup>b/</sup>	1,186 <sup>b/</sup>	63 <sup>b/</sup>	63 <sup>b/A*</sup>	4 <sup>b/</sup>	4 <sup>b/</sup>
Gun, 37mm, antitank	7,653	443	80	61	9	6
Mortar, 60mm	10,162	3,100	100	100	29	31
Mortar, 81mm	4,458	655	100	77	17	15

<sup>a/</sup> Included in Infantry Armament. Deliveries not reported separately.

<sup>b/</sup> Figures include Armament for Combat Vehicles.

\* Partly tentative.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JUNE 23, 1941

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

Item	Requirements 2,800,000 men Number	Stocks in hands of Field Service Number	Percent of requirements				
			%	0	20	40	60
<u>Aircraft Armament</u>							
Machine gun, cal.30,fix.&fl.	49,638	8,472	17	[Bar at 17%]			
Machine gun, cal.50,fix.&fl.	114,997	4,031	4	[Bar at 4%]			
Gun, 20mm, automatic A.C.	2,775	0	0	[Bar at 0%]			
Gun, 37mm, automatic A.C.	3,976	53	1	[Bar at 1%]			
<u>Combat Vehicles</u>							
Tank, light	4,412	527	12	[Bar at 12%]			
Tank, medium	2,666	76	3	[Bar at 3%]			
Scout car	3,944	2,693	68	[Bar at 68%]			
Personnel carrier, 8-man	7,105	80	1	[Bar at 1%]			
Personnel carrier, 13-man	6,017	0	0	[Bar at 0%]			
Machine gun, cal.30 (Var.)	62,164 <sup>a/</sup>	a/	-	[Bar at -%]			
Machine gun, cal.50 (H.B.)	11,704	328	3	[Bar at 3%]			
Submachine gun, cal.45	39,000	8,096	21	[Bar at 21%]			
Gun, 37mm, tank	7,271	851	12	[Bar at 12%]			
Gun, 75mm, tank	2,764	0	0	[Bar at 0%]			
<u>Antiaircraft</u>							
Gun, 3"	} 1,766	484	} 27	[Bar at 27%]			
Gun, 90mm		0					
Gun, 37mm, A.A.	3,869	350	9	[Bar at 9%]			
Machine gun, cal.50 (W.C.)	11,989	833	7	[Bar at 7%]			
<u>Artillery</u>							
Gun, 75mm (H.S.)	1,471	602	41	[Bar at 41%]			
Howitzer, 75mm, field & pack	258	198	77	[Bar at 77%]			
Howitzer, 105mm	3,200	51	2	[Bar at 2%]			
Gun, 155mm	751	4	1	[Bar at 1%]			
Gun, 155mm (H.S.)	903	144	16	[Bar at 16%]			
Howitzer, 155mm (H.S.)	1,783	1,070	60	[Bar at 60%]			
<u>Unmodified &amp; other models</u>							
Gun, 75mm	-	2,846	-	[Bar at -%]			
Gun, 155mm	-	825	-	[Bar at -%]			
Howitzer, 155mm	-	939	-	[Bar at -%]			
<u>Infantry Armament</u>							
Rifle, cal.30, M1, semiauto.	1,260,314	188,373	15	[Bar at 15%]			
Machine gun, cal.30 (Var.)	96,609	25,593	26	[Bar at 26%]			
Machine gun, cal.50 (H.B.)	17,555	1,601	9	[Bar at 9%]			
Gun, 37mm, antitank	8,092	677	8	[Bar at 8%]			
Mortar, 60mm	7,567	2,559	34	[Bar at 34%]			
Mortar, 81mm	4,310	731	17	[Bar at 17%]			

<sup>a/</sup> Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AIRCRAFT PROCUREMENT - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

Item	Total procurement program (THOUSANDS)	Delivered thru June 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	0	2
Bomb, demo., 100#, 300#, 500#	1,315	54	47	47	4	4
Bomb, demo., 1000#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	376	3	16	16	1	1
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	20	62	62	-	1
Flares	874	139	30	30	18	16
Signals	2,057	517	33	33	24	25
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	22	34	34	-	-
Shell, 3", H.E.	2,267	69	57	57	3	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	3,956	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	216	59	59	5	5
Shell, H.E., 105mm how.	11,793	59	8	8	-	-
Shell, H.E., 155mm gun, M1	1,001	0	16	16	0	0
Charge, prop., 155mm gun	446	82	80	51	18	18
Shell, H.E., 155mm how.	4,299	5	36	36	-	-
Shell, g & s, 155mm how.	1,224	249	66	66	14	20
Charge, prop., 155mm how.	5,753	636	69	69	12	11
Primer, 21 gr.	8,153	299	82	82	4	4
Fuzes (All)	14,005	3,714	62	62	26	27
<u>Infantry</u>						
Cartridge, cal.30	3,789,704	383,457**	100	100*	9	10**
Links, met. belt, cal.30	1,003,322	80,288	76	76*	9	9
Cartridge, cal.45	606,476	104,920	100	100*	15	17
Cartridge, cal.50	905,459	45,800**	94	94*	5	5**
Links, met. belt, cal.50	2,452,452	37,927	89	89*	2	2
Shot & shell, 37mm	28,688	168	13	13	1	1
Shell, H.E., 60mm	8,882	18	31	31	0	-
Shell, H.E., 81mm	3,764	96	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	279	53	53	10	9
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative.

\*\* Delivered thru June 23, 1941

ACTIVITIES - PROGRESS AS OF JUNE 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp.														
Saginaw	-							66						
Flint	-							85						
Dayton	-							68						
Syracuse	-							70						
Savage Arms Company	-							44						
Colt (Machine Gun)	-							63						
Detroit Tank Arsenal	100							85						
Disston & Sons	100							75						
Mesta Machine Co.	-							90						
Colt (37mm Gun)	-							61						
Bendix Aviation Corp.	90							95						

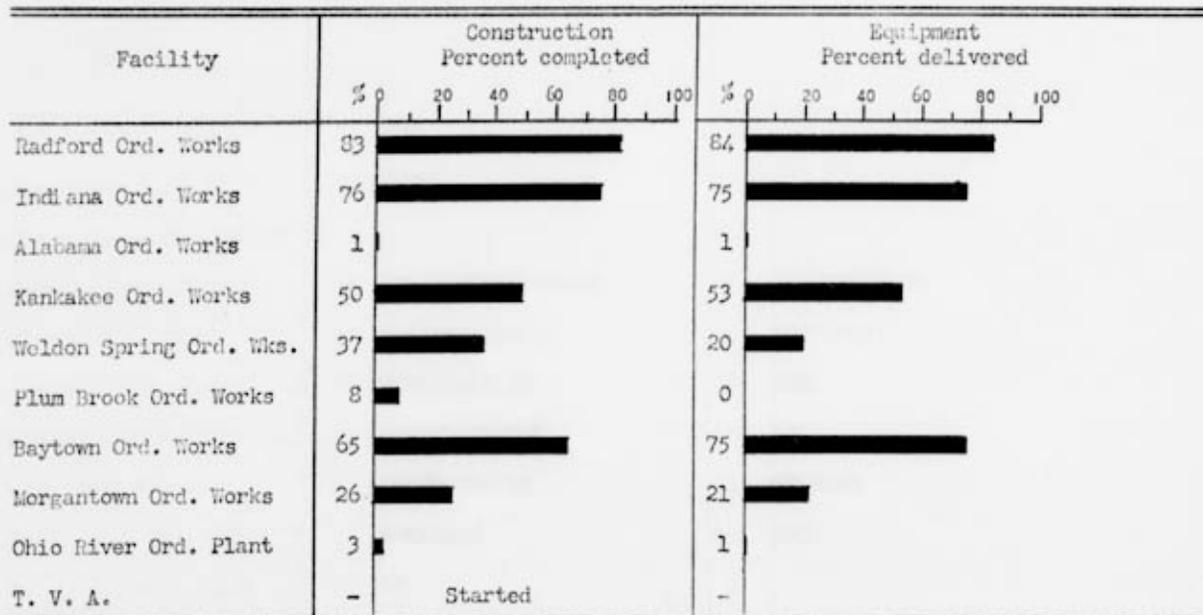
Facility	Location	Planned Capacity (Monthly)	Estimated Cost May 31, 1941		Estimated Month		
			Total	% Obligated	Initial Operation	Completion of Plant	
			(THOUSANDS)				
<u>Machine Gun</u>							
General Motors Corp.	Saginaw, Mich.	1,680	\$20,251	82	4-41	*	
	Flint, Mich.	2,100			4-41	12-41	*
	Dayton, Ohio	2,100			6-41		*
	Syracuse, N. Y.	840			8-41		*
	Utica, N. Y.	3,200			7-41	12-41	*φ
Savage Arms Co.	Hartford, Conn.	3,800	4,818	69	-	1-42 *	
<u>Tank</u>							
Detroit Tank Arsenal	Detroit, Mich.	100	18,131	87	7-41	10-41 φ	
<u>Armor Plate Plant</u>							
Disston & Sons	Philadelphia, Pa.	483 Tons	1,192	99	4-41	4-41	
<u>155mm Gun</u>							
Mesta Machine Co.	W. Homestead, Pa.	44	1,780	101	5-41	1-42 *φ	
<u>37mm Gun</u>							
Colt Patent F.A. Co.	Hartford, Conn.	200	3,940	86	-	3-42 *	
<u>20mm Gun</u>							
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	-	4-41	7-41 φ	

\* Plant equipment only.

φ Full Operation.

NEW FACILITIES - PROGRESS AS OF JUNE 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

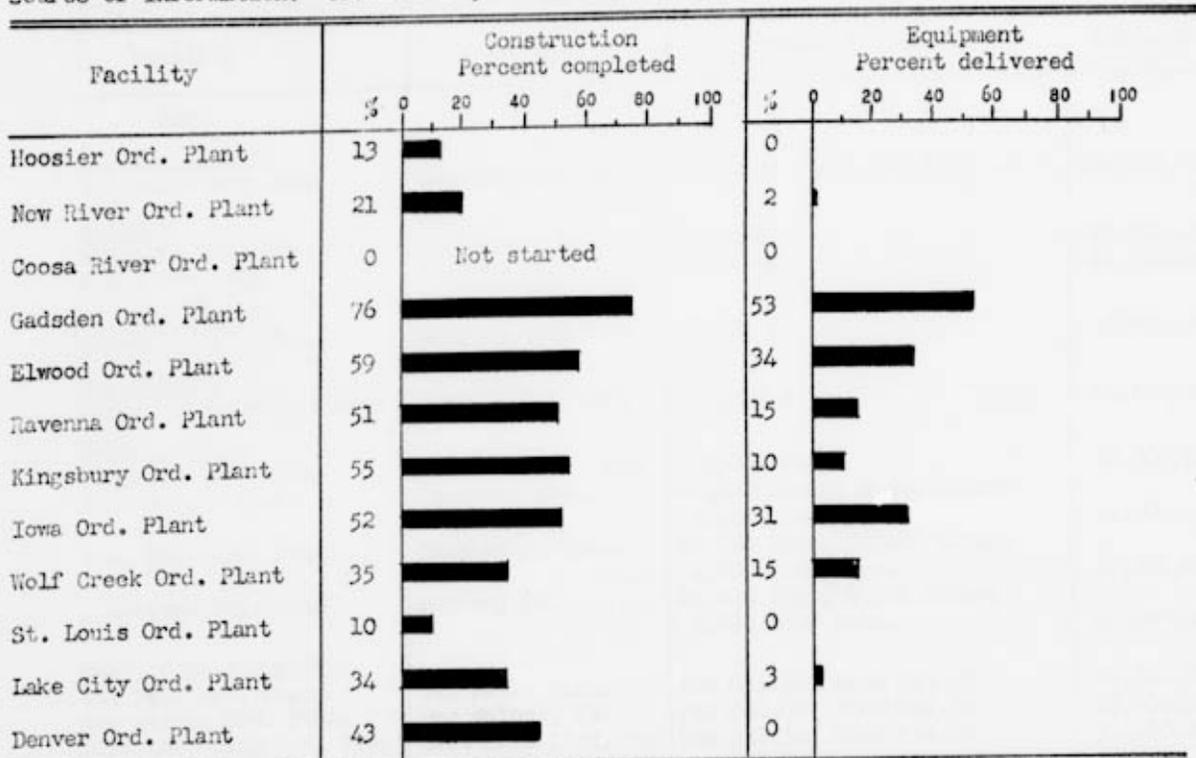


Facility	Location	Planned Capacity Monthly (Thous.-Tons)	Estimated Cost May 31, 1941		Estimated Month	
			Total (Thous.)	% Obligated	Initial Operation	Completion of Plant
<u>Smokeless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$52,500	84	3-41	9-41
Indiana Ord. Works	Charlestown, Ind.	7.8	91,200	90	4-41	12-41
Alabama Ord. Works	Sylacauga, Ala.	3.8	49,453	5	5-42	4-42
<u>T.N.T. &amp; D.N.T.</u>						
Kankakee Ord. Works	Wilmington, Ill.	7.7	47,328	57	5-41	12-41
Weldon Spring Ord. Wks	Weldon Spring, Mo.	3.3	39,311	16	10-41	9-41
Plum Brook Ord. Works	Sandusky, Ohio	3.1	33,104	6	11-41	2-42
<u>Toluol</u>						
Baytown Ord. Works	Baytown, Texas	2,446*	12,417	63	7-41	9-41
<u>Ammonia</u>						
Morgantown Ord. Works	Morgantown, W. Va.	8.1	21,205	74	11-41	5-42
Ohio River Ord. Plant	W. Henderson, Ky.	4.5	14,721	8	-	8-42
T. V. A.	Muscle Shoals, Ala.	4.5	---	-	11-41	3-42 <sup>φ</sup>
<u>Ammonium Nitrate</u>						
T. V. A.	Muscle Shoals, Ala.	9.0	6,500	-	7-41	3-42 <sup>φ</sup>

\* Gallons  
<sup>φ</sup> Full Operation

NEW FACILITIES - PROGRESS AS OF JUNE 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (THOUSANDS)	Estimated Cost May 31, 1941		Estimated Month	
			Total (THOUSANDS)	% Obligated	Initial Operation	Completion of Plant
<u>Bag Loading</u>						
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$20,382	19	-	9-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,850	36	-	9-41
Coosa River Ord. Plant	Sylacauga, Ala.	2.7 Tons	11,736	-	-	11-41
<u>Shell Mach. &amp; Forging</u>						
Gadsden Ord. Plant	Gadsden, Ala.	210	6,231	65	9-41	12-41
<u>Shell Loading</u>						
Elwood Ord. Plant	Wilmington, Ill.	3 Lines	34,591	56	7-41	9-41
Ravenna Ord. Plant	Ravenna, Ohio	3 Lines	34,053	66	7-41	9-41
Kingsbury Ord. Plant	LaPorte, Ind.	5 Lines	27,078	45	7-41	11-41
Iowa Ord. Plant	Burlington, Ia.	3 Lines	29,355	44	9-41	9-41
Wolf Creek Ord. Plant	Milan, Tenn.	4 Lines	25,459	39	8-41	12-41
<u>Small Arms Ammunition</u>						
St. Louis Ord. Plant	St. Louis, Mo.	80,000 Rds.	39,337	40	8-41	9-41 <sup>6</sup>
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	29,942	61	7-41	9-41 <sup>6</sup>
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	31,877	48	9-41	9-41 <sup>6</sup>

<sup>6</sup> Full Operation.

Ordnance

NEW FACILITIES - PROGRESS AS OF JUNE 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Location	Capacity per day	Estimated Cost
<u>New</u>			
<u>T.N.T. &amp; D.N.T.</u> Volunteer Ord. Wks.	Chattanooga, Tenn.	400,000# T.N.T.; 40,000# D.N.T.	\$39,000,000
<u>Ammonia</u> Missouri Ord. Wks.	Louisiana, Mo.	150 Tons	15,750,000
Dixie Ord. Wks.	Monroe, La.	150 Tons	16,750,000
<u>Ammonia Picrate</u> Maumelle Ord. Wks.	Marche, Ark.	75,000 #	8,000,000
<u>Bag Loading</u> Wabash River Ord. Plant	Terre Haute, Ind.	120,000 #	14,500,000
<u>Shell Loading</u> Arkansas Ord. Plant	Jacksonville, Ark.	195,000 Fuzes	33,500,000
Kansas Ord. Plant	Parsons, Kans.	24,000 105mm; 8,400 155mm; 2,800 100# Bombs	35,000,000
Lone Star Ord. Plant	Texarkana, Texas	96,000 20mm; 32,400 105mm; 2,880 100# Bombs	45,500,000
Louisiana Ord. Plant	Minden, La.	96,000 20mm; 8,400 105mm; 2,880 100# Bombs	29,000,000
<u>Small Arms Ammunition</u> St. Paul Ord. Plant	St. Paul, Minn.	2MM Cal.30; 600M Cal.50	30,000,000
Des Moines Ord. Plant	Des Moines, Ia.	2MM Cal.30; 600M Cal.50	30,000,000
Salt Lake City Ord. Plant	Salt Lake City, Utah	2MM Cal.30; 600M Cal.50	30,000,000
<u>Additions</u>			
<u>T.N.T., D.N.T. &amp; Teteryl</u> Alabama Ord. Wks.	Sylacauga, Ala.	157,000# T.N.T., D.N.T., & Teteryl	14,805,000
Plum Brook Ord. Wks.	Sandusky, Ohio	-----	20,297,000
Kankakee Ord. Wks.	Wilmington, Ill.	1100# Lead & Sodium Azide	8,500,000
Weldon Springs Ord. Wks.	Weldon Springs, Mo.	-----	25,410,000
<u>Ammonia</u> Morgantown Ord. Wks.	Morgantown, W. Va.	162 Tons	24,095,920
<u>Shell Loading</u> Elwood Ord. Plant	Wilmington, Ill.	-----	15,515,000
Iowa Ord. Plant	Burlington, Ia.	2,500 100# Bombs; 500,000 Per- cussion Elements	19,580,000
Kingsbury Ord. Plant	La Porte, Ind.	48,000 20mm Shells or Equiv.	18,487,000
Ravenna Ord. Plant	Ravenna, Ohio	-----	9,730,000
Wolf Creek Ord. Plant	Milan, Tenn.	-----	10,760,000
<u>Small Arms Ammunition</u> St. Louis Ord. Plant	St. Louis, Mo.	3MM Cal.30; 1800M Cal.50	70,850,000

## TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

### GENERAL

There were three important recent awards. The first covered 7 of the C-57 model to be manufactured by Lockheed. The second covered 92 of the C-53 series to be made by Douglas. An award was likewise made for 246 Lycoming engines, 182 to be installed in observation units of the O-49 series and 64 to be assigned as spares. Schedules for these three contracts will be incorporated in our regular current procurement studies with the next issue of this report.

### AIRPLANE DELIVERIES

The downward trend in deliveries which occurred during May has continued during the first three quarters of June. During the first three quarters of May 436 units were accepted and 20 less than this number were delivered during the first three quarters of June.

The bomber picture improved during the third quarter of this month, however, with 4 heavy bombers, 12 medium bombers, and 8 light bombers being accepted to make a total of 24 units. The 4 heavy bombers were from Consolidated.

Boeing has still made no June delivery of heavy bombers. While this company is receiving its tonnage requirements of aluminum, an excess of some items is being received, whereas a shortage is prevalent on other needed items.

Only 7 pursuits were accepted during the third quarter of June. This makes 11 so far this month in contrast to 28 during the first three quarters of May, 143 during the first three quarters of April and 82 during the first three quarters of March. This sharp decline in pursuit acceptances is due to the fact that Curtiss, which has been the heavy producer of pursuits during this fiscal year, is not currently scheduled to make large deliveries. With Curtiss out of the pursuit production picture, it becomes more evident that Republic and especially Bell and Lockheed, have thus far not made substantial deliveries of pursuits to the Army.

Lockheed has not only been badly behind contract schedule, but it has also erred generally on its month-to-month Army estimates. With only 3 June pursuit deliveries to date, it does not appear likely that Lockheed will meet its June estimate of 23 deliveries.

Bell, as of June 1, was 170 units behind on P-39's on the basis of its original contractual promises, and its month-to-month manufacturers' estimates have likewise been far in excess of its actual deliveries. Bell estimated 17 P-39's for June, but during the first three quarters, has made no deliveries.

Republic has completed its first fiscal year '41 contract for 60 P-35A's, largely Swedish requisitions, but is badly behind contract schedule on its P-43's, P-43A's and P-47B's. It made a June estimate of 19 units, but has delivered only 8 during the first three quarters of the month.

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

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 6/23/41	Pending (less awards)		12,000 program modified (b)
					F.Y. 1941 "B" program modified	10,375 Fifth supp. modified	
<u>Airplanes</u>							
Heavy bomber	2,246	2,246	100	85	-	-	2,656
Medium bomber	4,616	2,216	48	168	-	2,400	1,200
Light bomber	1,882	1,382	73	143	500	-	-
Pursuit, fighter	709	709	100	25	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	675	-	-	4,850
Observation	533	533	100	59	-	-	-
Transport	1,118	958	86	30	52	108	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
<b>Total Tactical</b>	<b>15,589</b>	<b>12,529</b>	<b>80</b>	<b>1,199</b>	<b>552</b>	<b>2,508</b>	<b>10,096</b>
<u>Trainer</u>							
Primary trainer	5,490	5,490	100	1,651	-	-	450
Basic trainer	5,051	5,051	100	1,008	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	70	589	-	1,000	360
Adv. trainer, 2-eng.	2,632	2,632	100	69	-	-	1,050
<b>Total Trainer</b>	<b>16,470</b>	<b>15,470</b>	<b>94</b>	<b>3,317</b>	<b>-</b>	<b>1,000</b>	<b>2,760</b>
<b>Grand Total</b>	<b>32,059</b>	<b>27,999</b>	<b>87</b>	<b>4,516</b>	<b>552</b>	<b>3,508</b>	<b>12,856</b>
<u>Engines</u>							
Heavy bomber	8,988	4,188	47	1,220	-	4,800	10,624
Medium bomber	9,232	4,432	48	791	-	4,800	3,200
Light bomber	3,576	2,576	72	647	1,000	-	-
Pursuit, fighter	1,420	1,394	98	86	26	-	2,300
Pursuit, interceptor	4,394	4,394	100	897	-	-	4,850
Observation	533	391	73	376	142	-	-
Transport	2,358	1,592	68	102	208	558	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
<b>Total Tactical</b>	<b>30,683</b>	<b>19,149</b>	<b>62</b>	<b>4,153</b>	<b>1,376</b>	<b>10,158</b>	<b>21,454</b>
<u>Trainer</u>							
Primary trainer	5,490	5,490	100	2,201	-	-	450
Basic trainer	5,051	3,051	60	1,245	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	70	1,120	-	1,000	360
Adv. trainer, 2-eng.	5,264	2,164	41	724	-	3,100	2,100
<b>Total Trainer</b>	<b>19,102</b>	<b>13,002</b>	<b>68</b>	<b>5,290</b>	<b>-</b>	<b>6,100</b>	<b>3,810</b>
<b>Grand Total</b>	<b>49,785</b>	<b>32,151</b>	<b>65</b>	<b>9,443</b>	<b>1,376</b>	<b>16,258</b>	<b>25,264</b>

- (a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941 programs for project airplanes and installation engines.  
 (b) Not yet financed - not included in current program column.

TEXT SUMMARY - AIRCRAFT PLANT SHIFTS - MAY 1941

Source of Information: Bureau of Labor Statistics, Labor Department

In order to determine to what extent the various shifts in aircraft plants were manned, the number of productive workers attached to the several shifts was tabulated for a selected week in May 1941. A marked variation appeared when the over-all picture of both branches of the industry was compared.

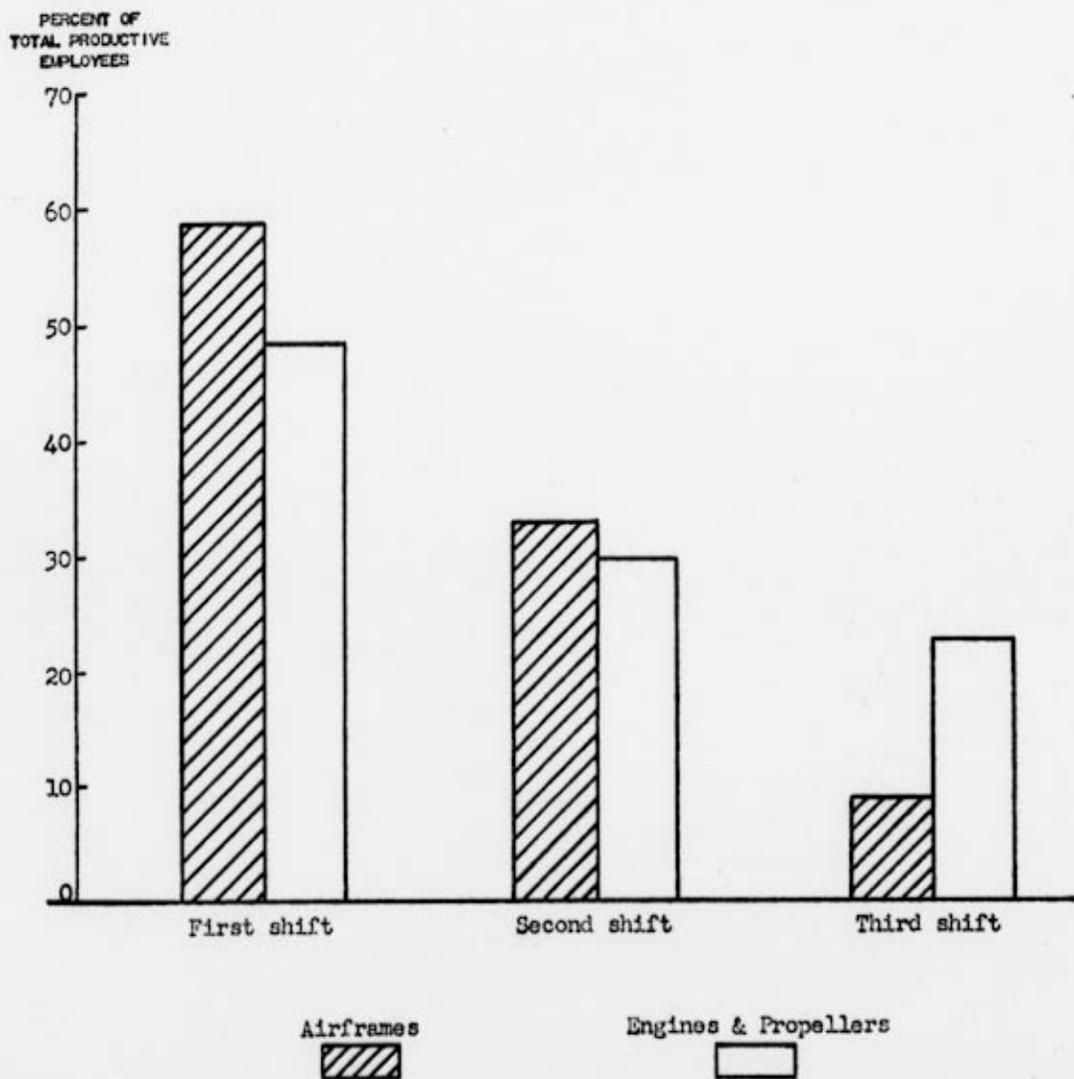
In airframe manufacture, slightly less than twice as many men were on the first shift as were on the second, the ratios being 59 percent for the former and 33 percent for the latter. Only 9 percent were on the third shift. The engine and propeller branch revealed a tendency toward more equal distribution between shifts as evidenced by 48 percent assigned to the first shift, 30 percent to the second, and 22 percent to the third. A tabulation of this data follows.

Shifts in Operation	Number of Plants	PRODUCTIVE EMPLOYEES							
		Total		1st Shift		2nd Shift		3rd Shift	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
<u>Airframes</u>									
1-Shift	3 (a)	272	100.0	272	100.0	-	-	-	-
2-Shift	15	35,755	100.0	24,116	67.4	11,639	32.6	-	-
3-Shift	21	93,277	100.0	51,303	55.1	30,555	32.8	11,339	12.1
Total	39	129,304	100.0	75,771	58.6	42,194	32.6	11,339	8.8
<u>Engines and Propellers</u>									
1-Shift	-	-	-	-	-	-	-	-	-
2-Shift	10	2,468	100.0	1,741	70.5	727	29.5	-	-
3-Shift	15	34,705	100.0	16,161	46.6	10,260	29.5	8,284	23.9
Total	25	37,173	100.0	17,902	48.2	10,987	29.5	8,284	22.3

(a) No military contracts.

PRODUCTIVE AIRCRAFT EMPLOYEES ACCORDING TO SHIFT WORKED - MAY 1941

Source of Information: Bureau of Labor Statistics, Labor Department



NEW PRODUCTIVE WORKERS BY STATE - MILITARY AIRPLANE PLANTS - JUNE 1, 1941

Source of Information: Consolidated Statistical Report - Air Corps

State	No. of plants expanding	Increase in productive workers since July 1, 1940
California	10	33,828
New York	5	13,781
Maryland	2	6,657
Kansas	4	4,743
Missouri	1	1,790
Texas	1	1,259
Connecticut	1	1,218
Ohio	2	839
Pennsylvania	1	812
Washington	1	678
Tennessee	1	518
Michigan	1	390
Oklahoma	1	93
Delaware	1	13
		TOTAL INCREASE 66,619

NEW PRODUCTIVE WORKERS BY STATE - MILITARY AIRPLANE ENGINE PLANTS - JUNE 1, 1941

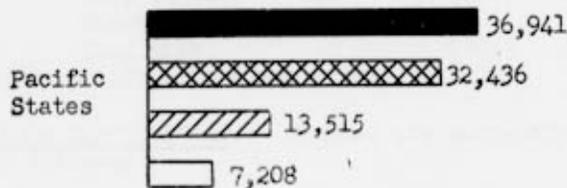
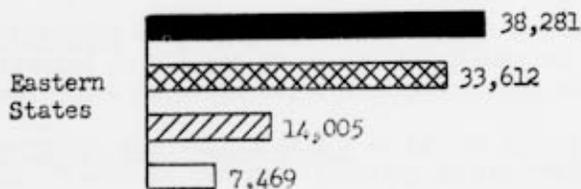
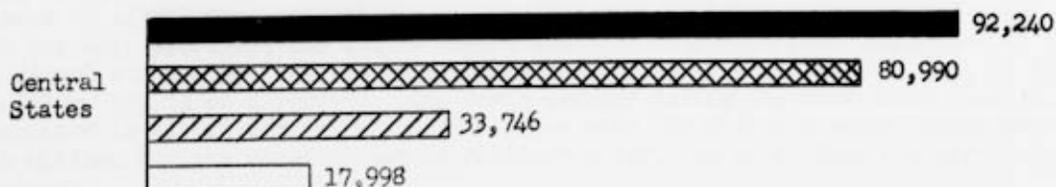
Source of Information: Consolidated Statistical Report - Air Corps

State	No. of plants expanding	Increase in productive workers since July 1, 1940
Connecticut	1	4,885
Indiana	1	4,660
New Jersey	1	3,450
Michigan	4	2,056
Pennsylvania	2	1,055
Ohio	1	784
New York	1	205
California	2	136
		TOTAL INCREASE 17,231

ADDITIONAL DEFENSE AIRCRAFT LABOR REQUIREMENTS BY APRIL 1942

Source of Information: Bureau of Labor Statistics, Labor Department

Semi-skilled       Skilled       Unskilled       Professional 



Mountain States      None required

Total United States	
Semi-skilled	167,462
Skilled	147,038
Unskilled	61,266
Professional	32,675
<b>Total</b>	<b>408,441</b>

Note:

Generally skilled and semi-skilled are productive employees whereas professional and unskilled come in the non-productive classification. Figures prepared May 20, 1941, and are subject to revision.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - June 26, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of June 8, 1941, contract awards have been made on 132 of 134 critical and essential quartermaster items. Of the total programs of the 132 items an average of eighty-nine percent has been contracted and an average of sixty-nine percent has been procured; the latter figure includes transfers from CCC stocks. From a fiscal standpoint, 90% has been contracted and 5% transferred from CCC; of the 5% remaining, 4½% is on directive. Contracts awarded during the week ended June 14, 1941 amounted to 21 million, of which 1½ million were for rail and water transportation, 6 million for new construction of military posts, and 11 million for clothing and equipage.

CONTRACTS -- Including transfers from CCC stocks, the programs of eighty-two of the one hundred and thirty-four items have been completely contracted.

DELIVERIES -- During the quarter-monthly period ended June 8, 1941, deliveries were effected on all but 39 of the 134 items; of these 20 items have been completely procured; 3 are on schedule, 2 have no current schedule, and 14 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 77 are on or ahead of schedule; 7 have no current schedule; 50 are behind schedule. Items currently more than 20% delinquent and also behind May 31 schedules are:

Chest, supply, pack	(84%)	Helmet, fibre, c/cov.	(25%)
Bag, cante	(67%)	Belt, web, waist	(24%)
Scabbard, subMG, cal. 45	(42%)	Breeches, wool	(23%)
Can, milk	(39%)	Belt, cart., dismtd.	(21%)
Cloth, cotton, w & w res.	(27%)		

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

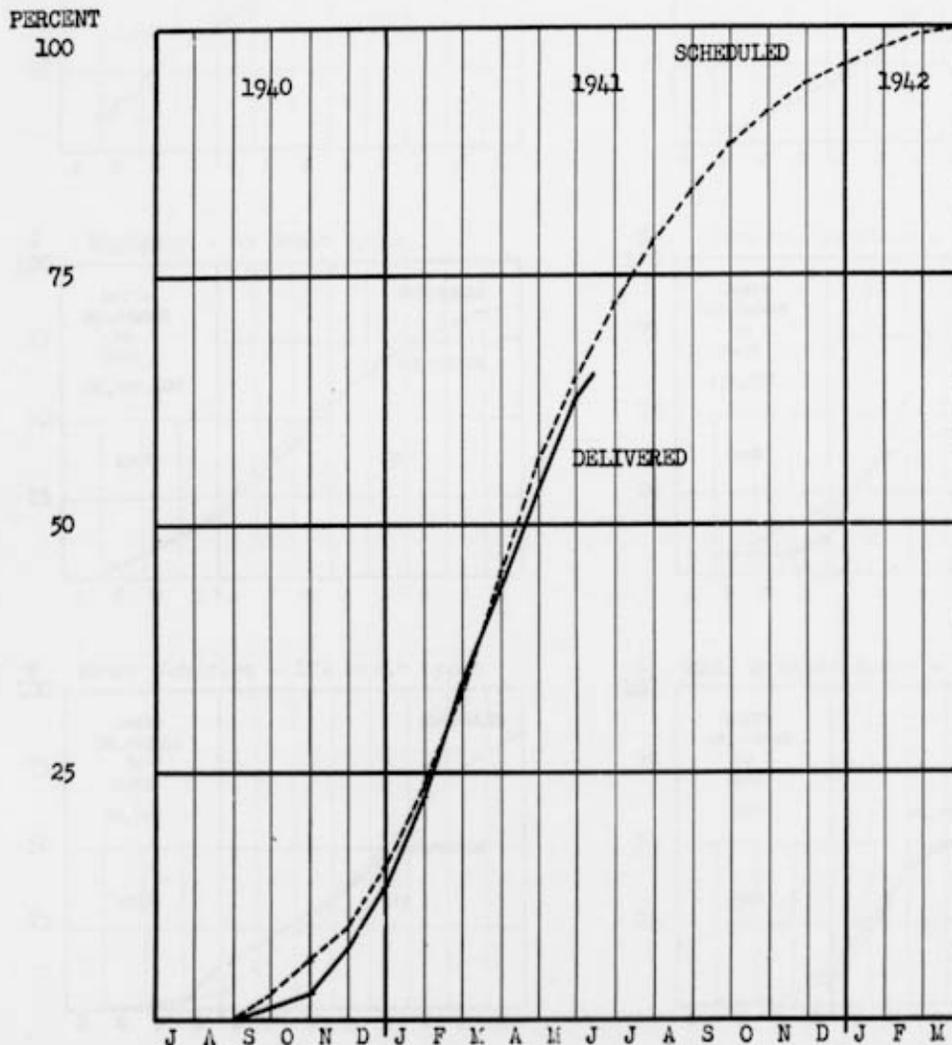
<u>Item affected</u>	<u>Man days lost*</u>	<u>Contractor Name &amp; Address</u>
Undershirts & drawers	60,800	Standard Knitting Mills, Knoxville, Tenn.
Q.M. Laundry parts	44,400	Wilson Jones Co., Chicago, Illinois
Castings for motor vehicles	7,000	Sivyer Steel Castings Co., Chicago, Ill.
Undershirts & drawers	6,300	Fuld & Hatch Knitting Co., Cohoes, N.Y.
Shirts, cotton	2,100	Southeastern Shirt Co., Lafollette, Tenn.
Iron frames Q.M. construction	980	New Jersey Galvanizing Co., Newark, N.J.
Steel for sub-contractors	900	Ryerson, (Joseph P.), Detroit, Michigan
Cloth, serge	720	Premier Worsted Co., Bridgeton, R.I.
Pillow, feather	315	Puro Feather & Down Co., Brooklyn, N.Y.

\*Based on six working days per week

QUARTERMASTER CORPS - STATUS OF Q.M. PROCUREMENT - FISCAL INDEX - JUNE 15, 1941

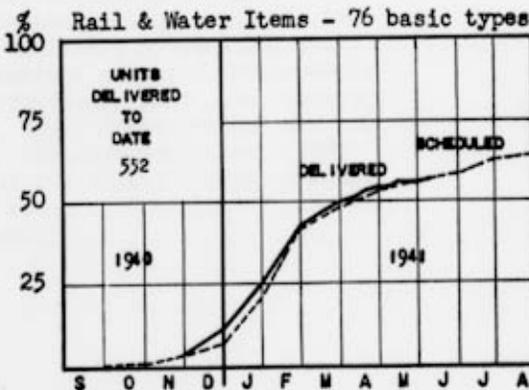
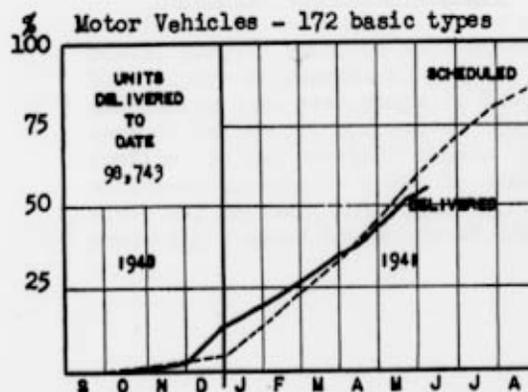
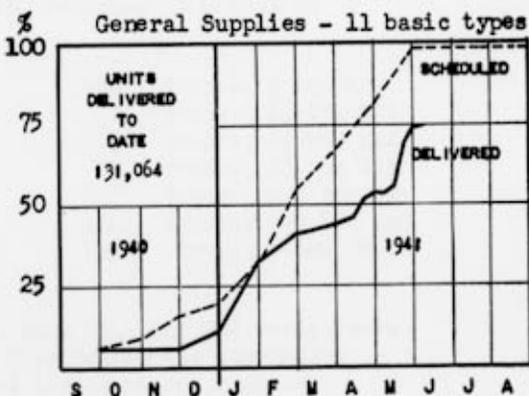
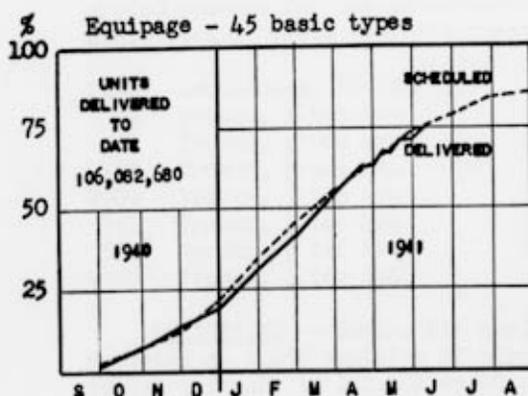
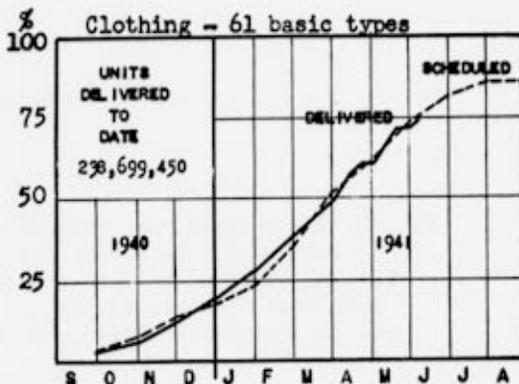
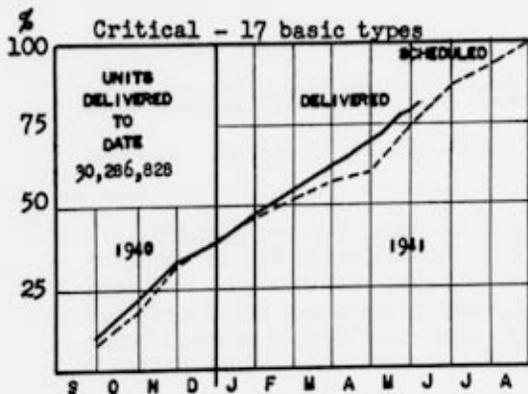
Source of Information: OQMG - Statistics Branch, OUSW

This fiscal index of Quartermaster procurement is based on procurement of twenty-five representative items. It has been adjusted to cover estimated procurement of revised programs, and amounts not currently contracted nor scheduled.



**STATUS OF Q.M. PROCUREMENT** - 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, OQMG - June 8, 1941



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - June 15, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of June 15, 1941 contracts have been awarded for 208,593 vehicles of all types, obligating funds to the extent of 290 million dollars. The combined programs are currently estimated to total 242,087 vehicles being procured by the Q.M.C. for the Supply Arms and Services, funds for which have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 13,462 vehicles at a cost of \$18,396,943. These vehicles consist of:

1500	Ambulances, Field	1400	Trucks, $\frac{1}{2}$ ton 4x4
22	Trucks, $\frac{1}{4}$ ton 4x4	1	Truck, $1\frac{1}{2}$ ton 4x2
50	Trucks, $\frac{1}{4}$ ton 4x4	79	Trucks, $1\frac{1}{2}$ ton 4x2
1350	Trucks, $\frac{3}{4}$ ton 4x4	2	Trucks, $2\frac{1}{2}$ ton 6x6
2000	Trucks, $\frac{3}{4}$ ton 4x4	897	Trucks, 4-5 ton 4x4
350	Trucks, $\frac{3}{4}$ ton 4x4	160	Trucks, 5-6 ton 4x4
500	Trucks, $\frac{3}{4}$ ton 4x4	251	Trucks, 6-ton 6x6
4900	Trucks, $\frac{3}{4}$ ton 4x4		

DELIVERIES -- During the period ended June 15, 1941 deliveries were reported on 3,858 vehicles of all types. This brings the cumulative delivery figure to 102,601 or 42 percent of the combined programs.

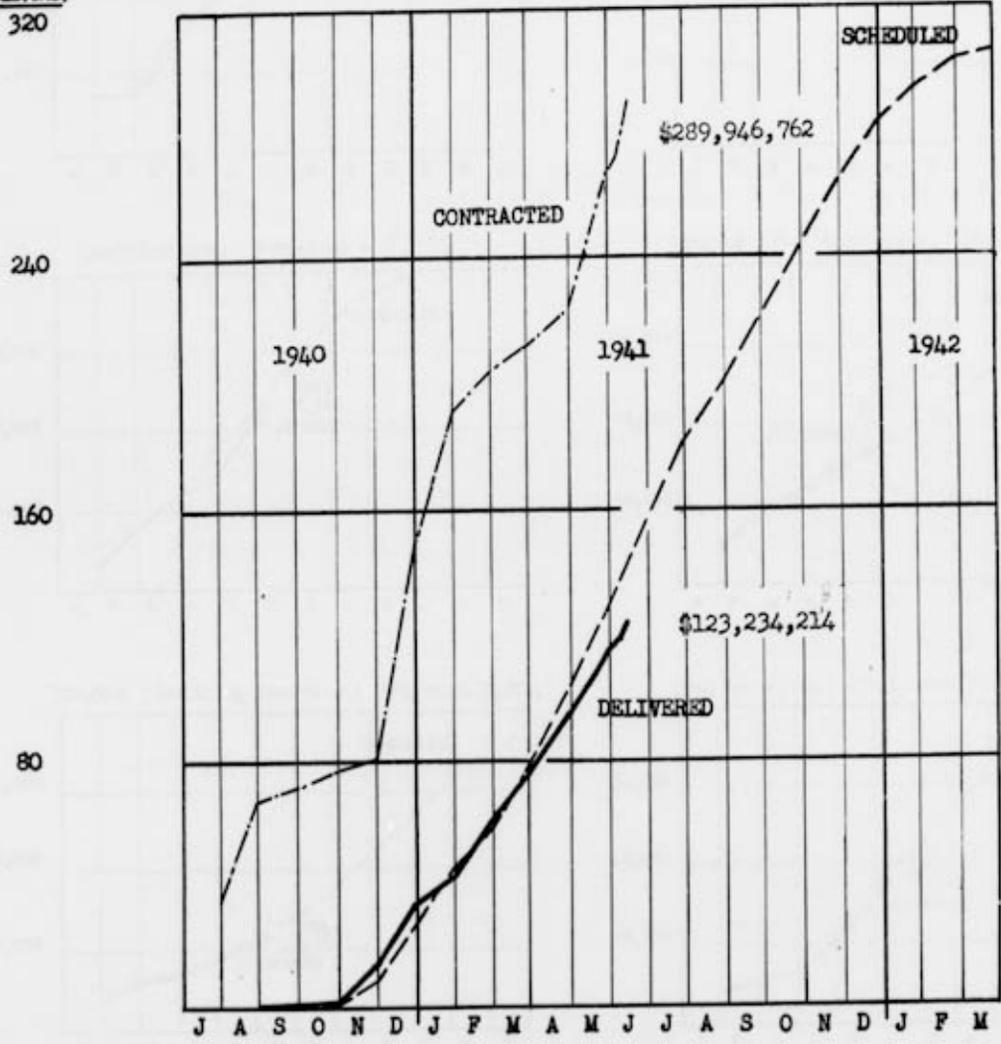
SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 102,727 vehicles were scheduled for delivery by June 15, 1941. This figure represents 42 percent of the current proposed procurement, and is the same percentage as that for deliveries. There are, however, certain delinquent contracts. In general, these delinquencies are not confined to any specific types. Based on estimated schedules, 4,987 vehicles distributed among 14 manufacturers are behind schedule; 4,861 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 126 vehicles.

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

Source of Information: OQMG - Statistics Branch, OUSW

This diagram is based on average unit costs of nine general types of motor vehicles. Schedules from July 1941 to March 1942 have been adjusted to cover estimated procurement of vehicles not under current contract; quantities, types and corresponding values, therefore, are subject to modification. All schedules used as a basis for computation are manufacturers' estimates and are not contractual obligations.

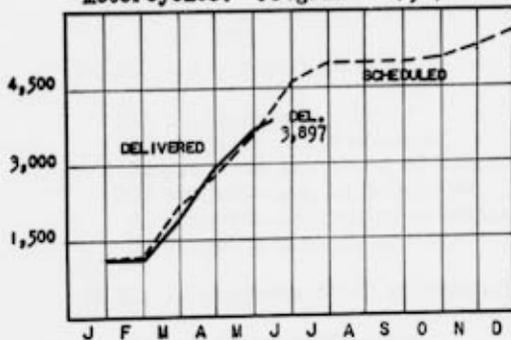
(MILLIONS)



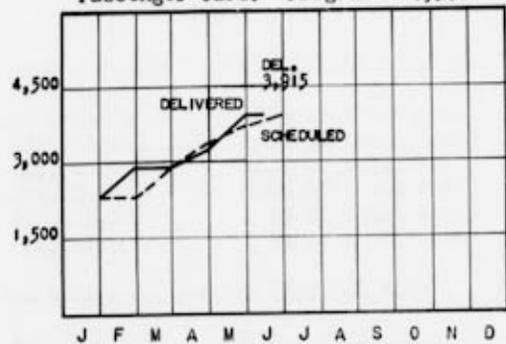
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - June 15, 1941

Source of Information: Statistics Branch, OQM

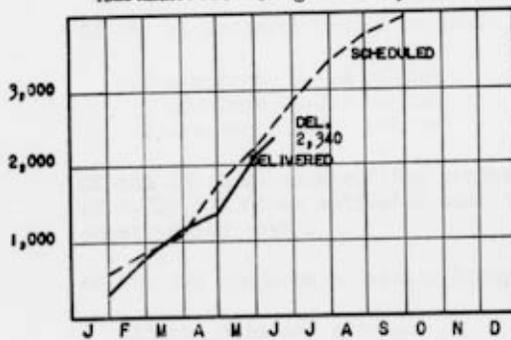
Motorcycles. Program - 27,892



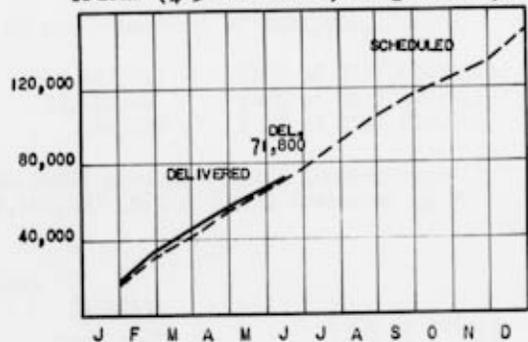
Passenger Cars. Program - 4,578



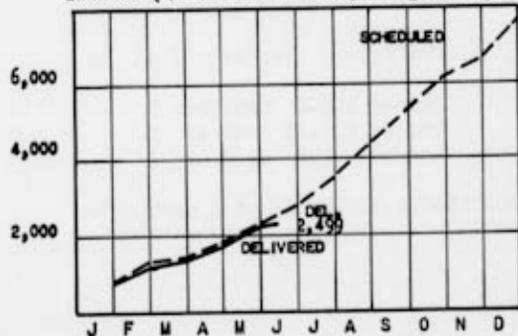
Ambulances. Program - 5,613



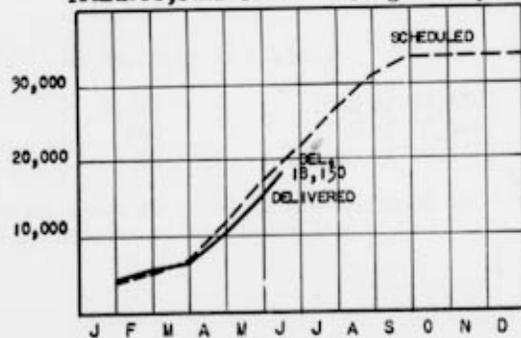
Trucks (1/2-3 ton incl.) Program-160,011



Trucks (4-ton & heavier) Program-7,804



Trailers, Semi-Trailers. Program-36,189



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - June 7, 1941

Source: Statistics Branch, OQMG - OUSW

Of 350 Q.M. construction projects, with a total estimated cost of \$1,467,567,038:

	<u>Cost</u>	
333 projects are started	\$1,437,401,048	(98% of total cost)
78 projects are completed	137,911,243	( 9% of total cost)
24 projects are ahead of schedule	155,644,657	(11% of total cost)
207 projects are on schedule*	1,022,234,857	(70% of total cost)
24 projects are behind schedule	121,610,291	( 8% of total cost)
17 projects are not started	30,165,990	( 2% of total cost)

Of the 24 projects ahead of schedule, with an estimated cost of \$155,644,657:

12 are from 5-10% ahead	\$50,102,182	(32% of \$155,644,657)
5 are from 11-20% ahead	79,842,715	(51% of \$155,644,657)
7 are over 20% ahead	25,699,760	(17% of \$155,644,657)

Of the 24 projects behind schedule, with an estimated cost of \$121,610,291:

15 are from 5-10% behind	\$47,455,043	(39% of \$121,610,291)
7 are from 11-20% behind	73,521,160	(60% of \$121,610,291)
2 are over 20% behind	634,088	( 1% of \$121,610,291)

Of the 350 Q.M. construction projects, 216 (62%) provide a troop housing capacity of 1,325,679 at an estimated cost of \$815,161,683 (56% of total estimated Q. M. construction cost).

Of the 216 projects providing troop housing:

	<u>Capacity</u>	
215 projects are started	1,322,054	(99% of total)
69 projects are completed	358,854	(27% of total)
17 projects are ahead of schedule	144,786	(11% of total)
119 projects are on schedule*	809,870	(61% of total)
10 projects are behind schedule	10,544	( 1% of total)

Of the 10 projects behind schedule, with a troop capacity of 10,544:

8 are from 5-10% behind	9,542	(90% of 10,544)
1 is from 11-20% behind	962	( 9% of 10,544)
1 is over 20% behind	40	( 1% of 10,544)

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

QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - June 7, 1941

Source: Statistics Branch, CQMG - OUSW

<u>STATUS</u>		<u>COST IN MILLIONS</u>	<u>%</u>
COMPLETED		138	9
AHEAD OF SCHEDULE		156	11
ON SCHEDULE (Includes projects from 1 to 4% be- hind schedule and 1 to 4% ahead of schedule)		1022	70
BEHIND SCHEDULE		122	8
NOT STARTED		30	2
TOTAL		1468	100

Quartermaster Corps

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - JUNE 21, 1941

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

RADIO COMMUNICATION - TANKS - Tests of commercial FM high frequency radio equipment for communication between tanks have proved most encouraging. As a result, a quantity of this equipment was ordered for installation in units of the First and Second Armored Divisions, pending the development of FM receivers and transmitters to meet Signal Corps specifications.

New equipment has been standardized and last week the first production contract was awarded to Western Electric. This award covered the procurement of receivers BC-603 ( ) and transmitters BC-604 ( ), the major components of radio sets SCR- 508, 528 and 538. This type of equipment gives promise of filling a long standing need - better radio communication between tanks in combat.

RADIO PRODUCTION - The delivery of ground radio sets showed no improvement during the past week. The principal obstacle to the delivery of these sets is the shortage of several minor parts and accessories required to assemble complete units. These shortages were, to a great extent, due to the inability of contractors to obtain sufficient aluminum and brass. It is anticipated that the corrective action being taken will soon produce improvement in this situation.

While the production of aircraft warning devices remains appreciably behind scheduled deliveries, 15 sets of this type were delivered last week as compared with only 9 sets in the preceding week.

The delivery of aircraft radio equipment continues to make a much better showing than that of ground sets. A total of 205 command radios was delivered last week. Five of these sets were the new high frequency command set SCR-274, which is to replace command sets SCR-183 and SCR-240.

NEW CONTRACTS - New contract awards placed last week included the following items:-

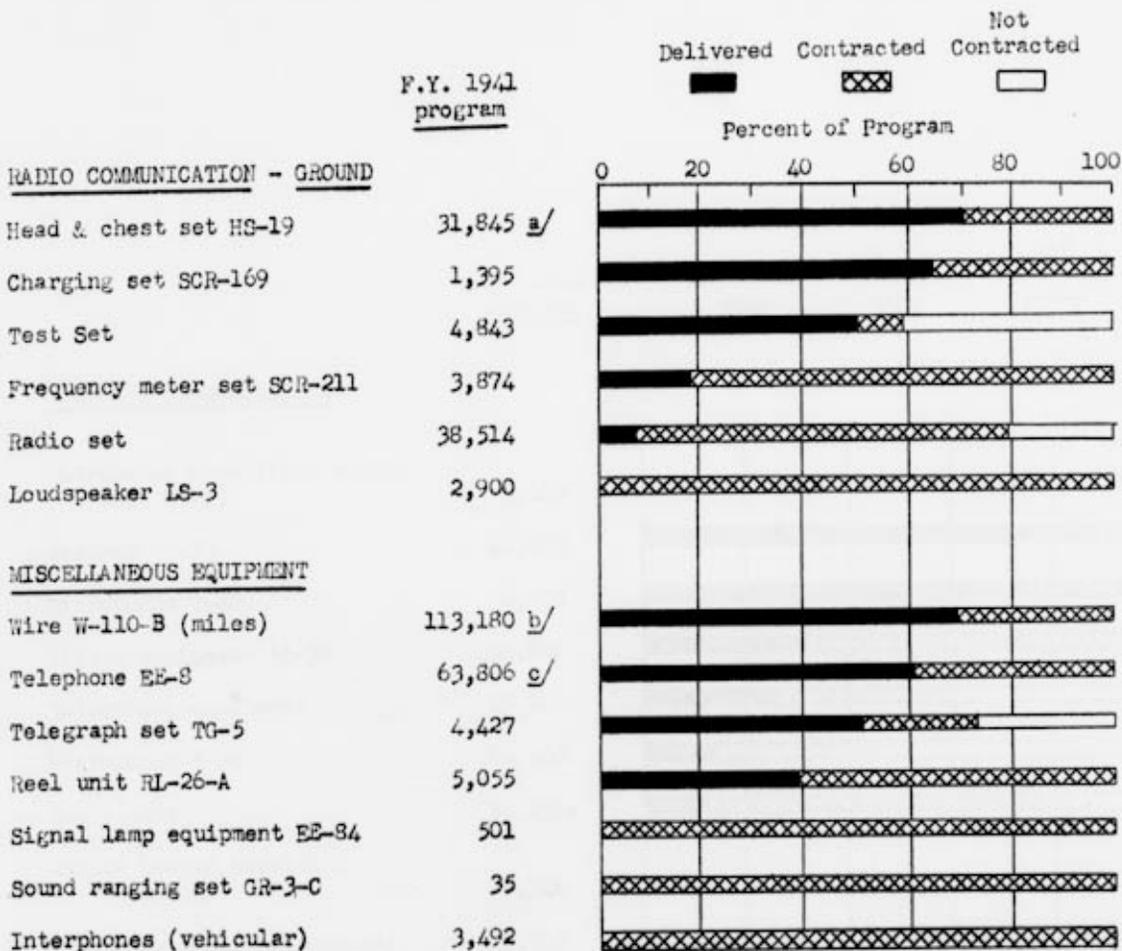
9447 Head and Chest HS-19	969 Radio Set SCR-508
4545 Radio Compass SCR-269	3506 Radio Set SCR-528
4463 Radio Set, Command SCR-274	2431 Radio Set SCR-538

DELINQUENCIES - Deliveries made during the past week failed to eliminate any critical items from the delinquency list and thirty-three items of a total of fifty-five items upon which deliveries are due remain behind schedule.

LABOR DIFFICULTIES - Strikes at the plant of Karp Metal Products Co., Brooklyn, N.Y., and New Jersey Galvanizing Co., Newark, N.J. are still in progress. No new strikes were reported last week although strikes are threatened at American Brass Co. and Breeze Corporation. The latter concern holds important contracts for the Air Corps and Signal Corps.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JUNE 21, 1941

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



a/ Includes 723 for Telegraph Set TG-5

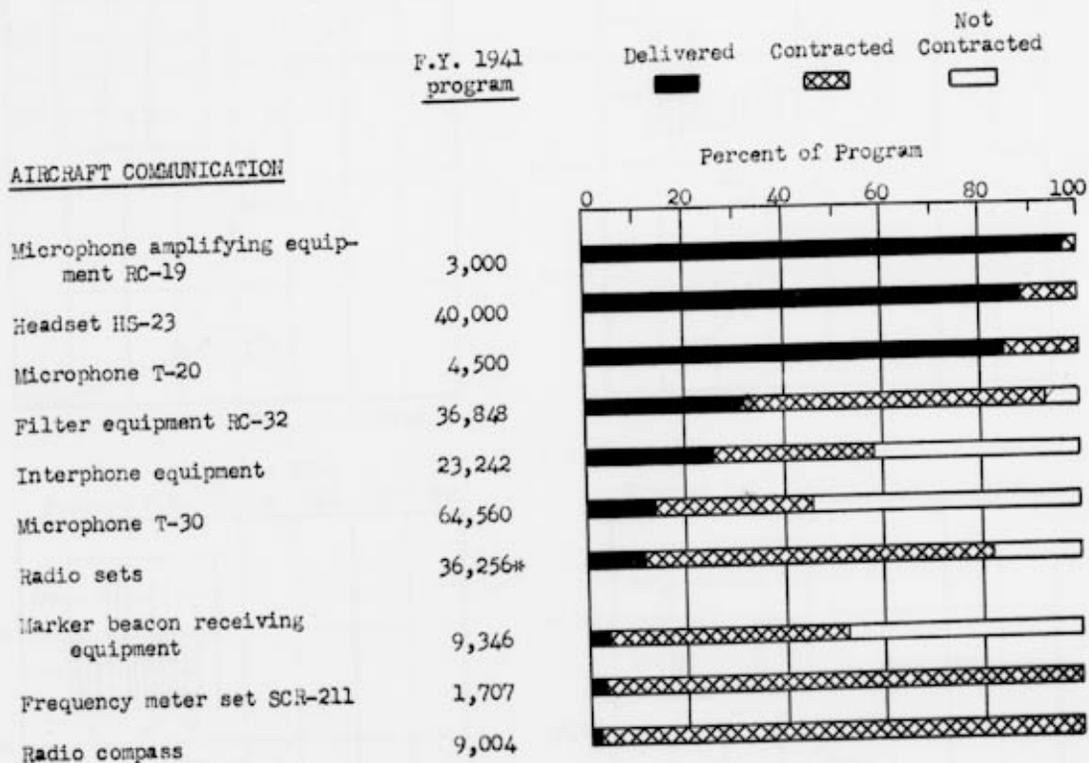
b/ Includes 8,000 miles for Marine Corps

c/ Includes 5,068 for component parts of other critical items

All figures are cumulative

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JUNE 21, 1941

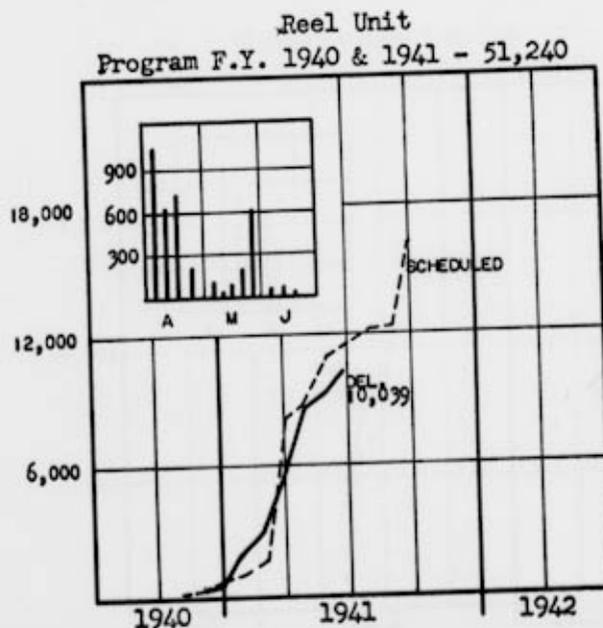
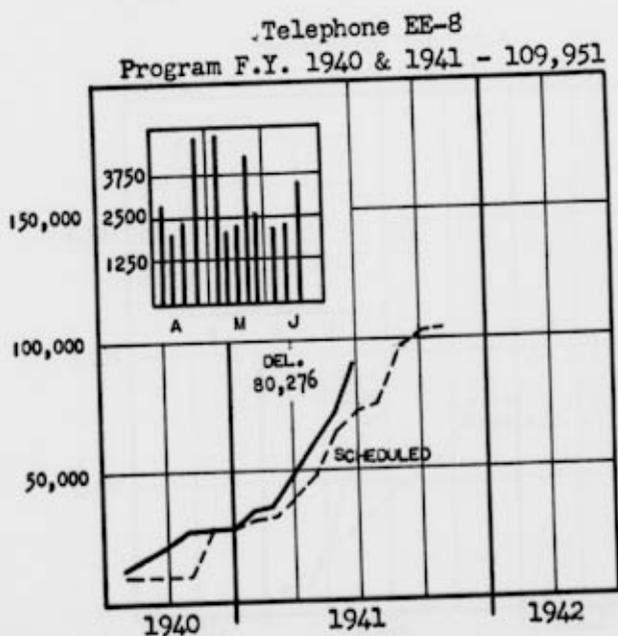
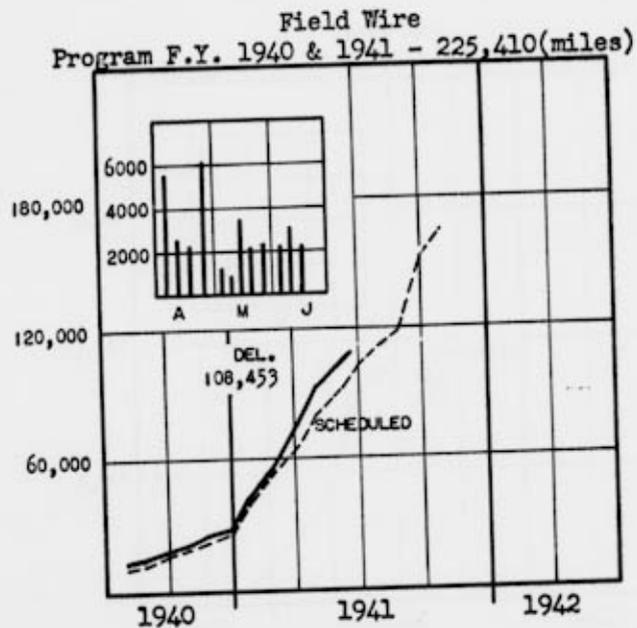
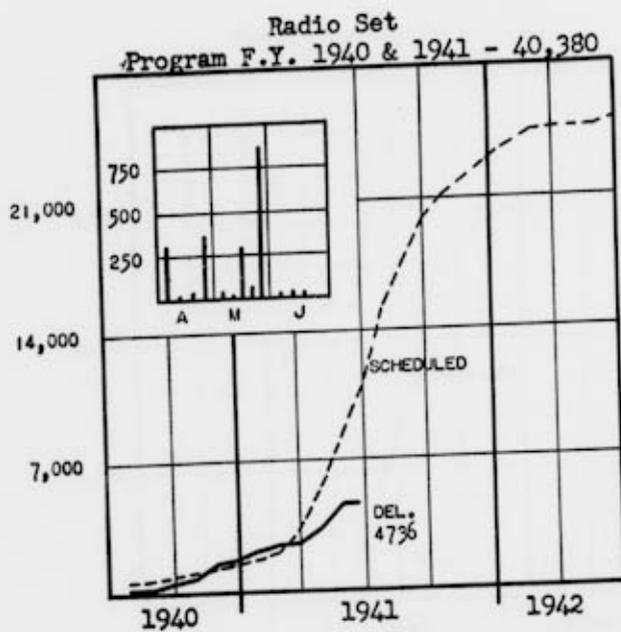
Source of Information: Office of the Chief Signal Officer, Supply Division



\* Includes 526 SCR-183 for Navy  
All figures are cumulative

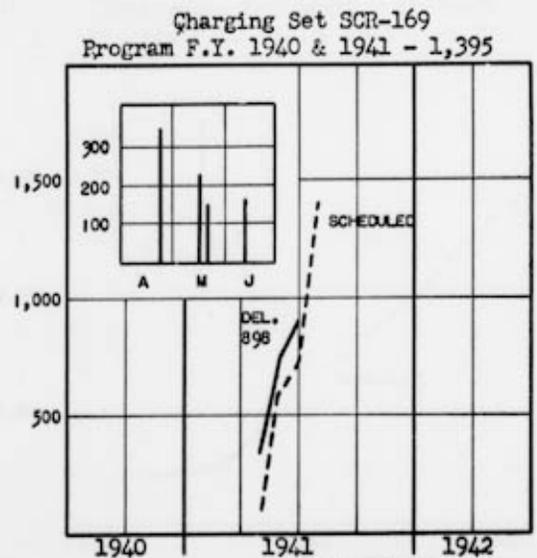
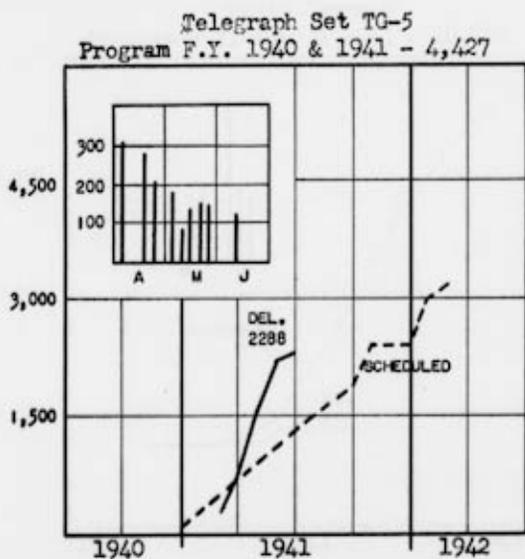
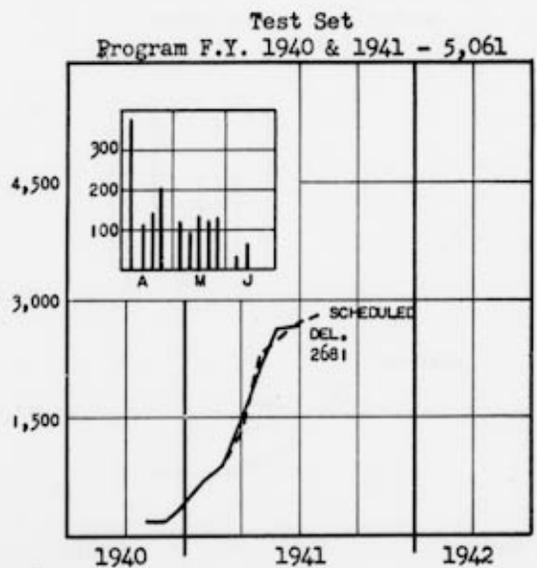
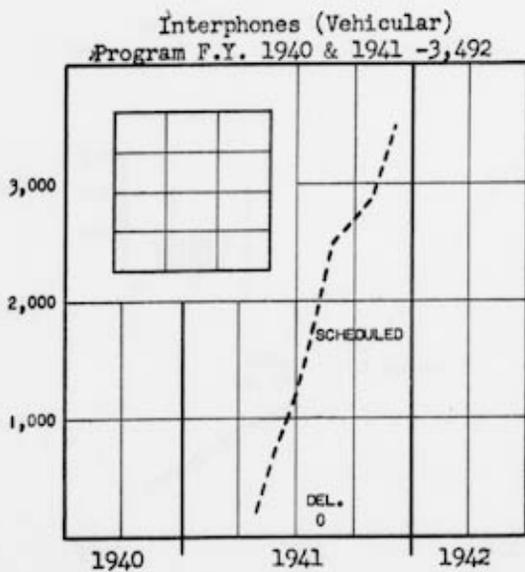
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 21, 1941

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



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 21, 1941

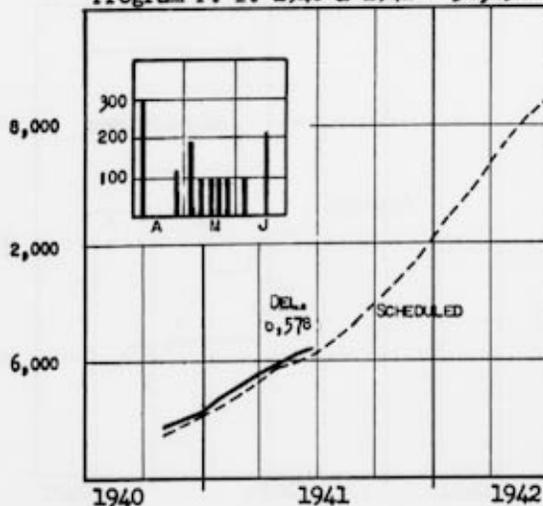
Source of Information: Supply Division, Office of the Chief Signal Officer



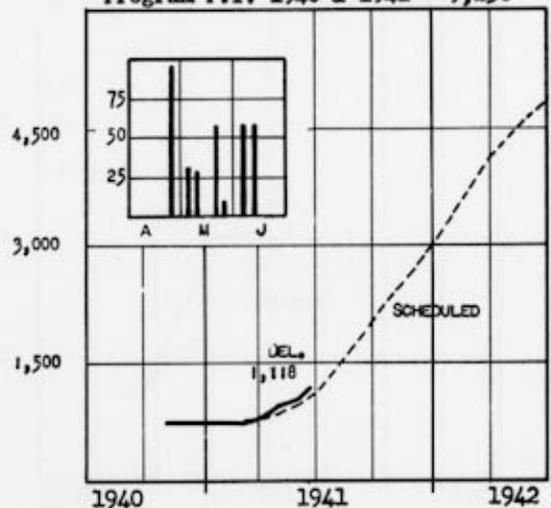
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - June 21, 1941

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

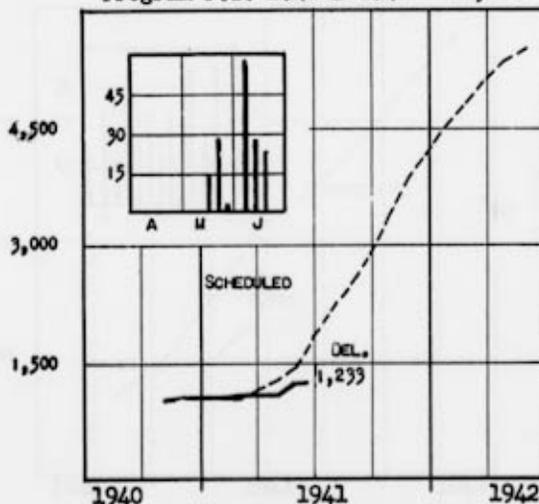
Radio Aircraft, Command  
Program F. Y. 1940 & 1941 - 30,252



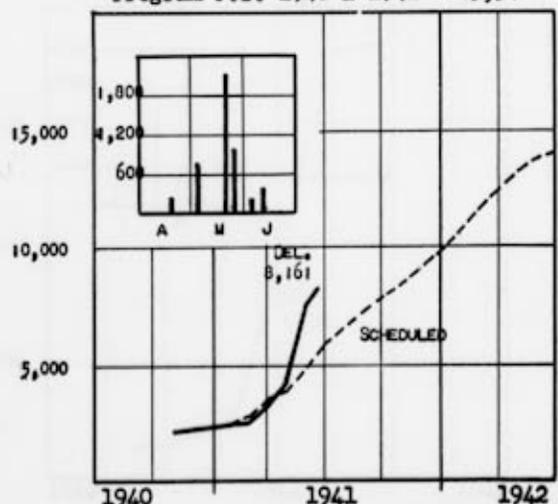
Radio Aircraft, Liaison  
Program F.Y. 1940 & 1941 - 9,230



Radio Compass  
Program F.Y. 1940 & 1941 - 10,068



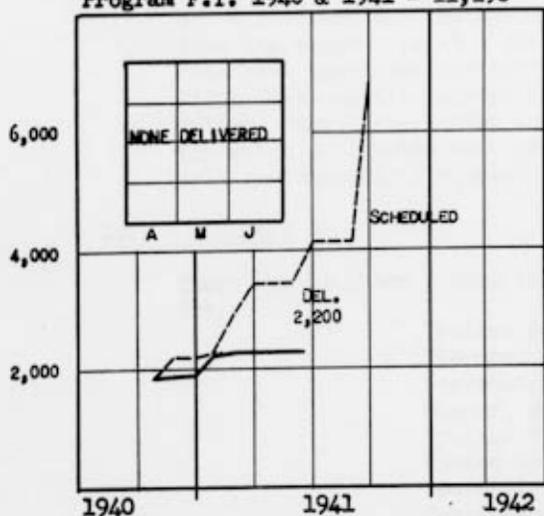
Interphone Equipment - Aircraft  
Program F.Y. 1940 & 1941 - 25,370



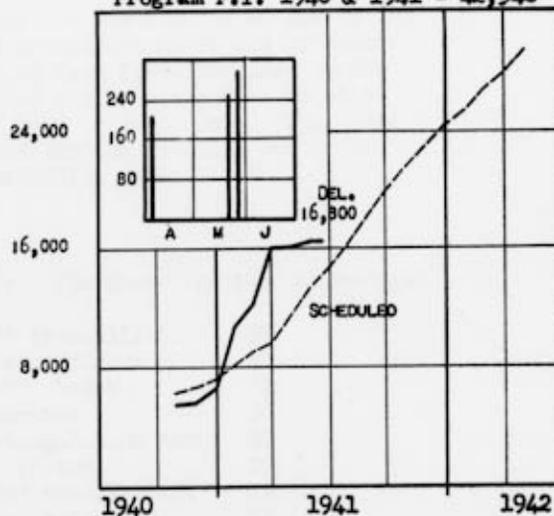
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - JUNE 21-1941 (PAGE II)

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

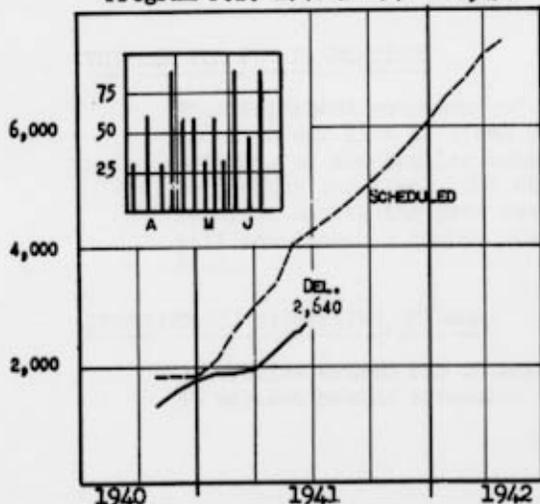
Marker Beacon Receiving Equipment  
Program F.Y. 1940 & 1941 - 11,196



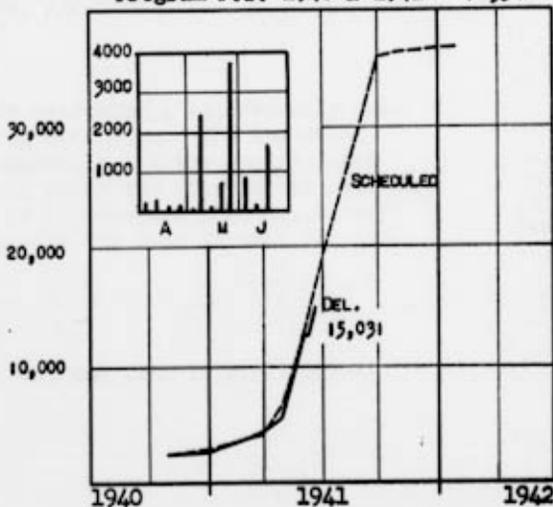
Filter Equipment RC-32  
Program F.Y. 1940 & 1941 - 42,348



Frequency Meter Set SCR-211  
Program F.Y. 1940 & 1941 - 7,459



Aircraft Microphones T-20 & T-30  
Program F.Y. 1940 & 1941 - 71,370



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 14, 1941

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

GENERAL

The procurement program of the Corps of Engineers has not been very active so far this month. For the week ended June 14 deliveries were due on only 12 items and were received on only 8. The reason for the number of active items being so low is that the program is at a point of transition where old contracts have been completed and new ones let from funds provided by the Fifth Supplemental Appropriation Act are not scheduled to start delivery until the latter part of June or until July. The items for which deliveries were scheduled for the week did not do so well in that only 2 equaled the scheduled rate.

BEHIND SCHEDULE

There are 11 items behind schedule. The items and the percentages are:

Trailer for 60" searchlight	99
Stereoscope, mag., mirror	49
Searchlight, 18" beach	32
Hammer, gas operated	30
Trailer for triangulation tower	30
Ponton bridge, 10-ton	20
Searchlight, 60" antiaircraft	12
Compressor, air, motorized	12
Bridge, steel portable, H-20	10
Electric lighting equip., 3 kva	7
Shovel, gasoline, 1/2-yard	4

TRAILER FOR 60" SEARCHLIGHT

This important component of the 60" searchlight has recently been added to our list of items requiring attention. The low steel priority of the trailer made it impossible for the manufacturer to produce the item. The first unit after the pilot model was received during the past week and it is expected that deliveries will continue. A higher steel priority has been secured for the item.

STEREOSCOPE, MAGNIFYING, MIRROR

Deliveries exceed the 25 scheduled but the item is still almost 50 percent behind schedule.

TEXT SUMMARY - CORPS OF ENGINEERS (Continued)

SEARCHLIGHT, 18" BEACH DEFENSE

The manufacturer has been unable to produce the finished light because of defective mirrors although his lights are ready for the mirror. The item is well behind schedule (32 percent) even though the Engineers have postponed schedules until the mirror situation is straightened out.

SEARCHLIGHT, 60" ANTI-AIRCRAFT

Deliveries slipped behind schedule for the first time since March. General Electric exceeded its schedule but Sperry delivered only 5 against a schedule of 28. The situation is shown on the diagram on a following page.

HAMMER, GAS OPERATED

No deliveries were recorded for the past week although 10 were scheduled. The item is 30 percent behind schedule.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS - JUNE 23, 1941

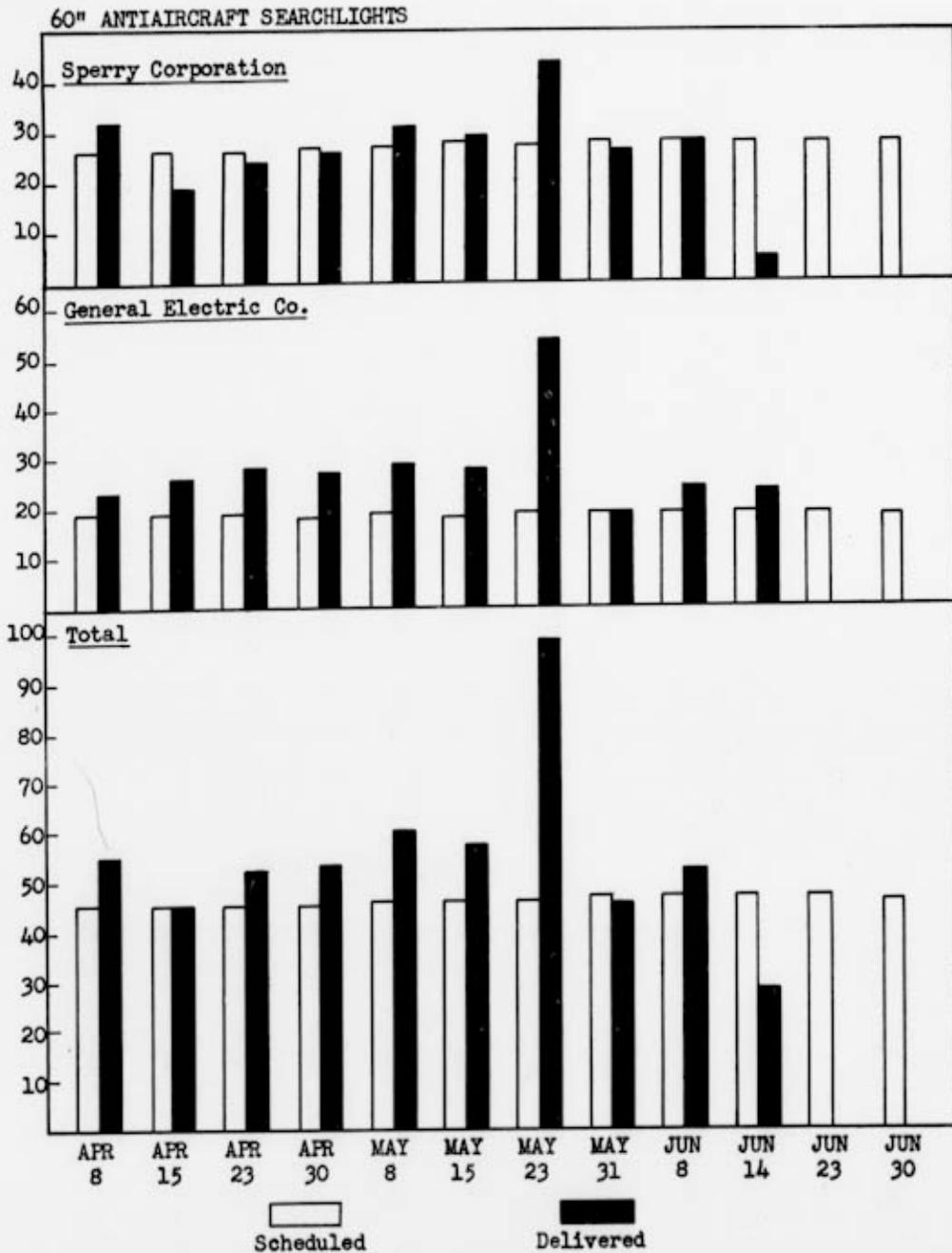
Source of Information: Supply Section, Office of the Chief of Engineers

Item	Scheduled Completion Dates												Program plus on hand
	Percentages												
Angledozer, tractor	100												656
Boat, assault	100												3,964
Mapping equip., Hqs.	100												9
Grader, road, mtzd.	97	100											102
Trailer, med. tractor	45	77	100										609
Shovel, gas, 3/8 yd.	68	84	95	100									94
Searchlight, 18"	13	13	24	70	81	100							182
Hammer, gas operated	23	33	51	70	89	100							1,069
Ponton equip., 10-ton	27	45	67	82	98	100							93
Mixer, concrete	81	81	81	81	81	90	100						111
Welding set	74	74	74	74	74	87	100						195
Electric equip., 3 kva	0	0	16	40	67	82	100						571
Bridge, H-10	43	57	71	81	88	94	100						96
Water puri. unit, mtzd.	41	48	76	83	89	96	100						46
Water puri. unit, port.	58	68	68	68	80	80	91	100					378
Shovel, gas, 1/2 yd.	26	35	51	66	72	82	97	100					65
Duplicating Equip.	0	0	0	26	70	70	70	100					229
Compressor, air, mtzd.	47	57	65	73	81	88	96	100					975
Stereoscope, lens	0	12	12	13	27	41	55	70	80	89	100		161
Searchlight, 60" AA	27	32	38	44	51	58	64	69	75	81	87	88	2,815
	J	F	M	A	M	J	J	A	S	O	N	D	

1941

DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 14, 1941

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JUNE 28, 1941

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

Progress Report as of June 15, 1941, shows that Wm. Langbein and Bros. completed delivery of 2,220 Towel Forceps on schedule. On another order for six thousand two hundred Surgical Knives, in two sizes, deliveries were completed two and two and one-half months ahead of schedule. The J. Sklar Manufacturing Co., not yet entirely recovered from a six weeks strike, completed delivery on a contract for three thousand Hysterectomy Forceps and five hundred Kidney Forceps on schedule. While surgical instruments as a group are lagging, the outlook is slowly improving.

The only existing strike directly affecting the Medical Department is that against the Shampaine Company, St. Louis, Missouri. This company has a contract for Operating Tables. The strike at the American Potash and Chemical Company, Trona, California, which has an indirect effect on Laboratory and Optical Glass, is still unsettled.

The Wm. Ball Corporation, Newark, New Jersey, completed delivery of three thousand Plain Medical Field Chests according to Progress Report of June 15, 1941. The delivery was only fifteen days behind schedule.

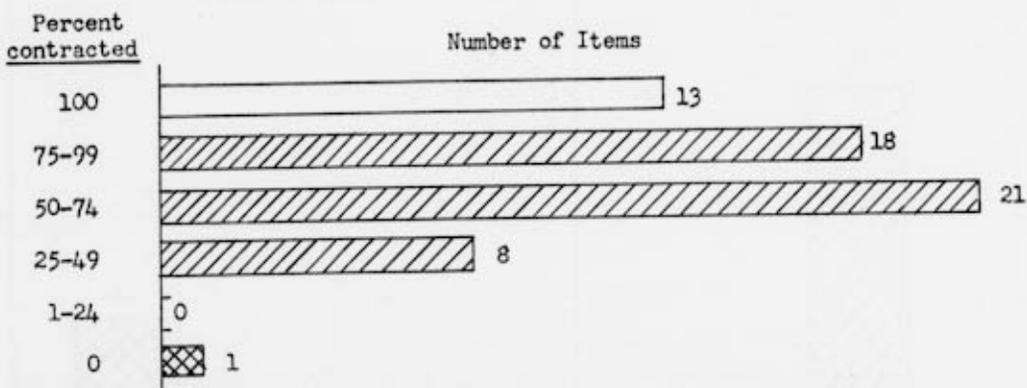
Local boards for the Selective Service are still making inroads into the skilled workers required by Medical Department facilities. The most recent case reported is that of a surgical instrument worker in the employ of the J. Sklar Manufacturing Co., who has been in training since December 1, 1939, and is now considered a skilled mechanic.

According to a summary of Weekly Vital Statistical Report No. 24, June 19, 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 3.08. This percentage shows 2.73 remaining in hospitals and .35 in quarters.

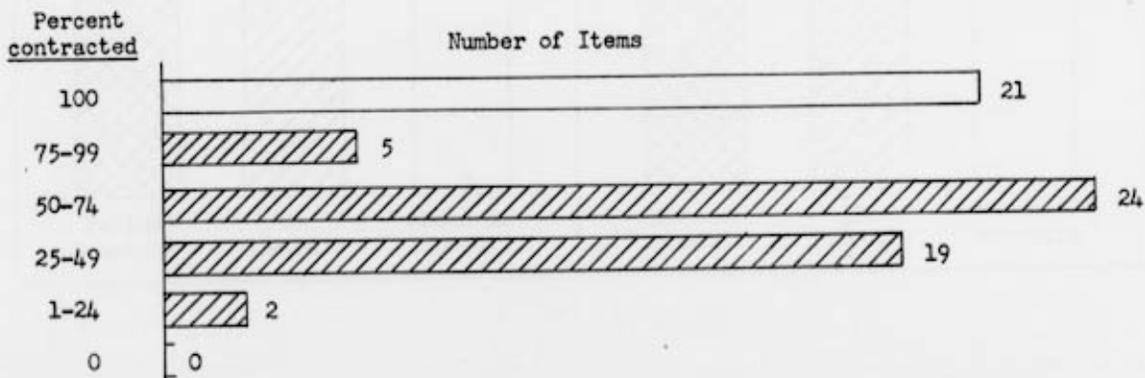
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 14, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



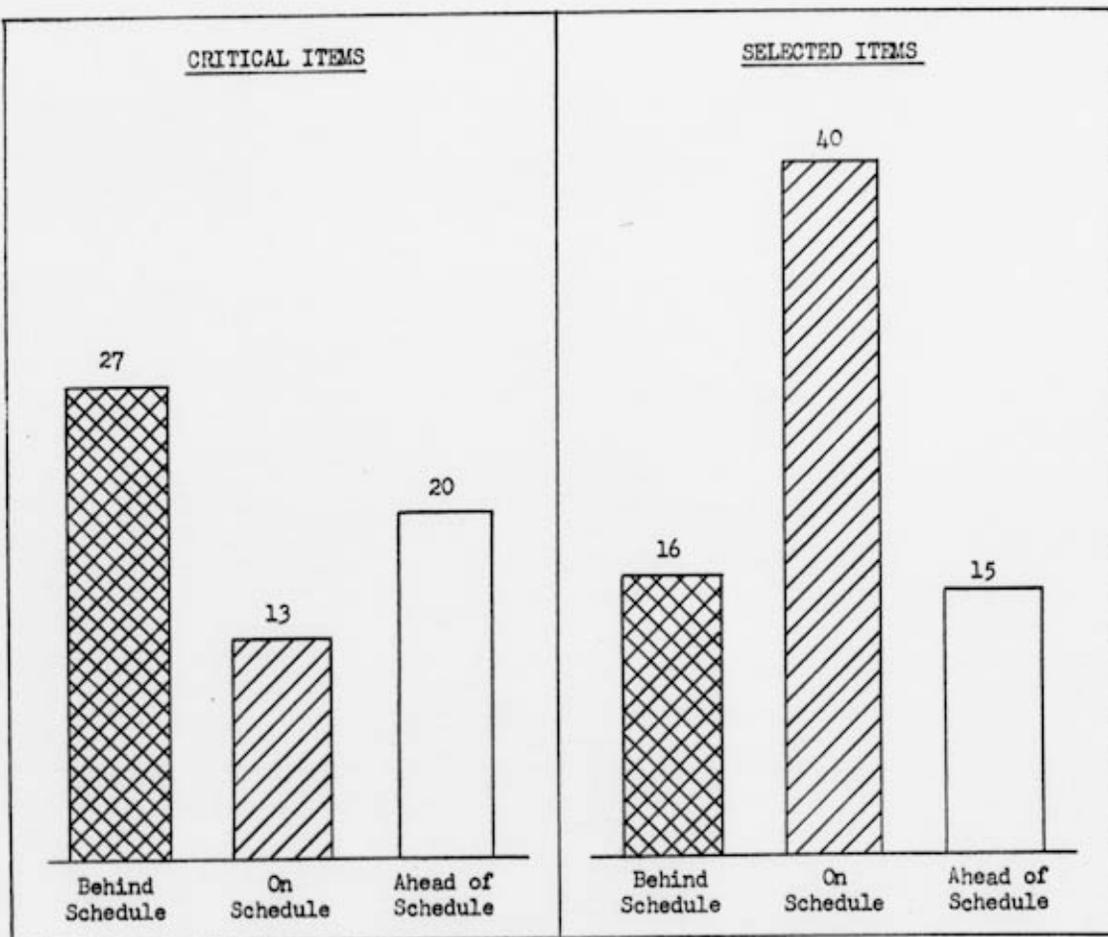
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 14, 1941

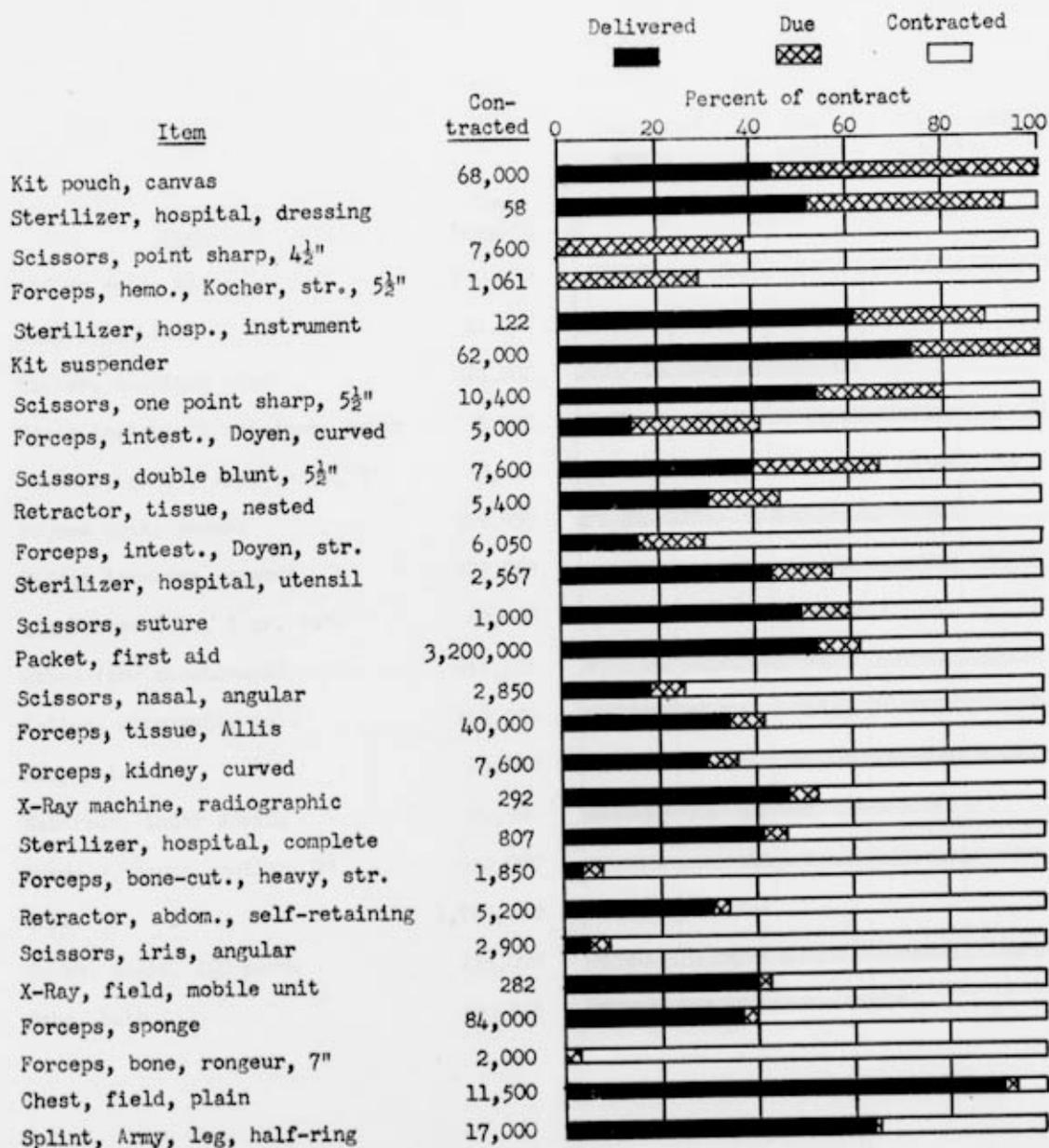
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



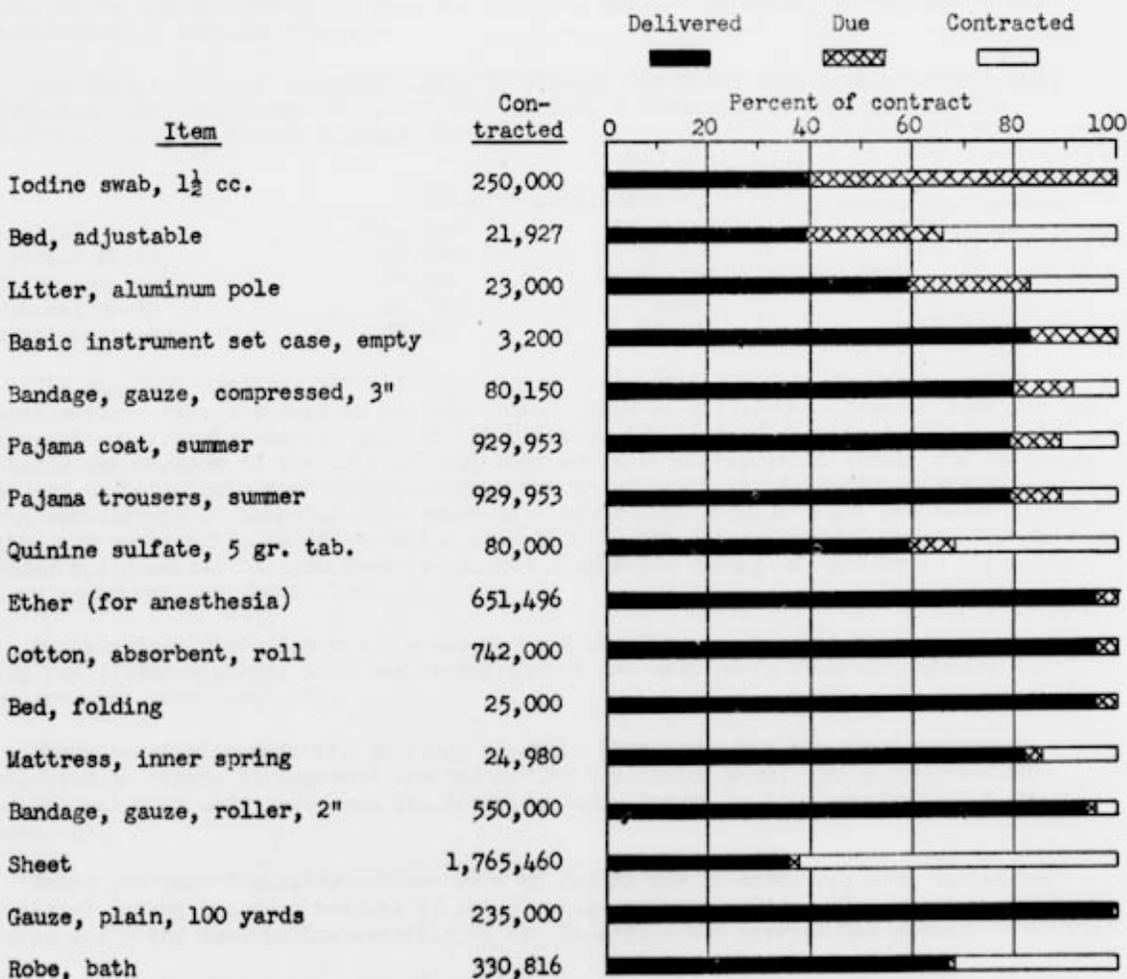
MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - JUNE 14, 1941

Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - JUNE 14, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JUNE 20, 1941

Source of Information: Chemical Warfare Service Weekly Reports

The diagrams included in this report represent the total program for the fiscal years 1940 and 1941 including the figures on the Fifth Supplemental National Defense Appropriation.

An analysis of the weekly Chemical Warfare reports reveals a downward trend in production and deliveries of critical Chemical Warfare materiel, partly due to the completion of certain contracts.

The 1941 contracts covering 1,210,797 Service Gas Masks were completed this week. Firestone Tire and Rubber Co., 403,599; Johnson & Johnson Co., 403,599; and The Goodyear Tire and Rubber Company, 403,599.

Type	<u>GAS MASK DELIVERIES</u>		Percentage Increase or Decrease
	This Week	Last Week	
Service Masks	28,794	34,236	- 16
Diaphragm Masks	25,592	66,320	- 61
Optical Masks	11,780	None	
Training Masks	39,060	53,121	- 26

The gas mask canister situation is rather grave due to a definite shortage of whetlerite. This compound is an impregnated charcoal utilized in the canister for the absorption of toxic gases. Most of the charcoal is obtained from imported coconut shells and because of the lack of ship bottoms it is difficult to obtain the necessary supply of this basic raw material. However, there are 4 plants under construction for the manufacture of charcoal from substances other than coconut shell and these facilities are expected to be in operation some time in the latter part of August 1941 provided the Chemical Warfare Service can get a priority rating of "A-1-b" on the necessary equipment for those plants.

The aluminum situation has now cleared and the Chemical Warfare Service is receiving its allotted share, thus the production of gas mask parts from this element is progressing satisfactorily.

There is still a definite shortage of white phosphorus but the first shipments are expected to arrive at Edgewood Arsenal during the coming week. It is reported that additional contracts have been let for phosphorus amounting to approximately 5,000 tons.

Extra Gas Mask Canisters:--There were no deliveries of Extra Gas Mask Canisters reported during the week because of the shortage of whetlerite. All canisters produced are being used in the assembly of the Diaphragm and Service Gas Masks.

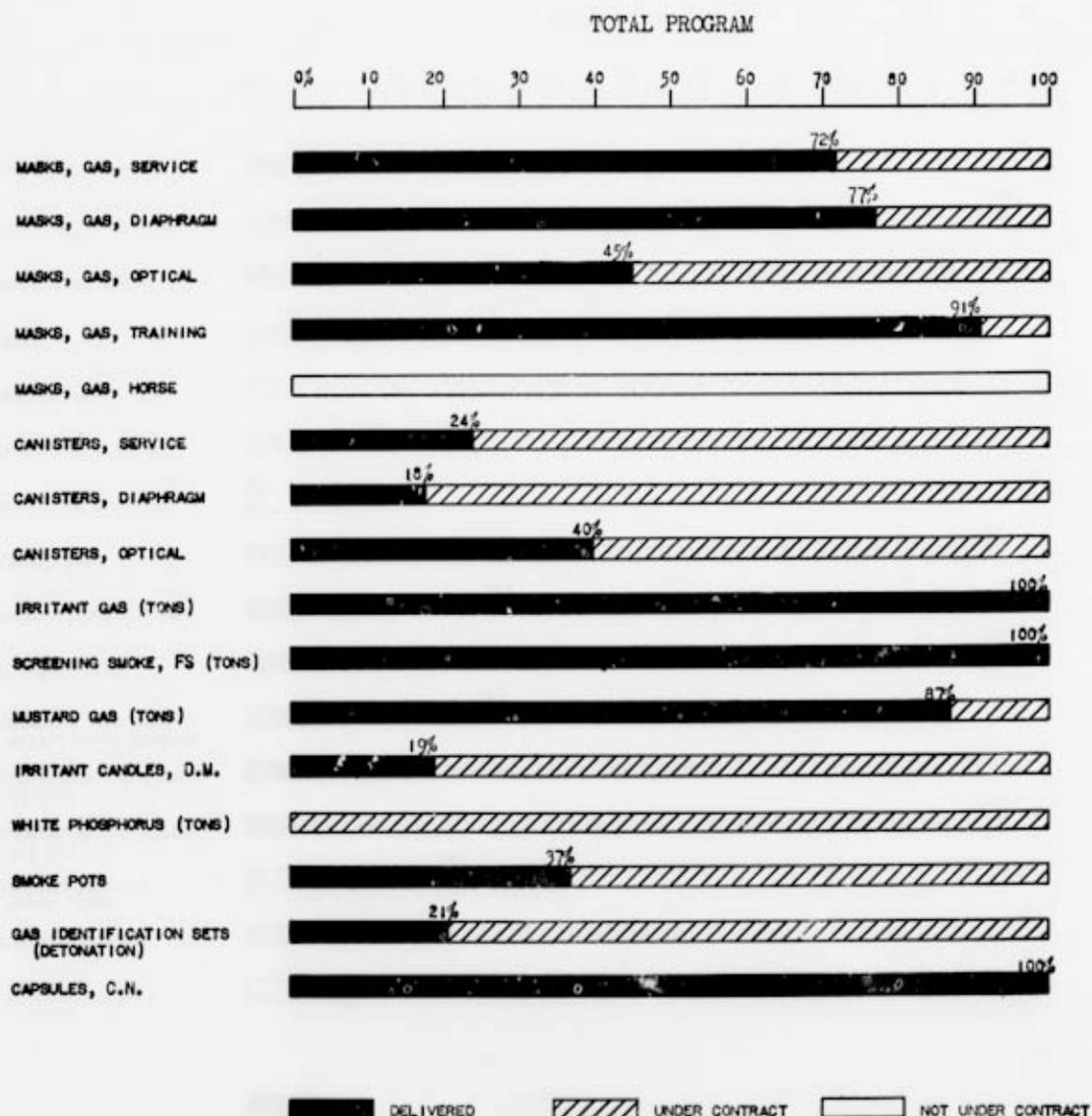
Mustard Gas:--The production of Mustard Gas reported this week amounted to 90 tons while the previous week's production was 81 tons.

Impregnite "I":--The production of Impregnite "I" amounted to 11.3 tons of which 8.2 tons were delivered and 3.1 tons are in the process of being inspected.

PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service

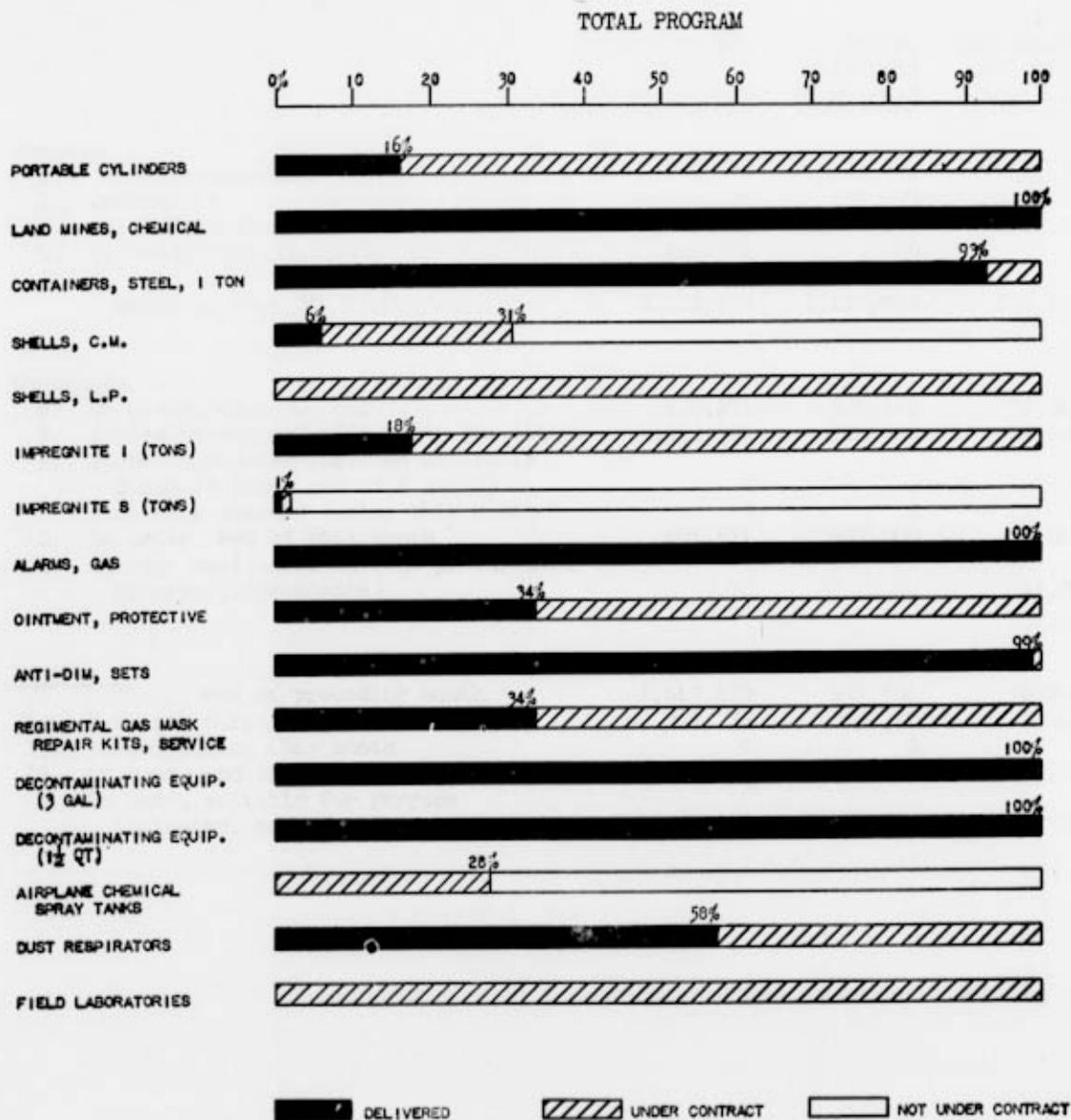
June 20, 1941



PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service

June 20, 1941



GAS MASKS

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

	<u>GAS MASKS, SERVICE (Complete)</u>	<u>GAS MASKS, DIAPHRAGM (Complete)</u>	<u>GAS MASKS, OPTICAL (Complete)</u>
<u>Program</u>			
1. Total requirements for 2,800,000 man army	3,201,175	1,241,972	66,451
2. Deferments	304,528	131,873	0
3. Total financed requirements (1-2)	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 (3-4)	2,402,573	1,110,099	116,623
<u>Contracts</u>			
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	805,511	397,200	75,840
11. Average unit cost, current procurement program (approximate)	7.70	11.00	11.00
<u>Inventory</u>			
12. On hand, end of preceding month	1,643,403	437,504	38,943
13. Receipts during this month	247,733	275,395	1,840
14. Losses during this month	0	0	0
15. On hand, end of this month	1,891,136	712,899	40,783
16. On hand, suitable for purpose indicated, end of this month	1,891,136	712,899	40,783

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JUNE 23, 1941

Source of Information: Office, Chief of Coast Artillery

CONTROL PANELS, M-3

The procurement of the control panels for the mine field groups is progressing ahead of schedule. On June 23 there were 73 scheduled and 100 delivered. Deliveries now are 28 more than the schedule and 72 percent of the total program of 138.

The diagram on the following page shows the distribution by locations and the scheduled dates of completion.

SUBMARINE MINE CABLE - BEHIND SCHEDULE

This item is being procured for the Coast Artillery by the Signal Corps. During the past week 160,000 feet were delivered. Deliveries to date are 3,015,300 feet, or 83 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JUNE 23, 1941

Source of Information: Office, Chief of Coast Artillery

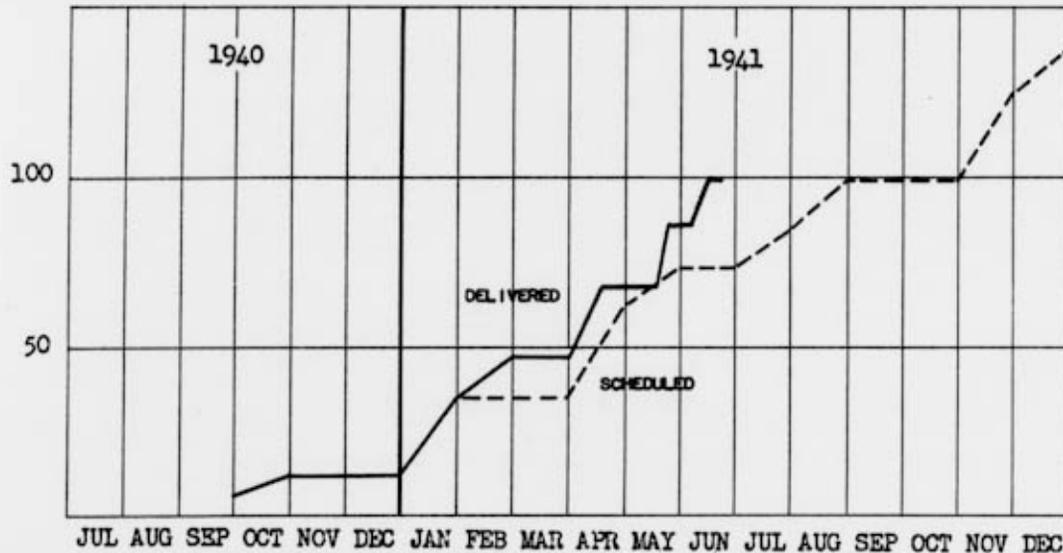
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual June 23	Contracted	Delivered
Group control panels, M-3	138	138	73	100	100	72

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JUNE 23, 1941

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

Harbor defense of:	1940				1941											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boston	5#								4#							
Sandy Hook					23#											
Columbia River									7#							
Southern New York												4				
Portsmouth		6#														
Chesapeake Bay								28#								
Narragansett Bay											12#					
Portland												10#				
Delaware Bay															25*	
San Francisco Bay																14
Total scheduled	5	11	11	11	34	34	34	62	73	73	85	99	99	99	124	138
Actual deliveries	5	11	11	11	34	47	47	69	85							

# delivered

\* 5 of 25 delivered