

War: Reports, Weekly Statistical: 5/31-6/4/41

*PST  
War*

June 7, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copies No. 48 and No. 49  
of the Weekly Statistical Report Summary.

*R. L. P. Patten*

*PSF  
War*

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

**WEEKLY STATISTICAL REPORT  
SUMMARY**

No. 48

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

Franklin D. Roosevelt Library  
**DECLASSIFIED**  
**DOD DIR.** 5200.9 (9/27/88)

Date- *3-5-59*

Signature- *Carl L. Spear*

**STATISTICS BRANCH  
OFFICE OF THE ASSISTANT SECRETARY OF WAR  
WAR DEPARTMENT**

Copy No. SB-4841-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 48

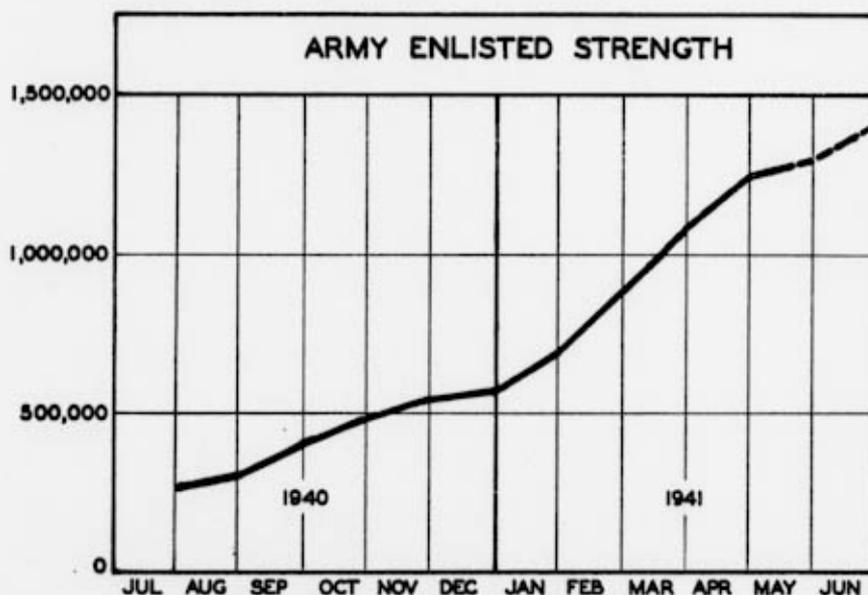
MAY 31, 1941

<u>GENERAL</u>	Page	<u>SIGNAL CORPS</u>	Page
Army Strength	1	Text Summary - Procurement	32
Prices	2	Status of Requirements	33
Editorial Comment	3	Status of Requirements	34
Editorial Comment - Diagram	4	Diagrams: Signal Corps Procurement	35
Commitments	5	Diagrams: Signal Corps Procurement	36
Expediting Production	6	Diagrams: Signal Corps Procurement	37
		Diagrams: Signal Corps Procurement	38
<u>ORINANCE DEPARTMENT</u>		<u>CORPS OF ENGINEERS</u>	
Text Summary - Procurement Progress	7	Text Summary - Procurement Progress	39
Tab. Sum. - Materiel Procurement	8	Text Summary - Procurement Progress	40
Tab. Sum. - Tactical Equipment	9	Diagrams: Progress of Deliveries	41
Tab. Sum. - Ammunition Procurement	10	Diagrams: Progress of Deliveries	42
Ammunition - Small Arms and Misc.	11	Text Summary - Air Corps Construction	43
Infantry Armament - 105 mm Howitzer	12	Text Summary - Air Corps Construction	44
New Facilities - Equipment	13	Diagram: Air Corps Construction	45
New Facilities-Ammunition	14		
New Facilities-Ammunition	15	<u>MEDICAL DEPARTMENT</u>	
		Text Summary	46
		Diagram: No. of Items and % Contract.	47
		Diagram: Behind and Ahead Schedule	48
		<u>CHEMICAL WARFARE SERVICE</u>	
		Text Summary - Procurement	49
		Diagram: Progress of Deliveries	50
		Diagram: Progress of Deliveries	51
		<u>COAST ARTILLERY CORPS</u>	
		Text Summary - Procurement	52
		Tab. Sum. - Procurement	52
		Diagram: Procurement	53
<u>QUARTERMASTER CORPS</u>			
Text Summary - Procurement of Q.M.It.	25		
Diagrams: Critical & Selected Items	26		
Diagrams: Critical & Selected Items	27		
Text Summary - Motor Vehicle Proc.	28		
Diagrams: Motor Vehicle Procurement	29		
Text Summary - Construction Progress	30		
Diagram: Estimated Troop Housing	31		

### 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 April 30 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 - April 29, 1941

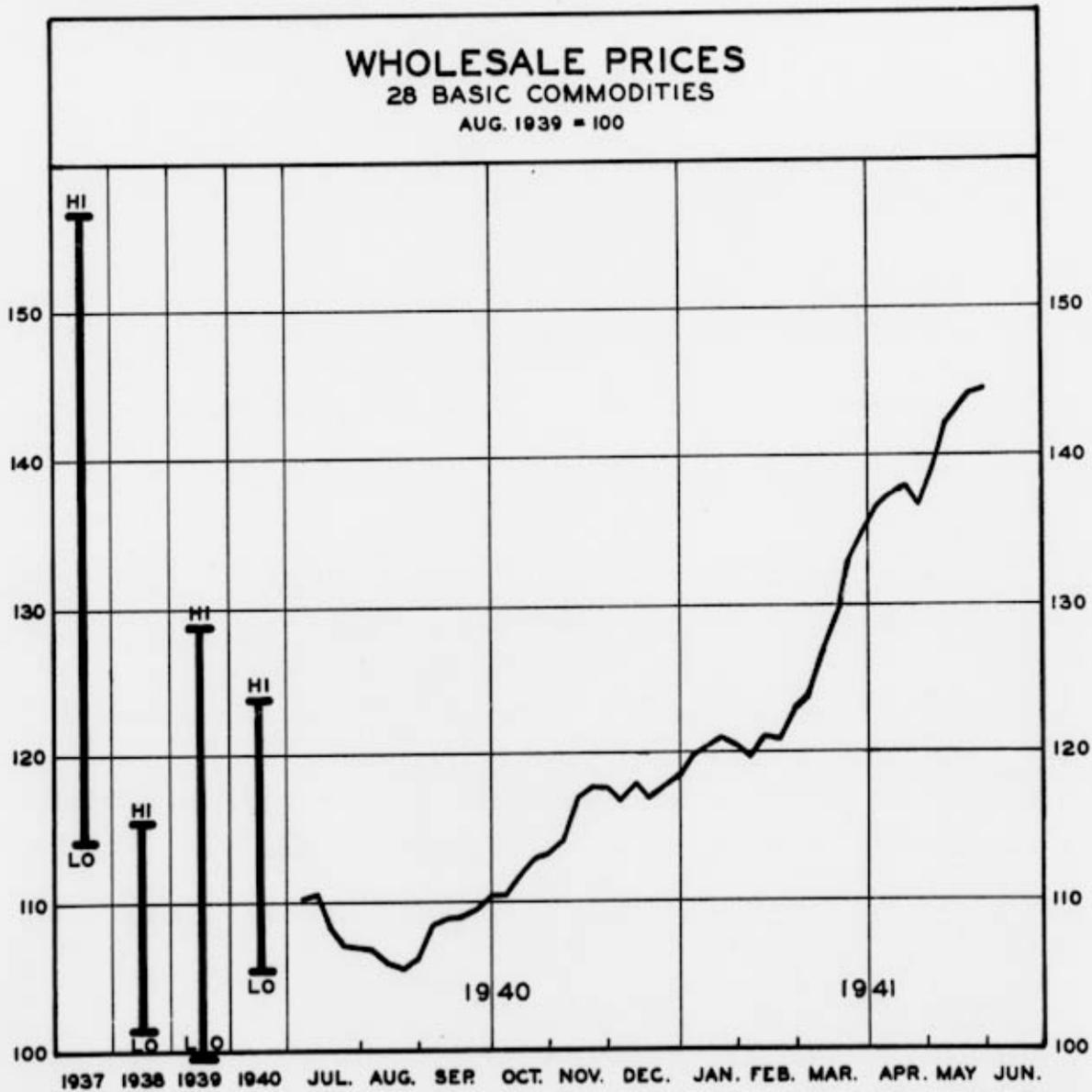


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan. 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May	1,291,028
June	1,418,097

PRICES

Prices of basic commodities continued the upward movement through the middle of the week, but a temporary reaction slightly lowered the index to 143.3 percent of the August, 1939 level. The index reached the highest point since the outbreak of the war, and was 144.5 during the middle of the week. The slight drop in prices was due to decreases in a few imported commodities.

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. May 28, 1941

Early and incomplete expressions of opinion on the President's speech indicate that reactions vary widely, but the majority approves declaration of the emergency, the foreign policy, and the attitude toward work stoppages. Many fear that the Congress will now play a minor role.

Concern about the danger of inflation is again mounting. This new wave of apprehension has largely been caused by the rapidity with which wage increases are spreading. It is felt that the price structure cannot long withstand a continuing trend of this sort. Most of the commentators believe that an aid to the prevention of inflation would be a substantial cut in this new purchasing power by broadening of the income tax base. They feel that in the long run, reduction of income by taxes will work less hardship than reduction by increased cost of living.

For the past few weeks there has been growing concern about shortages of steel, aluminum, zinc and other materials. Many of the commentators still believe these shortages should be met, whenever possible, largely by reduction of civilian consumption rather than by unlimited plant expansion, though the number of those who hold this view is probably less than at the time of the first Dunn report. The majority, however, appears to hold the view that the aims of the defense program are now so great that a considerable degree of both plant expansion and reduction of civilian consumption will be necessary.

Recently, and for the first time since the start of the defense program, criticism of the OPMND has reached important proportions.

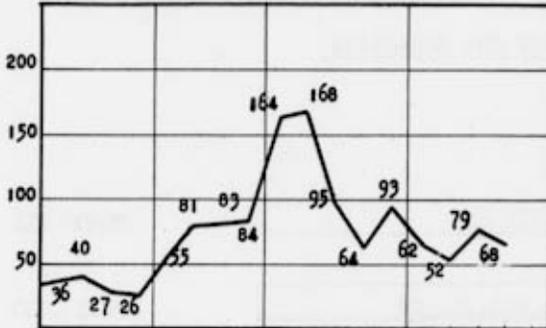
TABULAR SUMMARY

<u>THE EMERGENCY</u>	Tallies	<u>MATERIAL SHORTAGES</u>	<u>GENERAL CRITICISM</u>
Approval of declaration	5	Steel shortage ahead	14
For freedom of seas	5	Aluminum shortage	12
		Magnesium shortage	6
		Zinc shortage	3
		Nickel shortage	1
<u>AID FOR BRITAIN</u>			
For safeguarding			
cargoes by best means	12		
For convoying	5	<u>ECONOMICS, INFLATION</u>	
Approval of patrol	1	Inflation danger	15
Repeal Neutrality Act	4	Broaden tax base	4
For bomber program	3	For excise tax	1
Buy British goods	1	Revise ex. profits tax	4
All possible aid	18	Cut Govt. spending	21
		Dont cut spending	2
		Against farm bill	5
<u>HOURS, WAGES, LABOR</u>	68	Discontinue WPA	2
<u>LACK OF FACTS</u>	20	Defense before reform	1
<u>ORGANIZATION PROBLEMS</u>	21	Against "deferred pay"	4
<u>GOVT. AND BUSINESS</u>	9	Stop devaluation powers	2
<u>TREND TOWARD WAR</u>	26	Keep Stabilization Fund	1
<u>GENERAL COMMENDATION</u>	10	Defense bond sales	7
<u>MISCELLANEOUS</u>	4		
			Army procurement
			Navy Department
			Department of Labor
			The OPMND
			Defense personnel
			Defense organization
			Defense planning
			Relations with industry
			Attitude to \$-a-yr. men
			Admin. leadership
			Govt. labor policy
			Govt. economic policy
			Slow contract letting
			Sub-contracting slow
			Ship-building slow
			Bomber program slow
			Tank production slow
			Troop equipment slow
			Aid too slow
			General production slow

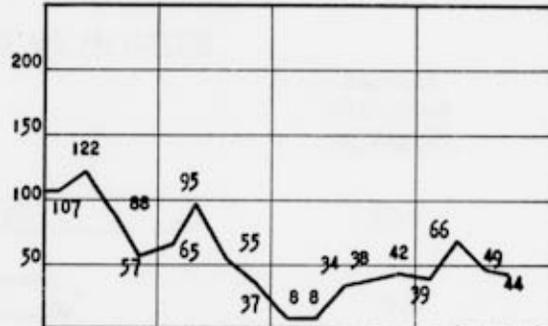
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

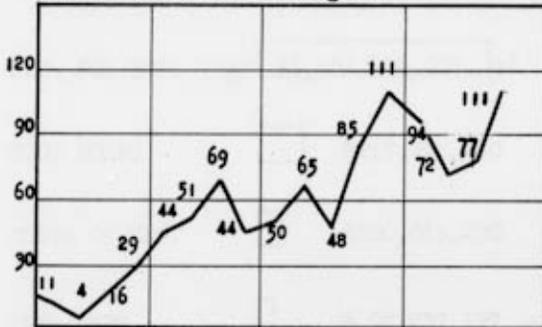
Hours, Wages, Labor Problems



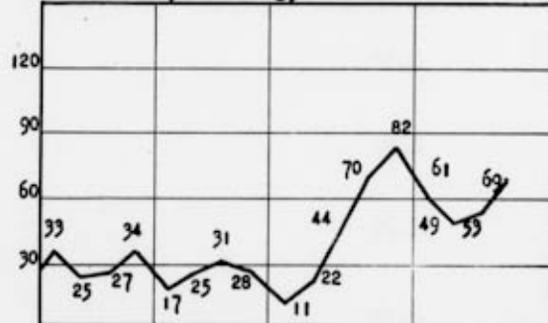
Aid for England



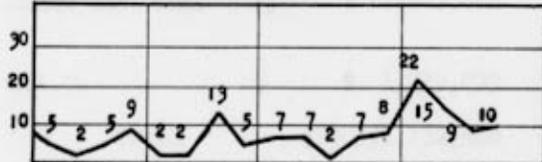
Criticism of Slow Progress



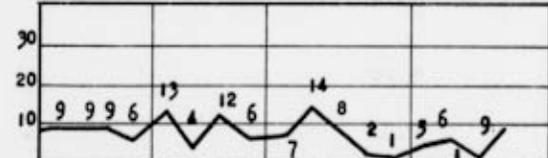
Economics, Banking, Inflation



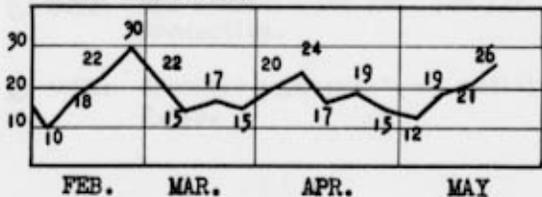
General Commendation



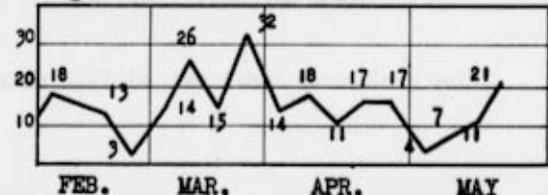
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 64.9 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, May 29, 1941

AVAILABLE FOR MUNITIONS AND FACILITIES

		Percent obligated to May 28
AIR CORPS	<input type="text" value="\$3,717,519,528"/>	62.5
ORD. DEPT.	<input type="text" value="\$2,741,659,091"/> a/	77.6
Q.M.C.	<input type="text" value="\$2,596,342,802"/>	50.5
FAC. FOR EXP.	b/ <input type="text" value="\$1,464,286,000"/> c/	68.9
SIG. CORPS	<input type="text" value="\$217,274,460"/>	75.8
CORPS OF ENG.	<input type="text" value="\$100,015,200"/>	79.1
MED. DEPT.	<input type="text" value="\$ 60,872,137"/> a/	74.6
CHEM. WAR. SER.	<input type="text" value="\$ 51,943,483"/>	91.1
C.A.C.	<input type="text" value="\$ 1,219,839"/>	99.8
TOTAL	\$10,951,132,540	64.9

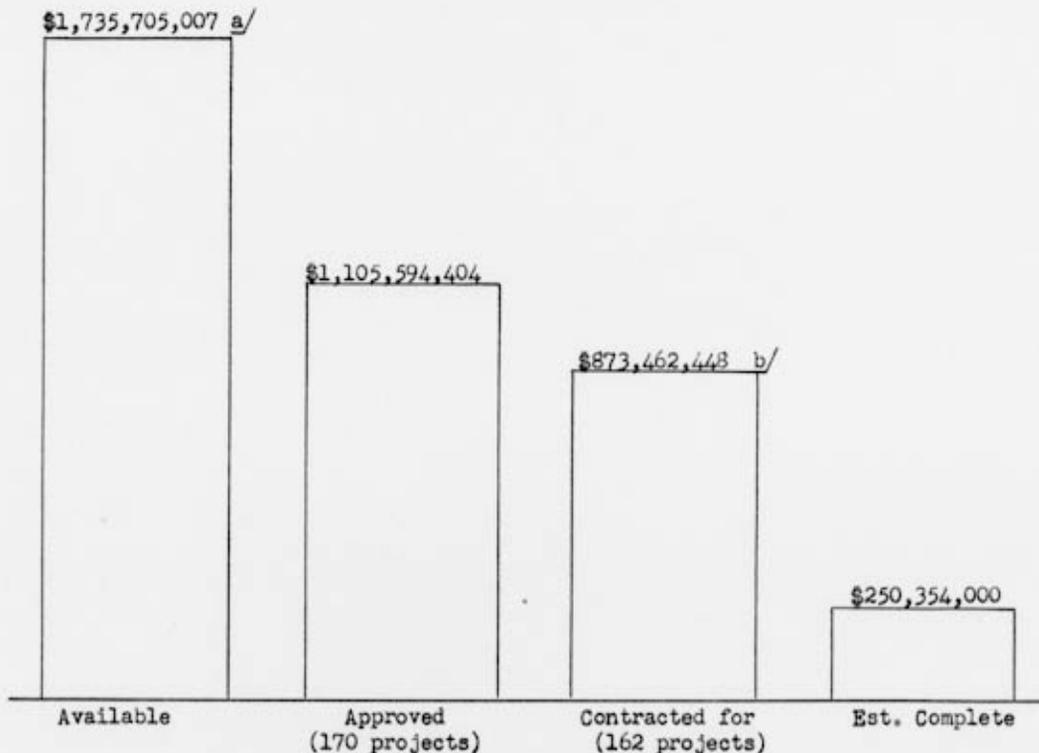
a/ NOTE: Tentative

b/ NOTE: The abbreviation FAC. for EXP. refers to New Facilities for Expediting Production.

c/ NOTE: Specific appropriation, additional funds will be furnished from Navy and S.A.S.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - MAY 24, 1941

Source of Information: Construction Division Report, May 24, 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 \$15,000,000.

b/ Amount supplied by Supply Arms and Services.

TEXT SUMMARY - MAY 31, 1941

Source of Information: Ordnance Department

EQUIPMENT

Tank, Light, M3 - Deliveries (less armament) are catching up to schedule. In the first 23 days of May, 152 were accepted compared with the 169 units scheduled for acceptance in the full month. Cumulative acceptances of 279 units through May 23 compare with the 361 units scheduled through May 31.

Production of the 37mm guns for this tank is exceeding the tank schedule, but the production schedule for the mount combination, M22, by Miller Printing Machinery Company is a choke point except in the months of July, August, September and October, 1941. This armament is assembled on the tanks in the field.

Mortars, 60mm & 81mm - Acceptances of both 60mm and 81mm mortars are on schedule but production of both has lagged behind the estimated production schedules furnished by manufacturers. Read Machinery Company has for some months lagged far behind schedule in production of the 60mm mortars. Production difficulties are now reported to have been solved and with three shifts a day the company plans to complete its orders by August. Kennedy Van-Saun Manufacturing & Engineering Corporation has received a 30 day extension because of difficulties in obtaining aluminum bronze castings. The company plans to complete 1,525 of the 60mm mortars by the middle of July, 1941 and its entire order for 5,727 in July, 1942.

The A. B. Farquhar Company expects to complete its revised schedule for 81mm mortars in May. The first three units of National Pneumatic Company's order for 323 were produced in March and April and completion is scheduled for September. Pullman Standard Car Manufacturing Company is in production and is scheduled to complete 300 of the 81mm mortars in July and its total orders for 2,327 in February, 1942.

Production of sights for both the 60mm and 81mm mortars is well ahead of the mortars, although Minneapolis-Honeywell Company is behind its own production schedule.

Howitzer, 105mm - Eight complete units were delivered in April. Component parts for 25 complete units were produced by manufacturers in the same month so that the 10 additional complete units scheduled for acceptance in May appear assured. Various manufacturers of component parts are reporting production difficulties resulting from late machine tool deliveries. The American Locomotive Company has withdrawn all schedules for 1,000 carriages, originally planned to start in September, as a result of inability to obtain definite delivery promises for necessary machine tools. However, Pullman Standard Car Manufacturing Company is now tooling up and is about to start production of carriages; it is estimated that maximum production of 130 carriages per month will be reached by July.

AMMUNITION

Actual and scheduled deliveries of small arms ammunition and certain other ammunition items are shown in the diagram on page 11. The proportions of the total procurement program (excluding procurement from Fifth Supplemental funds), which are scheduled for delivery prior to June 30, 1942, are indicated.

Revised schedules for the Lake City and St. Louis small arms ammunition plants show increased production to be planned, with approximately one half the program due to be completed as of June 30, 1942. Approximately all the fragmentation grenades and ground signals are due to be delivered before that date. However, much smaller proportions of ammunition for infantry supporting weapons and of antitank mines are scheduled for delivery by June 30, 1942.

TABULAR SUMMARY - ORDNANCE MATERIEL PROCUREMENT - MAY 15, 1941

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

Item	Total procurement program	Delivered thru May 15	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	5,722 <sup>φ</sup>	32	32	6	6 <sup>φ</sup>
Machine gun, cal.50	163,573	5,644 <sup>φ</sup>	49	49*	4	3 <sup>φ</sup>
Gun, 20mm, automatic	42,489	0	100	6	0	0
Gun, 37mm, automatic	1,188	14	100	90	1	1
<u>Combat Vehicles</u>						
Tank, light	3,488	678 <sup>φ</sup>	100	100	19	19 <sup>φ</sup>
Tank, medium	4,596	55 <sup>φ</sup>	54	54	1	1 <sup>φ</sup>
Scout car	2,733	2,597 <sup>φ</sup>	100	100	86	95 <sup>φ</sup>
Personnel carrier, 8-man	5,445	0	100	100	0	0
Personnel carrier, 13-man	4,302	0	100	91	0	0
Machine gun, cal.30, (Var.)	37,460 <sup>a/</sup>	a/	a/	a/	a/	a/
Machine gun, cal.50, (H.B.)	8,025 <sup>a/</sup>	a/	a/	a/	a/	a/
Submachine gun, cal.45	241,065	10,052	23	23*	7	4
Gun, 37mm, tank	6,040	917	100	100	13	15
Gun, 75mm, tank	2,513	4	100	100	0	-
<u>Antiaircraft</u>						
Gun, 3"	152	70	100	100	43	46
Gun, 90mm	1,271	0	95	95*	0	0
Gun, 37mm	3,195	339	100	100	10	11
Machine gun, cal.50 (W.C.)	10,945	196	34	34*	2	2
<u>Artillery</u>						
Howitzer, 75mm	958	97	100	100	8	10
Howitzer, 105mm	3,286	8	83	83*	0	0
Gun, 155mm	492	8	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	421	100	100*	35	32
Carriage, 155mm howitzer	1,436	706 <sup>φ</sup>	100	100	39	49 <sup>φ</sup>
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	165,206 <sup>φ</sup>	93	93	17	18 <sup>φ</sup>
Machine gun, cal.30, (Var.)	92,808 <sup>b/</sup>	22,861 <sup>b/</sup>	76 <sup>b/</sup>	76* <sup>b/</sup>	25 <sup>b/</sup>	25 <sup>b/</sup>
Machine gun, cal.50, (H.B.)	23,305 <sup>b/</sup>	1,186 <sup>b/</sup>	53 <sup>b/</sup>	53* <sup>b/</sup>	5 <sup>b/</sup>	5 <sup>b/</sup>
Gun, 37mm, antitank	7,653	439	80	61	6	6
Mortar, 60mm	10,162	2,672 <sup>φ</sup>	100	100	23	26 <sup>φ</sup>
Mortar, 81mm	3,773	615 <sup>φ</sup>	91	91	18	16 <sup>φ</sup>

a/ Included in Infantry Armament. Deliveries not reported separately.

b/ Figures include Armament for Combat Vehicles.

φ Delivered thru May 23.

\* Partly tentative.

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

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

Item	Requirements	Stocks	Percent of requirements						
	2,800,000 Men Number	in hands of Field Service Number	%	0	20	40	60	80	100
<b>Aircraft Armament</b>									
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	51	1						
<b>Combat Vehicles</b>									
Tank, light	4,412	512	12						
Tank, medium	2,666	61	2						
Scout car	3,944	2,678	68						
Personnel carrier, 8-man	7,105	0	0						
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	329	3						
Submachine gun, cal.45	39,000	8,000	21						
Gun, 37mm, tank	7,271	851	12						
Gun, 75mm, tank	2,764	0	0						
<b>Antiaircraft</b>									
Gun, 3"	} 1,766	476	} 27						
Gun, 90mm		0							
Gun, 37mm, A.A.	3,869	350	9						
Machine gun, cal.50 (W.C.)	11,989	829	7						
<b>Artillery</b>									
Gun, 75mm (H.S.)	1,471	596	41						
Howitzer, 75mm, field & pack	258	161	62						
Howitzer, 105mm	3,200	28	1						
Gun, 155mm	751	4	1						
Gun, 155mm (H.S.)	903	144	16						
Howitzer, 155mm (H.S.)	1,783	1,060	59						
<b>Unmodified &amp; other models</b>									
Gun, 75mm	--	2,910	-						
Gun, 155mm	--	825	-						
Howitzer, 155mm	--	989	-						
<b>Infantry Armament</b>									
Rifle, cal.30, M1, semiauto.	1,260,314	173,699	14						
Machine gun, cal.30 (Var.)	96,609	25,058	26						
Machine gun, cal.50 (H.B.)	17,555	1,601	9						
Gun, 37mm, antitank	8,092	649	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 15, 1941

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

Item	Total procurement program (THOUSANDS)	Delivered thru May 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	0	100	100	0	0
Bomb, demo., 100#, 300#, 500#	1,529	26	44	44	2	2
Bomb, demo., 1000#	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	348	3	20	20	1	1
Shot & shell, 20mm	4,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	0.2	59	59	-	-
Flares	748	127	35	35	17	17
Signals	2,057	464	33	33	23	23
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	0	20	20	0	0
Shell, 3" H.E.	2,215	95	51	51	3	4
Shell, 90mm, H.E.	2,761	0	45	45	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	88	86	86	5	6
Shell, g & s, 75mm gun	1,102	6	63	63	1	1
Shot, A.P., 75mm gun	2,752	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	206	91	91	5	5
Shell, H.E., 105mm how.	10,422	58	23	23	1	1
Shell, H.E., 155mm gun, ML	401	0	59	59	0	0
Charge, prop., 155mm gun	446	82	93	93	15	18
Shell, H.E., 155mm how.	4,294	5	52	52	-	-
Shell, g & s, 155mm how.	1,223	173	38	38	14	14
Charge, prop., 155mm how.	5,753	603	60	60	10	10
Primer, 21 gr.	6,653	299	35	35	4	4
Fuzes (All)	9,988	3,131	99	99	31	31
<u>Infantry</u>						
Cartridge, cal.30	2,943,242	330,748 <sup>ϕ</sup>	100	100*	10	11 <sup>ϕ</sup>
Links, met. belt, cal.30	1,003,322	76,568	42	42	8	8
Cartridge, cal.45	606,476	80,921	81	81	12	13
Cartridge, cal.50	863,951	41,309 <sup>ϕ</sup>	77	77*	5	5 <sup>ϕ</sup>
Links, met. belt, cal.50	2,451,536	34,225	70	26	1	1
Shot & shell, 37mm	22,188	113	16	16	1	1
Shell, H.E., 60mm	8,882	18	26	26	-	-
Shell, H.E., 81mm	2,965	97	12	12	3	3
Shell, smoke, 81mm	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	71	100	100	0	5
Signal, ground	3,215	165	51	51	7	5
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative

<sup>ϕ</sup> Delivered thru May 23.

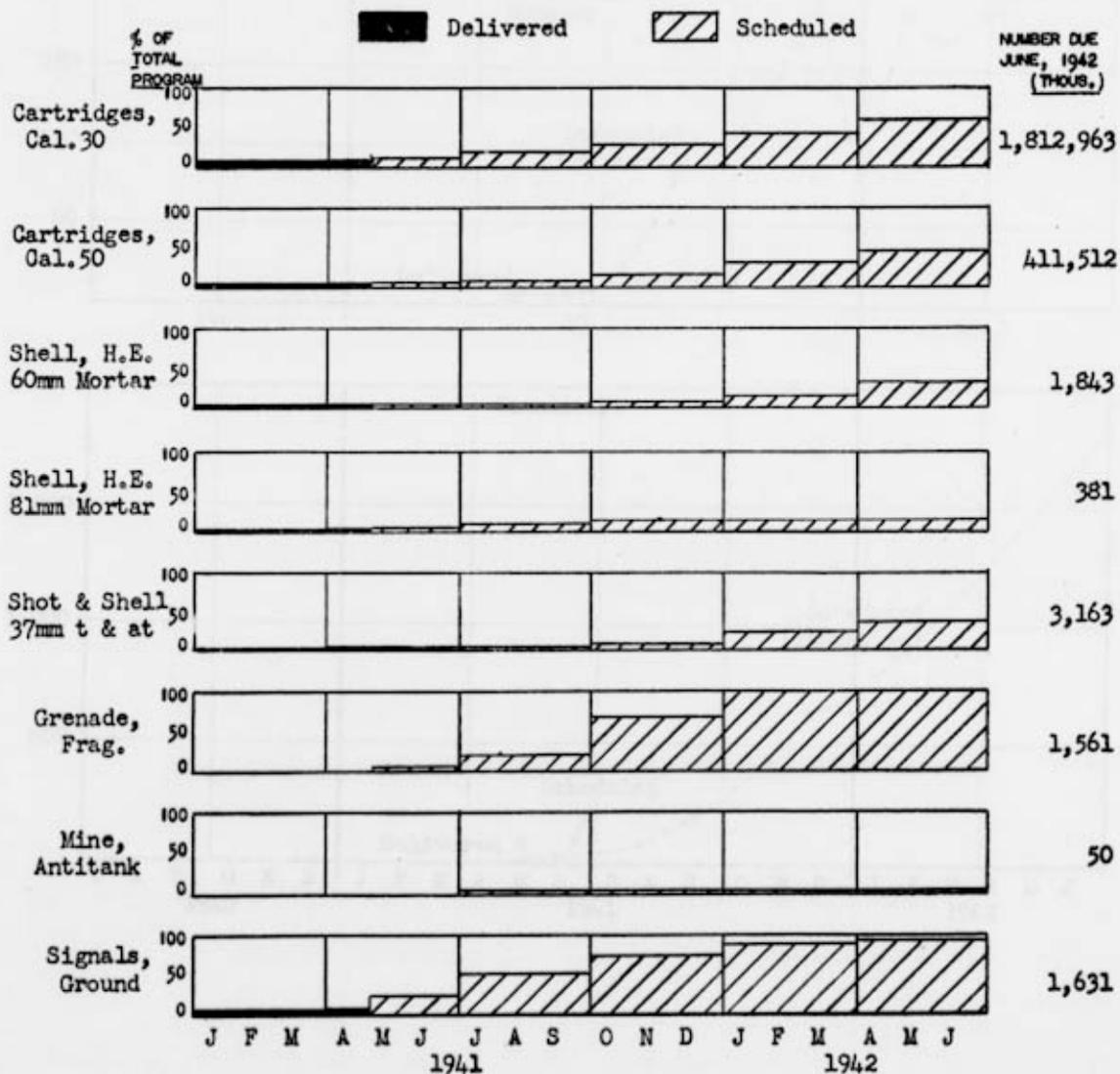
AMMUNITION - SMALL ARMS & MISCELLANEOUS - MAY 15, 1941

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

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

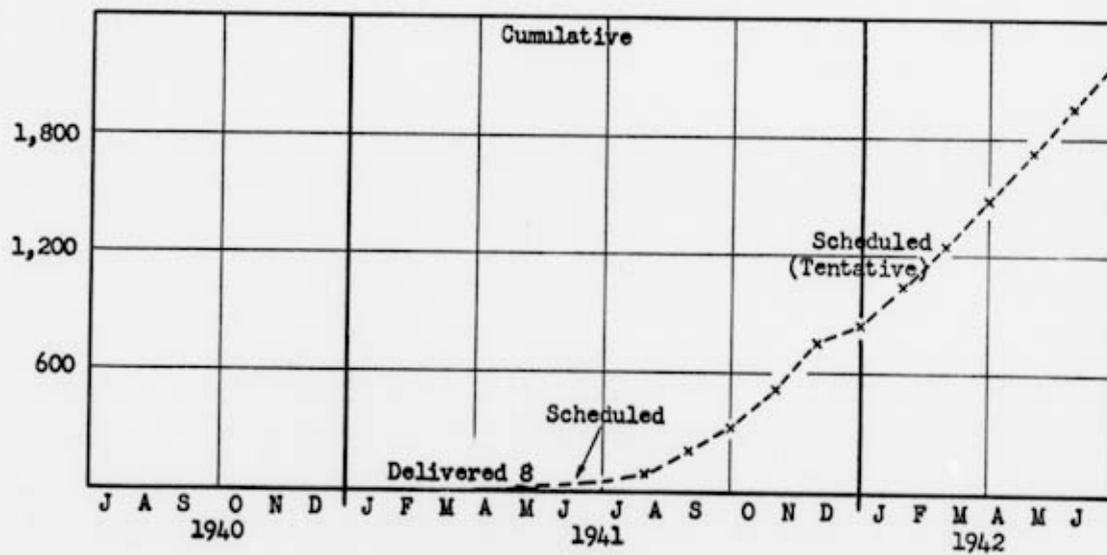
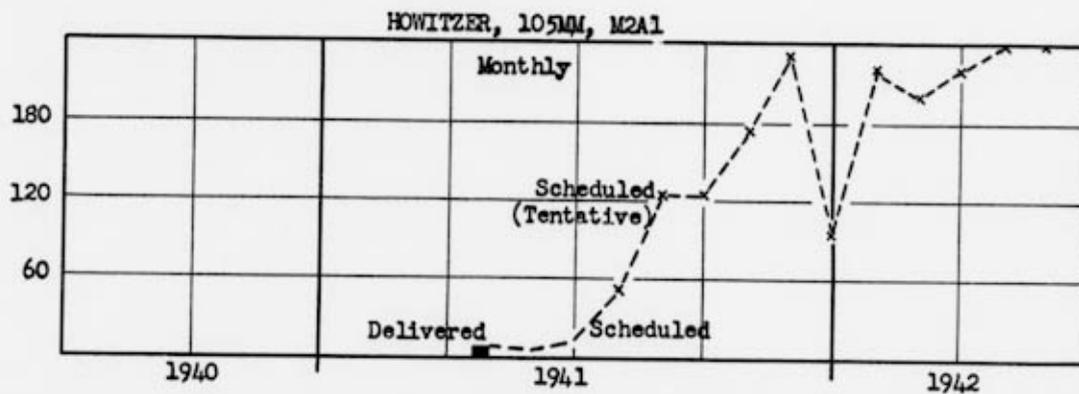
C U M U L A T I V E

EXCLUDING FIFTH SUPPLEMENTAL



FIELD ARTILLERY - 105MM HOWITZER, MAY 15, 1941

Source of Information: Production Branch, Ordnance Department



NEW FACILITIES - PROGRESS AS OF MAY 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	-							57						
Flint	-							83						
Dayton	-							55						
Syracuse	-							66						
Savage Arms Company	-							39						
Colt (Machine Gun)	-							60						
Detroit Ord. Plant	96							75						
Disston & Sons	100							70						
Mesta Machine Co.	-							75						
Colt (37mm Gun)	-							47						
Bendix Aviation Corp.	90							95						

Facility	Location	Planned Capacity (Monthly)	Estimated Cost April 30, 1941		Estimated Month	
			Total (thous)	% Obligated	Initial Production	Completion of Plant
<u>Machine Gun</u>						
General Motors Corp.	Saginaw, Mich.	1,680	\$20,251	81	4-41	} 12-41 *
	Flint, Mich.	2,100			5-41	
	Dayton, Ohio	2,100			6-41	
	Syracuse, N. Y.	840			8-41	
Savage Arms Co.	Utica, N. Y.	3,200	16,717	77	7-41	9-41 *
Colt Patent F.A. Co.	Hartford, Conn.	3,800	4,621	71	-	1-42 *
<u>Tank</u>						
Detroit Ord. Plant	Detroit, Mich.	100	18,131	88	7-41	5-41
<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	5-41 *
<u>37mm Gun</u>						
Colt Patent F.A. Co.	Hartford, Conn.	200	4,010	82	-	3-42 *
<u>20mm Gun</u>						
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	-	4-41	3-41

\* Plant equipment only.

Ordnance

NEW FACILITIES - PROGRESS AS OF MAY 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Radford Ord. Works	74						73						
Indiana Ord. Works	64						57						
Alabama Ord. Works	0	Not started					0						
Kankakee Ord. Works	35						40						
Weldon Spring Ord. Wks.	28						10						
Plum Brook Ord. Works	0	Not started					0						
Baytown Ord. Works	45						49						
Morgantown Ord. Works	16						13						
Ohio River Ord. Plant	0						0						
T. V. A.	-	Started					-						

Facility	Location	Planned Capacity Monthly (thous.-tons)	Estimated Cost April 30, 1941		Estimated Month	
			Total (thous)	% Obligated	Initial Production	Completion of Plant
<u>Smokeless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$52,500	66	3-41	9-41
Indiana Ord. Works	Charlestown, Ind.	7.8	91,200	86	4-41	12-41
Alabama Ord. Works	Childersburg, Ala.	3.8	49,453	8	5-42	4-42
<u>T.N.T. &amp; D.N.T.</u>						
Kankakee Ord. Works	Wilmington, Ill.	7.7	43,162	70	5-41	12-41
Weldon Spring Ord. Wks	Weldon Spring, Mo.	3.3	19,493	42	10-41	9-41
Plum Brook Ord. Works	Sandusky, Ohio	3.1	11,831	22	11-41	2-42
<u>Toluol</u>						
Baytown Ord. Works	Baytown, Texas	2,446*	11,987	53	7-41	9-41
<u>Ammonia</u>						
Morgantown Ord. Works	Morgantown, W. Va.	8.1	20,072	71	11-41	5-42
Ohio River Ord. Plant	W. Henderson, Ky.	4.5	13,609	-	-	8-42
T. V. A.	Muscle Shoals, Ala.	4.5	---	-	11-41	2-42
<u>Ammonium Nitrate</u>						
T.V.A.	Muscle Shoals, Ala.	9.0	6,500	-	7-41	3-42

\* Gallons.

NEW FACILITIES - PROGRESS AS OF MAY 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
Hoosier Ord. Plant	6							0						
New River Ord. Plant	11							1						
Coosa River Ord. Plant	0	Not started					0							
Gadsden Ord. Plant	55							49						
Elwood Ord. Plant	42							27						
Ravenna Ord. Plant	38							12						
Kingsbury Ord. Plant	41							2						
Iowa Ord. Plant	30							15						
Wolf Creek Ord. Plant	28							8						
St. Louis Ord. Plant	4							0						
Lake City Ord. Plant	17							0						
Denver Ord. Plant	14							0						

Facility	Location	Planned Capacity Monthly (thousands)	Estimated Cost April 30, 1941		Estimated Month	
			Total (thous)	% Obligated	Initial Production	Completion of Plant
<u>Bag Loading</u>						
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$20,382	18	-	9-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,928	29	-	9-41
Coosa River Ord. Plant	Childersburg, Ala.	2.7 Tons	11,736	-	-	11-41
<u>Shell Mach. &amp; Forging</u>						
Gadsden Ord. Plant	Gadsden, Ala.	210	6,139	66	9-41	12-41
<u>Shell Loading</u>						
Elwood Ord. Plant	Wilmington, Ill.	3 Lines	24,395	79	7-41	9-41
Ravenna Ord. Plant	Ravenna, Ohio	3 Lines	32,125	68	7-41	1-42
Kingsbury Ord. Plant	LaPorte, Ind.	5 Lines	24,071	45	7-41	11-41
Iowa Ord. Plant	Middletown, Ia.	3 Lines	29,355	43	7-41	11-41
Wolf Creek Ord. Plant	Milan, Tenn.	4 Lines	19,865	50	-	12-41
<u>Small Arms Ammunition</u>						
St. Louis Ord. Plant	St. Louis, Mo.	80,000 Rds.	30,421	44	7-41	9-41
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	21,297	75	6-41	9-41
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	27,952	41	8-41	9-41

TEXT SUMMARY - LOCKHEED PRODUCTION - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

On the three pages of diagrams which follow, an analysis has been made of the production of the Lockheed Aircraft Corporation. This company has been consistently behind contract schedule in its deliveries to the Army. A very realistic examination of its production accordingly appeared necessary since practically the entire Army pursuit-fighter program is centered in Lockheed. This examination was further necessary since Allison anticipates being able to meet Lockheed Army installation requirements, and any bottleneck in that direction appears removed.

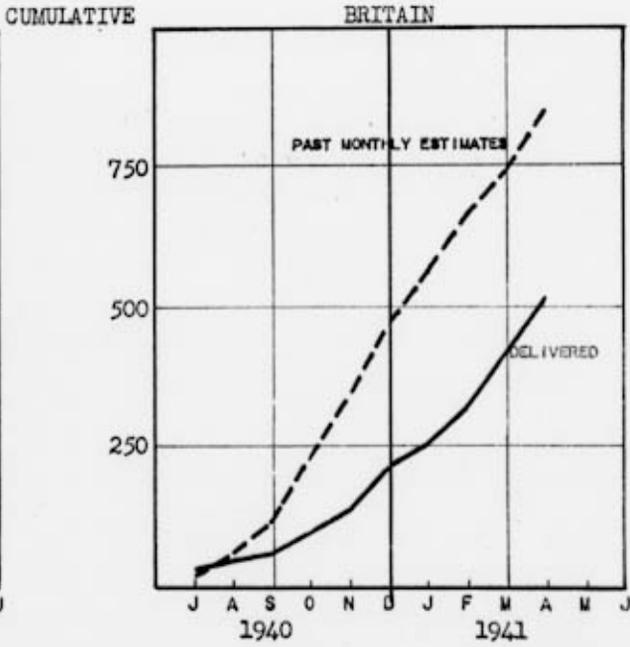
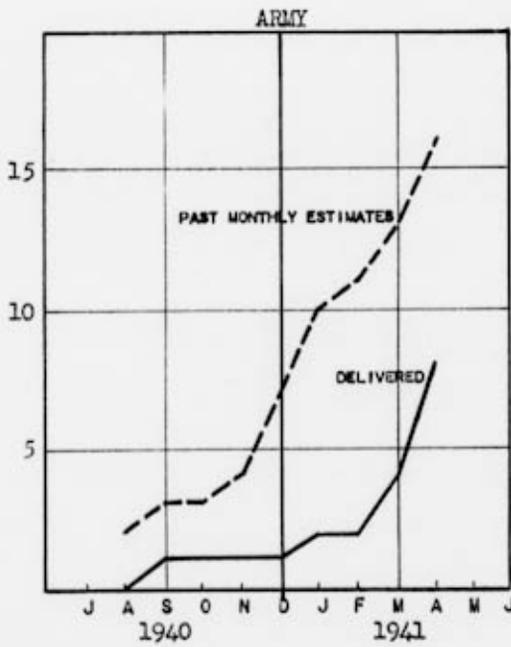
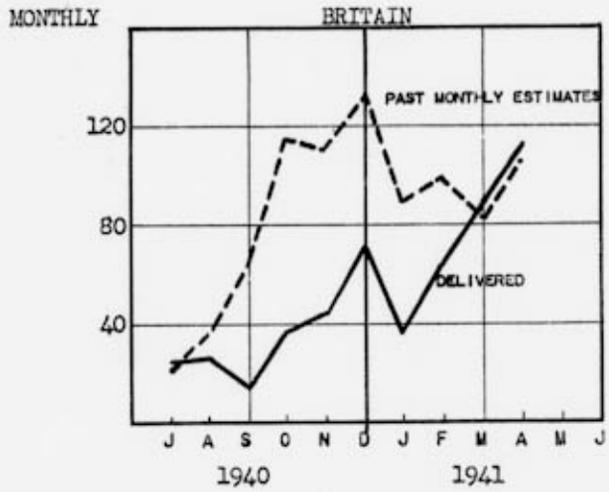
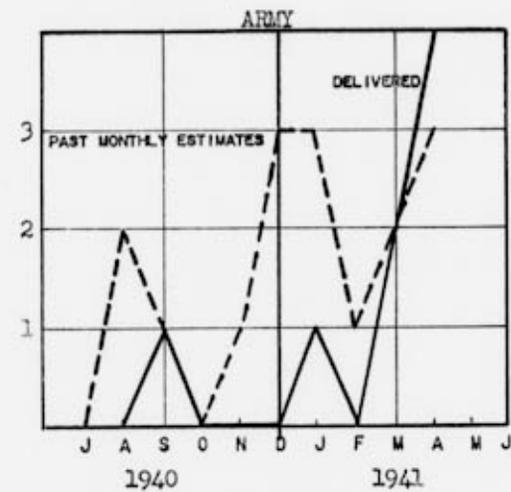
Lockheed began F.Y. 1941 with 663,112 square feet of productive floor space and has increased in size since then by 110,608 square feet so that it had 773,720 square feet as of April 30, 1941. At the beginning of F.Y. 1941, Lockheed had 5,441 productive employees and since then increased its productive personnel by 9,441 to reach a total of 14,882 men as of April 30, 1941. This rapid expansion, particularly in personnel, has resulted in the accumulation of organizational difficulties at Lockheed, and this factor has been continually reported as a principal deterrent to Lockheed production. The lessons and experience of the past several months, however, have done much to adjust this difficulty. Correction of this situation was imperative if Lockheed was ever to start overcoming its manufacturing failures, outstanding of which have been difficulty with cooling in the engine compartment and generally poor oil cooling characteristics in its planes.

The first two pages of diagrams which follow show, on a monthly and cumulative basis, the contrast between actual deliveries made by Lockheed and their month to month estimate on production, i.e., the estimate plotted for July 1940 is the one made by Lockheed as of June 30, 1940, and the estimate for August 1940 is the one made by Lockheed as of July 31, 1940, and so forth. This estimate is accordingly made squarely in the face of all current difficulties before the company, and it should be possible to gage the past reliability of the company by contrasting the estimates with performance. Requests for design changes, necessity for expanding facilities, personnel problems, shortages of necessary equipment, and like difficulties were all before the company when it made these estimates. The month to month estimate is, therefore, a more realistic gage for the effectiveness of past production than contract schedules which quickly become outmoded in the flux of this present national emergency.

The diagrams on pages 17 and 18 contrast estimates for individual customers with actual production. As of April 30, it appears Lockheed's estimates are finally getting in line with what it is capable of producing. The cumulative diagrams are interesting because they reflect the overall error in the monthly estimates and show what Lockheed production would have been had its estimates been accurate.

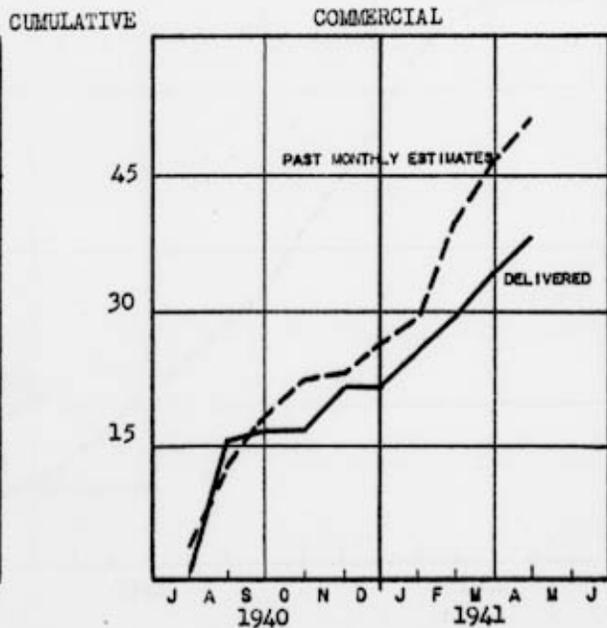
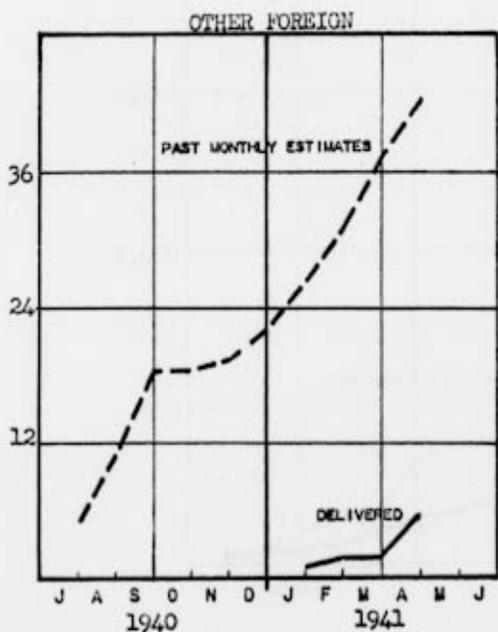
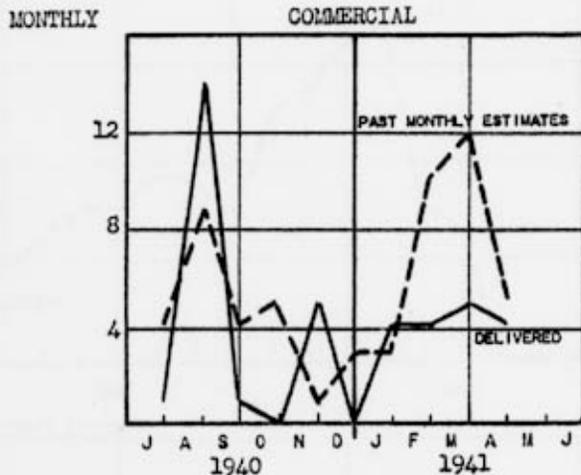
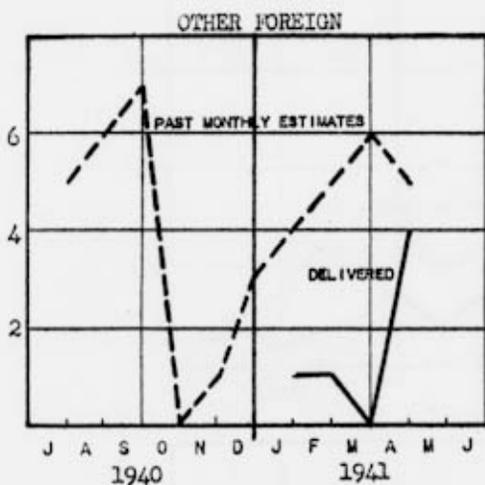
LOCKHEED - MONTH TO MONTH ESTIMATES AND DELIVERIES - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



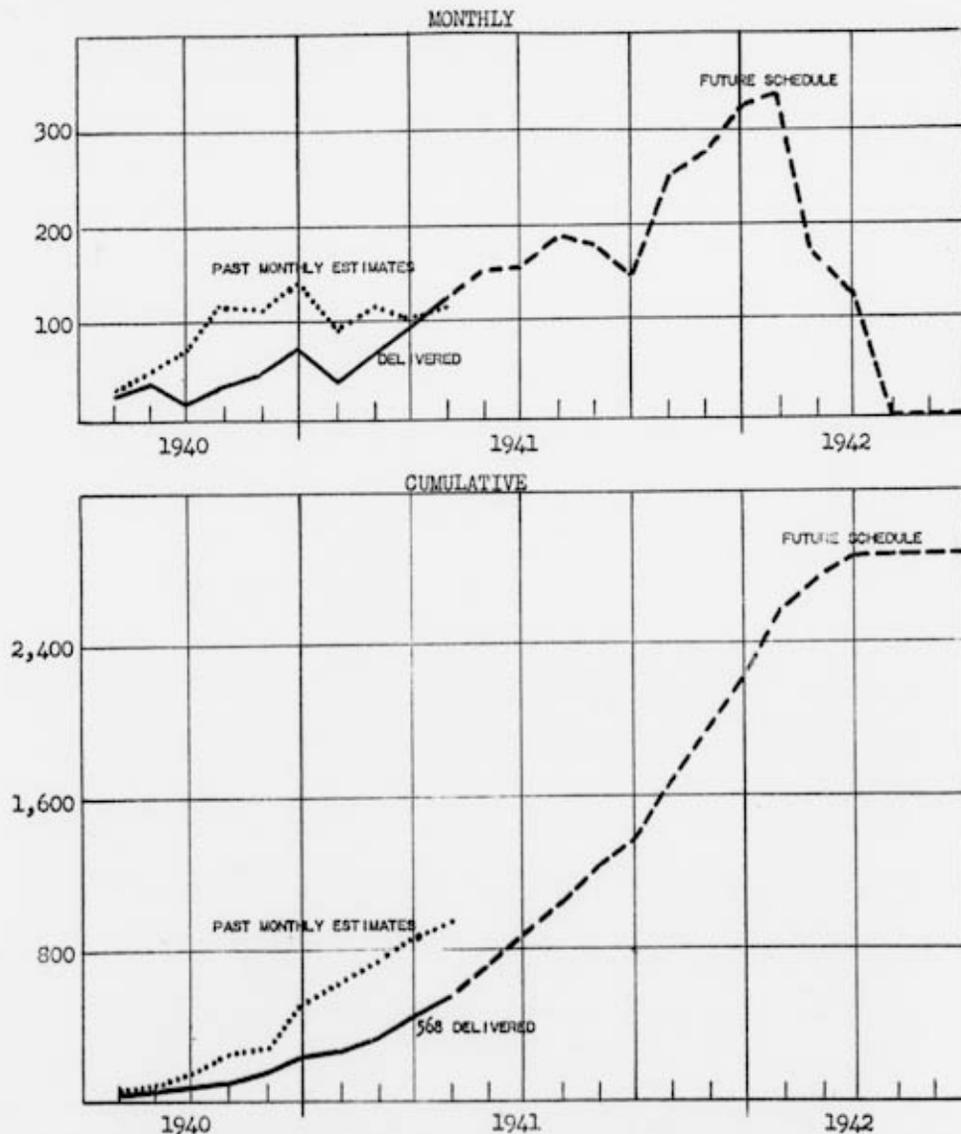
LOCKHEED - MONTH TO MONTH ESTIMATES AND DELIVERIES - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



LOCKHEED - TOTAL PAST ESTIMATES, DELIVERIES & FUTURE SCHEDULES\* - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



\* Small Navy contracts not included.

TABULAR SUMMARY - F.Y. 1941 AWARDS - MAY 24, 1941

Source of Information: Weekly Progress Report, O.U.S.W., May 28, 1941

Note: This table considers only awards for Air Corps equipment and facilities.

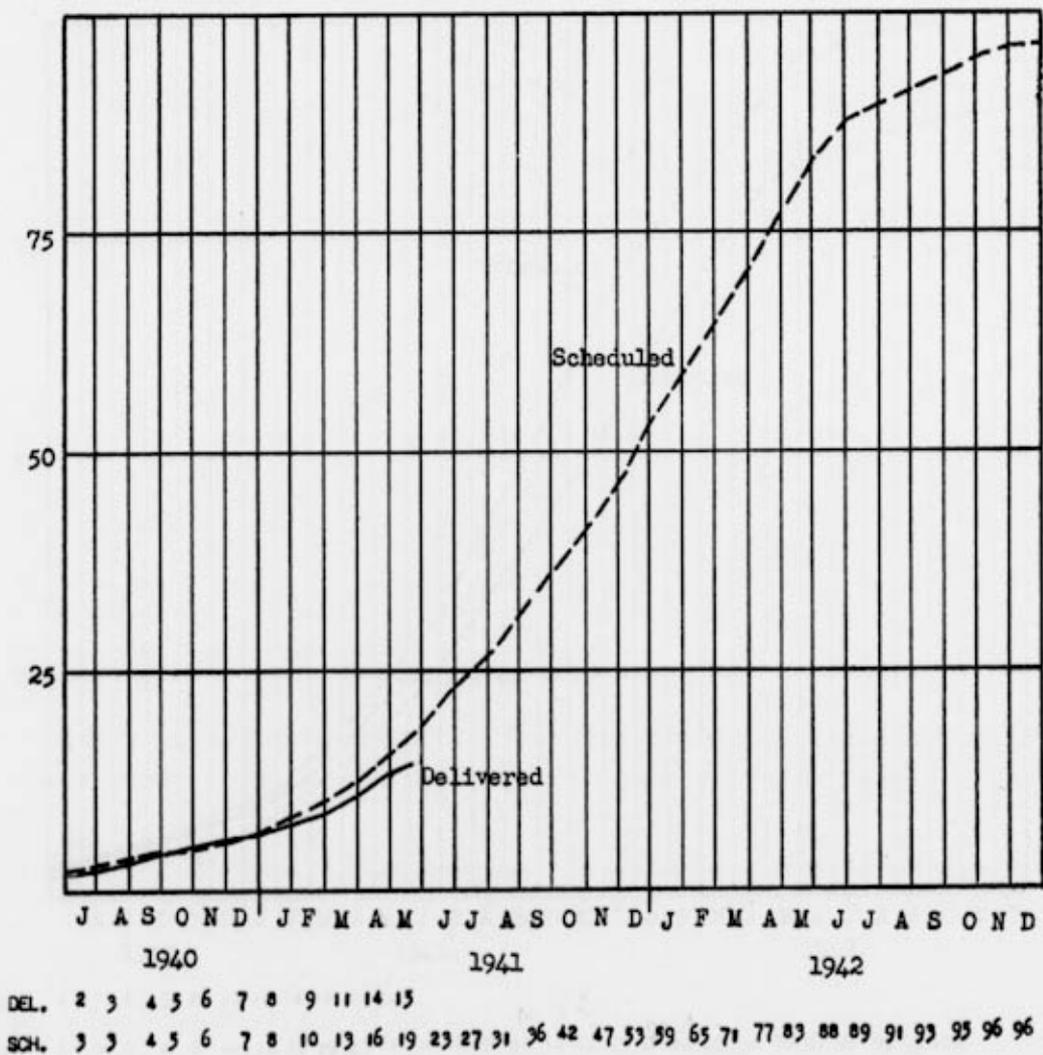
Item	Amount Obligated	Percent of Total Obligated
Special Machinery	\$ 38,394,770.00	1.7
Miscellaneous Equipment	78,866,099.00	3.4
New Airplanes & Engines including Government Furnished Equipment	1,693,755,675.00	73.3
Spare Engines	181,343,951.00	7.8
Spare Parts, Airplane & Engine	213,026,537.00	9.2
Parachutes & Flying Equipment	17,086,248.00	.7
Expediting Production & Speed-Up	90,220,998.00	3.9
Obligated - May 24, 1941	2,312,694,278.00	100.0
Obligated - May 17, 1941	-2,280,133,758.00	
Obligated - past week	\$ 32,560,520.00	

INDEX OF AIRPLANE PROCUREMENT - MAY 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

This index reflects the percentage completion of the current airplane procurement program which consists of contracts current June 30, 1940 plus all subsequently financed programs. About 81% of the program is under contract and scheduled.

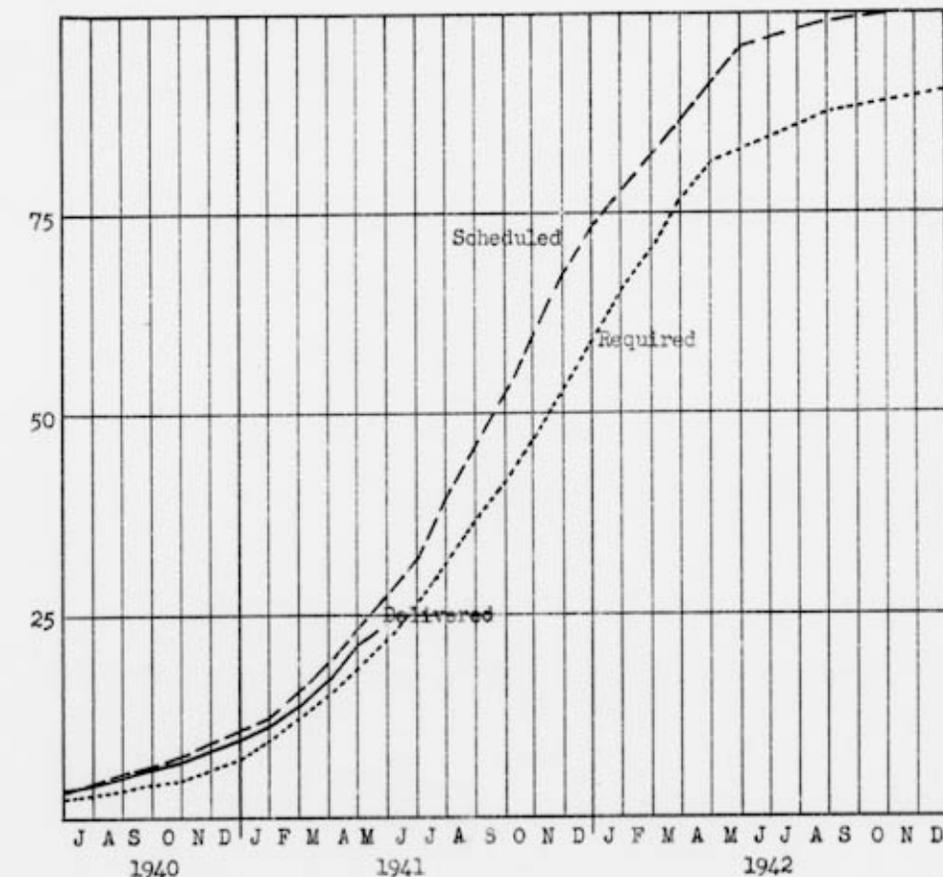
The index is a compilation of 72 individual contracts covering 26,130 units for all of which contract schedules are available.



INDEX OF AIRPLANE INSTALLATION ENGINE PROCUREMENT - MAY 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

This index reflects the percentage completion of the current installation engine procurement which consists of matching contracts for all airframe contracts still current June 30, 1940, plus all subsequently financed programs. About 65% of the program is under contract and scheduled. The index is a compilation of 42 individual contracts covering 32,565 installation units. For 20,587 units, contract schedules were used; for 11,978 units, Materiel Division estimates were used. There is also shown an index of engine production necessary to meet installation requirements of the airframes. Required engine production is based on a two-month advance over the airframe schedule.



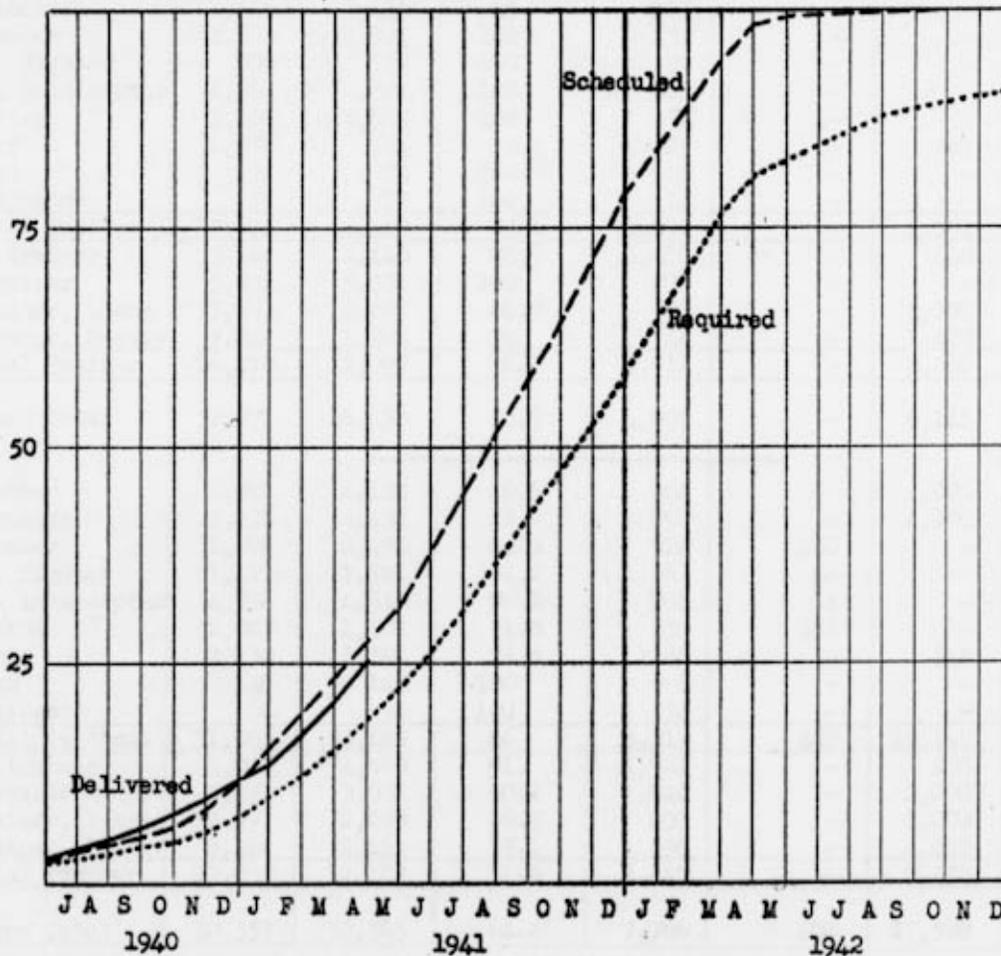
DEL. 4 5 6 7 8 10 11 14 18 21 24

SCH. 4 6 6 8 9 11 13 16 19 23 28 34 40 46 53 59 67 73 78 82 86 91 96 97 98 99 99 100

INDEX OF INSTALLATION PROPELLER PROCUREMENT - APRIL 30, 1940

Source of Information: Consolidated Statistical Report - Air Corps

This index reflects the percentage completion of the current installation propeller procurement program which consists of matching contracts for all airframe contracts still current June 30, 1940, plus all subsequently financed programs. About 62% of the program is under contract and scheduled. The index is a compilation of 44 individual contracts, covering 31,098 installation units. For 13,939 units, contract schedules were used; for 13,619 units, Materiel Division estimates were used; and for 3540 units, schedules computed by the Statistics Branch, QUSW. There is also shown an index of propeller production necessary to meet installation requirements of the airframes. Required propeller production is based on a two-month advance over the airframe schedule.



DEL. 4 5 6 8 9 12 14 17 21 25

SCH. 4 5 5 7 9 12 16 19 23 28 32 36 45 51 58 65 72 79 85 90 94 96 99 99 99 99 99 100

TABULAR SUMMARY - AIR CORPS PROCUREMENT - MAY 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 5/23/41	Pending (less awards)		Proposed 12,000 program (b)
					F.Y. 1941 "B" programs	10,375 Fifth Supp.	
<u>Airplanes</u>							
Heavy bomber	2,246	2,246	100	81	-	-	800
Medium bomber	4,616	2,216	48	121	-	2,400	1,200
Light bomber	1,382	1,382	100	131	-	-	1,000
Pursuit, fighter	709	709	100	21	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	663	-	-	4,850
Observation	1,308	1,308	100	38	-	-	-
Transport	1,055	794	75.6	25	-	261	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	15,801	13,140	83.1	1,094	-	2,661	9,240
<u>Trainers</u>							
Primary trainer	5,040	4,440	88.1	1,489	-	600	900
Basic trainer	5,051	5,051	100	879	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	500	-	1,000	360
Adv. trainer, 2-eng.	3,082	1,202	39	44	-	1,880	600
Total Trainer	16,470	12,990	78.9	2,912	-	3,480	2,760
Grand Total	32,271	26,130	80.9	4,006	-	6,141	12,000
<u>Engines</u>							
Heavy bomber	8,988	4,188	46.6	964	-	4,800	3,200
Medium bomber	9,232	4,432	48	596	-	4,800	2,400
Light bomber	2,576	2,436	94.6	520	140	-	2,000
Pursuit, fighter	1,420	1,394	98.2	61	26	-	2,300
Pursuit, interceptor	4,394	4,340	98.8	708	54	-	4,850
Observation	2,083	1,901	91.3	350	182	-	-
Transport	2,130	1,590	74.6	86	-	540	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	31,005	20,463	66	3,319	402	10,140	15,230
<u>Trainers</u>							
Primary trainer	5,040	4,590	91	1,924	-	450	900
Basic trainer	5,051	3,051	60.4	1,046	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	839	-	1,000	360
Adv. trainer, 2-eng.	6,164	2,164	35.1	638	-	4,000	1,200
Total Trainer	19,552	12,102	61.9	4,447	-	7,450	3,360
Grand Total	50,557	32,565	64.4	7,766	402	17,590	18,590

- (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 authorized - not included in current program column.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - May 28, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of May 15, 1941, contract awards have been made on 131 of 134 critical and essential quartermaster items. Of the total programs of the 131 items, an average of eighty-nine percent has been contracted and an average of sixty-five 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 May 17, 1941 amounted to 9 million, of which 5 million were for clothing and equipage, 1½ million for new construction of military posts, and 1½ million for land acquisition.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended May 15, 1941 include:

Cap, H. B. T.	Hat, service, o.d.
Case, dispatch canvas	Jacket, H. B. T.
Cloth, cotton, khaki	Shirt, wool
Coat, working, denim	Stove, tent
Drawers, cotton, short	Trousers, H. B. T.

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 15, 1941, deliveries were effected on all but 48 of the 134 items; of these, 16 items have been completely procured; 19 are on schedule; 8 have no current schedule, and 5 are behind schedule.

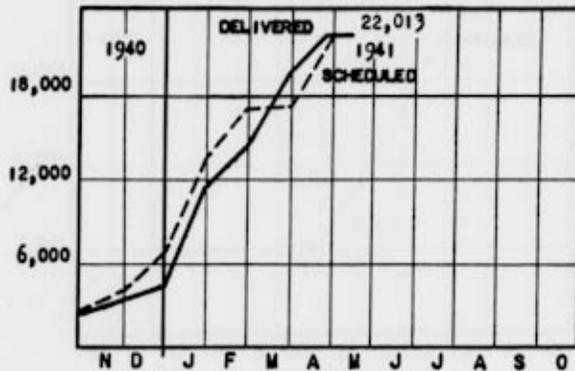
SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 83 are on or ahead of schedule; 9 have no current schedule; 42 are behind schedule. Items currently more than 20% delinquent and also behind March 31 schedules are:

Chest, supply, pack	(84%)	Tent, assembly	(34%)
Bag, canteen	(63%)	Goggles	(25%)
Can, milk	(51%)	Roll, bedding, w/proof	(23%)
Scabbard, subMG, cal.45	(44%)	Cloth, cotton, w/w res.	(23%)
Tent, storage	(39%)	Saddle, Phillips, cargo	(21%)

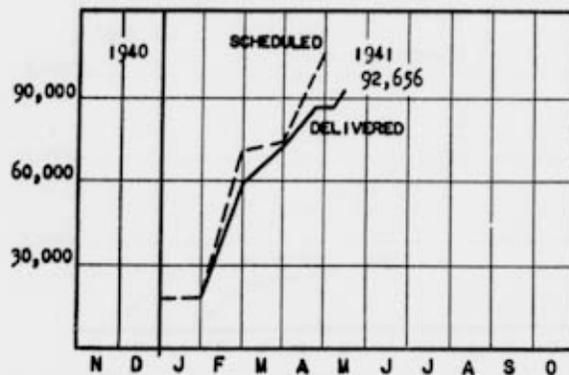
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 15, 1941

Source of Information: Statistics Branch, OQMG

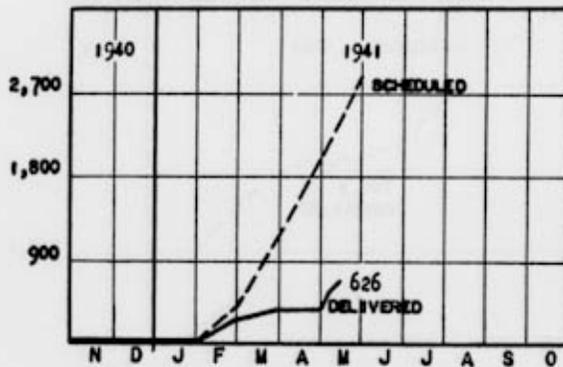
Bag, water, sterilizing. Program-25754



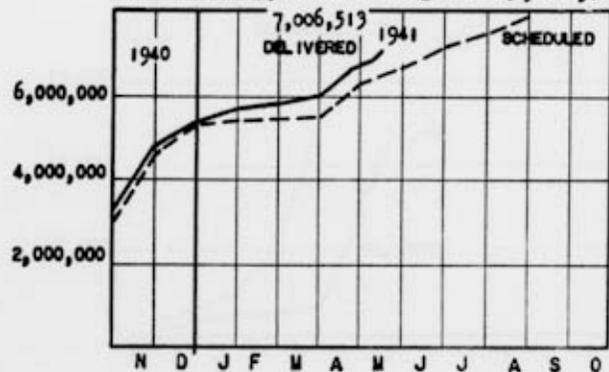
Belt, suspenders, M36. Program-106,256



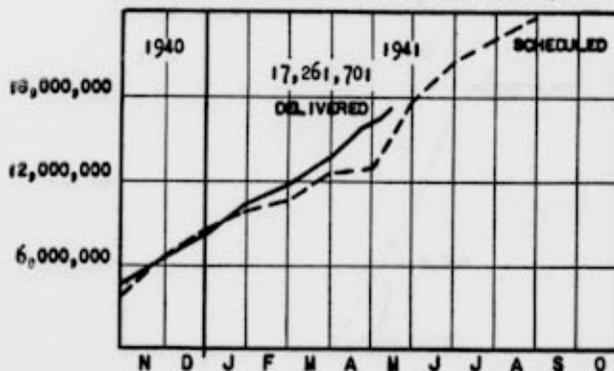
Tent, storage. Program - 3,543



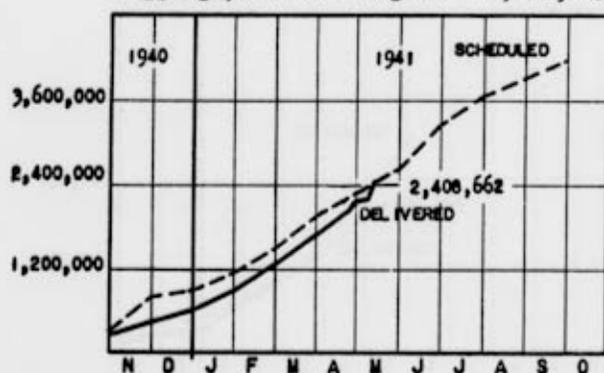
Overcoating, 32 oz. Program- 23,676,969



Cloth, wool, 18 oz. Program-23,678,304



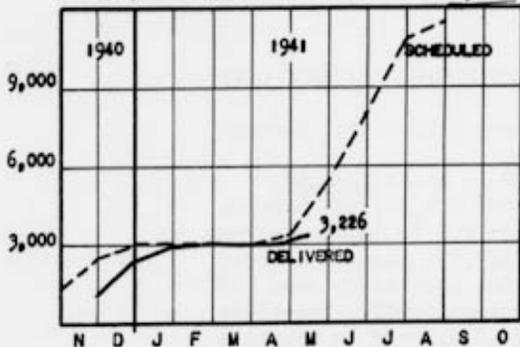
Leggings, dismtd. Program - 4,139,743



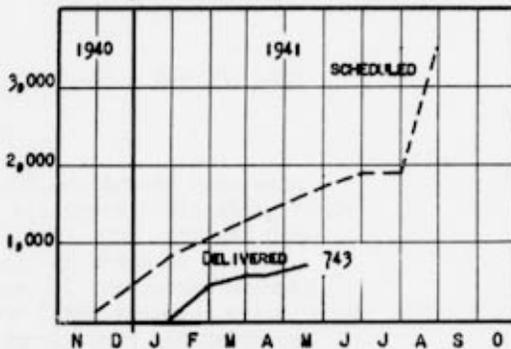
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 15, 1941

Source of Information: Statistics Branch, OQMG

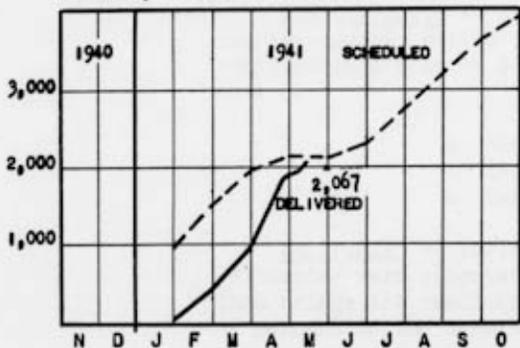
Range, field, M1937. Program - 11,500



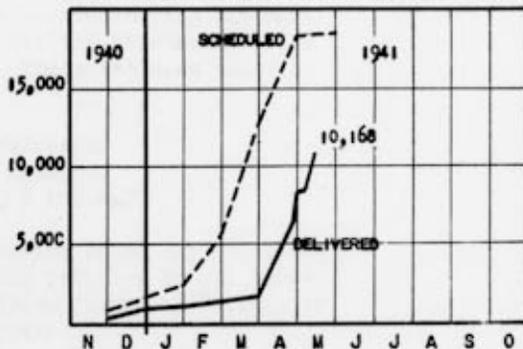
Saddle, Phillips, pack. Program - 3,500



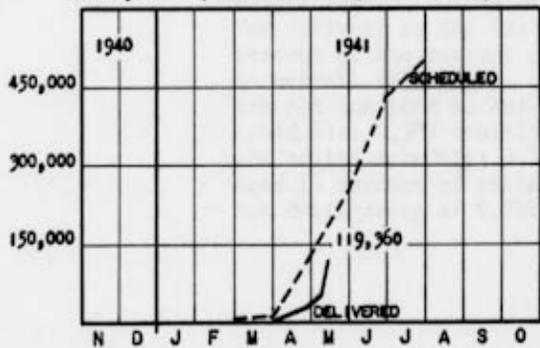
Saddle, Cavalry. Program - 5,828



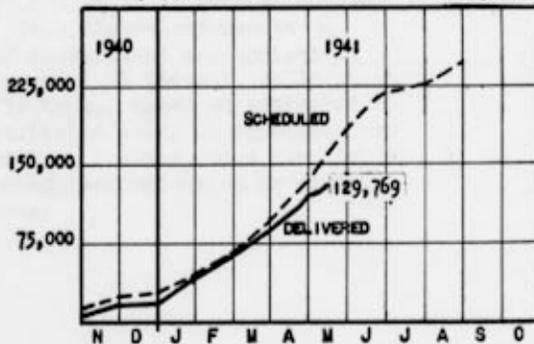
Scabbard, subMG, cal. 45. Program - 18,338



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



Tent, pyramidal. Program - 355,853



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - May 23, 1941

Source: Statistics Branch, OCMG

GENERAL -- As of May 23, 1941, contracts have been awarded for 174,572 vehicles of all types, obligating funds to the extent of 225 million dollars. The combined programs now total 175,964 vehicles, of which 99 percent has been contracted and 51 percent of contracted amounts delivered. These amounts include 7,874 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 8 vehicles at a cost of \$6,110. These vehicles consist of:

- 1 Sedan, 5-Passenger
- 1 Sedan, 8-Passenger
- 6 Carryalls,  $\frac{1}{2}$  ton 4x2

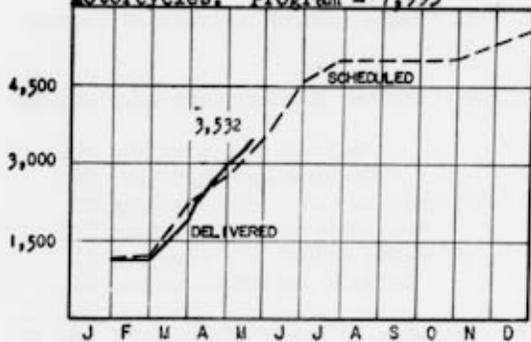
DELIVERIES -- During the period ended May 23, 1941, deliveries were reported on 4,932 vehicles of all types. This brings the cumulative delivery figure to 89,222, or 51 percent of the combined programs.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 95,434 vehicles were scheduled for delivery by May 23, 1941. This figure represents 54 percent of the current proposed procurement and indicates an overall delinquency of 3 percent. In general, delinquencies are not confined to any specific type. Based on estimated schedules, 9,387 vehicles, distributed among 14 manufacturers are behind schedule; 3,175 vehicles, however, have been delivered in advance of estimated schedules, producing an overall net delinquency of 6,212 vehicles.

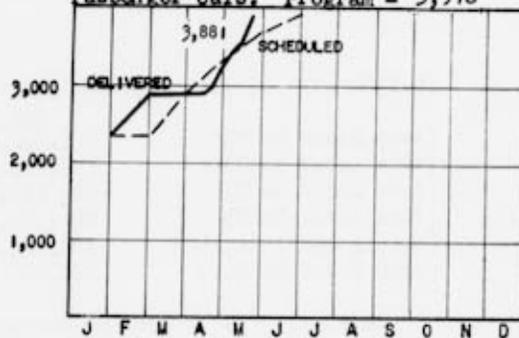
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - MAY 23, 1941

Source of Information: Statistics Branch, OQMG

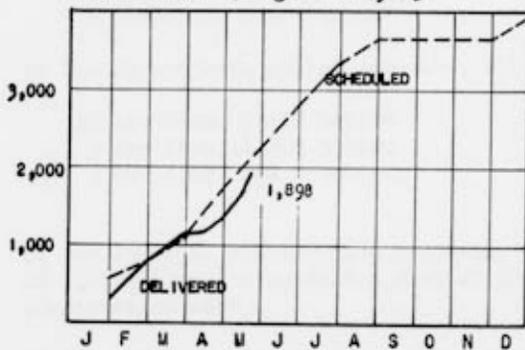
Motorcycles. Program - 7,993



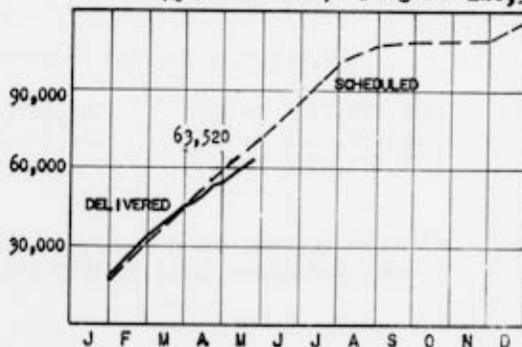
Passenger Cars. Program - 3,978



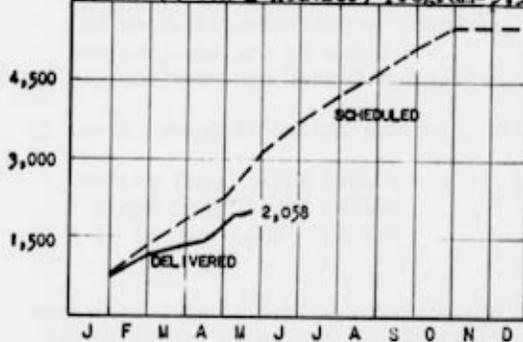
Ambulances. Program - 4,113



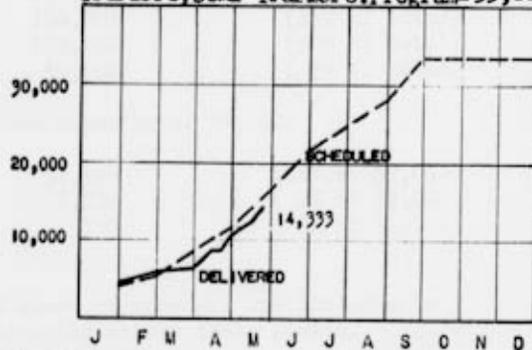
Trucks (1/2-3 ton incl). Program-120,315



Trucks (4-ton & Heavier) Program-5,589



Trailers, Semi-Trailers. Program-33,882



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - May 10, 1941

Source: Statistics Branch, OQMG - OUSW

Of 290 Q.M. construction projects, with a total estimated cost of \$1,377,900,443:

	<u>Cost</u>	
275 projects are started	\$1,345,345,550	(98% of total cost)
67 projects are completed	103,159,933	( 8% of total cost)
27 projects are ahead of schedule	177,513,666	(13% of total cost)
158 projects are on schedule*	941,101,390	(68% of total cost)
23 projects are behind schedule	123,570,561	( 9% of total cost)
15 projects are not started	32,554,893	( 2% of total cost)

Of the 27 projects ahead of schedule, with an estimated cost of \$177,513,666:

15 are from 5-10% ahead	\$108,632,263	(62% of \$177,513,666)
6 are from 11-20% ahead	46,855,999	(26% of \$177,513,666)
6 are over 20% ahead	22,025,404	(12% of \$177,513,666)

Of the 23 projects behind schedule, with an estimated cost of \$123,570,561:

17 are from 5-10% behind	\$88,787,520	(72% of \$123,570,561)
3 are from 11-20% behind	15,691,162	(13% of \$123,570,561)
3 are over 20% behind	19,091,879	(15% of \$123,570,561)

Of the 290 Q.M. construction projects, 201 (69%) provide a troop housing capacity of 1,276,842 at an estimated cost of \$806,184,872 (58% of total estimated Q.M. construction cost).

Of the 201 projects providing troop housing:

	<u>Capacity</u>	
199 projects are started	1,276,802	(99% of total)
60 projects are completed	298,612	(23% of total)
18 projects are ahead of schedule	166,702	(13% of total)
108 projects are on schedule*	752,486	(59% of total)
13 projects are behind schedule	59,002	( 5% of total)

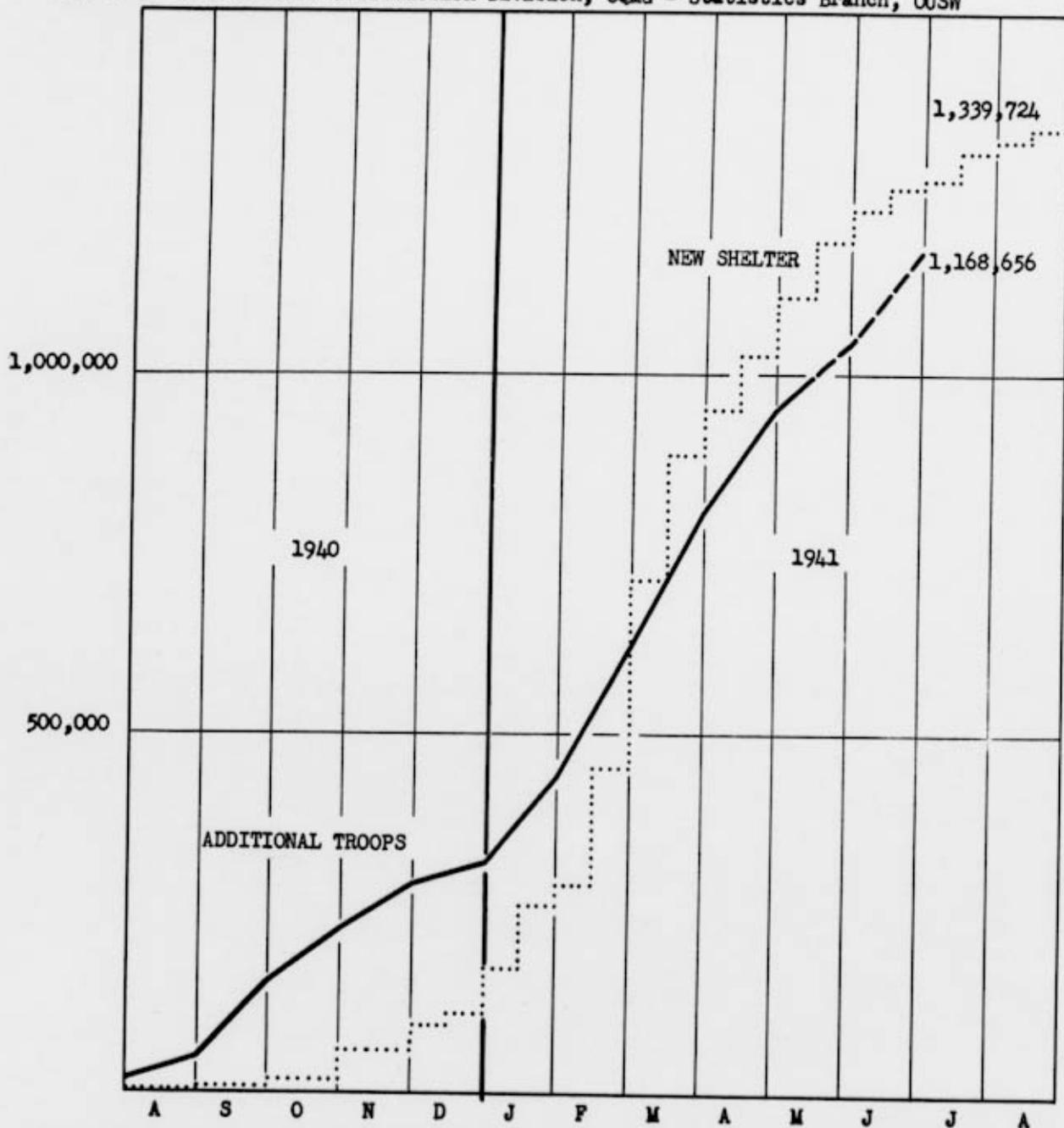
Of the 13 projects behind schedule, with a troop capacity of 59,002:

10 are from 5-10% behind	57,595	(98% of 59,002)
2 are from 11-20% behind	1,210	( 2% of 59,002)
1 is over 20% behind	197	( 0% of 59,002)

\*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 - ESTIMATED STATUS OF TROOP HOUSING\* - May 17, 1941

Source of Information: Construction Division, OQMG - Statistics Branch, OUSW



\* Includes projects to be completed by Corps of Engineers

Quartermaster Corps

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - May 24, 1941

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

GENERAL - The Signal Corps now has under contract all 70 critical items of equipment approved for purchase on the F.Y. 1941 procurement program (excluding the Fifth Supplemental program).

During the week ended May 24, deliveries were received on 25 of these items and one contract was completed. Present schedules call for peak deliveries in the months of May, June, July, August and September of this year, although deliveries of several important items will not peak until later in the year.

Twenty critical items are behind scheduled deliveries, one having been eliminated from the delinquency list during the past week. The remaining items are either on or ahead of schedules. While delinquencies persist, in some cases quantities behind schedule have been reduced considerably by deliveries received during the past two weeks. The most notable cause of delinquencies is a shortage of raw materials, principally aluminum and brass. A shortage of minor parts or accessories is holding up delivery of some important items, the major components of which have been delivered according to schedule.

The Fifth Supplemental program, approved on April 5 and revised April 29, increases quantities of critical items to be procured and also includes several new items of equipment recently standardized. Among these are three new FM vehicular radio sets, which will replace, to a major extent, sets previously used in light and medium tanks, and a new radio direction finder.

Due to changes in aircraft procurement under the Fifth Supplemental program, it was necessary to revise the aircraft signal equipment program of the Signal Corps. This revision has been completed and purchase of several items has been initiated. Awarding of the major portion of these contracts must await completion of necessary purchase details. It appears probable that a radical change in scheduled delivery peaks will follow letting of large contracts under this program. No new items of aircraft equipment were added, although the new program includes signal equipment for 8,875 additional aircraft.

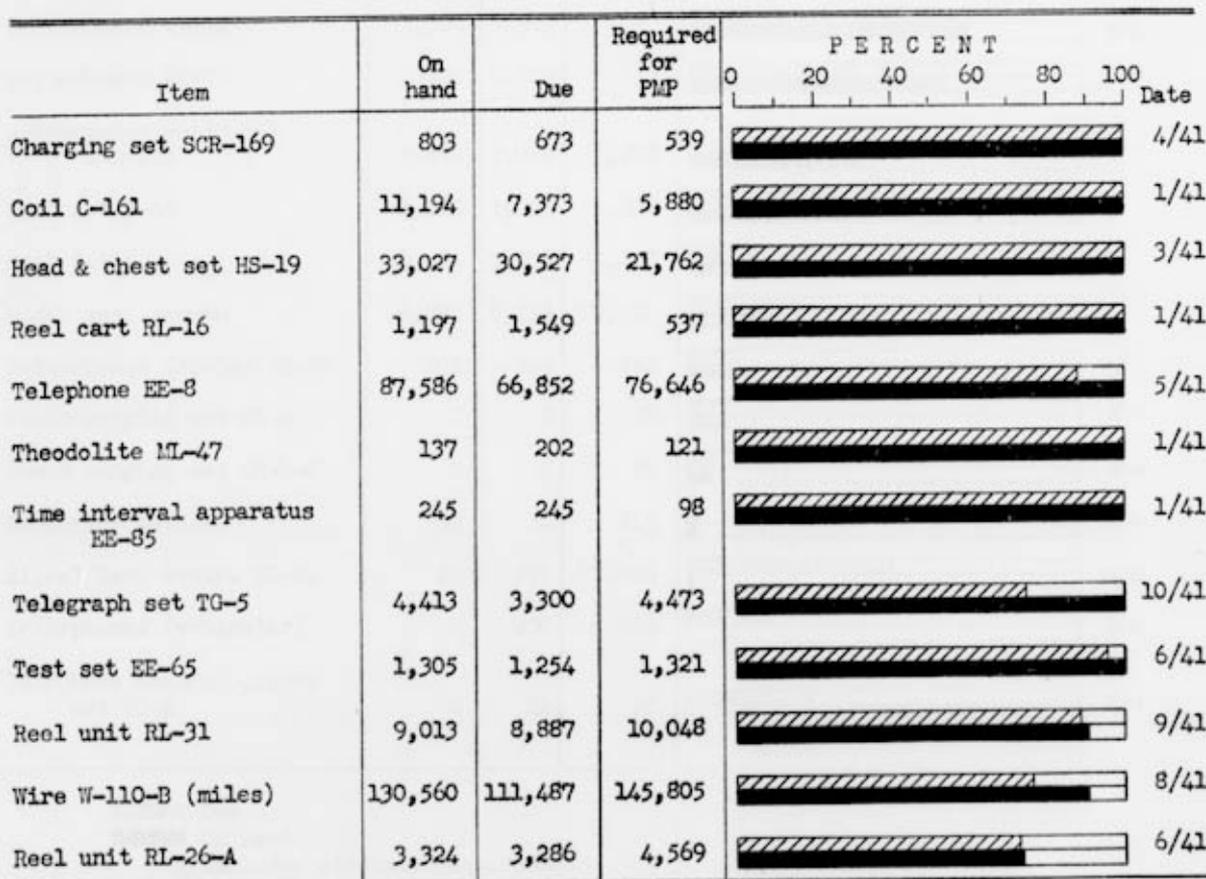
LABOR DIFFICULTIES - Since the settlement of the strike at the Allen D. Cardwell plant in Brooklyn, Signal Corps production is not being seriously retarded by labor disputes. At present, only two companies, having direct contracts with the Signal Corps, are closed by strikes - Feiner & Sons, New York City and the Crescent Tool Company in Jamestown, New York. The first mentioned company manufactures mountings and antenna brackets for radio equipment; the Crescent Tool Company makes pliers and wrenches for the Signal Corps, as well as for the Engineer and Quartermaster Corps.

STATUS OF REQUIREMENTS - SIGNAL CORPS MATERIEL - MAY 24, 1941

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

The purpose of this diagram is to indicate the present relationship between quantities of critical items of signal equipment due, on hand and required to meet PMP 1942 (plus Theatre of Operation Maintenance). It compares the progress on the procurement program with these requirements and indicates the date of meeting this objective.

All requirements are fully authorized and bars represent one hundred percent of these requirements. Contract awards sufficient to cover requirements have been made except where otherwise noted.



■ On hand  
 ▨ Due

STATUS OF REQUIREMENTS - SIGNAL CORPS MATERIEL - MAY 24, 1941 (PAGE II)

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

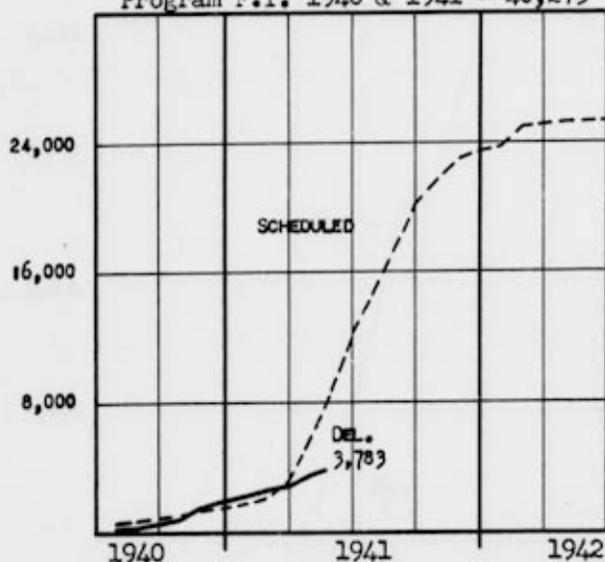
Item	On hand	Due	Required for FMP	PERCENT						Date
				0	20	40	60	80	100	
Switchboard BD-72	3,554	3,554	5,075							8/41
Switchboard BD-71	4,000	4,000	6,133							9/41
a/Frequency meter set SCR-211	2,693	3,679	6,278							12/41
Test set I-56	1,160	1,035	2,830							b/
Coil C-114	10,085	5,918	30,478							c/
Radio set, ground	6,793	8,553	29,012							b/
Switchboard (BD-14) BD-96	101	101	951							b/
Flash ranging set GR-4	2	2	20							9/41
Sound ranging set GR-3-C	2	2	36							9/42
Converter M-134-C	10	10	315							8/42
Signal lamp equip. EE-84	25	572	1,086							10/41
Interphones (vehicular)	0	200	966							6/41
Telephone central office set TC-2	0	12	38							8/41

Due  
 On hand  
 a/Includes aircraft requirements  
 b/Not fully contracted  
 c/No schedule available

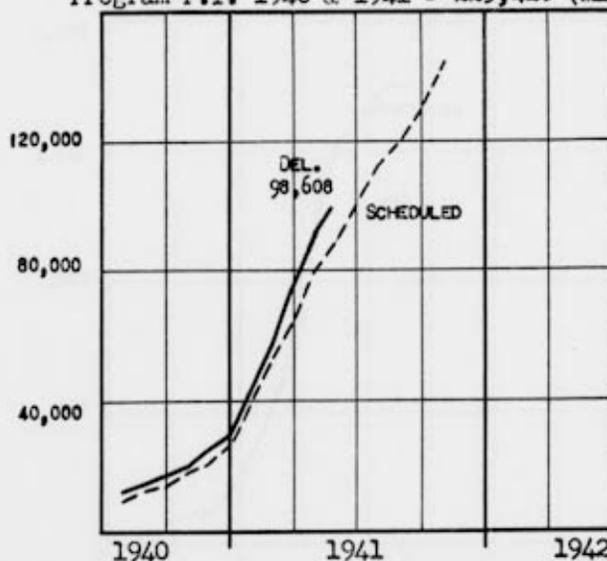
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 24, 1941

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

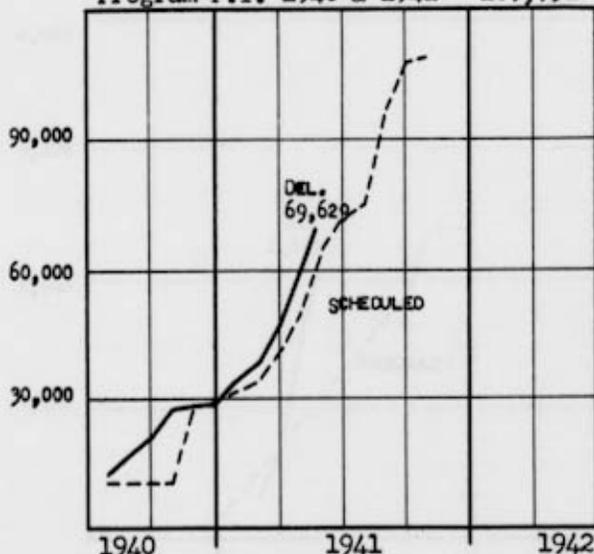
Radio Set  
Program F.Y. 1940 & 1941 - 40,275



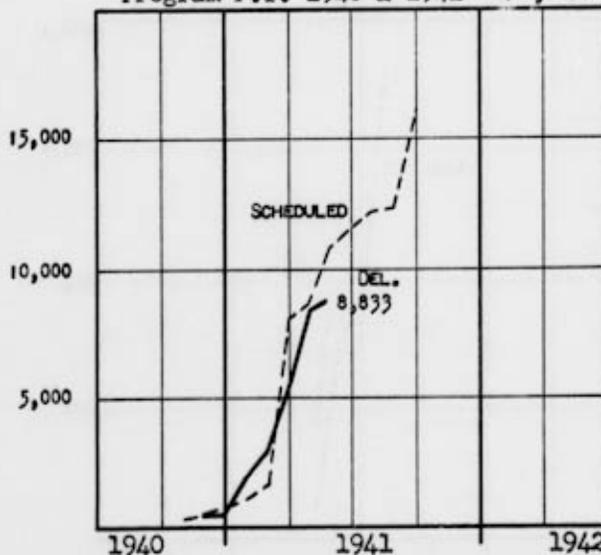
Wire W-110-3 & W-130  
Program F.Y. 1940 & 1941 - 225,410 (miles)



Telephone EE-8  
Program F.Y. 1940 & 1941 - 109,951

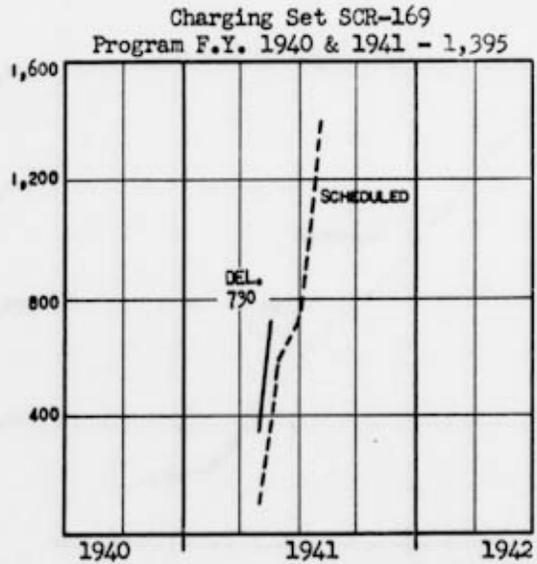
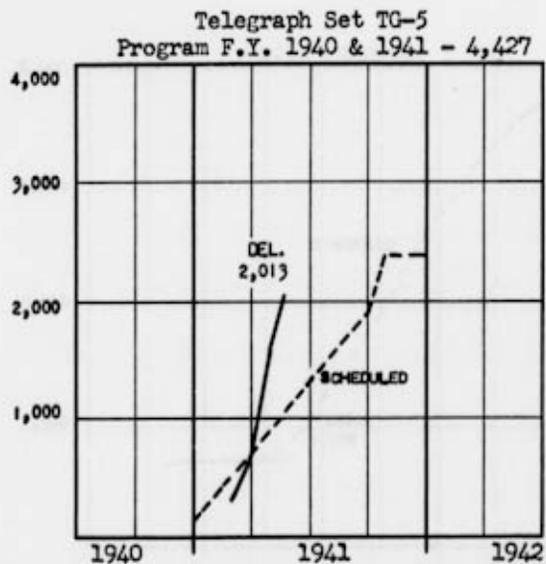
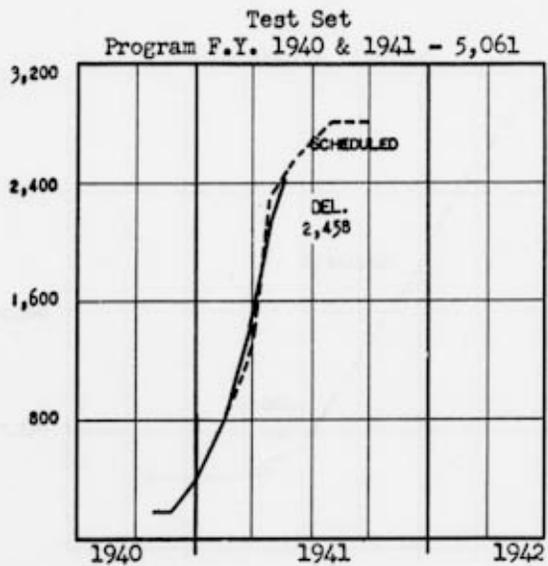
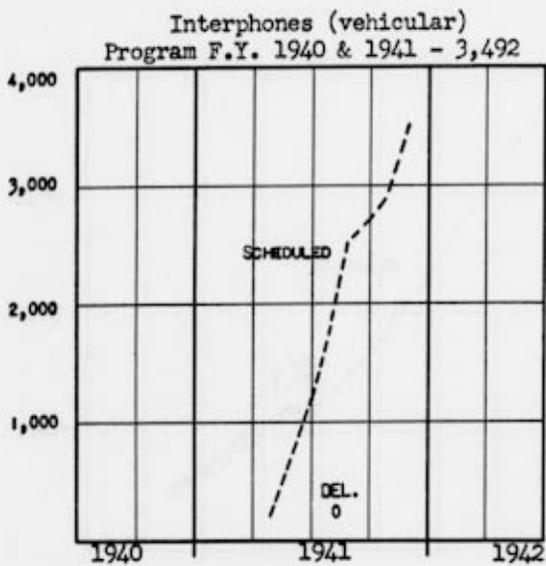


Reel Unit  
Program F.Y. 1940 & 1941 - 51,240



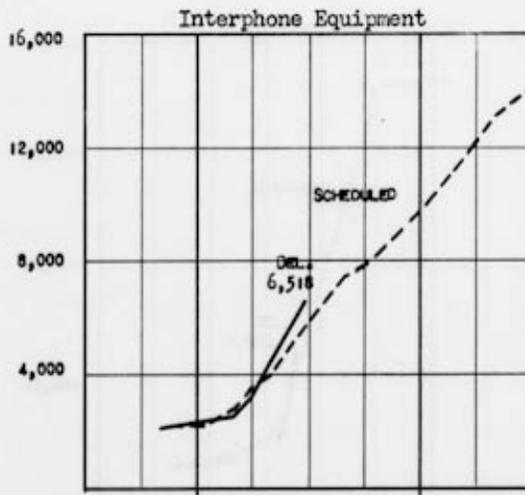
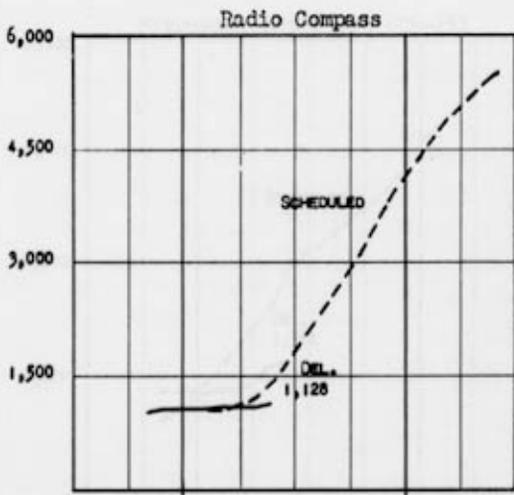
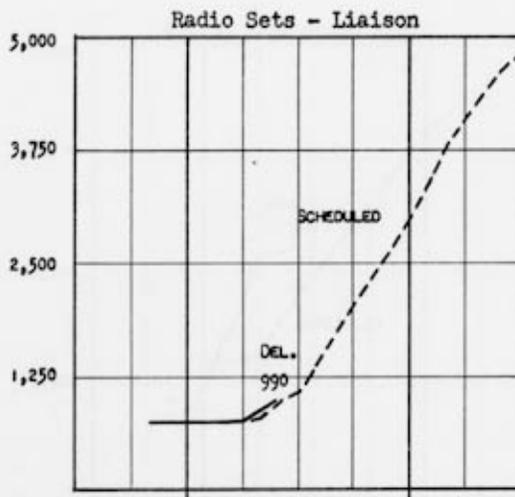
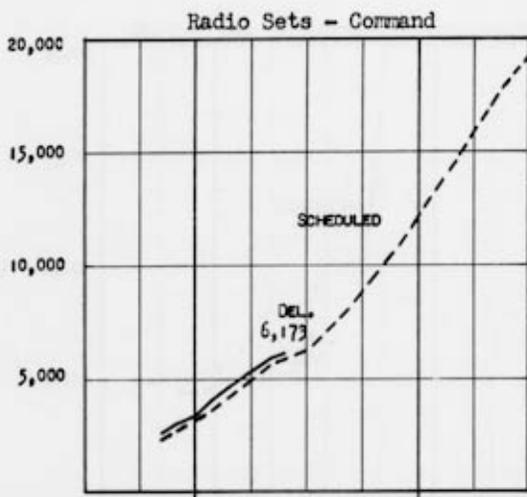
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 24, 1941

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



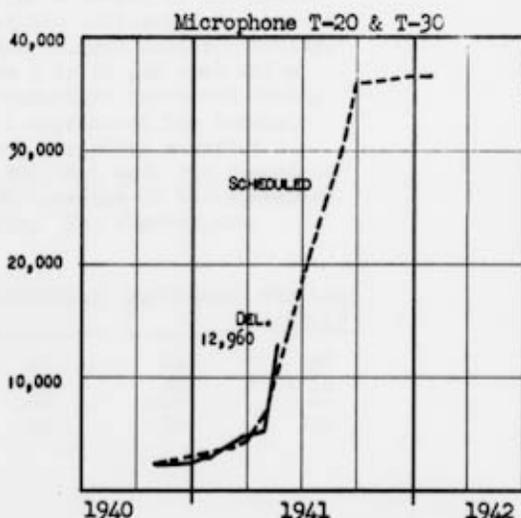
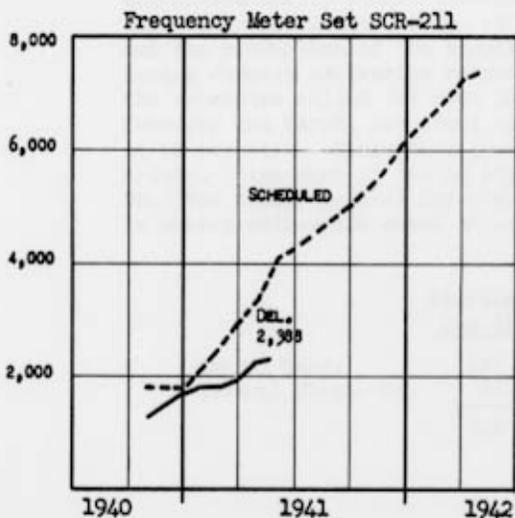
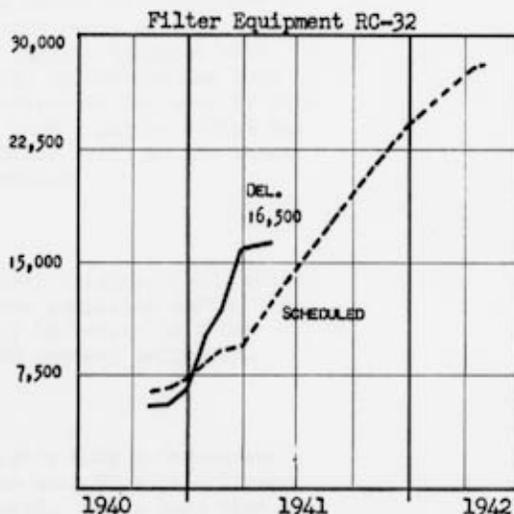
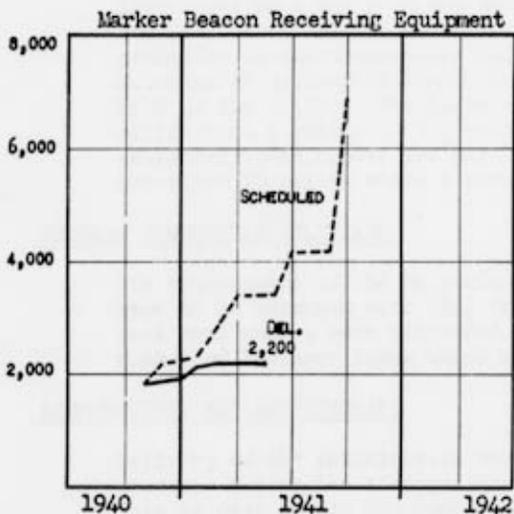
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - MAY 24, 1941

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



SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - MAY 24, 1941 (PAGE II)

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



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

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

GENERAL

Procurement of Engineer materiel made a better showing in the past quarter-month than it has recently. Delivery of searchlights was at a new peak and exceeded schedules. Delivery of one item was completed so far as present funds provide. The situation in air compressors and gas hammers improved with substantial deliveries where previously deliveries had been held up for a time. The index of procurement followed by this office rose 4 points to 74, which is only 6 points behind the scheduled index number for May 23. Since April 30 the index has risen 10 points where 8 were scheduled.

PROGRAM COMPLETELY DELIVERED

The procurement of the 86 portable steel bridges, H-10, which were to be obtained with 1941 funds was completed during the past week when 4 were delivered. This increases to 8 the number of Engineer items which are 100 percent delivered.

SEARCHLIGHT, 60" ANTI-AIRCRAFT

Delivery of 60" anti-aircraft searchlights made a tremendous increase during the past quarter-month when 98 were delivered. This is over double the number scheduled. For a long time the searchlight and searchlight mirror situation was disappointing and substantially behind schedule. The erection of the Mirror Plant near Cincinnati, Ohio, relieved the bottleneck in mirrors, but the production of the complete searchlight continued to lag. During January deliveries ranged from 5 to 10 per week while the schedules called for over 30. Production increased during February and March, and about April 1 approached the schedule of 40 per week. Since then production has shown a marked increase. Last week it was 60 lights and this week has jumped to 98. The result is that for the first time one of the companies is making deliveries ahead of schedule. The figures are:

	<u>Shortage</u> <u>May 15</u>	<u>Scheduled</u>	<u>Delivered</u>	<u>Shortage</u> <u>May 23</u>
Sperry Corp.	165	27	44	148
General Elect. Co.	21	19	54	- 14
	<u>186</u>	<u>46</u>	<u>98</u>	<u>134</u>

TEXT SUMMARY - Continued

The cumulative figures for both companies for May 23 are 1061 scheduled and 927 delivered. The shortage of 134 is 13 percent of the number scheduled.

COMPRESSOR, AIR, MOTORIZED

The air compressor is continuing to show improvement. Last week 16 were delivered which is the same as the week before. The numbers scheduled each week were 19 and 18, so deliveries are not quite equaling schedules. The shortage is 82 compressors.

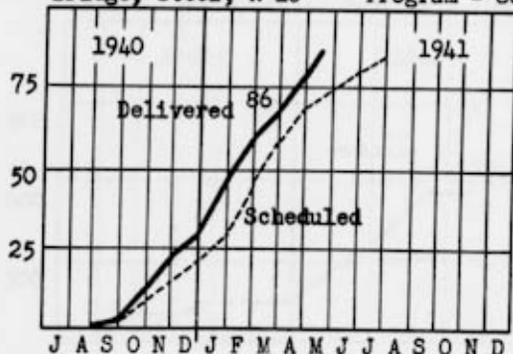
HAMMER, GAS OPERATED

The hammer schedule calls for deliveries of 50 per quarter-month. Until this week the last delivery was during the week ended April 15. Since then 200 were scheduled and none was delivered. This past week deliveries started again when 32 were received. The cumulative figures are 893 scheduled and 601 delivered. The deficiency of 292 is 33 percent of the number scheduled.

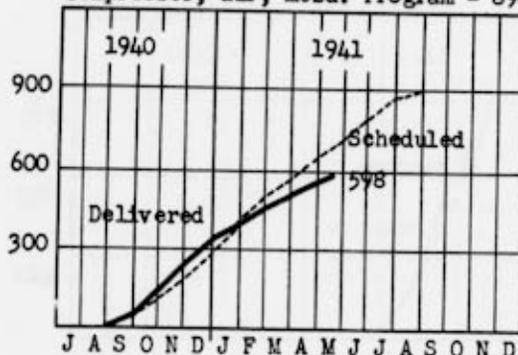
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 23, 1941

Source of Information: Office of the Chief of Engineers

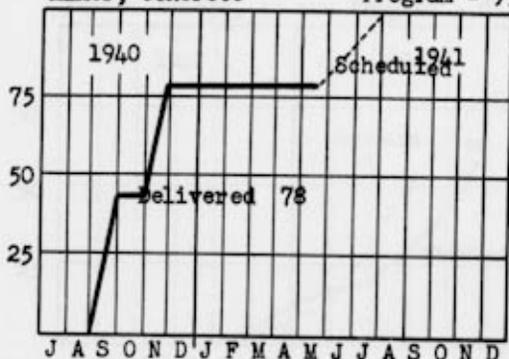
Bridge, steel, H-10 Program - 86



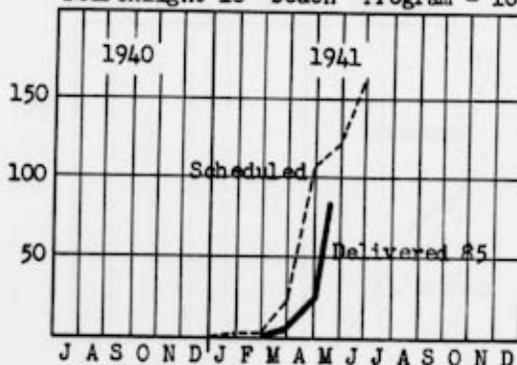
Compressor, air, mtzd. Program - 890



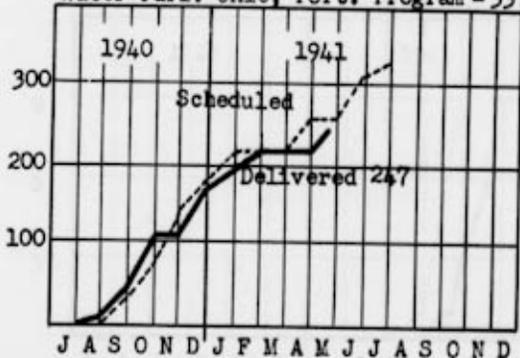
Mixer, concrete Program - 99



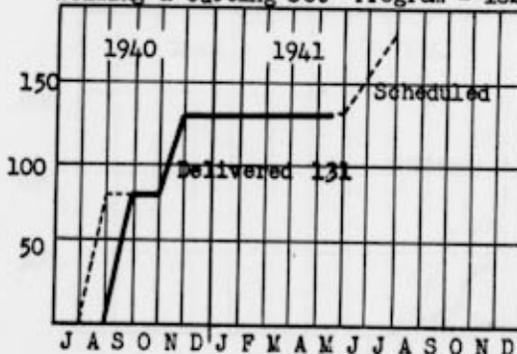
Searchlight 18" beach Program - 160



Water Puri. Unit, Port. Program - 337



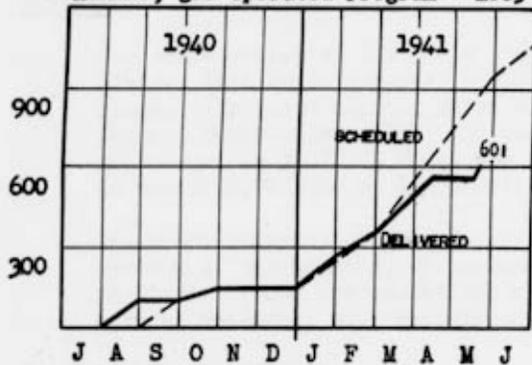
Welding & Cutting Set Program - 182



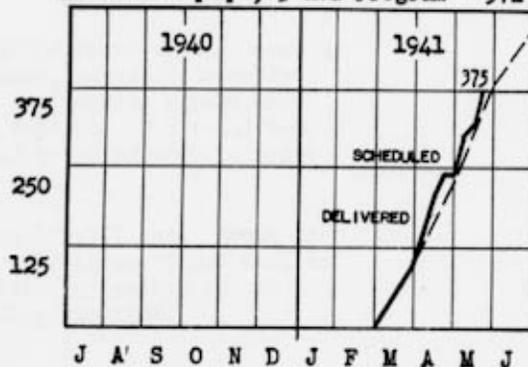
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 23, 1941

Source of Information: Office of the Chief of Engineers

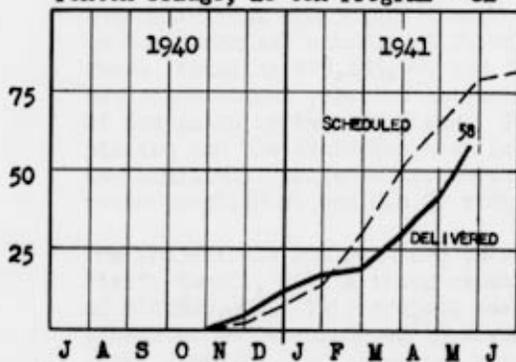
Hammer, gas operated Program - 1063



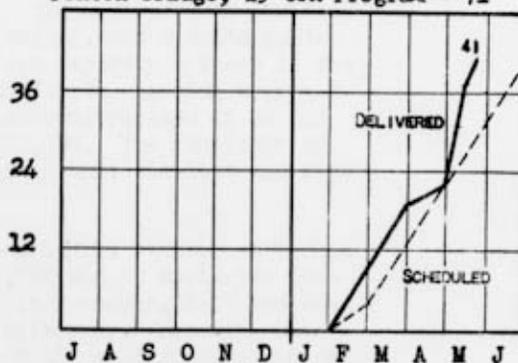
Electric equip., 3 kva Program - 571



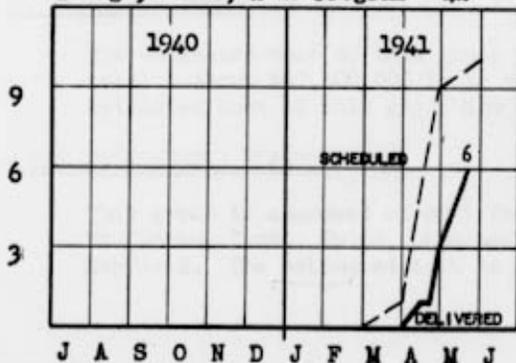
Ponton bridge, 10 ton Program - 81



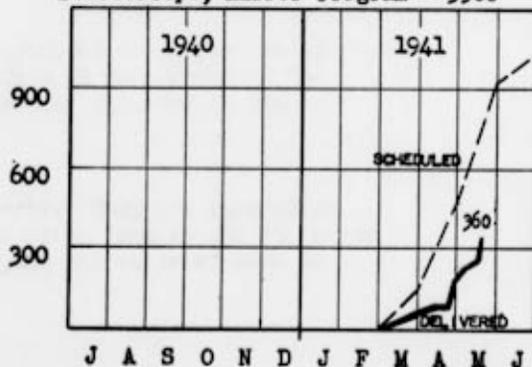
Ponton bridge, 25 ton Program - 71



Bridge, steel, H-20 Program - 42



Stereoscope, mirror Program - 3506



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - APRIL 30, 1941

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

GENERAL

The construction at Air Corps Stations by the Corps of Engineers is divided into seven groups: G.H.Q. air force, aircraft assembly plants, Air Corps depots, pilot schools, engineering experimental depots, observation units, and technical schools. The total estimated cost is \$347,800,000. The estimated value of work in place is now \$145,700,000 or 42 percent of the total.

The troop capacity of this construction is 195,137 men. About 48 percent of the housing, or accommodations for about 95,000 men, is in place. Troop accommodations are complete, or nearly so, on several projects; many are already partially occupied.

NEW PROJECTS AND CHANGES

Eleven new projects were reported this period. They total \$25,390,000 estimated cost and 32,403 troop capacity. The most of this addition is two technical schools at Biloxi, Mississippi, and Wichita Falls, Texas, totaling \$19,185,000 and 32,244 troop capacity. There is one new pilot school reported at Stockton, California, pending approval of the plans by the Air Corps. This is new construction at an old station and the estimated cost is only \$720,000. The remainder of the additional projects are seven observation unit stations and some reconstruction at one G.H.Q. station.

One project was not reported this period--a G.H.Q. station at Hickam Field, Hawaii, with a troop capacity of 1,792 and an estimated cost of \$14,800,000. This project was started in November, 1939 and was scheduled to be completed in November of this year. However, the cost, schedule, and plans are being revised and will probably be reported next period.

G. H. Q. AIR FORCE

The estimated cost of this group is \$161,300,000 or 46 percent of the total. About \$87,400,000 is in place. This is 54 percent of the estimated cost of this group and 60 percent of all work in place.

AIRCRAFT ASSEMBLY PLANTS

This group is composed of only four projects. They are located at Ft. Worth, Texas; Tulsa, Oklahoma; Kansas City, Kansas; and Ft. Crook, Nebraska. The estimated cost is \$45,500,000 and value of work in

#### AIRCORPS CONSTRUCTION - (CONTINUED)

place is \$1,400,000 or 3 percent of the cost. Three of the four are scheduled for completion December 31, 1941, and the other (Tulsa) is pending approval of the final plans.

#### AIR CORPS DEPOTS

The estimated cost is \$36,000,000, about 10 percent of the total. The value of work in place is \$14,200,000 or 39 percent of the estimated cost.

#### PILOT SCHOOLS

In the last month the estimated cost has risen about \$7,000,000 and is now \$35,900,000. This is 10 percent of the total. The value of work in place is \$9,100,000 or 25 percent of the estimated cost.

#### ENGINEERING EXPERIMENTAL SCHOOLS

The estimated cost rose in the last month from \$6,800,000 to \$11,100,000. Of this, \$4,200,000 or 39 percent is in place.

#### OBSERVATION UNITS

The estimated cost is now \$6,500,000 for this group, of which \$500,000 is in place. Last month the estimated cost was \$1,800,000 and work in place was estimated at \$300,000.

#### TECHNICAL SCHOOLS

The estimated cost is \$51,300,000, an increase of \$21,000,000 over the March 31 amount. The work in place is \$28,800,000. This is 56 percent of the estimated cost and 20 percent of the total work 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 on the total of six technical schools. The increase in the last period is due to the addition of two schools--one at Biloxi, Mississippi, and one at Wichita Falls, Texas. Each has an estimated cost of approximately nine million dollars.

CORPS OF ENGINEERS - AIR CORPS CONSTRUCTION - APRIL 30, 1941

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

STATUS OF TECHNICAL SCHOOL PROJECTS

(Figures in millions of dollars)

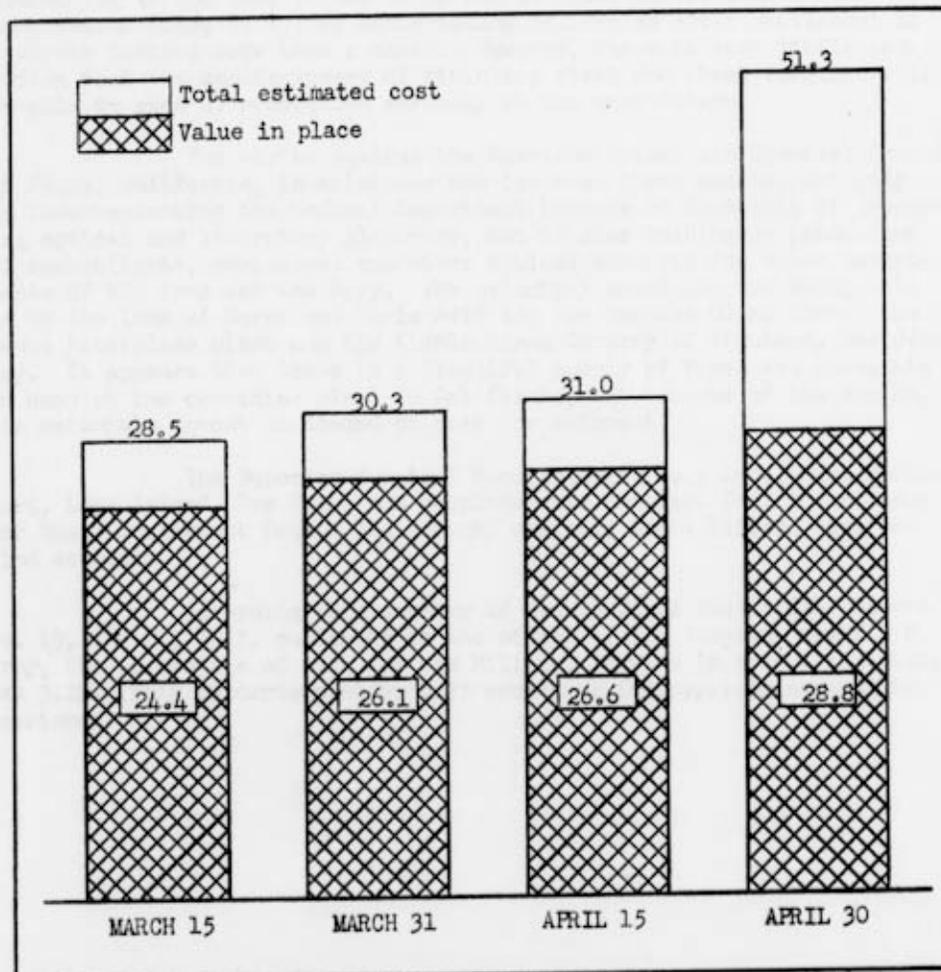


Diagram by Construction Section, OCE

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED MAY 31, 1941

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

Of twenty-two critical items behind schedule eleven are surgical instruments of various types. Improvement in this group may be looked for in the near future since the J. Sklar Manufacturing Company, Long Island City, N. Y., is again making deliveries after settlement of a strike lasting more than a month. However, there is very little indication that the manufacturers of stainless steel and steel forgings will be able to step up production markedly in the near future.

The strike against the American Potash and Chemical Company, at Frona, California, in existence now for over three months, not only is inconveniencing the Medical Department because of inability of procuring optical and laboratory glassware, but is also holding up production of searchlights, periscopes and other optical products for other departments of the Army and the Navy. The principal manufacturers being held up by the lack of Borax and Boric Acid are the Corning Glass Works, the Owens Fiberglass plant and the Kimble Glass Company of Vineland, New Jersey. It appears that there is a plentiful supply of these two chemicals on hand at the companies plant in California, but because of the strike, the materials cannot be loaded on cars for shipment.

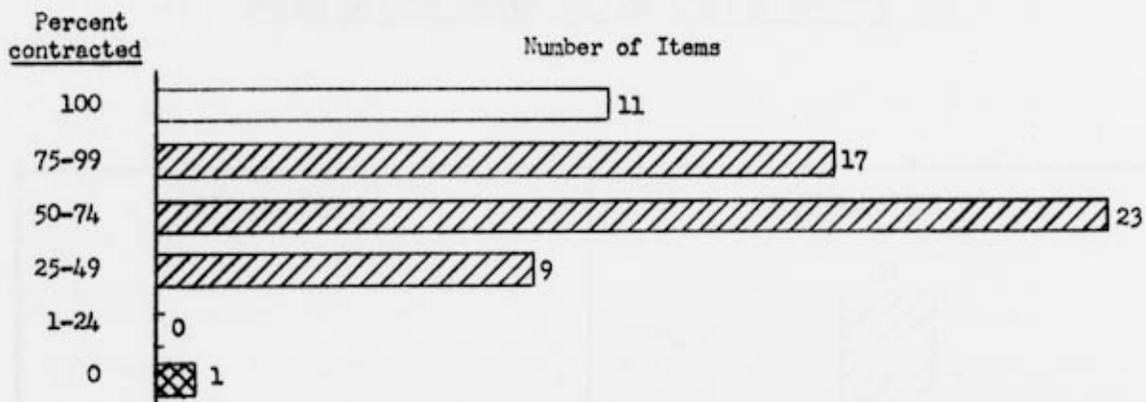
The Superior Surgical Manufacturing Co., Inc., East Northport, Long Island, New York, has completed its contract for Canvas Cases for Basic Instrument Sets. The company was only about fifteen days behind schedule.

According to a summary of Weekly Vital Statistical Report No. 19, May 22, 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 3.24. This percentage shows 2.73 remaining in hospitals and .51 in quarters.

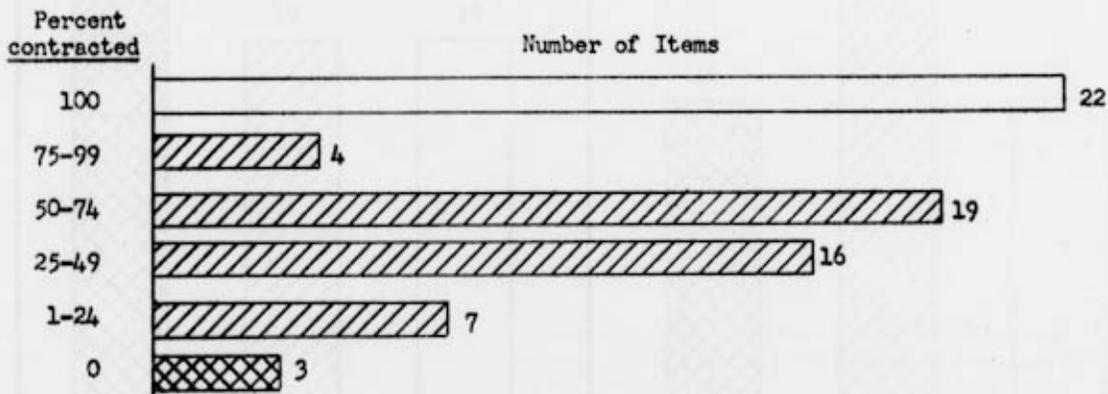
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - MAY 15, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



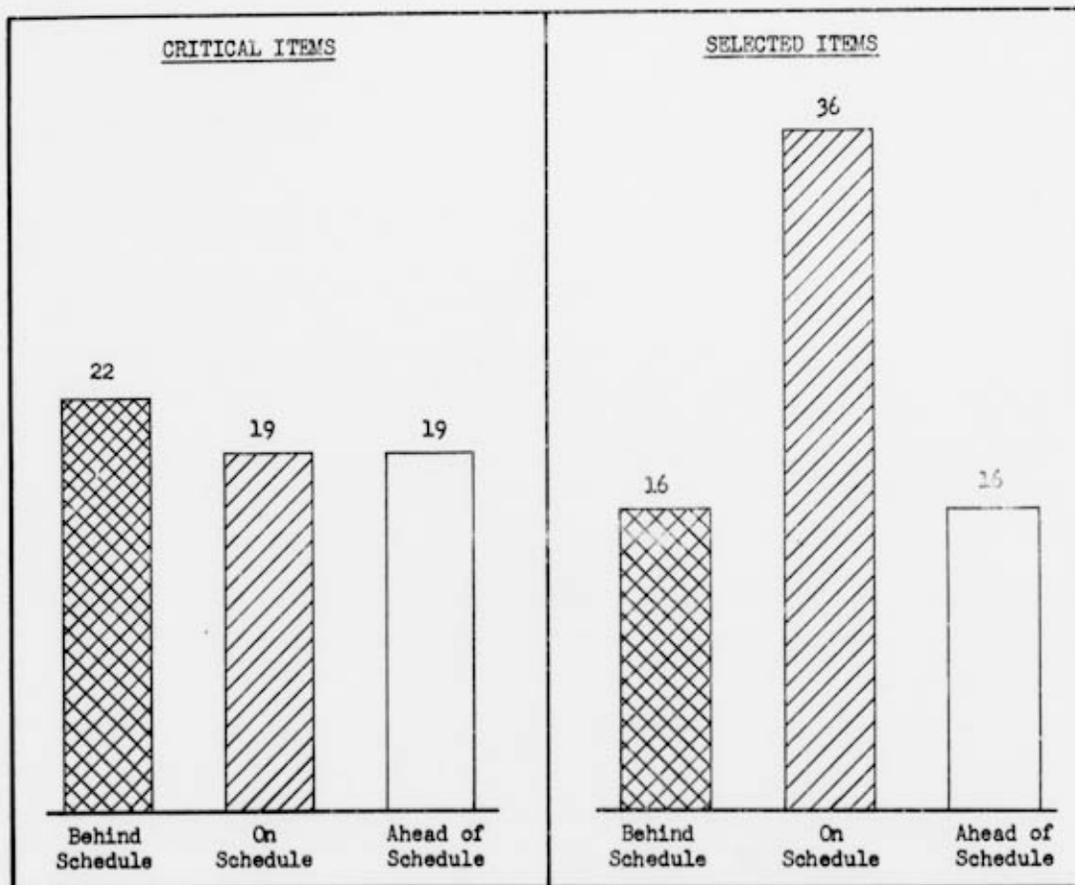
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - MAY 15, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS ON MAY 23, 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 Fifth Supplemental National Defense Appropriation.

The deliveries of critical and essential Chemical Warfare items have increased slightly over the figures reported last week. However, production of gas masks and canisters has been greatly retarded due to unfavorable labor conditions at the plant of the Continental Can Company.

It is reported that there is now a definite shortage of whetlerite (impregnated charcoal) which is an important chemical absorbent used in the gas mask canisters. The Chemical Warfare Service is endeavoring to locate new and additional sources of supply of this item. The Chemical Warfare Service is also experiencing difficulties in obtaining aluminum for gas mask canisters due to the low priority of this metal given to this Service. There is also a shortage of 60" Duck which is used for gas mask carriers and other Chemical Warfare equipment. Because of these various difficulties the Chemical Warfare Service is forced to rearrange its schedule of production and thus the completion dates for the various critical items will be definitely changed.

Service Gas Masks:--During the week there were 55,477 Service Gas Masks delivered which is an approximate increase of 4 percent above the deliveries reported last week.

Diaphragm Gas Masks:--The deliveries of completed Diaphragm Gas Masks amounted to 67,827 during the week which is an increase of approximately 40 percent above last week's deliveries.

Optical Gas Masks:--There were no deliveries of this type of mask reported during the week.

Training Gas Masks:--There were 36,844 Training Gas Masks delivered during the week which is a decrease of approximately 28 percent below the deliveries of the previous week.

Extra Gas Mask Canisters:--There were no deliveries of Extra Canisters reported during the week because of the shortage of whetlerite and aluminum.

Mustard Gas (HS):--The production of Mustard Gas reported this week amounted to 97 tons which is an approximate increase of 17 percent above the tonnage reported the previous week.

Impregnite "I":--The production of Impregnite "I" amounted to 17.8 tons of which 12.1 tons have been delivered and 5.7 tons are now in the process of being inspected.

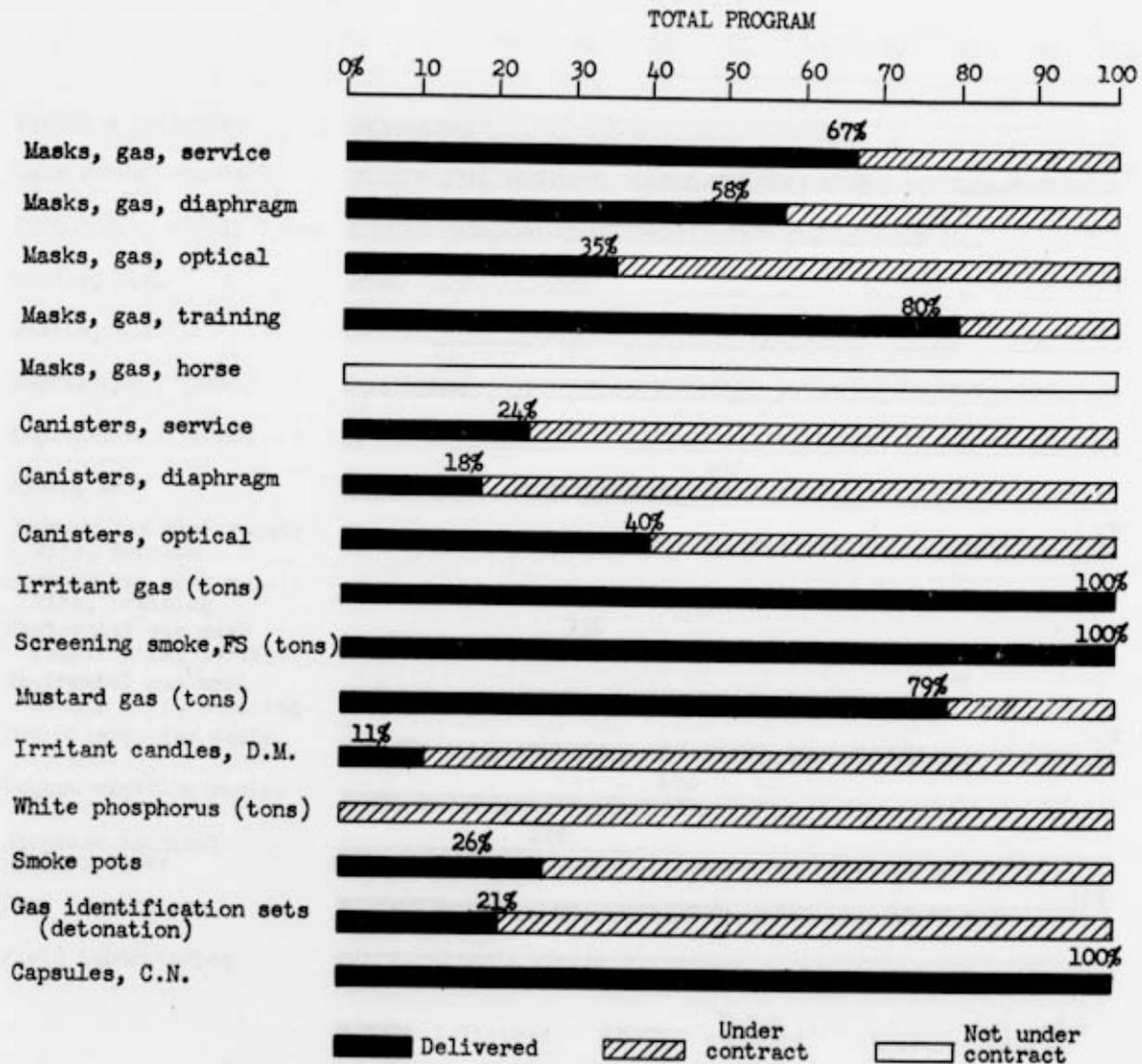
Irritant Candles (DM):--There were 700 of these Irritant Candles delivered during the week, making a total of 1,200 units delivered on the 1941 program.

Smoke Pots:--There were 3,700 Smoke Pots delivered this week, making an accumulative total of 17,700 of these units delivered on the 1941 program.

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

Source of Information: Chemical Warfare Service

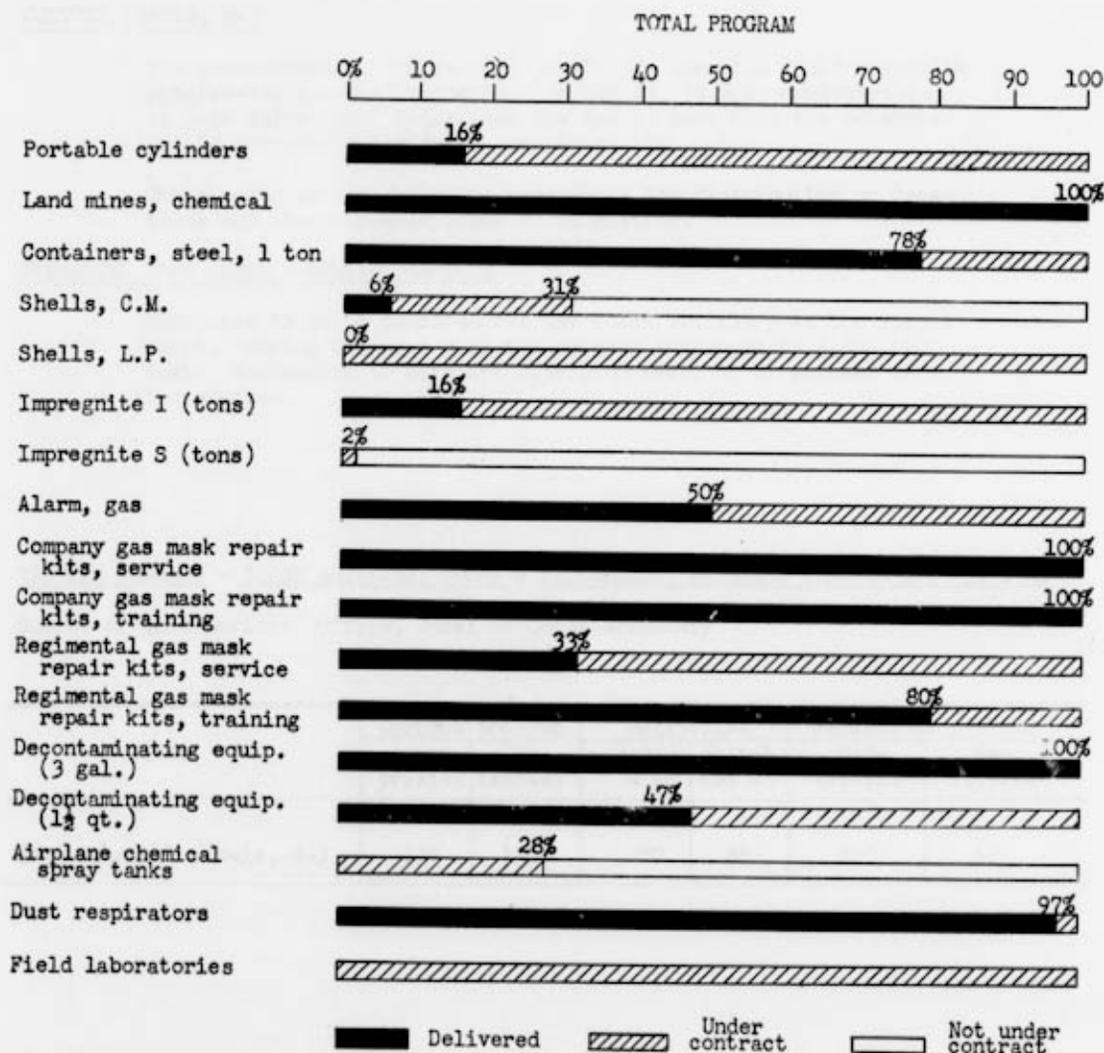
May 23, 1941



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

Source of Information: Chemical Warfare Service

May 23, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 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 May 23, 70 were scheduled and 85 were delivered. Deliveries now are 15 more than the schedule and 62 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 the program increased to 3,630,000 feet. Deliveries to date are 2,581,050 feet, or 71 percent of the program.

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

Source of Information: Office, Chief of Coast Artillery

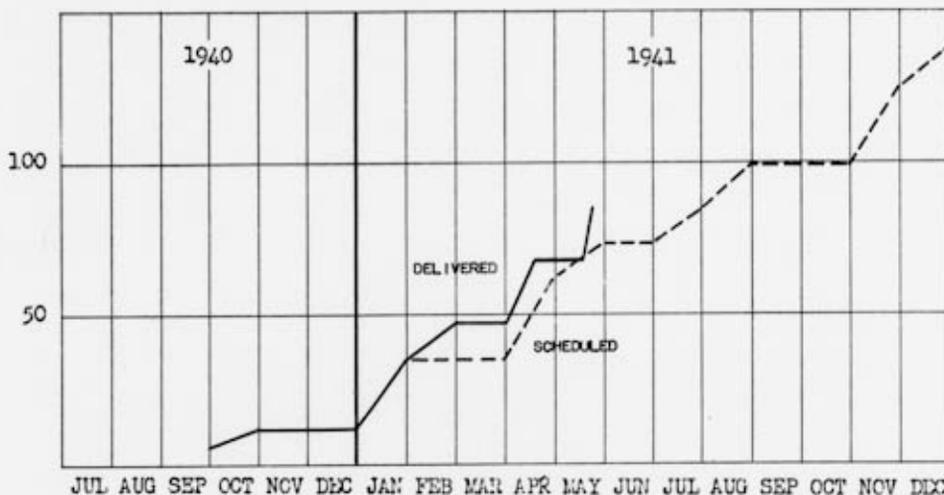
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual May 23	Contracted	Delivered
Group control panels, M-3	138	138	70	85	100	62

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH MAY 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																16
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								

# delivered

**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

### SUMMARY

No. 49

**RELEASED**

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

Franklin D. Roosevelt Library

**DECLASSIFIED**

**DOD DIR. 5200.9 (9/27/58)**

Date- *3-5-59*

Signature- *Carl L. Spicer*

STATISTICS BRANCH  
OFFICE OF THE ASSISTANT SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-4941-1

Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 49

JUNE 7, 1941

<u>GENERAL</u>	Page	<u>SIGNAL CORPS</u>	Page
Army Strength	1	Text Summary - Procurement Progress	31
Cost of Living	2	Ahead and Behind Schedule - Ground	32
Editorial Comment	3	Ahead and Behind Schedule - Aircraft	33
Editorial Comment - Diagram	4	Diagrams: Radio Set, etc.	34
Commitments	5	Diagrams: Interphones	35
Expediting Production	6	Diagrams: Radio Sets, etc.	36
		Diagrams: Marker Beacon Rec'vg. Eqpt.	37
<u>ORDNANCE DEPARTMENT</u>		<u>CORPS OF ENGINEERS</u>	
Text Summary - Procurement	7	Text Summary - Procurement Progress	38
Index of Ordnance Procurement	8	Text Summary - Procurement Progress	39
Tab. Sum. - Equipment Procurement	9	Diagram: Index of Engineer Procurement	40
Tab. Sum. - Tactical Equipment	10	Diagram: Searchlight Procurement	41
Tab. Sum. - Ammunition Procurement	11	Text Summary - Air Corps Construction	42
Aircraft Armament - Machine Guns	12	Text Summary - Air Corps Construction	43
Combat Vehicles - Tanks	13	Diagram: Status of Total Projects	44
Infantry Armament - Rifles	14		
<u>AIR CORPS</u>		<u>MEDICAL DEPARTMENT</u>	
Text Summary - Aircraft Proc.	15	Text Summary	45
Tab. Sum. - Air Corps Procurement	16	Diagram: No. of Items and % Contracted	46
Diagrams: Airplanes and Engines		Diagram: Behind, On, and Ahead Schedule	47
Bombers	17	Diagram: % Critical Items Contracted	48
Pursuit & Observation	18	Diagram: Selected Items Behind Sched.	49
Miscellaneous & Primary Trainer	19		
Basic & Advance Trainer	20	<u>CHEMICAL WARFARE SERVICE</u>	
New Airplane Facilities	21	Text Summary - Procurement Progress	50
New Airplane Facilities	22	Diagram: Progress of Deliveries	51
New Airplane Facilities	23	Diagram: Progress of Deliveries	52
		Status of Certain Defensive Items	53
<u>QUARTERMASTER CORPS</u>		<u>COAST ARTILLERY CORPS</u>	
Text Summary - Proc. of Q.M.Items	24	Text Summary - Procurement	54
Diagram: Group Proc. of Q.M.Items	25	Tab. Sum. - Procurement Progress	54
Diagrams: Critical Items	26	Diagram: Procurement Progress	55
Diagrams: Critical Items	27		
Fiscal Index - Motor Vehicle Proc.	28		
Text Summary - Construction Prog.	29		
Diagram: Status of Q.M.Constr.	30		

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 - May 15, 1941

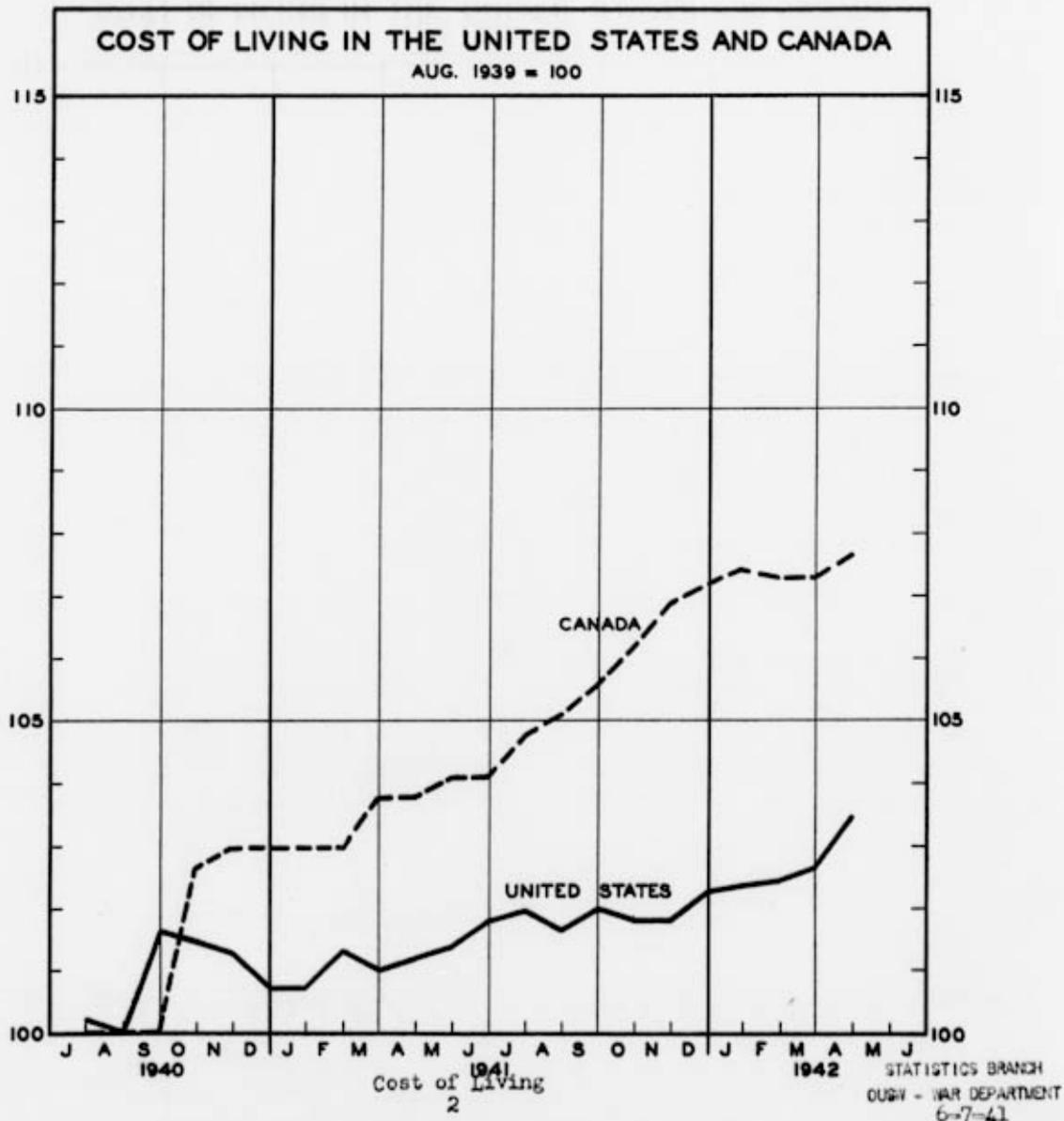


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan., 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May 15	1,235,554
May	1,291,028
June	1,418,097

### COST OF LIVING

Cost of living in the United States rose sharply after the outbreak of the war, and after a few months of slight decline there has been a steady rise from 100.7 to 103.5 percent of the August, 1939 level. In Canada there has been an uninterrupted increase in the cost of living during the same period; in April, 1941 living costs were 7.7 percent above the pre-war level.

Source of Information: Dominion Bureau of Statistics and The National Industrial Conference Board



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 4, 1941

The President's speech has been generally accepted by the commentators as an expression of the people's opinion and a statement of American policy. It has been accepted, much as the Lease-Lend Act was accepted, even by those who formerly disagreed with the policies it defines, and in this sense it is probably true that a greater unity exists in editorial opinion than before the speech was given.

There is some complaint that the situation has not been made entirely clear and some apprehension about the sweeping nature of the emergency powers. On the whole, however, it seems plain that the declaration of the unlimited emergency has been a relief and that it is sincerely hoped the way has been cleared for the defense effort to gain increasing momentum.

A small but emphatic expression of opinion has appeared to the effect that the country has called too many men to arms. Those who hold this view cite the shortage of mechanized training equipment, the apparent unlikelihood that man power will be needed in the near future and industry's demand for certain types of labor.

Last week there was much concern about shortages of strategic materials. This week that concern has developed into alarm about the dislocation that the commentators believe is in store for industries making non-defense articles which require these scarce materials. The commentators concede that both labor and plant can eventually be absorbed into the defense program, but they point to England's experience as illustration that the process is both long and difficult.

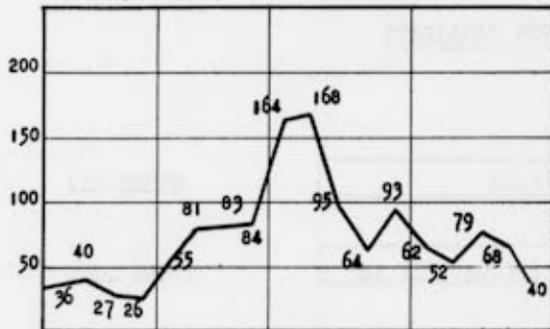
TABULAR SUMMARY

THE EMERGENCY	Tallies	GENERAL CRITICISM	AID FOR BRITAIN		
Proclamation approved	13	The Army	3	For safeguarding	
Approval whole speech	16	Draft army too big	4	cargoes by best means	19
Disapproval of speech	1	The OPMND	3	Use full navy force	1
Foreign policy approved	19	The Mediation Board	2	Patrol is working well	1
Home policy approved	5	Govt. leadership	8	Patrol ineffectual	8
For freedom of the seas	9	Govt. economic policy	1	For all possible aid	2
Neut. Act disregarded	2	Electric power policy	1	Presidents stand praised	7
Congress disregarded	9	Govt. labor policy	6	For bomber program	3
This is not dictatorship	2	Sup. Court labor policy	1	Tanker gift unwise	1
Defense before invasion	1	Poor organization	8	Send more ships	1
Situation still vague	11	Poor defense planning	8	Send more planes	1
Disunity not ended	3	Aid too slow	4	Repeal Neutrality Act	4
Speech has failed	1	All production slow	18		
Reynolds Bill unwise	1	Business as usual	3	HOURS, WAGES, LABOR	40
		Slow h. tank production	4	ECONOMICS, INFLATION	30
		slow m. tank production	4	GENERAL COMMENDATION	20
TREND TOWARD WAR		Gun production slow	1	MATERIAL SHORTAGES	20
We are trending	7	Ship building slow	1	GOVT. AND BUSINESS	7
Speech brings us closer	9	Sub-contracting slow	1	LACK OF FACTS	7
Govt trying to stay out	1	Training equipment lack	1	PROBLEMS OF ORGANIZATION	5
Do not go to war	8				
		Editorial Comment			

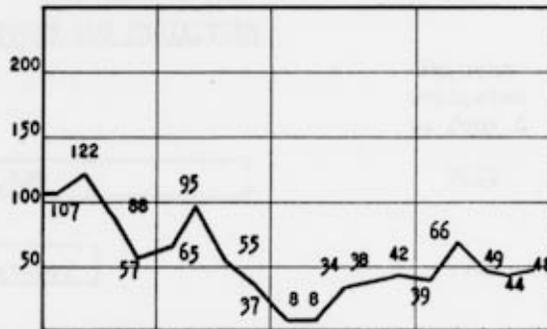
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

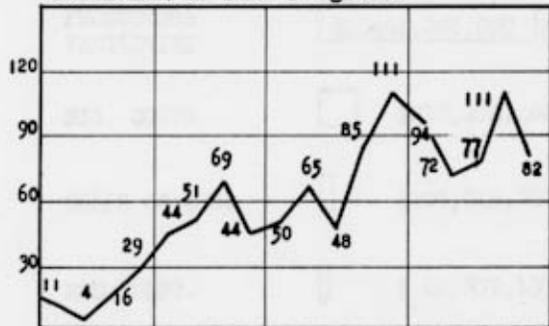
Hours, Wages, Labor Problems



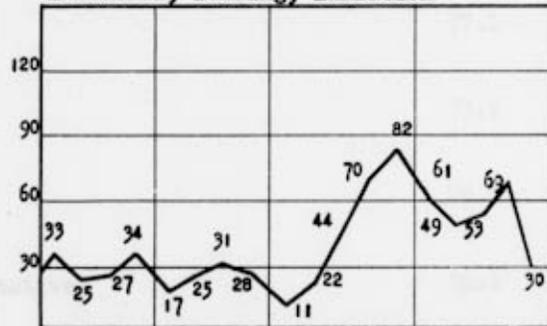
Aid for England



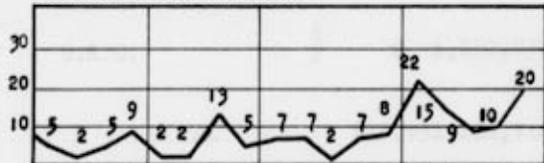
Criticism of Slow Progress



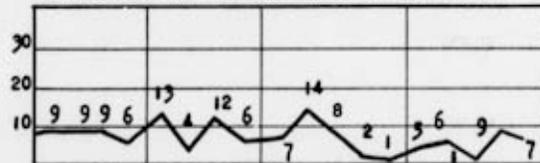
Economics, Banking, Inflation



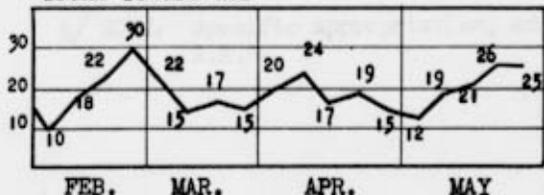
General Commendation



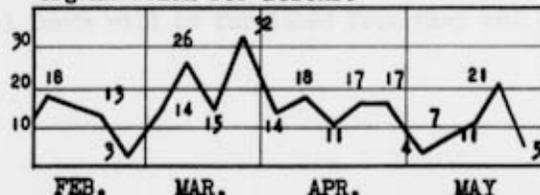
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 69.7 percent of approximately eleven billion dollars worth of business.

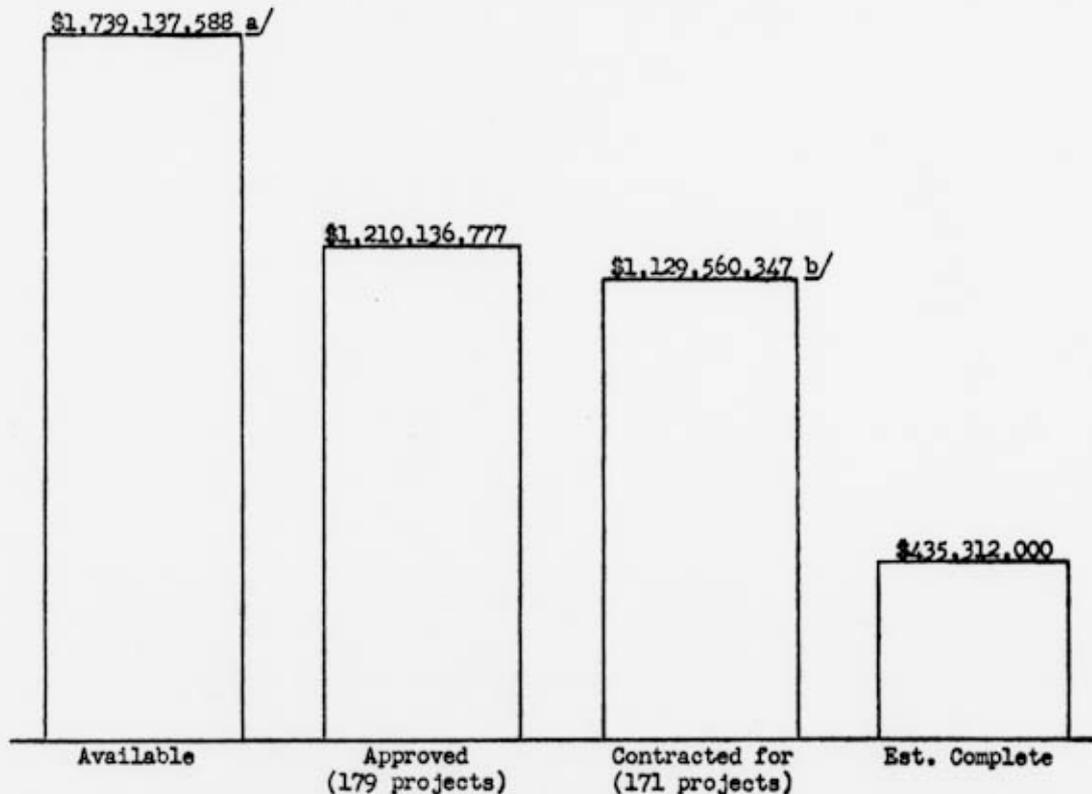
Source of Information: Weekly Progress Report, OUSW, June 5, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	Percent obligated to June 4
AIR CORPS	\$3,717,519,528	71.2
ORD. DEPT.	\$2,741,659,091 (tentative)	78.3
Q.M.C.	\$2,596,342,802	52.6
PRODUCTION FACILITIES	\$1,464,286,000 <sup>a/</sup>	77.1
SIG. CORPS	\$217,274,460	75.8
CORPS OF ENG.	\$100,015,200	79.5
MED. DEPT.	\$ 60,872,137 (tentative)	74.6
CHEM. WAR SER.	\$ 51,943,483	92.4
C.A.C.	\$ 1,219,839	99.9
TOTAL	\$10,951,132,540	69.7

<sup>a/</sup> NOTE: Specific appropriation, additional funds will be furnished from Navy and S.A.S.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - MAY 31, 1941

Source of Information: Construction Division Report, May 31, 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 \$18,432,581.

b/ Amount supplied by Supply Arms and Services.

TEXT SUMMARY - JUNE 7, 1941

Source of Information: Ordnance Department; O.U.S.W.; & O.P.M.

GENERAL

Unobligated cash and contract authorizations amount to approximately one billion dollars, or about one-third of the three billion dollars appropriated for ordnance services and supplies in the 1941 fiscal year. In addition, close to three-quarters of a billion dollars of Defense Aid funds, authorized for ordnance expenditures, are unobligated. Roughly one billion dollars of the total one and three-quarter billion dollars unobligated are to be spent for ammunition.

MAY DELIVERIES & SCHEDULES

Available reports for May are as follows:

	<u>May, 1941</u>		<u>Cumulative Total</u>	
	<u>Actual</u>	<u>Scheduled</u>	<u>Actual</u>	<u>Scheduled</u>
Rifle, cal.30, M1	22,000	15,500	170,406	162,208
Machine gun, cal.30, A.C.	512	400	6,222	6,122
Machine gun, cal.50, A.C.	967	990	6,068	6,177
Mortar, 60mm	605	578	2,827	2,611
Mortar, 81mm	3	140	615	712
Tank, light, M3	212	169	339	361
Tank, medium	18	16	59	56
Scout car	177	200	2,652	2,451
Carriage, 155mm how., mod.	100	70	746	588
Cartridges, cal.30 (Thous.)	54,156	45,667	343,266	329,614
Cartridges, cal.50 (Thous.)	4,899	4,901	42,407	41,990

AMMUNITION

Despite the small shell loading capacity of Picatinny Arsenal and the few other existing loading facilities, smokeless powder has been a principal factor restricting deliveries of complete rounds of ammunition. The start of substantial deliveries by Indiana Ordnance Works at Charlestown in July, and by Radford Ordnance Works in August is expected to provide an excess of smokeless powder over loading requirements thereafter.

Production of TNT is indicated to be a controlling component from June until November, when the full output of the new Kankakee and Weldon Springs plants is scheduled to become available.

Loading lines of the five new shell loading plants and of new facilities at four ordnance arsenals and depots are generally scheduled to start operations at such rates as to load all available production of smokeless powder, high explosives and metal components.

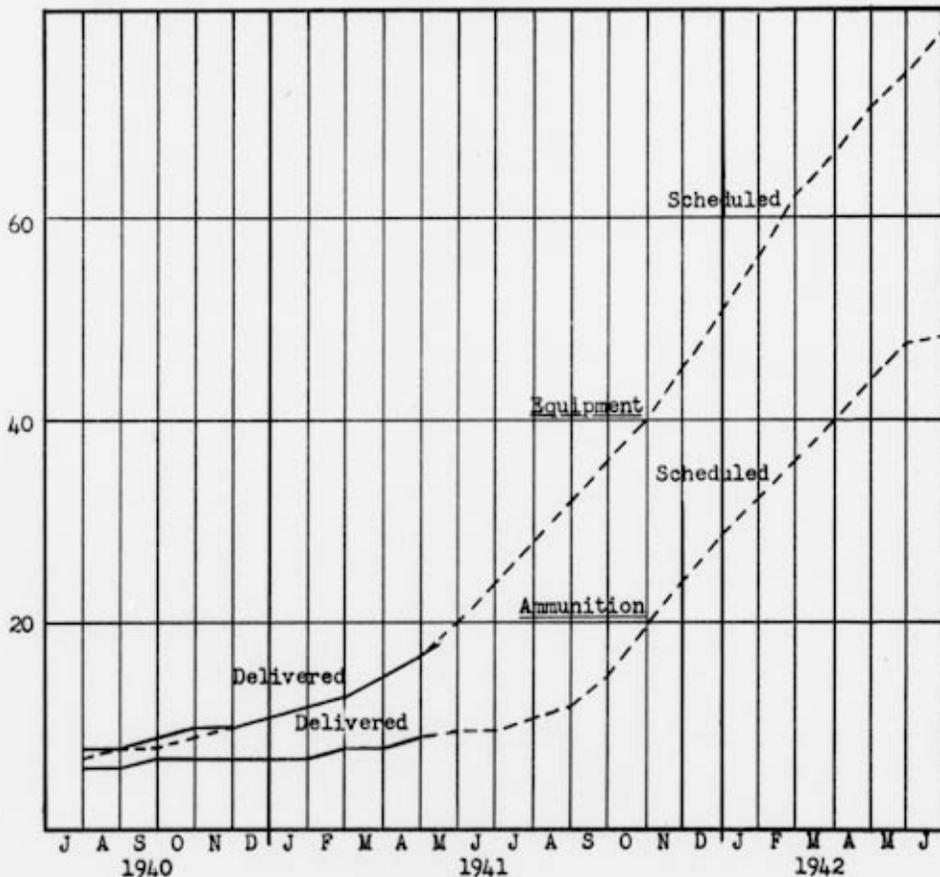
Principal difficulties in the production of metal components are the exacting steel specifications of armor piercing types and the precision required in the machining of projectiles and fine metal parts of boosters, fuzes and burster casings. The limited heat treating capacity for alloy steel and the restricted machining capacity, as well as skilled labor supply, are already causing severe delays in the quantity production of metal components for armor piercing and other types of shells.

INDEX OF ORDNANCE PROCUREMENT - MAY 15, 1941

Source of Information: Production Branch, Ordnance Department and G-4

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Fifth Supplemental Appropriation and also the number of units of each item on hand prior to current procurement.

Estimated schedules are not available for about one-tenth the equipment program and approximately one-half the ammunition program. When schedules for the latter are reported, the ammunition index in the first six months of 1942 should increase substantially.



CUM.	DEL	8	8	9	10	10	11	12	13	15	17	18*
<u>EQUIP</u>	DEL	8	8	9	10	10	11	12	13	15	17	18*
	SCH	7	8	8	9	10	10	12	13	15	17	20
												24
												28
												32
												36
												40
												45
												51
												56
												62
												66
												71
												74
												78
<u>AMMUN</u>	DEL	6	6	7	7	7	7	7	8	8	9	9*
	SCH	6	6	7	7	7	7	7	8	8	9	10
												10
												11
												12
												15
												20
												24
												29
												32
												36
												40
												44
												47
												48

\* THRU MAY 15

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

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

Item	Total procurement program	Delivered thru May 15	Percent of total program			
			Contracted	Scheduled	Due	Delivered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,122 <del>φ</del>	32	32	7 <del>φ</del>	7 <del>φ</del>
Machine gun, cal.50	163,573	6,162 <del>φ</del>	49	49*	4 <del>φ</del>	4 <del>φ</del>
Gun, 20mm, automatic	42,489	0	100	6	0	0
Gun, 37mm, automatic	1,188	14	100	90	1	1
<u>Combat Vehicles</u>						
Tank, light	3,488	738 <del>φ</del>	100	100	22 <del>φ</del>	21 <del>φ</del>
Tank, medium	4,596	59 <del>φ</del>	54	54	1 <del>φ</del>	1 <del>φ</del>
Scout car	2,733	2,625 <del>φ</del>	100	100	90 <del>φ</del>	96 <del>φ</del>
Personnel carrier, 8-man	5,445	0	100	100	0	0
Personnel carrier, 13-man	4,302	0	100	91	0	0
Machine gun, cal.30, (Var.)	37,460 <del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>
Machine gun, cal.50, (H.B.)	8,025 <del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>	<del>a/</del>
Submachine gun, cal.45	241,065	10,052	23	23*	7	4
Gun, 37mm, tank	6,040	917	100	100	13	15
Gun, 75mm, tank	2,513	4	100	100	0	-
<u>Antiaircraft</u>						
Gun, 3"	152	70	100	100	43	46
Gun, 90mm	1,271	0	95	95*	0	0
Gun, 37mm	3,195	339	100	100	10	11
Machine gun, cal.50 (W.C.)	10,945	196	34	34*	2	2
<u>Artillery</u>						
Howitzer, 75mm	958	97	100	100	8	10
Howitzer, 105mm	3,286	8	83	83*	0	0
Gun, 155mm	492	8	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	421	100	100*	35	32
Carriage, 155mm howitzer	1,436	746 <del>φ</del>	100	100	41 <del>φ</del>	52 <del>φ</del>
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	170,406 <del>φ</del>	93	93	18 <del>φ</del>	19 <del>φ</del>
Machine gun, cal.30, (Var.)	92,808 <del>b/</del>	22,861 <del>b/</del>	76 <del>b/</del>	76* <del>b/</del>	25 <del>b/</del>	25 <del>b/</del>
Machine gun, cal.50, (H.B.)	23,305 <del>b/</del>	1,186 <del>b/</del>	53 <del>b/</del>	53* <del>b/</del>	5 <del>b/</del>	5 <del>b/</del>
Gun, 37mm, antitank	7,653	439	80	61	6	6
Mortar, 60mm	10,162	2,827 <del>φ</del>	100	100	26 <del>φ</del>	28 <del>φ</del>
Mortar, 81mm	3,773	615 <del>φ</del>	91	91	19 <del>φ</del>	16 <del>φ</del>

~~a/~~ Included in Infantry Armament. Deliveries not reported separately.

~~b/~~ Figures include Armament for Combat Vehicles.

~~φ~~ Delivered thru May 31.

\* Partly tentative.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - MAY 31, 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				
			%	20	40	60	80
<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	512	12				
Tank, medium	2,666	61	2				
Scout car	3,944	2,697	68				
Personnel carrier, 8-man	7,105	0	0				
Personnel carrier, 13-man	6,017	0	0				
Machine gun, cal.30 (Var.)	62,164 <sup>a/</sup>	a/	-				
Machine gun, cal.50 (H.B.)	11,704	329	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	829	7				
<u>Artillery</u>							
Gun, 75mm (H.S.)	1,471	596	41				
Howitzer, 75mm, field & pack	258	175	68				
Howitzer, 105mm	3,200	34	1				
Gun, 155mm	751	4	1				
Gun, 155mm (H.S.)	903	144	16				
Howitzer, 155mm (H.S.)	1,783	1,052	59				
<u>Unmodified &amp; other models</u>							
Gun, 75mm	-	2,910	-				
Gun, 155mm	-	825	-				
Howitzer, 155mm	-	989	-				
<u>Infantry Armament</u>							
Rifle, cal.30, M1, semiauto.	1,260,314	175,623	14				
Machine gun, cal.30 (Var.)	96,609	25,058	26				
Machine gun, cal.50 (H.B.)	17,555	1,601	9				
Gun, 37mm, antitank	8,092	649	8				
Mortar, 60mm	7,567	2,100	28				
Mortar, 81mm	4,310	731	17				

a/ Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - MAY 15, 1941

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

Item	Total procurement program (THOUSANDS)	Delivered thru May 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	0	100	100	0	0
Bomb, demo., 100#, 300#, 500#	1,529	26	44	44	2	2
Bomb, demo., 1000#	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	348	3	20	20	1	1
Shot & shell, 20mm	4,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	.2	59	59	-	-
Flares	748	127	35	35	17	17
Signals	2,057	464	33	33	23	23
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	0	20	20	0	0
Shell, 3", H.E.	2,215	95	51	51	3	4
Shell, 90mm, H.E.	2,761	0	45	45	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	88	86	86	5	6
Shell, g & s, 75mm gun	1,102	6	63	63	1	1
Shot, A.P., 75mm gun	2,752	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	206	91	91	5	5
Shell, H.E., 105mm how.	10,422	58	23	23	1	1
Shell, H.E., 155mm gun, M1	401	0	59	59	0	0
Charge, prop., 155mm gun	446	82	93	93	15	18
Shell, H.E., 155mm how.	4,294	5	52	52	-	-
Shell, g & s, 155mm how.	1,223	173	38	38	14	14
Charge, prop., 155mm how.	5,753	603	60	60	10	10
Primer, 21 gr.	6,653	299	35	35	4	4
Fuzes (All)	9,988	3,131	99	99	31	31
<u>Infantry</u>						
Cartridge, cal.30	2,943,242	343,267 $\phi$	100	100*	11 $\phi$	12 $\phi$
Links, met. belt, cal.30	1,003,322	76,568	42	42	8	8
Cartridge, cal.45	606,476	80,921	81	81	12	13
Cartridge, cal.50	863,951	42,406 $\phi$	77	77*	5 $\phi$	5 $\phi$
Links, met. belt, cal.50	2,451,536	34,225	70	26	1	1
Shot & shell, 37mm	22,188	113	16	16	1	1
Shell, H.E., 60mm	8,882	18	26	26	-	-
Shell, H.E., 81mm	2,965	97	12	12	3	3
Shell, smoke, 81mm	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	71	100	100	0	5
Signal, ground	3,215	165	51	51	7	5
Mine, antitank	2,050	0	2	2	0	0

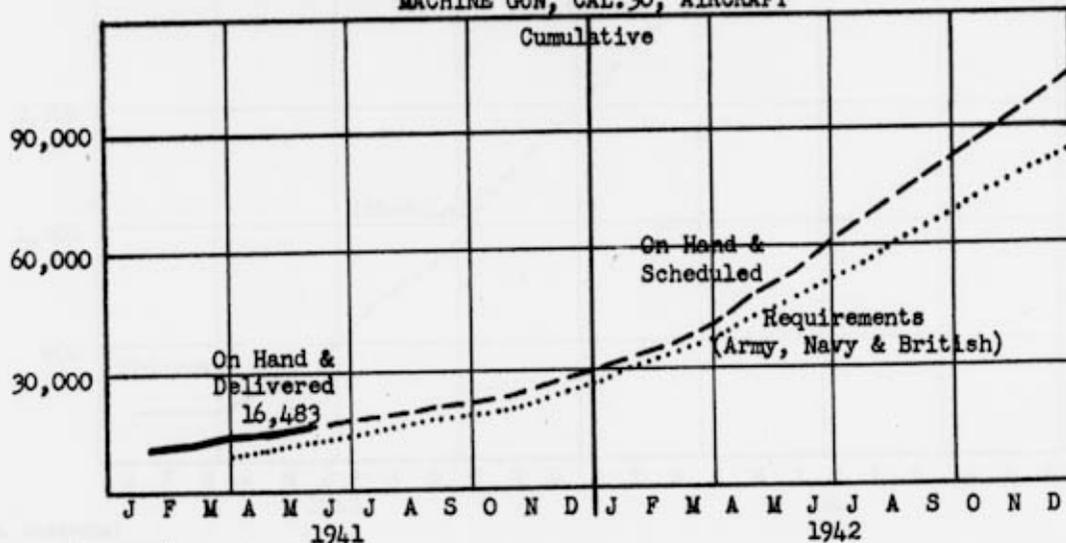
\* Partly tentative

$\phi$  Delivered thru May 31.

AIRCRAFT ARMAMENT - DELIVERIES & SCHEDULES - MAY 31, 1941

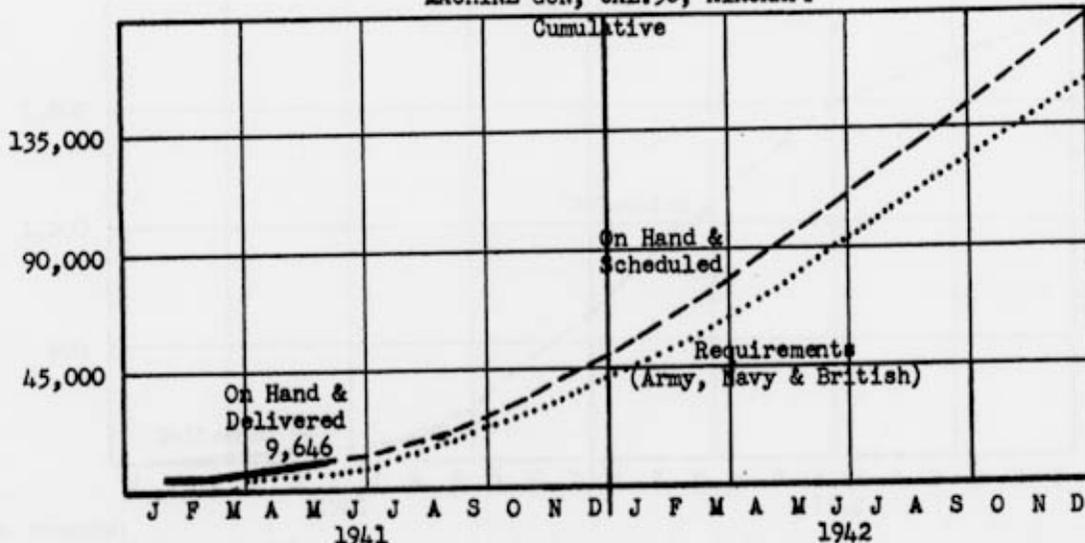
Source of Information: War Plans Div. & Industrial Service, Ord. Dept.; & O. P. M.

(Production for British Included)  
MACHINE GUN, CAL.30, AIRCRAFT



CUM. (THOUSANDS)												
DEL.	11	12	14	15	16							
SCH.	11	12	14	15	16	18	19	21	22	24	27	30
REQ.			9	10	12	14	16	17	19	21	24	27

MACHINE GUN, CAL.50, AIRCRAFT

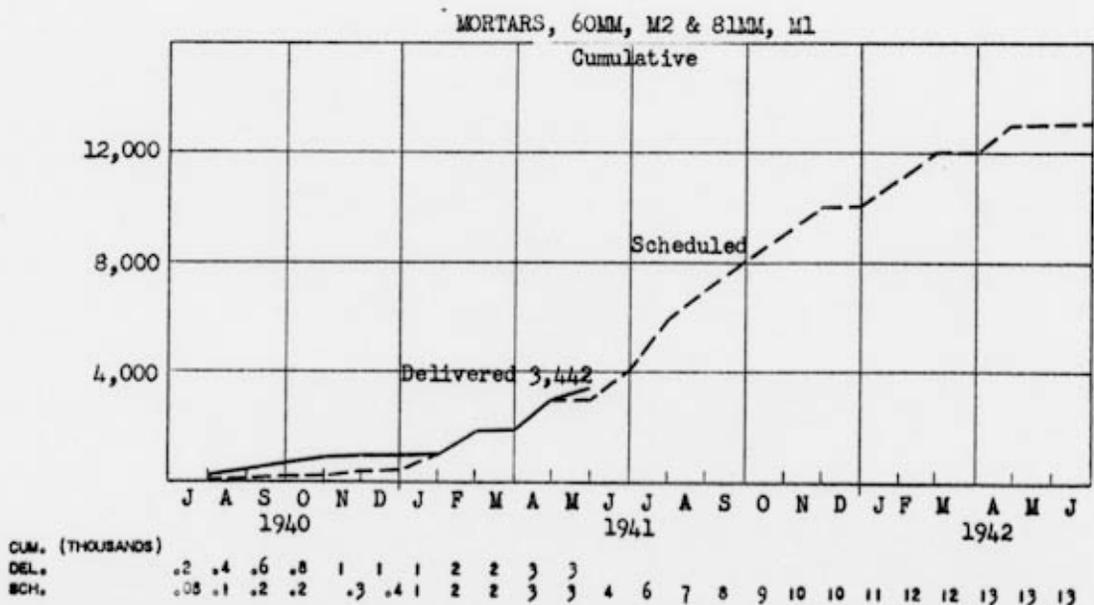
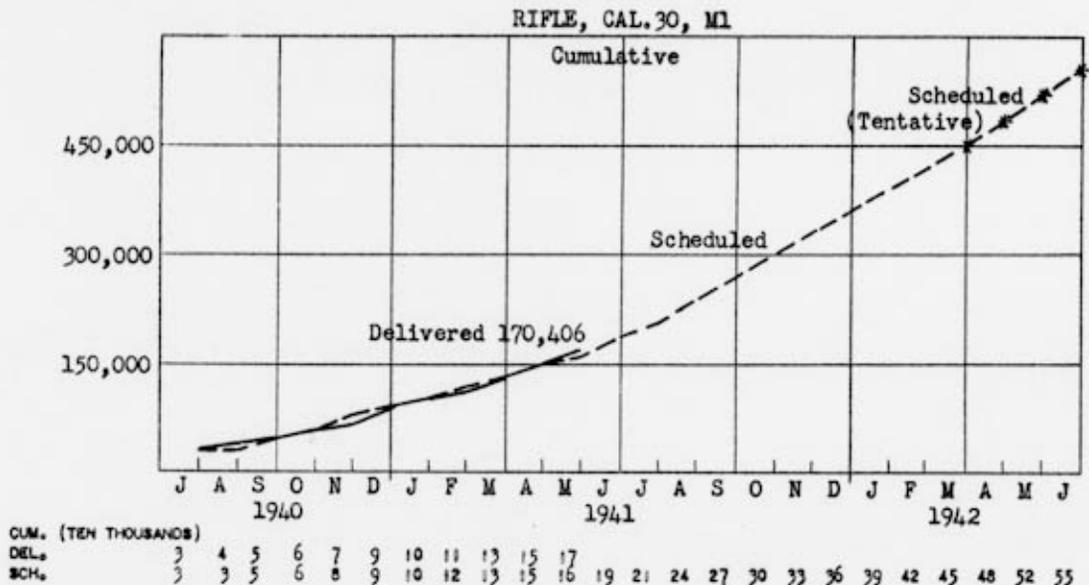


CUM. (THOUSANDS)												
DEL.	5	5	7	8	10							
SCH.	5	5	7	8	10	12	16	21	27	34	42	50
REQ.			4	5	6	8	13	18	24	29	36	42



INFANTRY ARMAMENT - DELIVERY SCHEDULES - MAY 31, 1941

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



TEXT SUMMARY - AIRCRAFT PROCUREMENT - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

GENERAL

The delivery of 530 airplanes to the Army during May as compared with 743 in April is most disappointing. The situation becomes increasingly grave when it is realized that Army deliveries are indicative of the trend of total monthly aircraft production which fell off some 69 units from the April figure. As far as the Army deliveries are concerned, the reduction comes in our most vital types, namely, bombers and pursuits. Of the bomber type, only medium bomber maintained deliveries equal to last month. There were no heavy bombers and only 5 light bombers delivered during May as compared with 21 heavy bombers and 39 light bombers delivered in April. A similar picture is presented by May deliveries of 33 pursuits as compared with 185 in April.

A careful analysis of the manufacturers of tactical airplanes seems to disclose difficulty of three types: (1) Inability to obtain necessary materials and machine tools; (2) failure of subcontractors to supply necessary fabricating parts; (3) non-receipt of G.F.E.

TACTICAL AIRPLANES

In view of the urgent need by Great Britain and the hope for eventual production of over 500 heavy bombers per month, the bomber picture is particularly acute. Boeing production of the Flying Fortress is at a standstill due to shortage of aluminum. This maldistribution apparently cannot be corrected in time for Boeing to show any production for another month at least. Even with this difficulty eliminated, the contractor advises, that unless the Parker Appliance Co. can make delivery of fittings and Carnegie Illinois Steel Co. improve the promised delivery of steel bars, it will be impossible for him to meet his production schedule. Consolidated is also experiencing difficulty because of shortage of contractor furnished items and critical G.F.E. shortages. The Martin production of B-26 is unsatisfactory due to the failure of the landing gear nose strut, but this production difficulty is rapidly being overcome. What warrants more attention is the fact that of the 66 B-26's accepted, propellers are not available for 46. A slight production difficulty, which now awaits Air Corps decision, will allow Douglas to release some 20 A-20's and in a small way improve the delivery of light bombers. The long delinquent production of Lockheed P-38's finally shows encouraging improvement only to find the manufacturer faced with the possibility of temporary storage of completed units due to shortage of Allison engines. The production of Bell P-39's is similarly handicapped by lack of Allison engines. Bell already has 20 fuselages in storage and there is a strong possibility that a similar fate is in store for a good part of 18 fuselages now in final assembly.

TRAINER AIRPLANES

Though the production of trainer planes did not show an improvement over the month of April, satisfactory production was maintained. In addition, improvement was made in the delivery of advance trainers, which have been so sorely needed.

ENGINES

The level of engine production established in April was maintained during May, but there was no increase. The hoped for assistance from the automotive field is being delayed for the most part due to shortage of machine tools. Increased production, however, can be expected from Allison during June if it is given priority assistance in obtaining machine tools.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

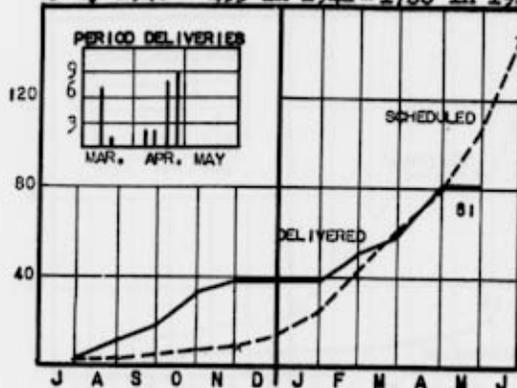
Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 5/31/41	Pending (less awards)		Proposed 12,000 program (b)
					F.Y. 1941 "B" programs	10,375 Fifth Supp.	
<u>Airplanes</u>							
Heavy bomber	2,246	2,246	100	81	-	-	800
Medium bomber	4,616	2,216	48	130	-	2,400	1,200
Light bomber	1,382	1,382	100	135	-	-	1,000
Pursuit, fighter	709	709	100	22	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	667	-	-	4,850
Observation	1,308	1,308	100	40	-	-	-
Transport	1,055	931	88.6	26	-	125	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	15,801	13,277	84	1,115	-	2,525	9,240
Primary trainer	5,040	4,440	88.1	1,492	-	600	900
Basic trainer	5,051	5,051	100	912	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	528	-	1,000	360
Adv. trainer, 2-eng.	3,082	1,202	39	53	-	1,880	600
Total Trainer	16,470	12,990	78.9	2,985	-	3,480	2,760
Grand Total	32,271	26,267	81.4	4,100	-	6,005	12,000
<u>Engines</u>							
Heavy bomber	8,988	4,188	46.6	1,005	-	4,800	3,200
Medium bomber	9,232	4,432	48	653	-	4,800	2,400
Light bomber	2,576	2,436	94.6	549	140	-	2,000
Pursuit, fighter	1,420	1,394	98.2	71	26	-	2,300
Pursuit, interceptor	4,394	4,394	100	788	-	-	4,850
Observation	2,083	1,901	91.3	350	182	-	-
Transport	2,130	1,592	74.6	86	-	540	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	31,005	20,519	66.2	3,536	348	10,140	15,230
Primary trainer	5,040	4,590	91	1,924	-	450	900
Basic trainer	5,051	3,051	60.4	1,048	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	890	-	1,000	360
Adv. trainer, 2-eng.	6,164	2,164	35.1	638	-	4,000	1,200
Total Trainer	19,552	12,102	61.9	4,500	-	7,450	3,360
Grand Total	50,557	32,621	64.5	8,036	348	17,590	18,590

- (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 authorized - not included in current program column.

## AIRPLANES

2246 HEAVY BOMBERS

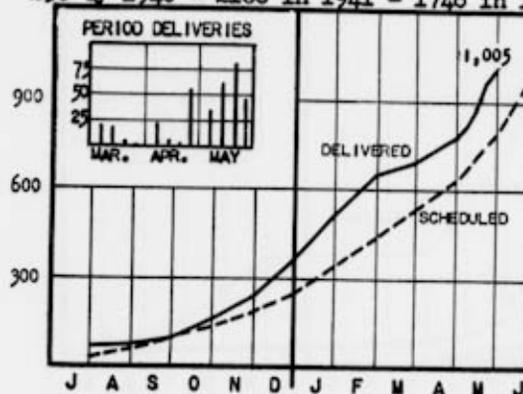
13 by 1940 - 453 in 1941 - 1780 in 1942-43



## ENGINES

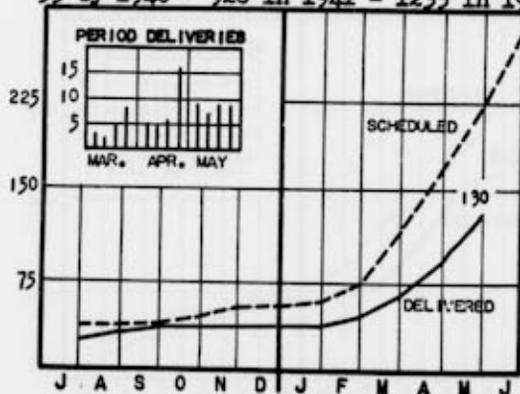
4188 HEAVY BOMBERS

256 by 1940 - 2186 in 1941 - 1746 in 1942



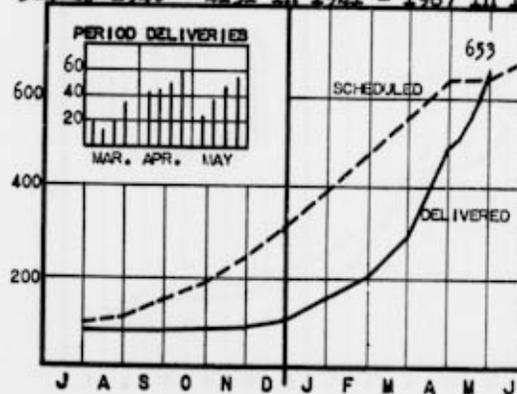
2216 MEDIUM BOMBERS

55 by 1940 - 926 in 1941 - 1235 in 1942



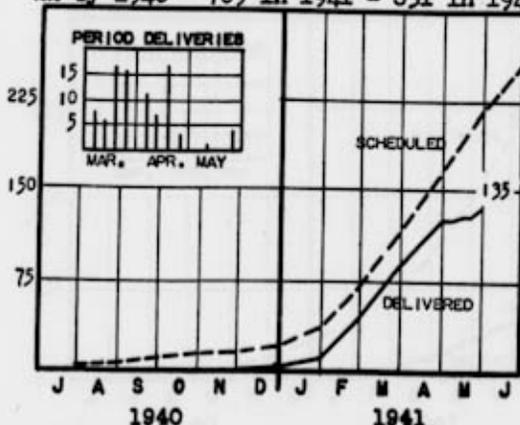
4432 MEDIUM BOMBERS

314 by 1940 - 2131 in 1941 - 1987 in 1942



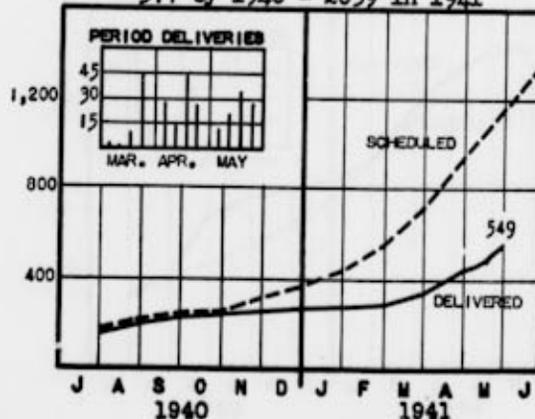
1382 LIGHT BOMBERS

22 by 1940 - 709 in 1941 - 651 in 1942



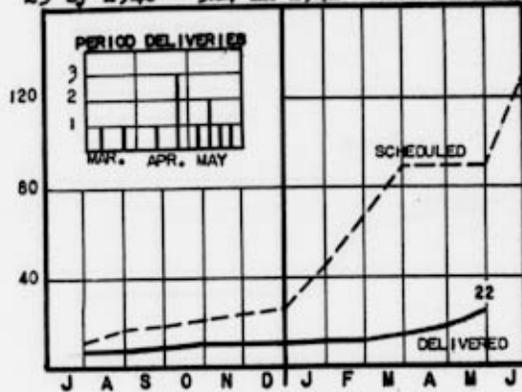
2436 LIGHT BOMBERS

377 by 1940 - 2059 in 1941

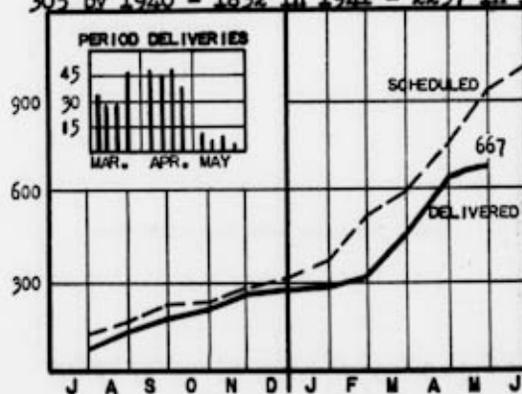


## AIRPLANES

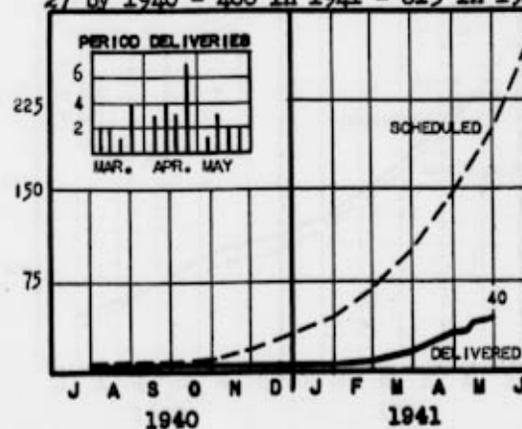
709 PURSUIT FIGHTER  
25 by 1940 - 524 in 1941 - 160 in 1942



4394 PURSUIT INTERCEPTOR  
305 by 1940 - 1832 in 1941 - 2257 in 1942

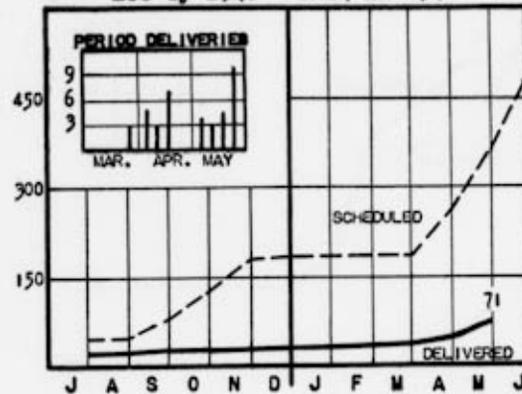


1308 OBSERVATION  
27 by 1940 - 466 in 1941 - 815 in 1942



## ENGINES

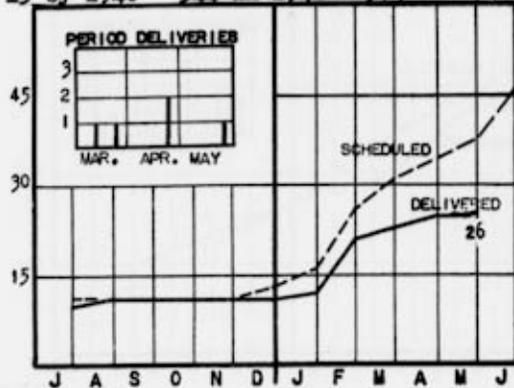
1394 PURSUIT FIGHTER  
180 by 1940 - 1214 in 1941



## AIRPLANES

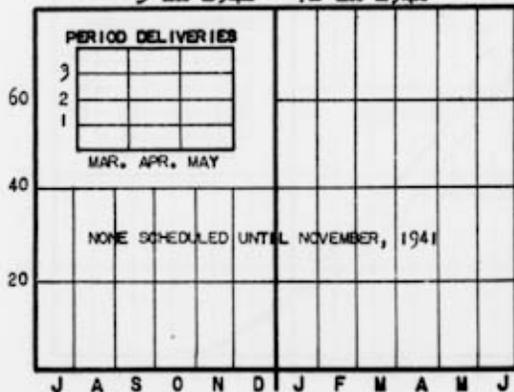
931 TRANSPORT

13 by 1940 - 344 in 1941 - 574 in 1942-43



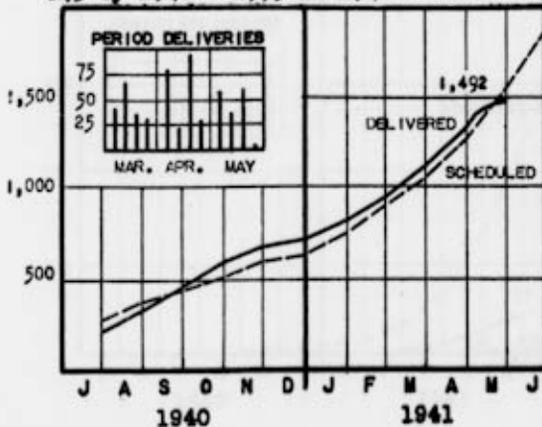
74 AMPHIBIAN

3 in 1941 - 71 in 1942



4440 PRIMARY TRAINER

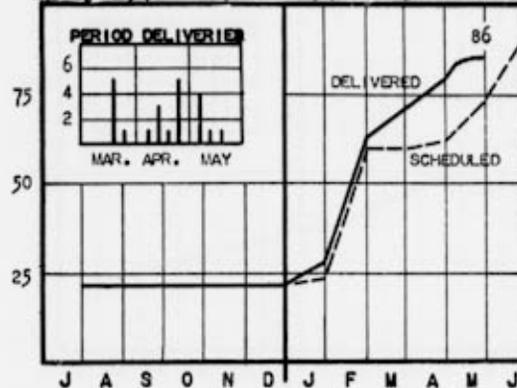
645 by 1940 - 2995 in 1941 - 800 in 1942



## ENGINES

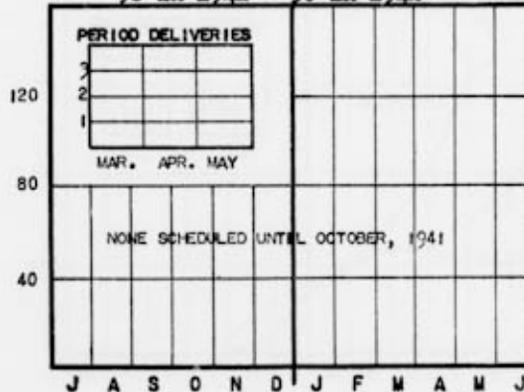
1592 TRANSPORT

22 by 1940 - 242 in 1941 - 1328 in 1942



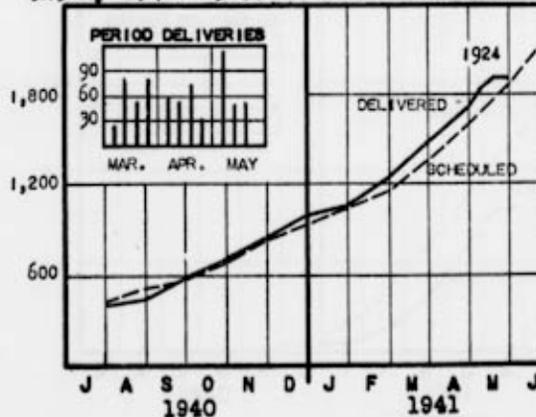
148 AMPHIBIAN

98 in 1941 - 50 in 1942



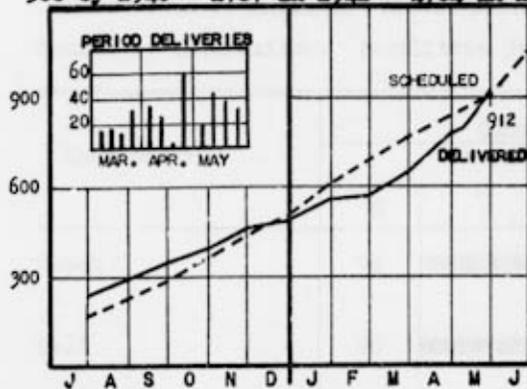
4590 PRIMARY TRAINER

925 by 1940 - 3095 in 1941 - 570 in 1942



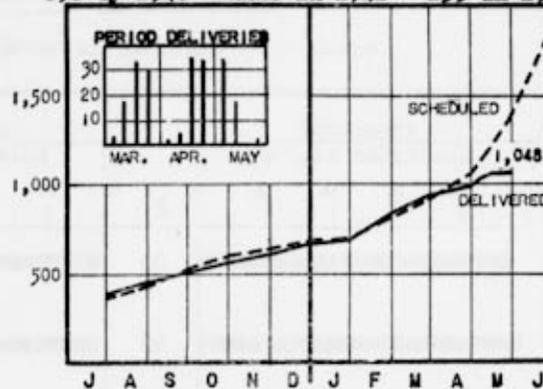
## AIRPLANES

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

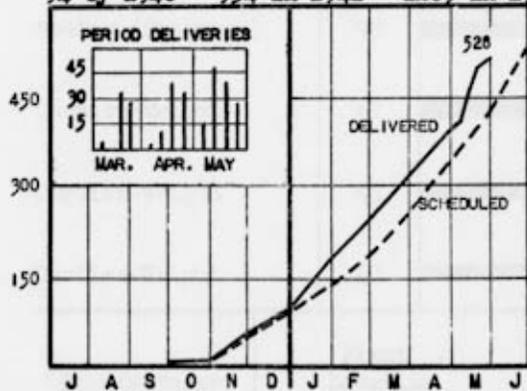


## ENGINES

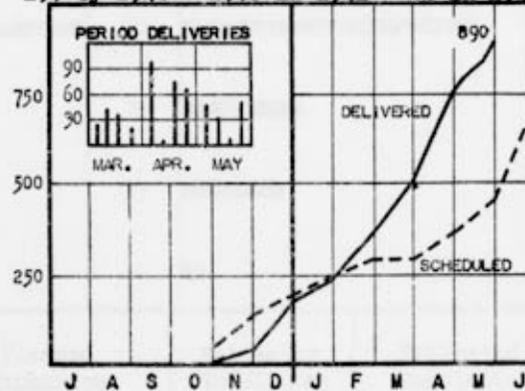
3051 BASIC TRAINER  
696 by 1940 - 2220 in 1941 - 135 in 1942



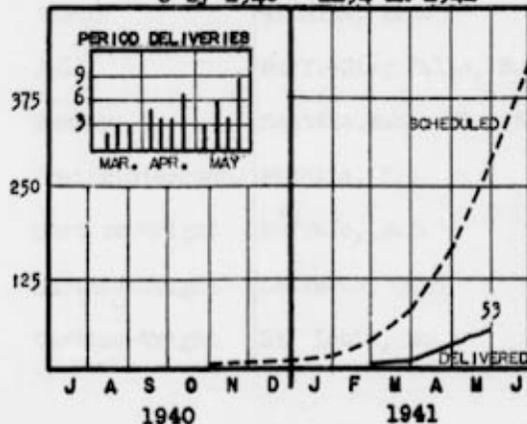
2297 ADVANCE TRAINER, 1 ENGINE  
94 by 1940 - 934 in 1941 - 1269 in 1942



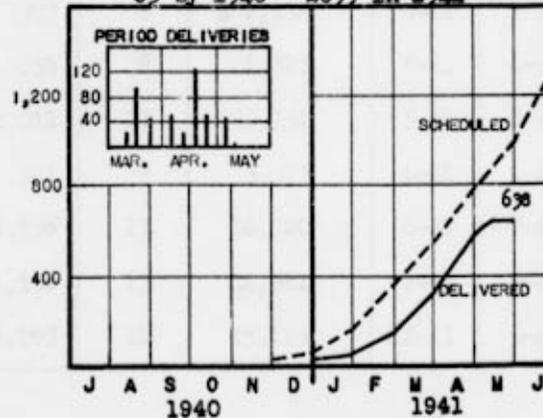
2297 ADVANCE TRAINER, 1 ENGINE  
197 by 1940 - 2078 in 1941 - 22 in 1942



1202 ADVANCE TRAINER, 2 ENGINE  
8 by 1940 - 1194 in 1941

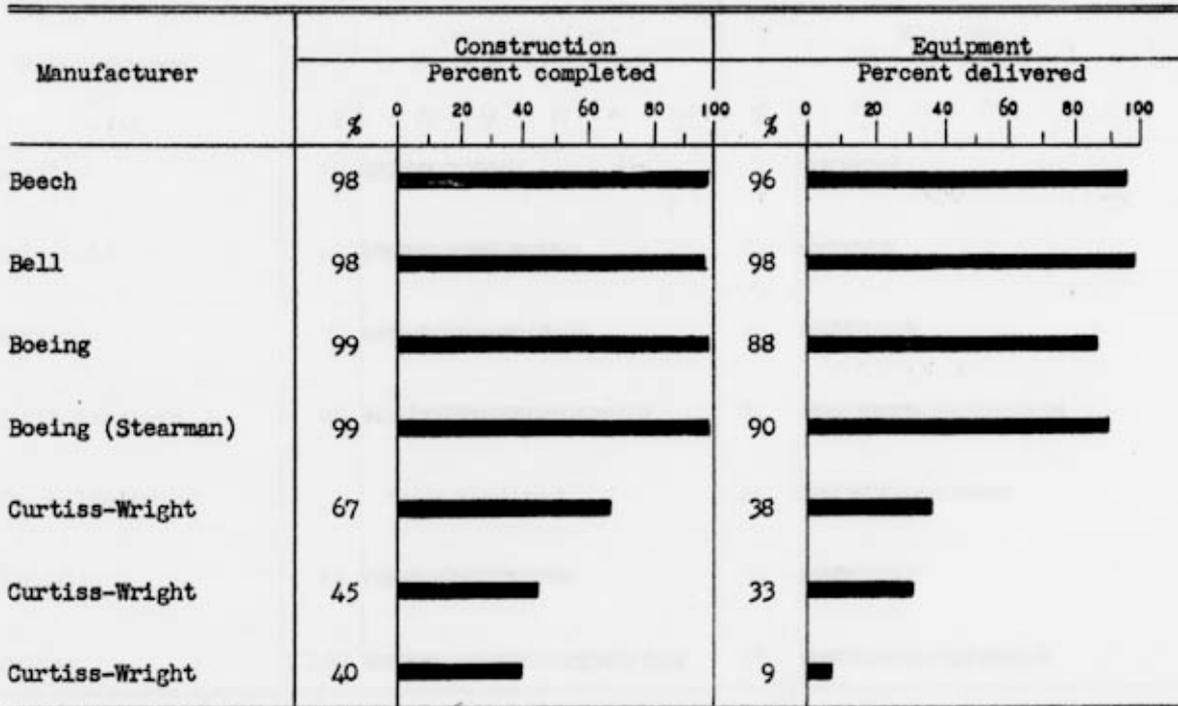


2164 ADVANCE TRAINER, 2 ENGINE  
65 by 1940 - 2099 in 1941



NEW AIRPLANE FACILITIES - ARMY SPONSORED PROJECTS - MAY 15, 1941

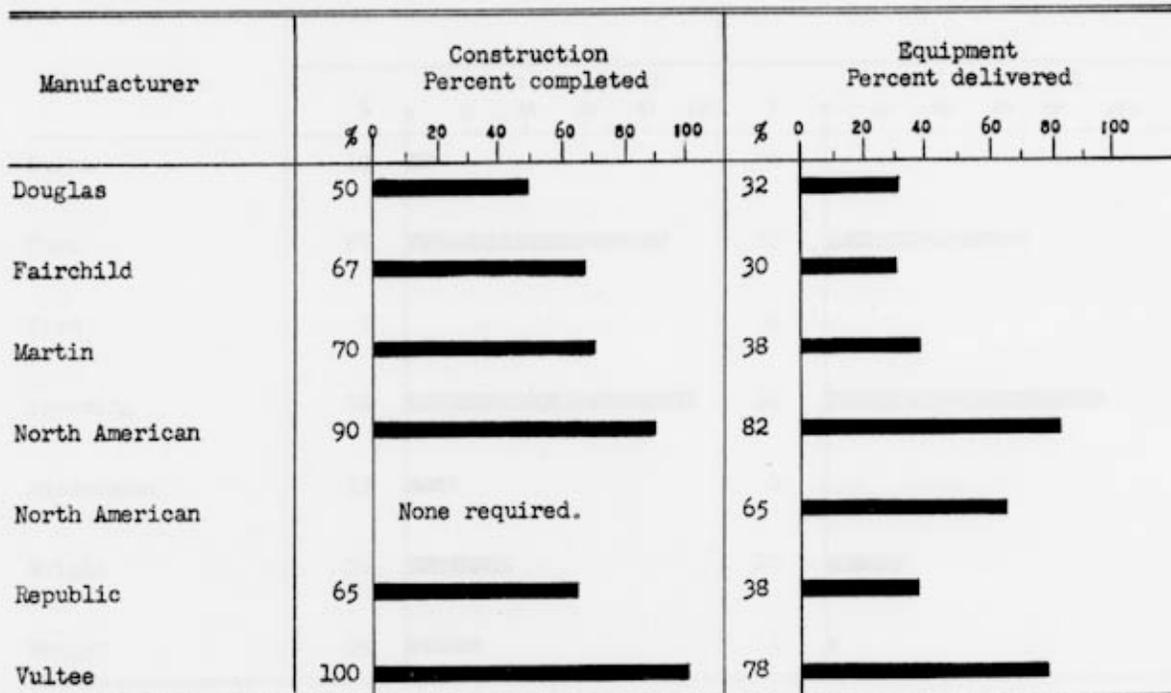
Source of Information: Facilities Section, Materiel Division - Air Corps



Manufacturer	Plant Location	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq. Ft.	Workers		Plant	Equip.
Beech	Wichita, Kan.	393	5	\$ 2,332	6-41	7-41
Bell	Buff.-Niag. Falls, N.Y.	356	8	1,325	5-41	6-41
Boeing	Seattle, Wash.-Wichita, Kan.	2,011	17	22,751	5-41	8-41
Boeing(Stearman)	Wichita, Kan.	541	5	3,677	6-41	4-41
Curtiss-Wright	Buffalo, N.Y.	1,156	13	16,720	6-41	7-41
Curtiss-Wright	Columbus, Ohio	1,156	13	14,381	7-41	8-41
Curtiss-Wright	St. Louis, Mo.	1,163	11	15,145	10-41	1-42

NEW AIRPLANE FACILITIES - ARMY SPONSORED PROJECTS - MAY 15, 1941

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



Manufacturer	Plant Location	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
Douglas	Long Beach, Cal.	1,422	12	\$11,398	7-41	8-41
Fairchild	Hagerstown, Md.	108	1	1,100	6-41	6-41
Martin	Middle River, Md.	2,635	27	24,275	9-41	10-41
North American	Dallas, Texas	1,022	13	7,961	5-41	2-42
North American	Inglewood, Cal.	354	7	2,270	-	10-41
Republic	Farmingdale, L.I., N.Y.	500	8	5,887	9-41	9-41
Vultee	Downey, Cal.	603	3	4,295	5-41	9-41

NEW ENGINE FACILITIES - ARMY SPONSORED PROJECTS - MAY 15, 1941

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

Manufacturer	Construction						Equipment							
	Percent completed						Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Buick	10	█					0							
Ford	87	████████████████████					70	████████████████						
Ford	0							0						
Lycoming	98	████████████████████					94	████████████████████						
Studebaker	18	██						0						
Wright	36	████						27	██					
Wright	25	██						5	█					

Manufacturer	Plant Location	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
Buick	Melrose, Ill.	1,444	11	\$31,075	11-41	9-42
Ford	Dearborn, Mich.	1,034	9	21,965	6-41	10-41
Ford	Ypsilanti, Mich.	854	17	11,737	?	?
Lycoming	Williamsport, Pa.	114	1	1,597	6-41	8-41
Studebaker	S. Bend-Ft. Wayne-Chi.	1,697	14	49,786	6-41	12-41
Wright	Lockland, Ohio	2,120	15	43,037	7-41	12-41
Wright	Paterson, N. J.	488	1	3,425	6-41	8-41

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - June 3, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of May 23, 1941, contract awards have been made on 131 of 134 critical and essential quartermaster items. Of the total programs of the 131 items, an average of ninety-one 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 May 24, 1941 amounted to 12 million, of which 2 million were for clothing and equipage, 6 million for new construction of military posts, 2 million for land acquisition, and 1 million for regular supplies.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended May 23, 1941 include:

Bag, barrack	Headnet, mosquito
Brush, shaving	Jacket, H. B. T.
Brush, tooth	Pillow, feather
Coat, B. & C.	Suspenders, belt, M-36
Comb, rubber, hard	Tape, identification tag
Hat, service, o.d.	Towel, turkish
Hat, working, denim	Undershirt, summer

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

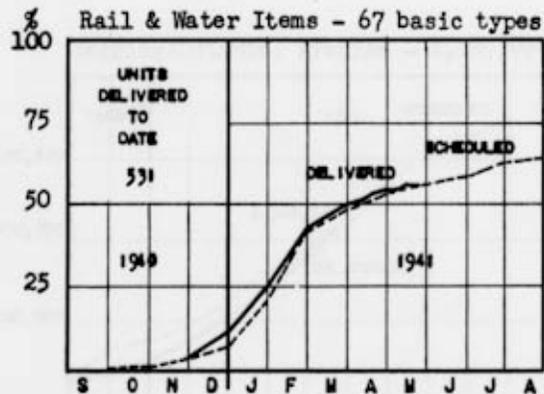
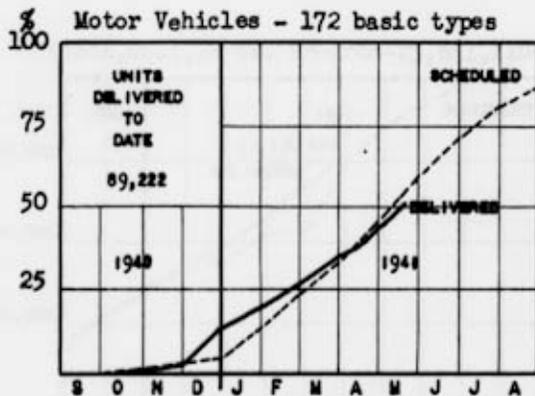
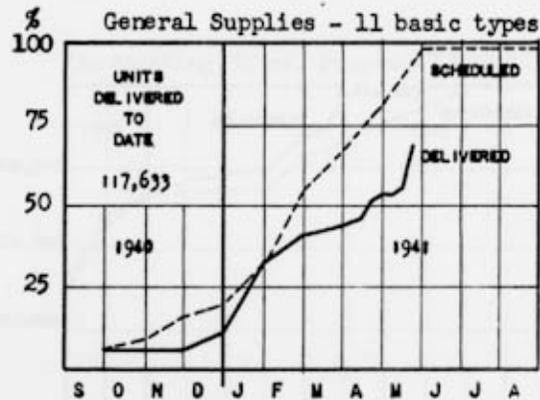
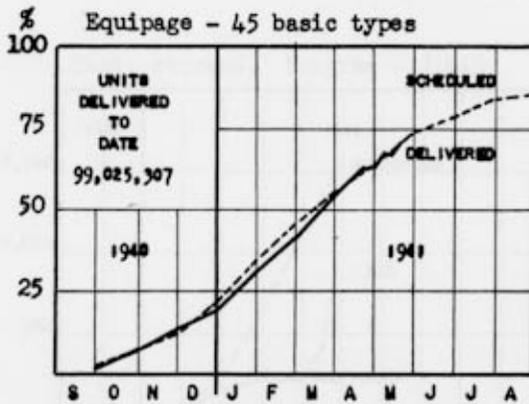
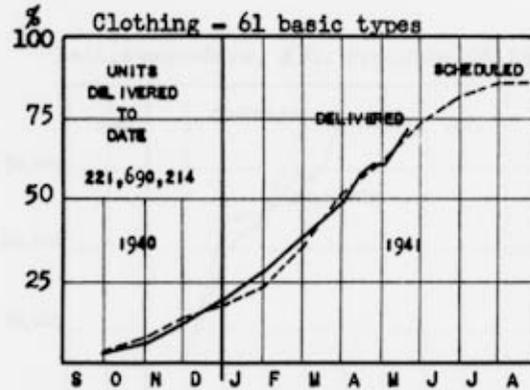
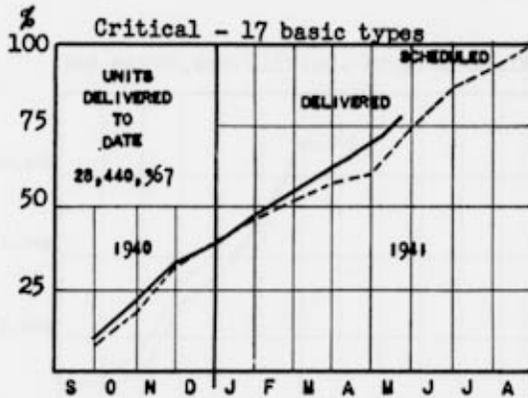
DELIVERIES -- During the quarter-monthly period ended May 23, 1941, deliveries were effected on all but 48 of the 134 items; of these 18 items have been completely procured; 14 are on schedule; 9 have no current schedule, and 7 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 92 are on or ahead of schedule; 8 have no current schedule; 34 are behind schedule. Items currently more than 20% delinquent and also behind March 31 schedules are:

Chest, supply, pack	(84%)	Tent, assembly	(34%)
Bag, cante	(53%)	Can, milk	(31%)
Scabbard, subMG, cal.45	(41%)	Goggles	(20%)

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%.

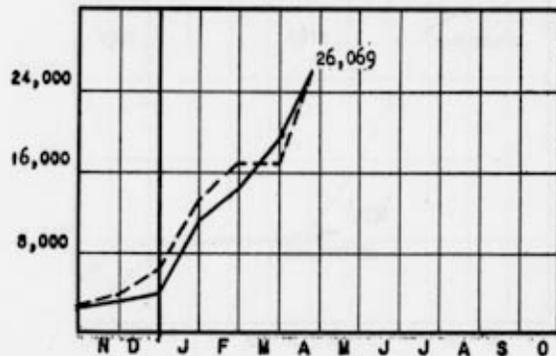
Source of Information: Statistics Branch, CQMG - May 23, 1941



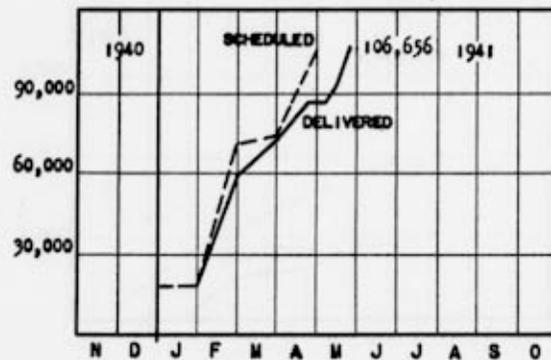
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 23, 1941

Source of Information: Statistics Branch, OQMG

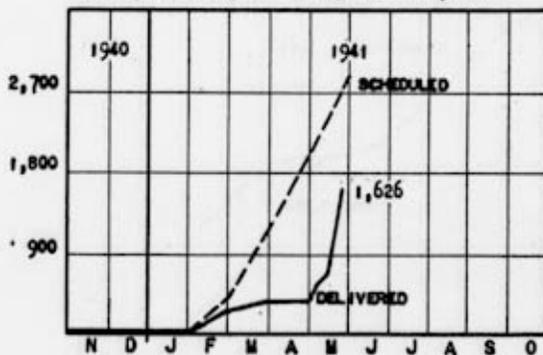
Bag, water, sterilizing. Program-26,069



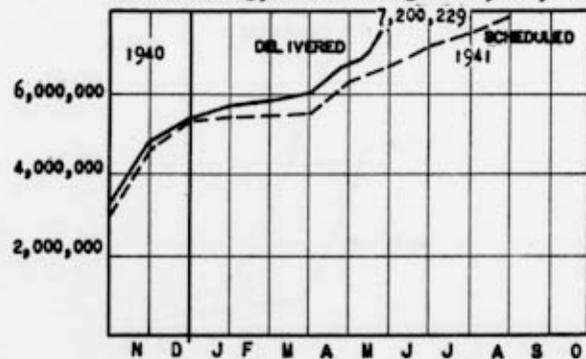
Belt, suspenders, M36. Program-106,656



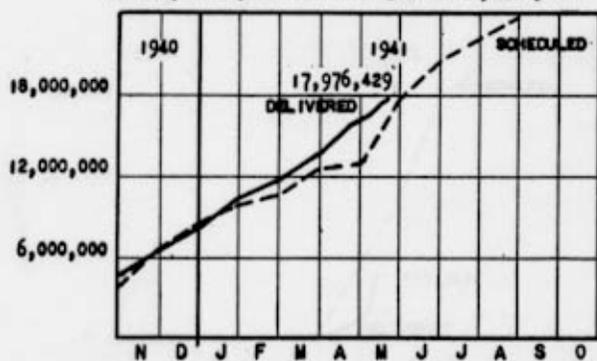
Tent, storage. Program - 3,543



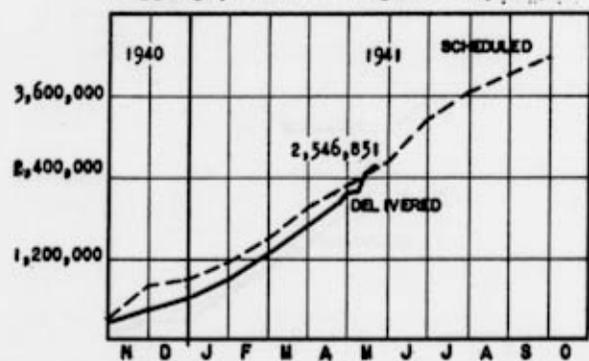
Overcoating, 32 oz. Program-7,872,942



Cloth, wool, 18 oz. Program-23,651,110



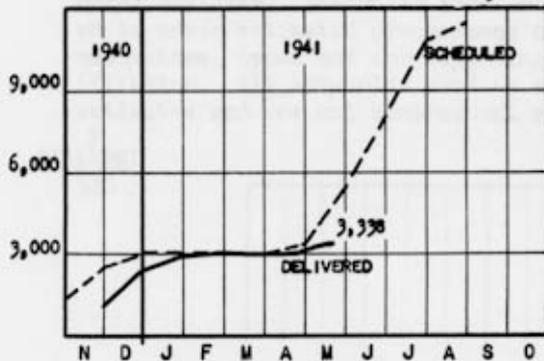
Leggings, dismt'd. Program - 4,189,999



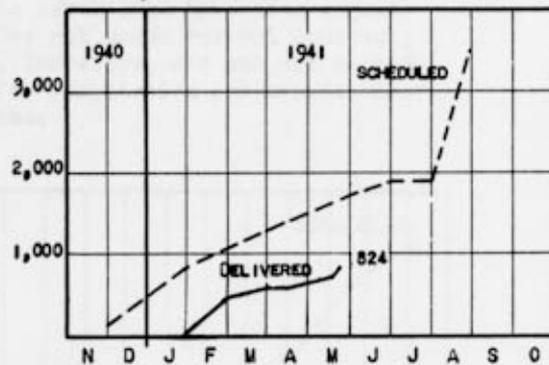
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 23, 1941

Source of Information: Statistics Branch, OQMG

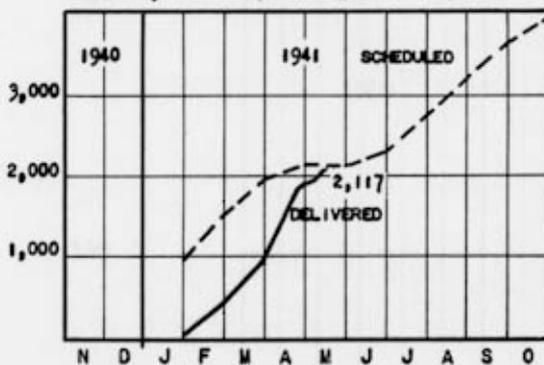
Range, field, M1937. Program - 11,500



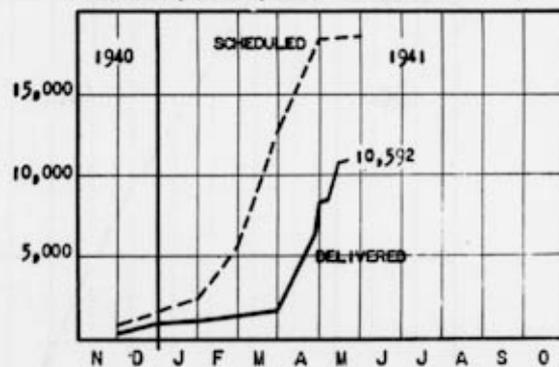
Saddle, Phillips, pack. Program-3,500



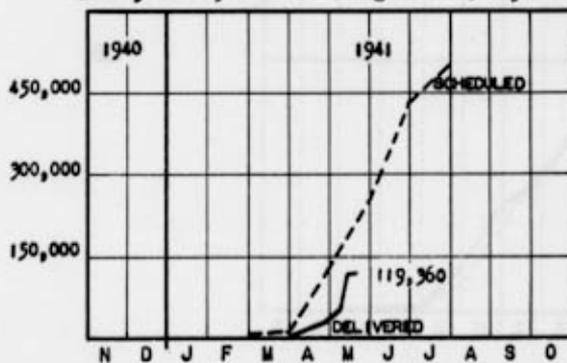
Saddle, Cavalry. Program - 5,828



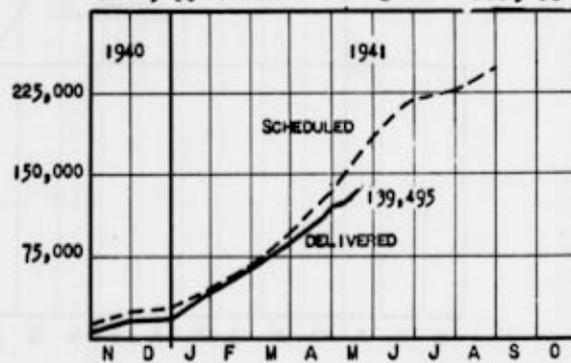
Scabbard, subMG, cal.45. Program-18,338



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



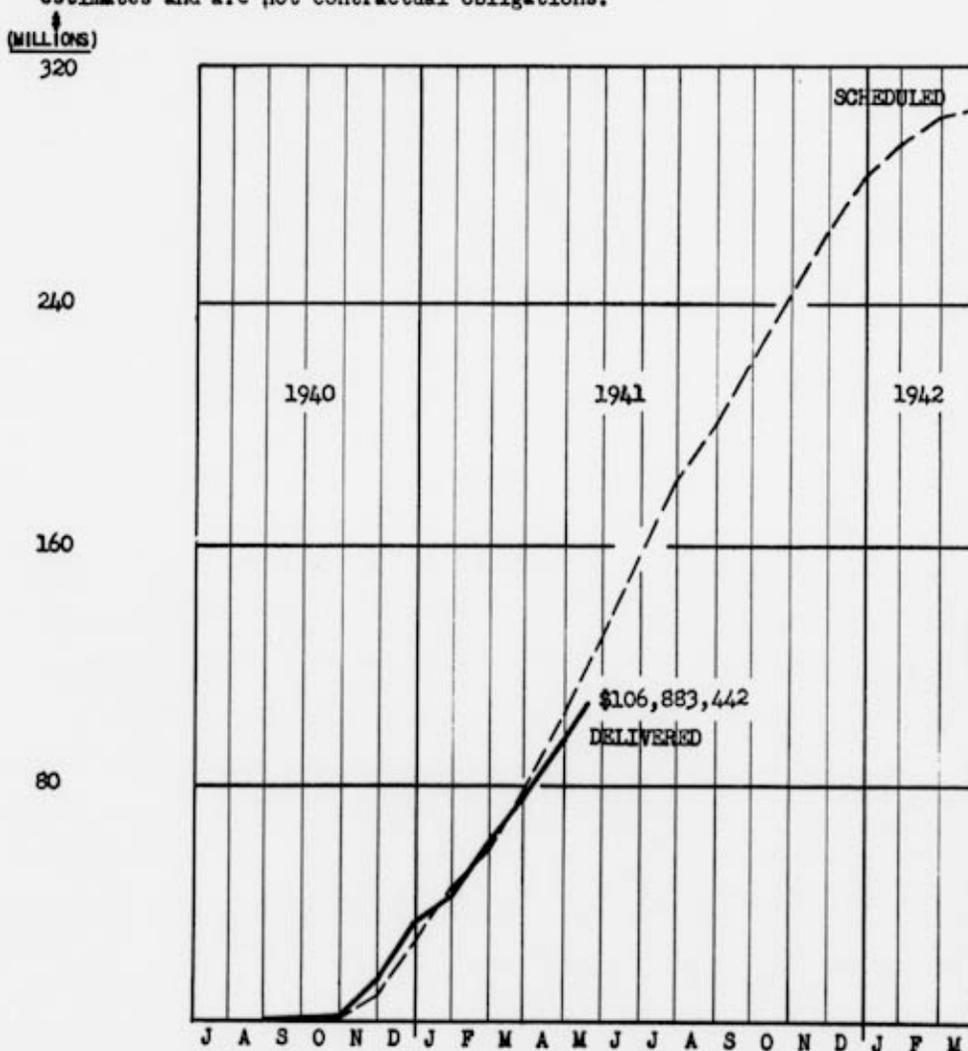
Tent, pyramidal. Program - 355,853



QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM

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.



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - May 17, 1941

Source: Statistics Branch, QMG - OUSW

Of 307 Q.M. construction projects, with a total estimated cost of \$1,379,670,113:

	<u>Cost</u>	
295 projects are started	\$1,363,933,258	(99% of total cost)
66 projects are completed	110,669,591	( 8% of total cost)
27 projects are ahead of schedule	186,310,143	(14% of total cost)
181 projects are on schedule*	962,387,506	(70% of total cost)
21 projects are behind schedule	102,576,018	( 7% of total cost)
12 projects are not started	15,736,855	( 1% of total cost)

Of the 27 projects ahead of schedule, with an estimated cost of \$186,310,143:

12 are from 5-10% ahead	\$108,463,150	(58% of \$186,310,143)
7 are from 11-20% ahead	49,676,447	(27% of \$186,310,143)
8 are over 20% ahead	28,170,546	(15% of \$186,310,143)

Of the 21 projects behind schedule, with an estimated cost of \$102,576,018:

12 are from 5-10% behind	\$50,141,446	(49% of \$102,576,018)
8 are from 11-20% behind	51,736,787	(50% of \$102,576,018)
1 is over 20% behind	697,785	( 1% of \$102,576,018)

Of the 307 Q.M. construction projects, 203 (66%) provide a troop housing capacity of 1,276,995 at an estimated cost of \$798,836,308 (58% of total estimated Q. M. construction cost).

Of the 203 projects providing troop housing:

	<u>Capacity</u>	
202 projects are started	1,275,445	(99% of total)
59 projects are completed	323,815	(25% of total)
20 projects are ahead of schedule	195,696	(15% of total)
111 projects are on schedule*	734,080	(58% of total)
12 projects are behind schedule	23,854	( 2% of total)

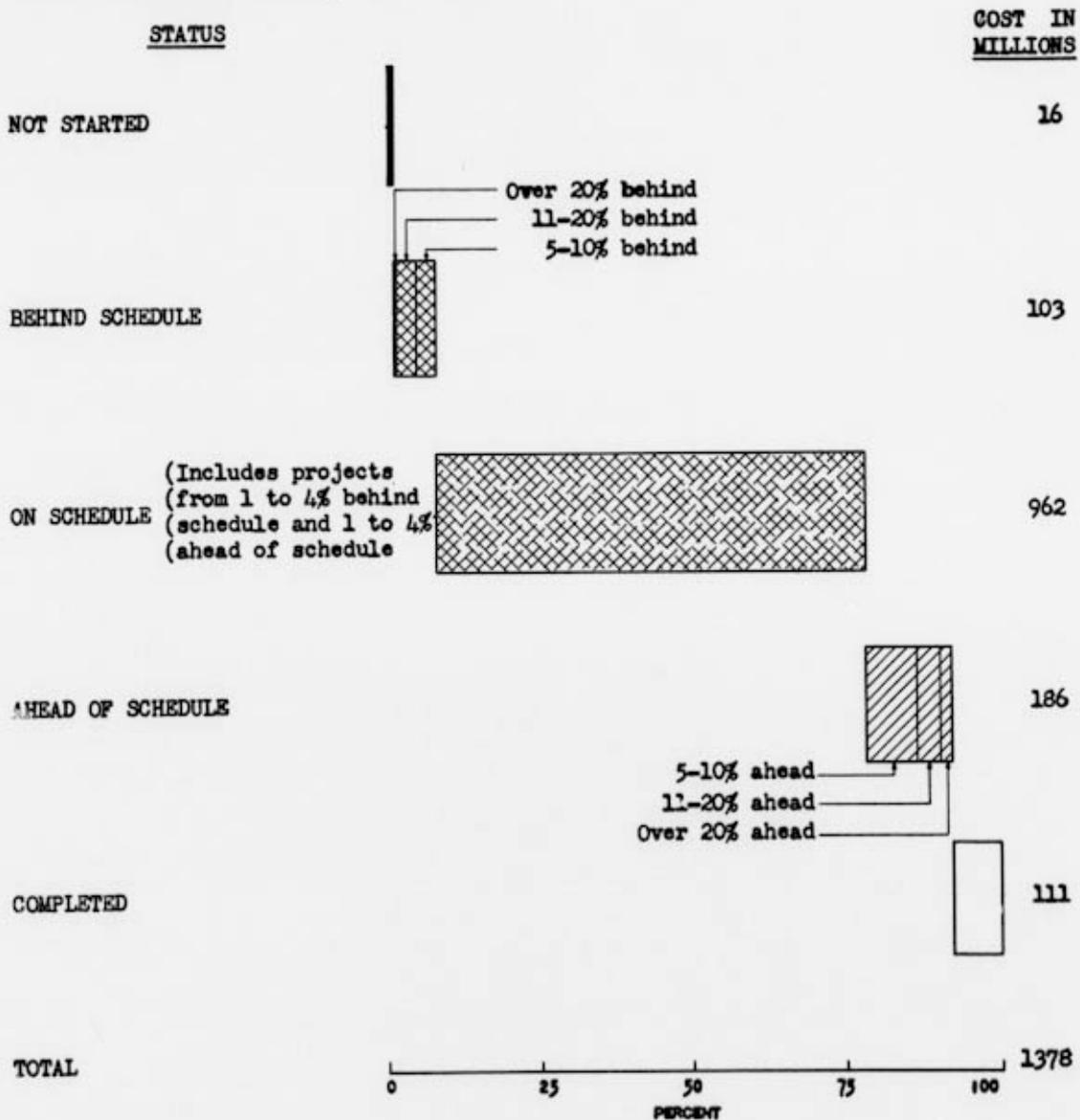
Of the 12 projects behind schedule, with a troop capacity of 23,854:

9 are from 5-10% behind	22,447	(94% of 23,854)
3 are from 11-20% behind	1,407	( 6% of 23,854)
None are over 20% behind	-	( 0% of 23,854)

\*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 - May 17, 1941

Source: Statistics Branch, OCMG - OUSW



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - MAY 31, 1941

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

GENERAL -- During the week ended May 31 deliveries were received on 27 of the 70 critical items of Signal Corps equipment now under contract. Numerous delinquencies persist, for one reason or another, despite aggressive measures being taken to increase production. While quantities delinquent are, in some cases, rather small, a total of 35 items are now behind scheduled deliveries. Fifteen additional items were added to the delinquency list at the end of May.

Contracts covering the purchase of the following critical items were completed last week:

45 Radio set, ground SCR-197	1,200 Interphones (aircraft) RC-36
4,000 Telephones EE-3-A	413 Interphones (aircraft) RC-45
1,300 Interphones (aircraft) RC-27	400 Interphones (aircraft) RC-51

A few contract awards have been made for equipment to be procured under the Fifth Supplemental program. Many contracts are now being arranged and a large volume of awards is anticipated within the next two weeks.

Rapid progress has been made in the improvement of radio communication in combat vehicles. The First and Second Armored Division light and medium tanks are being equipped with new type high frequency radio and the Third and Fourth Armored Divisions, activated on April 15, will be furnished with still more advanced radio communication equipment.

LABOR DIFFICULTIES - Signal Corps production is not being seriously retarded by labor disputes, as there are only two companies having direct contracts with the Signal Corps whose plants are now closed as a result of labor difficulties - Feiner & Sons, New York City and the Crescent Tool Company, Jamestown, New York.

RADIO EQUIPMENT - Last week a total of 992 radio sets of various types were delivered. This is the largest total received during any weekly period to date. Of the sets received, 876 were of the "Walkie-Talkie" type, the delivery of which remains slightly behind schedules due to a shortage of accessories (microphones and antennae). There are on hand 3,452 additional "Walkie-Talkie" sets, which are awaiting delivery of necessary accessories. Delivery of these items is now being received in volume and no further delay is anticipated.

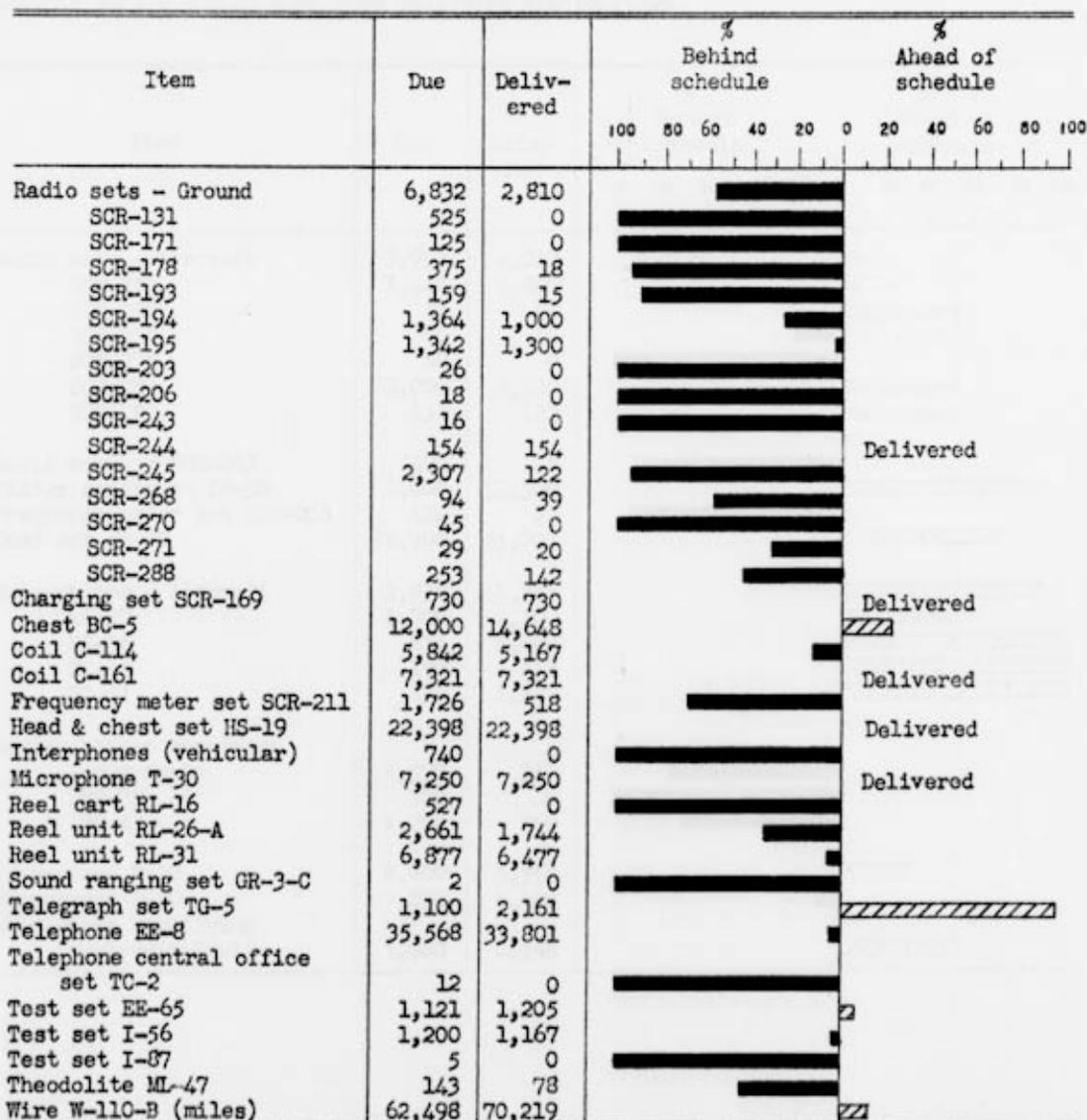
Several other ground radio sets are substantially behind scheduled deliveries. In five instances, the manufacturers of the major components of these sets are either on or ahead of schedules, but a shortage of minor parts or accessories is delaying delivery of complete units. Necessary action has been taken to eliminate these shortages.

Delivery of aircraft radio equipment is progressing satisfactorily with only minor delinquencies being reported.

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - GROUND EQUIPMENT - MAY 31, 1941

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

Diagram presents an overall picture of the present status of the F.Y. 1941 procurement program only. In the interest of simplicity, only those items upon which quantities are due or have been delivered are included.



STATUS OF SIGNAL CORPS PROCUREMENT - F. Y. 1941 - AIRCRAFT - MAY 31, 1941

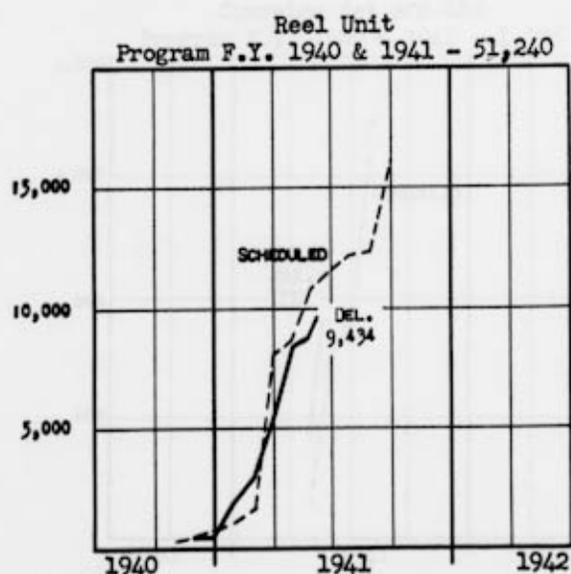
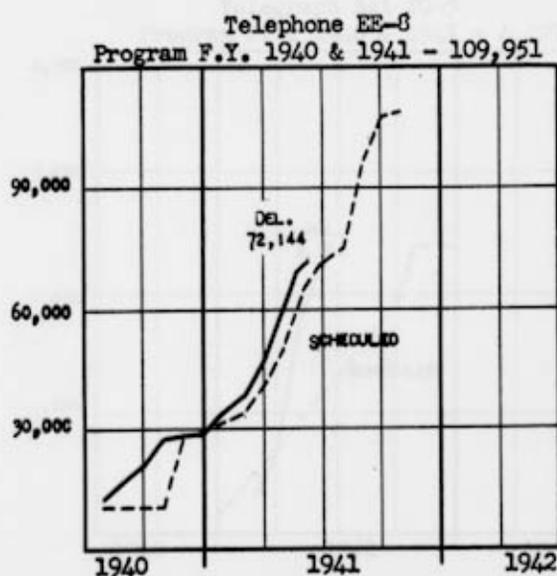
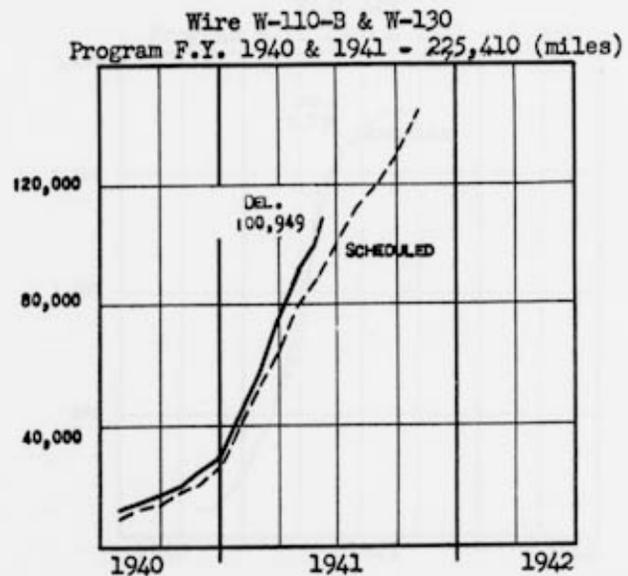
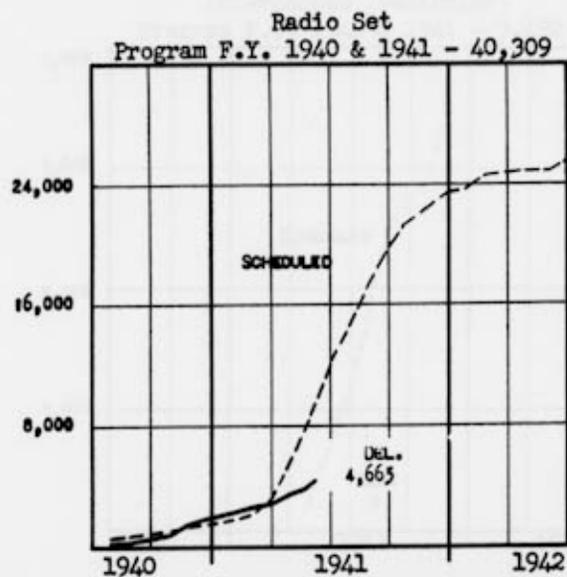
Source of Information: Supply Division, Office of the Chief Signal Officer

Diagram presents an overall picture of the present status of the F.Y. 1941 procurement program only. In the interest of simplicity only those items upon which quantities are due or have been delivered are included.

Item	Due	Deliv- ered	% Behind schedule						% Ahead of schedule					
			100	80	60	40	20	0	20	40	60	80	100	
Radio sets - Aircraft	3,751	4,047												
SCR-183	1,442	1,800												
SCR-187	67	67												
SCR-238	60	48												
SCR-274	50	0												
SCR-283	2,000	2,000												
SCR-287	132	132												
Radio compass SCR-263	400	45												
Filter equipment RC-32	6,000	11,300												
Frequency meter set SCR-211	432	22												
Head set HS-23	20,700	35,000												
Interphones - Aircraft	2,838	5,353												
RC-27	1,300	1,300												
RC-36	831	2,000												
RC-45	190	413												
RC-51	517	1,640												
Marker beacon receiving equipment	1,570	350												
RC-39	320	0												
RC-43	1,250	350												
Microphone T-20	2,700	3,550												
Microphone T-30	7,250	6,468												
Microphone amplifying equipment RC-19	1,800	2,750												

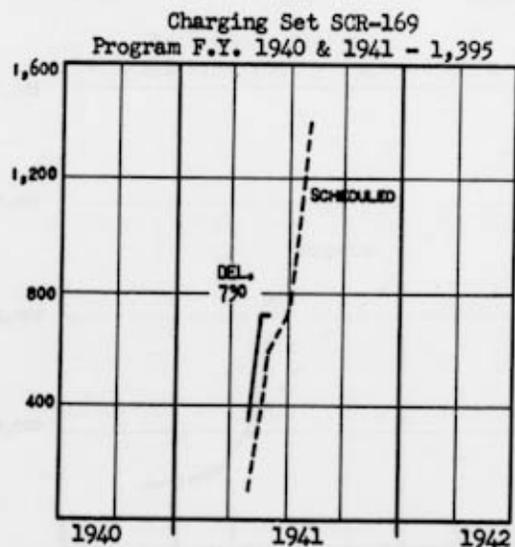
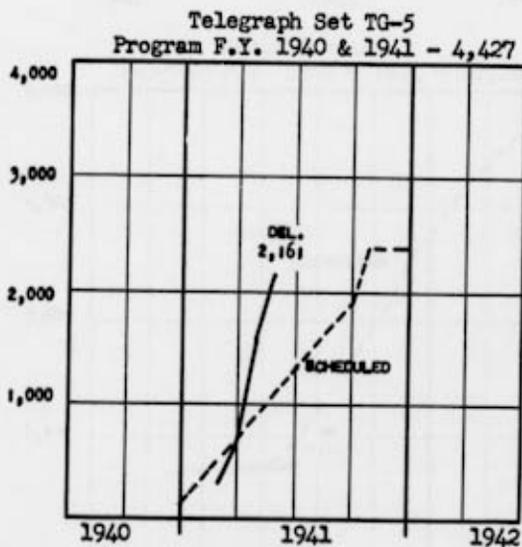
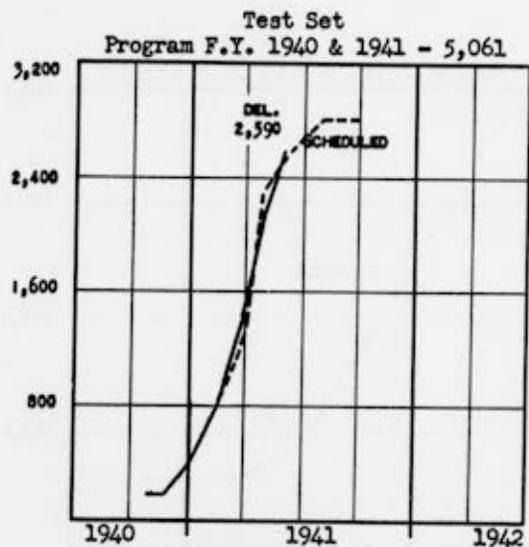
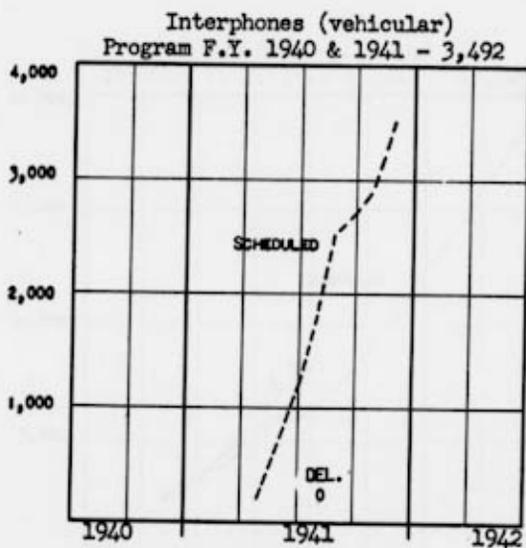
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 31, 1941

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



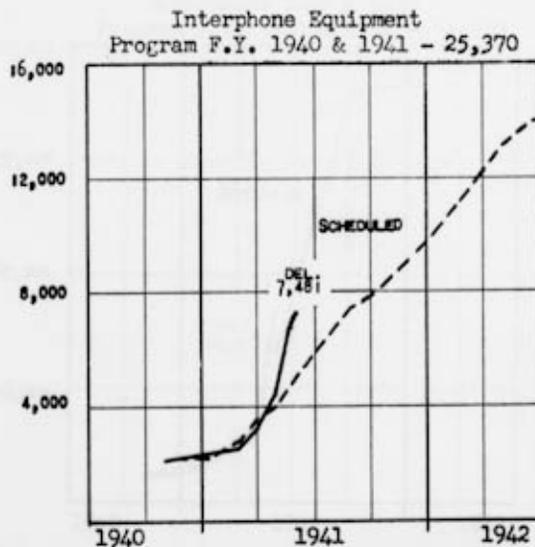
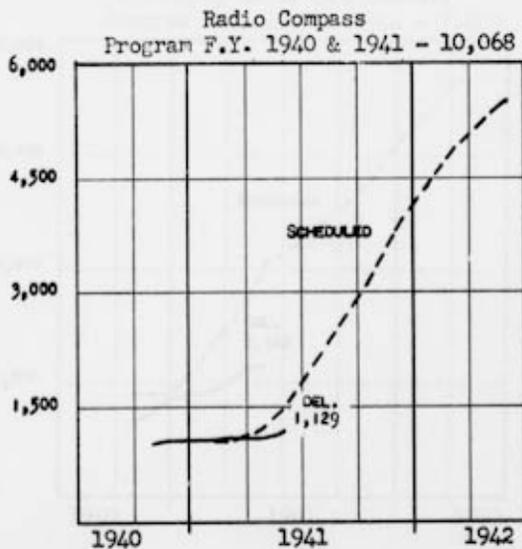
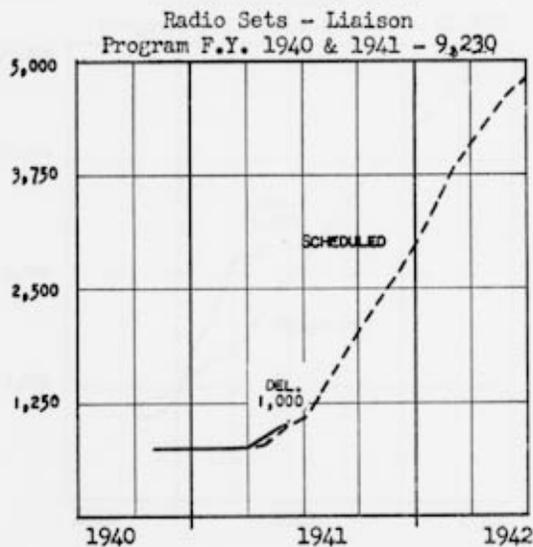
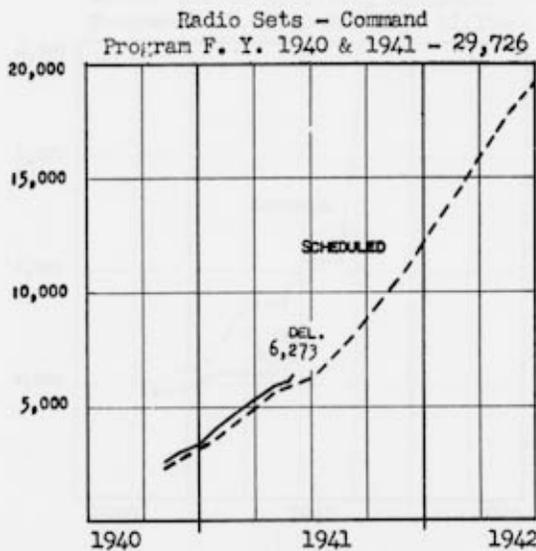
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 31, 1941

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



SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - MAY 31, 1941

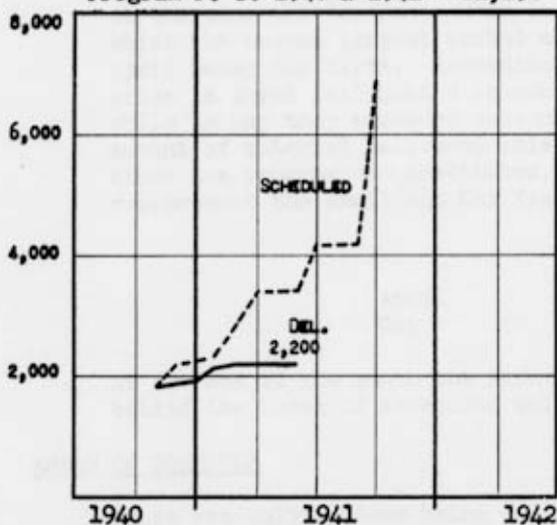
Source of Information: Supply Division, Office of the Chief Signal Officer



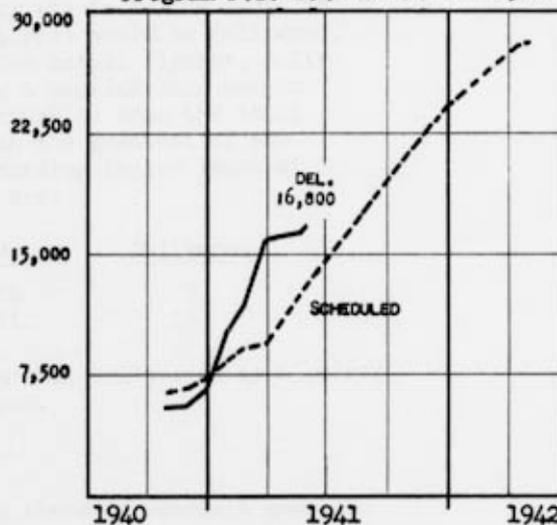
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - MAY 31, 1941 (PAGE II)

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

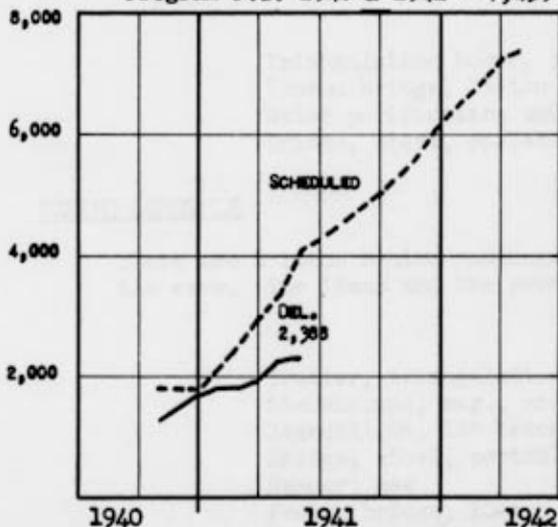
Marker Beacon Receiving Equipment  
Program F. Y. 1940 & 1941 - 11,196



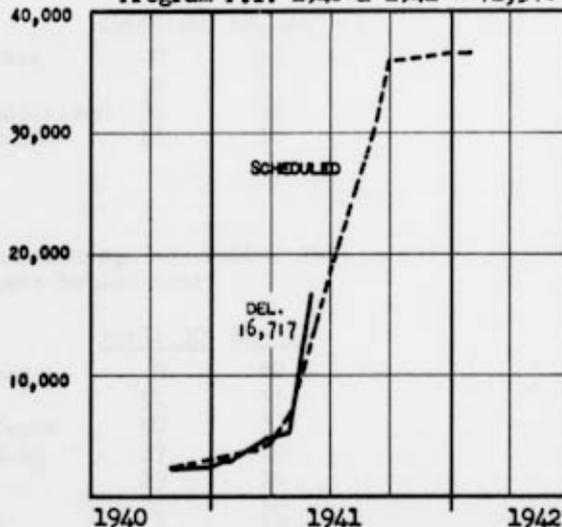
Filter Equipment RC-32  
Program F.Y. 1940 & 1941 - 42,348



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



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



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

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

GENERAL

For the month of May the program of Engineer procurement made a satisfactory showing. According to the schedules drawn up at the time the contracts were let, May was to be the month in which the second largest amount of materiel would be delivered, April being the first. According to the actual figures, deliveries in April fell behind schedule by a considerable margin while in May they exceeded schedule enough to make the total amount of materiel delivered this month the greatest of any since the program was instituted. According to our index of procurement the April and May figures are:

	<u>Scheduled</u>	<u>Delivered</u>
April	16	9
May	11	13

At the end of the month the index of actual deliveries is 6 points behind the index of scheduled deliveries.

AHEAD OF SCHEDULE

There are only 4 items being delivered ahead of schedule compared with 6 on April 30. The items and the percentages ahead of schedule on April 30 and May 31 are:

	<u>April 30</u>	<u>May 31</u>
Triangulation tower, portable	0	65
Ponton bridge, 25-ton	0	39
Water purification unit, motorized	31	17
Bridge, steel, portable, H-10	15	16

BEHIND SCHEDULE

There are 8 items behind schedule. A month ago the number was the same. The items and the percentages behind are:

	<u>April 30</u>	<u>May 31</u>
Trailer, triangulation tower	0	80
Stereoscope, mag., mirror	54	55
Searchlight, 18" beach defense	80	32
Bridge, steel, portable, H-20	67	30
Hammer, gas	23	26
Ponton bridge, 10-ton	34	18
Compressor, air, motorized	11	12
Searchlight, 60" antiaircraft	23	12

TEXT SUMMARY - CORPS OF ENGINEERS (Continued)

SEARCHLIGHT, 60" ANTI-AIRCRAFT

The searchlight situation is continuing to improve. For the month deliveries exceeded schedules even though for the past week deliveries of 45 searchlights were 1 less than the number scheduled. The figures for the month are:

	<u>Scheduled</u>	<u>Delivered</u>	<u>Excess Deliveries</u>
Sperry Gyroscope Corp.	110	130	20
General Electric Company	<u>75</u>	<u>130</u>	<u>55</u>
	185	260	75

The number and percentages that the two companies were behind schedule on April 30 and May 31 are:

	<u>April 30</u>		<u>May 31</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Sperry Gyroscope Corp.	170	30	150	22
General Electric Company	<u>40</u>	12	<u>+ 15</u>	<u>+ 4</u>
	210	23	135	12

Attention is called to the fact that the General Electric Company was ahead of schedule on May 31. With the past month's performance as a guide the combined shortage of 135 lights can be made up in less than 2 months and total deliveries will equal schedules by the end of July.

PROGRAM COMPLETED

The program of 33 triangulation towers was completed during the past week. This brings to 9 the number of Engineer items which are 100 percent contracted and delivered.

HAMMER, GAS

The delivery of 100 hammers when 50 were scheduled for the past week made the situation for this item much better but it is still 242 or 26 percent behind schedule. This is the item which was held up for a time by the inability of a sub-contractor to obtain vanadium.

CORPS OF ENGINEERS - INDEX OF ENGINEER PROCUREMENT - MAY 31, 1941

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

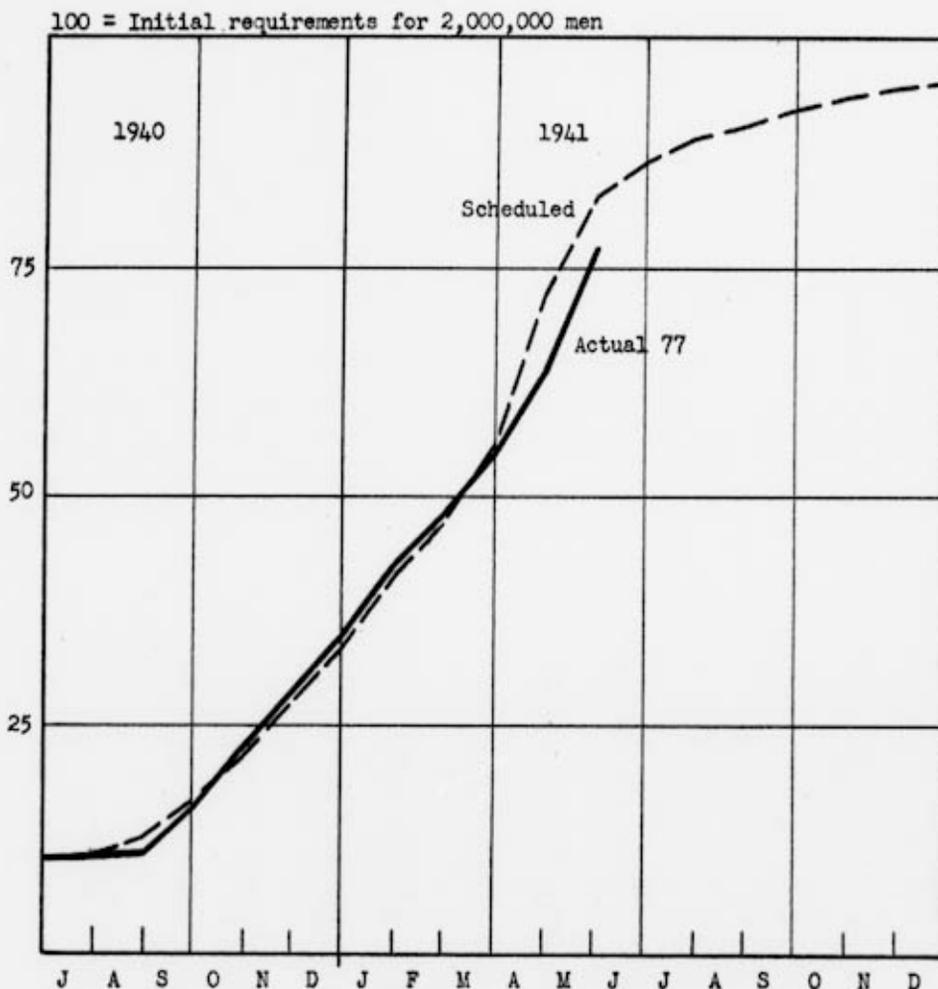
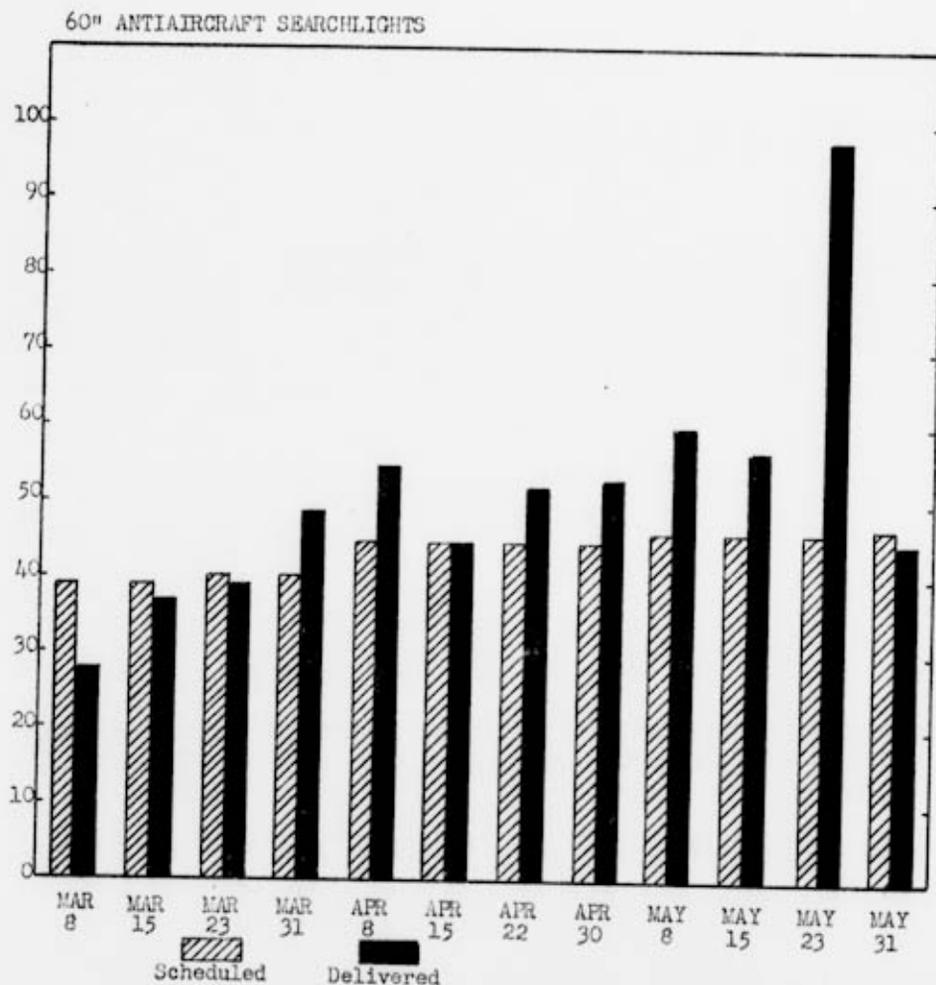


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 31, 1941

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



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - MAY 15, 1941

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

GENERAL

The construction at Air Corps stations by the Corps of Engineers is divided into eight groups: G.H.Q. Air Force, aircraft assembly plants, Air Corps depots, pilot schools, engineering experimental depots, observation units, technical schools and replacement centers. The total estimated cost is \$382,600,000. The estimated value of work in place is now \$158,400,000 or 41 percent of the total.

TROOP CAPACITY

The troop capacity of this construction is 199,777 men. About 52 percent of the housing is in place. Troop accommodations are complete, or nearly so, on several projects.

NEW PROJECTS

One new project was reported this period. It is the Dothan Airfield located at Dothan, Alabama. This project is the construction of an airfield with temporary housing and technical facilities. It is listed as a pilot school with an estimated cost of \$3,314,000, and will have a troop capacity of 2,619 men.

CHANGES

One project was not reported this period--an observation unit at Fort Dix, N. J., for which the estimated cost is \$243,000. This project was reported for the first time last period and the approval of the layout plan was pending with the Air Corps.

There was reported for the first time a G. H. Q. Air Force station at Hickam Field, Hawaii. The original estimated cost of \$14,800,000 has been reduced to \$6,929,000, with the troop capacity remaining unchanged--1,792 men. This project is scheduled to be completed in November, 1941.

G. H. Q. AIR FORCE

The estimated cost of this group is \$161,500,000 or 42 percent of the total. About \$93,900,000 is in place. This is 58 percent of the estimated cost of this group and 59 percent of all work in place.

AIRCORPS CONSTRUCTION - (Continued)

AIRCRAFT ASSEMBLY PLANTS

This group is composed of four projects. The estimated cost is \$62,200,000 and value of work in place is \$3,400,000 or 5 percent of the cost. Three of the four are scheduled for completion December 31, 1941, and the other (Tulsa) is pending approval of the final plans.

TECHNICAL SCHOOLS

The estimated cost of this group is \$51,600,000. The work in place is \$29,100,000. This is 56 percent of the estimated cost and 18 percent of the total work in place.

AIR CORPS DEPOTS

The estimated cost is \$37,000,000. The value of work in place is \$15,100,000, or 41 percent of the estimated cost.

PILOT SCHOOLS

In the last month the estimated cost has risen about \$11,000,000 and is now \$45,800,000. This is 12 percent of the total. The value of work in place is \$11,200,000, or 24 percent of the estimated cost.

ENGINEERING EXPERIMENTAL SCHOOLS

The estimated cost is \$11,100,000, about 3 percent of the total. Of this, \$4,500,000 or 41 percent is in place.

OBSERVATION UNITS

The estimated cost is now \$6,900,000 for this group, which is 2 percent of the total cost. The value in place is \$600,000 or 9 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 \$5,304,000, and it has a troop capacity of 9,500 men. About 10 percent or \$500,000 is in place.

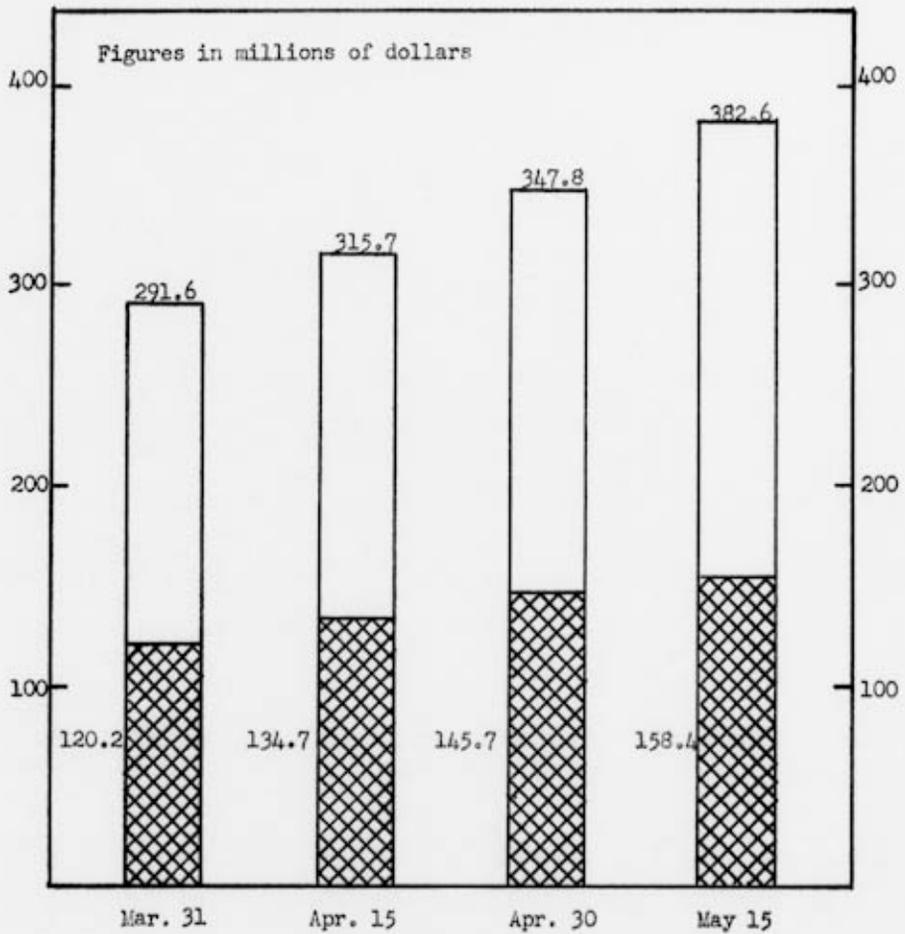
DIAGRAM

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 7, 1941

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

The delivery of surgical instruments continues to be unsatisfactory. Labor troubles coupled with lack of basic materials and inability of those companies not set up to produce their own forgings to procure them from the usual sources of supply is leading to a greater number of contractors being behind schedule.

The Washington Post, June 3, reports: "In Cleveland, the Picker X-ray Corporation plant, said to be the only maker of portable X-ray units for the Army Medical Corps, was shut by a strike of a C. I. O. United Electrical, Radio and Machine Workers union local. About 200 employes failed to report for work. The union has been seeking higher wages, but a company spokesman said the deadlock was reached after the company rejected demands for a closed shop and the union refused to accept a 'no strike' and arbitration clause".

Last week a strike was reported at the Shampaine Company, St. Louis, Missouri, which has a contract with the Medical Department for Operating Tables. Other labor troubles are threatened in the George P. Pilling Son Company, Philadelphia, Pennsylvania, manufacturers of surgical instruments, and in the Hospital Supply Company, New York, N. Y. The latter company has numerous contracts for Hospital Sterilizers of various types and sizes.

During the week ending May 23, E. R. Squibb and Sons, Brooklyn, New York, made final delivery of 42000 tins of anesthetic ether on a contract for 209000 which has been delinquent since February 27, 1941.

Of sixty-eight selected items as of May 23, eighteen are ahead of schedule, thirty-five on schedule and fifteen behind schedule. This is a very satisfactory condition and deliveries continue to be made steadily.

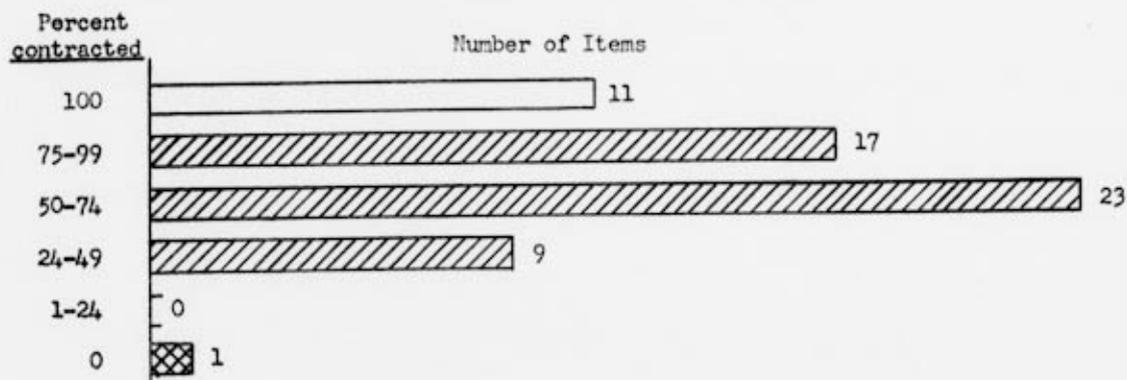
According to a summary of Weekly Vital Statistical Report No. 21, May 29, 1941, published in the office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 3.46. This percentage shows 2.95 remaining in hospitals and .51 in quarters.

MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - MAY 23, 1941

Source of Information: Medical Department Procurement Progress Reports

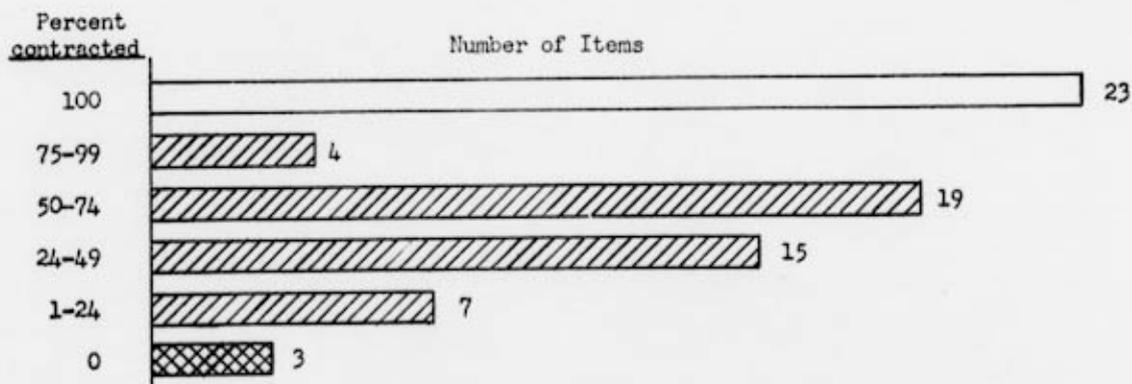
NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED

thru 5-15-41



NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED

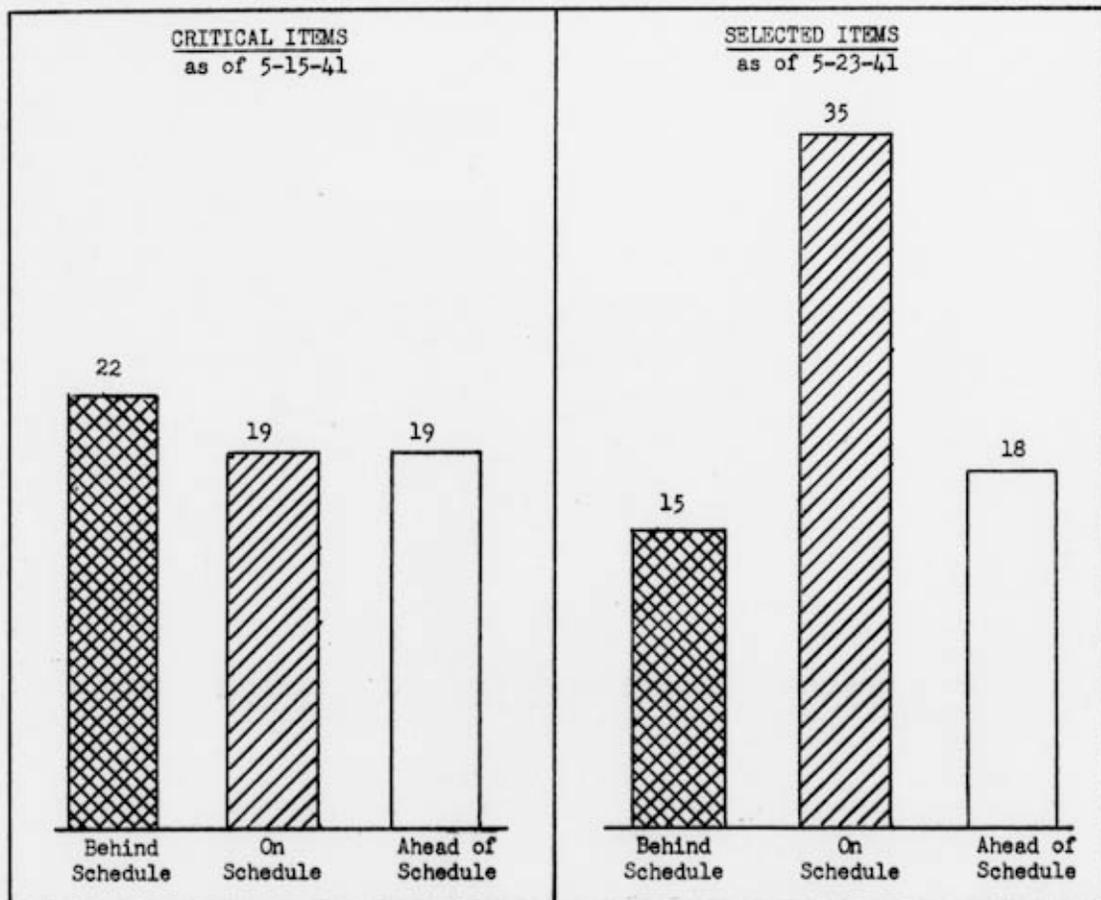
thru 5-23-41



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - MAY 23, 1941

Source of Information: Medical Department Procurement Progress Reports

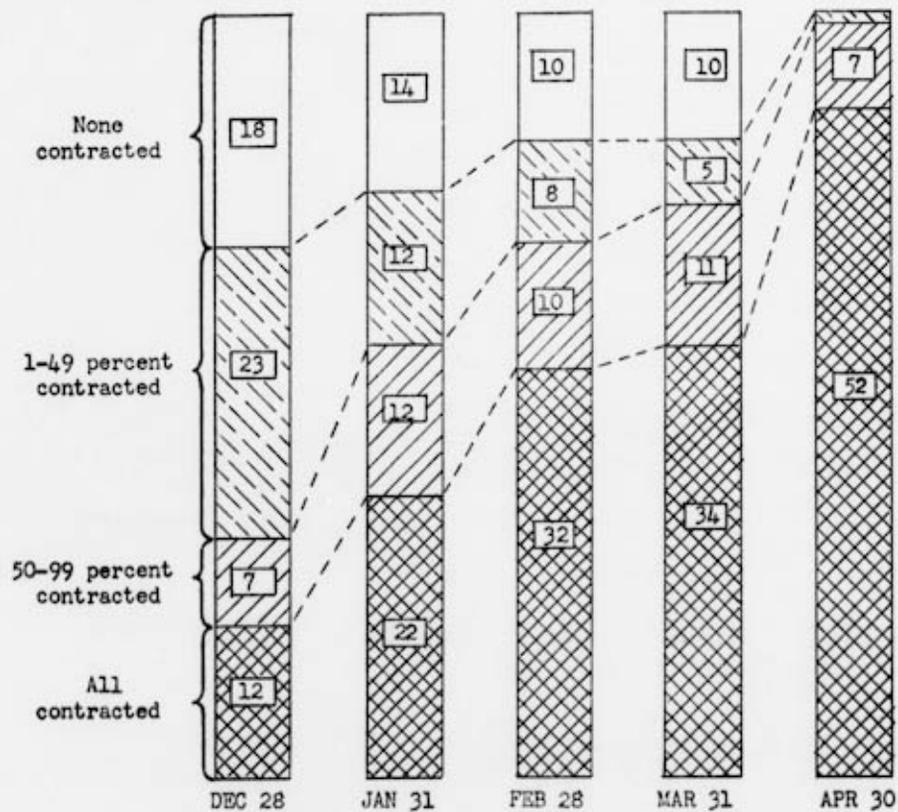
NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



MEDICAL DEPARTMENT - CONTRACT STATUS OF 60 CRITICAL ITEMS BY MONTHS

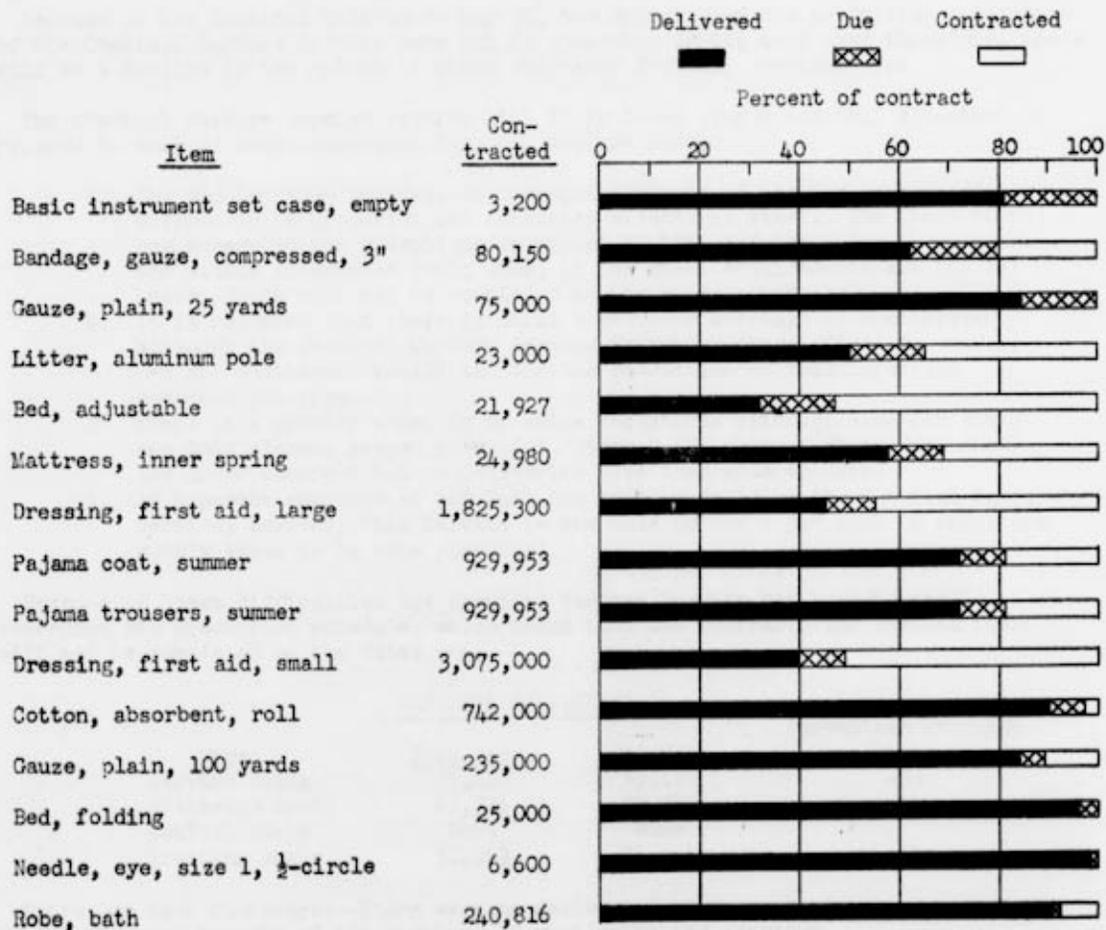
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS AND PERCENT OF PROGRAM CONTRACTED  
Fifth Supplemental not included



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - MAY 23, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS ON MAY 30, 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 of the Fifth Supplemental National Defense Appropriation.

Because of the National holiday on May 30, the majority of the production facilities of the Chemical Warfare Service were not in operation during that day; therefore, there will be a decline in the volume of items delivered from the previous week.

The Chemical Warfare Service reports that it is faced with a critical situation in regards to some of their important Chemical Warfare items.

1. The construction progress of impregnite plants is impeded because of the difficulty in procuring the necessary structural steel. The first plant was scheduled for operations on August 1, 1941 and the other three about the middle of October 1941; thus, if the steel requirements are not met these plants will not be completed on the dates scheduled.
2. It is reported that there is still a definite shortage of Whetlerite although the Chemical Warfare Service is making every effort to procure new and additional facilities for the production of this important chemical absorbent.
3. There is a growing scarcity of White Phosphorus although some few weeks ago this element seemed plentiful. Some 3,034 tons of White Phosphorus are under contract but no deliveries have been made to date.
4. An apparent shortage of 66" Duck has been reported by the Chemical Warfare Service; however, this Service is now able to use a 34" Duck of which the supply seems to be more plentiful.

Because of these difficulties the Chemical Warfare Service has been forced to rearrange its production schedules which means that the contracts for certain items will not be completed on the dates set.

GAS MASK DELIVERIES

<u>Type</u>	<u>This Week</u>	<u>Last Week</u>	<u>Percentage Increase or Decrease</u>
Service Masks	37,419	55,477	-33
Diaphragm Masks	63,724	67,827	- 6
Optical Masks	None	None	
Training Masks	51,963	36,844	+41

Extra Gas Mask Canisters:--There were no deliveries of Extra Canisters reported during the week because of the shortage of whetlerite and aluminum.

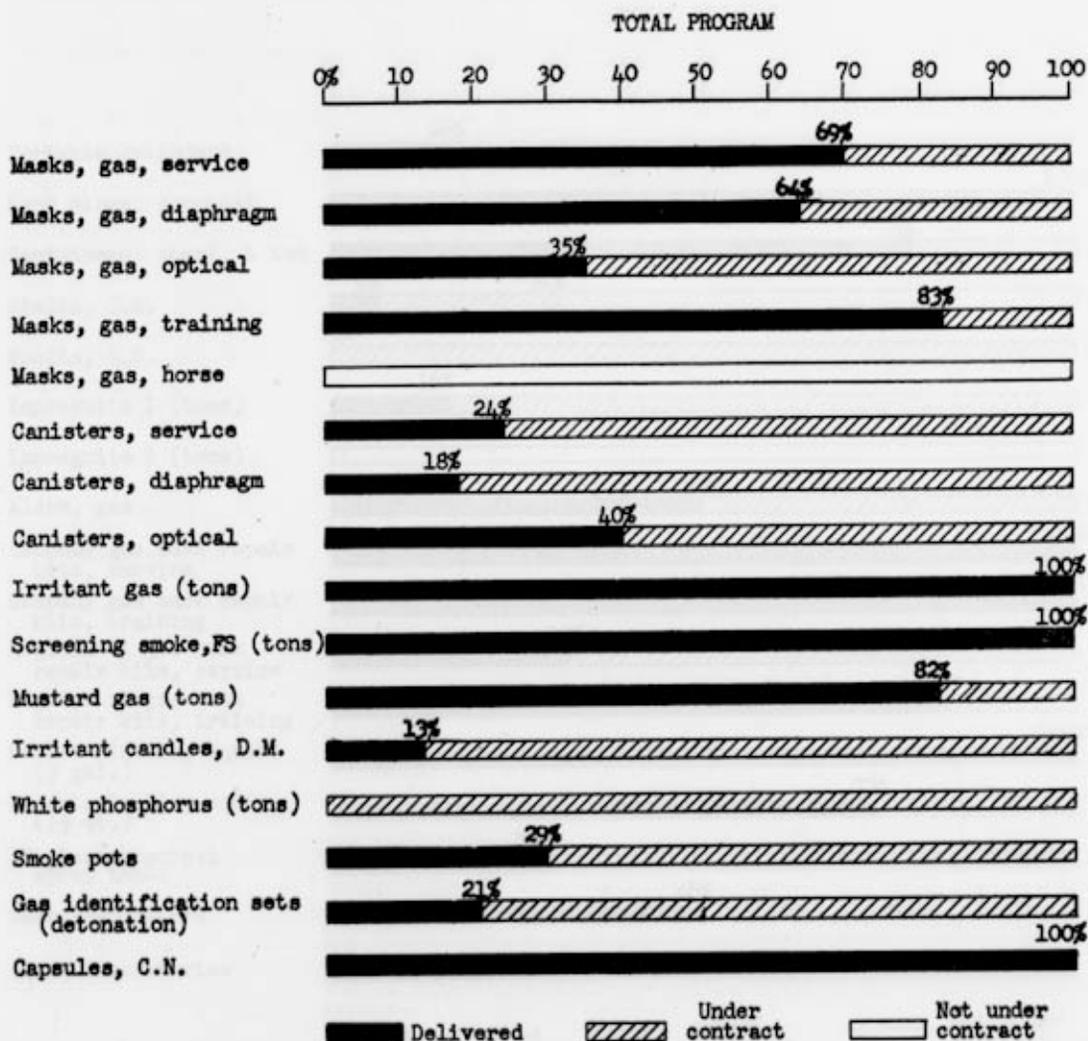
Mustard Gas (HS):--The production of Mustard Gas reported this week amounted to 91 tons which is an approximate decrease of 6 percent below the tonnage reported the previous week.

Impregnite "I":--The production of Impregnite "I" amounted to 14.1 tons of which 9.5 tons have been delivered and 4.6 tons are now 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

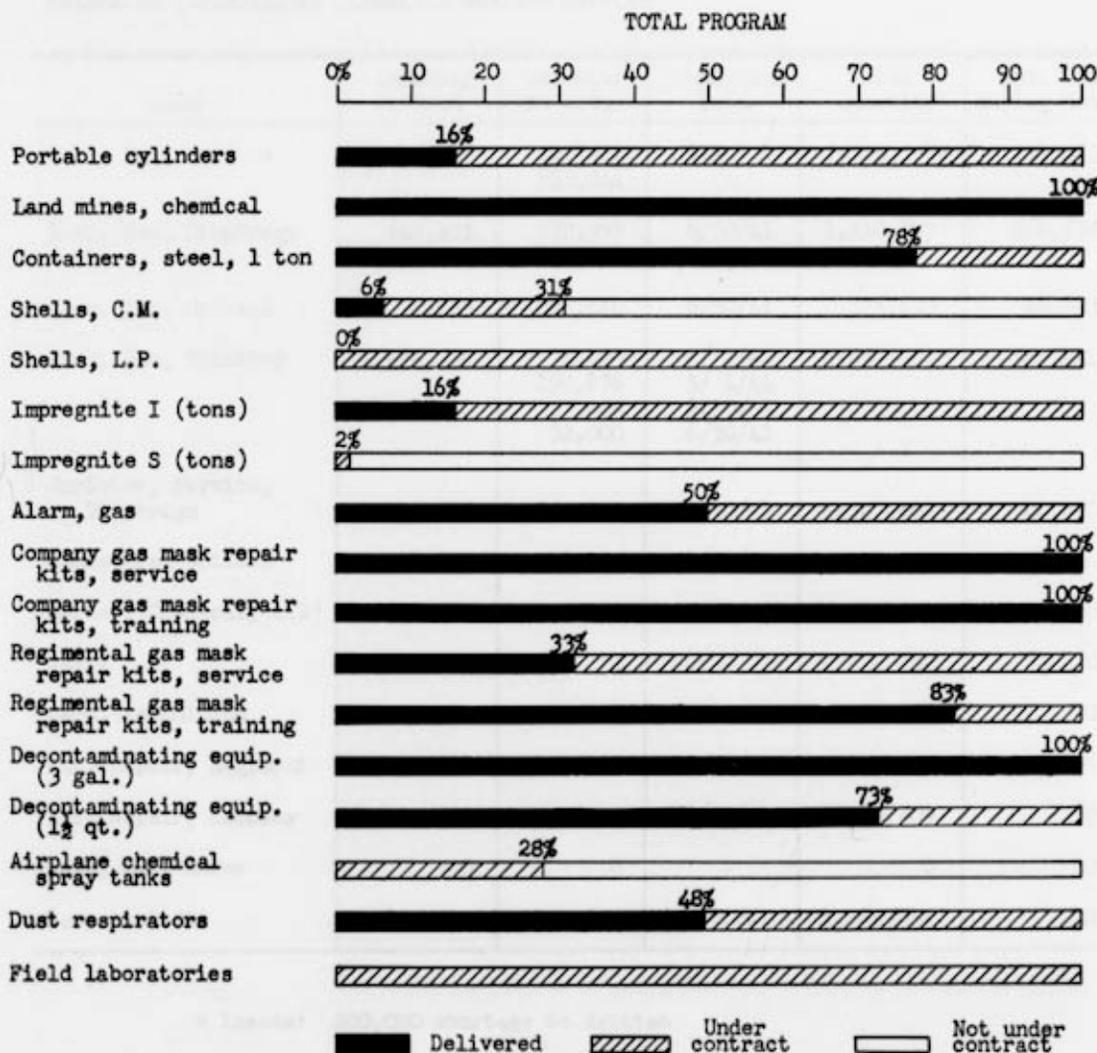
May 30, 1941



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

Source of Information: Chemical Warfare Service

May 30, 1941



STATUS OF CERTAIN DEFENSIVE CHEMICAL WARFARE ITEMS  
AS OF MAY 27, 1941

Source of Information: Chemical Warfare Service

Item	Quantity on Hand	Quantity on Order	Completion Date	Total Quantity	Amt. Del. During Month
Mask, Gas, Service	1,853,717	129,826 713,014	6/30/41 -	2,696,557*	336,212
Mask, Gas, Diaphragm	649,175	270,978 189,946	6/30/41 -	1,110,099	292,378
Mask, Gas, Optical	40,783	75,840	6/30/41	116,623	40,283
Mask, Gas, Training	1,466,238	71,400 190,676 97,088 32,000	4/ 1/41 5/ 1/41 6/30/41 6/30/41	1,857,402	389,441
Canister, Service, Diaphragm	312,449	1,075,212	6/30/41	1,387,661	24,500
Canisters, Optical	7,854	11,563	6/30/41	19,417	7,854
Mortar, Chemical, 4.2"	51	0	-	51	0
Cart, C.M.	52	0	-	52	0
Cart, Ammunition	64	0	-	64	0
Kit, Repair, Regiment	1,242	1,992	6/30/41	3,234	129
Kit, Repair, Company	59,809	0	6/30/41	59,809	0
Mask, Gas, Horse	0	0	-	0	0
Set, Anti-dim	1,309,994	254,862	6/30/41	1,564,856	0

\* Losses: 200,000 shortage to British

Note: Quantities on order and Total Quantities include the quantities approved by the Second Supplemental Appropriation (Munitions Program), and Third Supplemental.

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 31, 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 May 31, 73 were scheduled and 85 were delivered. Deliveries now are 12 more than the schedule and 62 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 half-month the program increased to 3,630,000 feet. Deliveries to date are 2,581,050 feet, or 71 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 31, 1941

Source of Information: Office, Chief of Coast Artillery

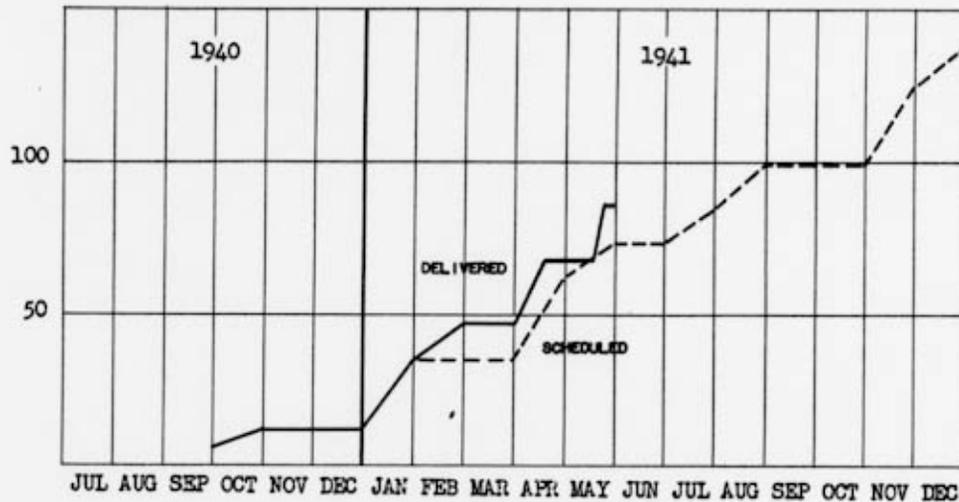
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual May 31	Contracted	Delivered
Group control panels, M-3	138	138	73	85	100	62

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH MAY 31, 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

ASF  
WV

June 21, 1941

MEMORANDUM FOR THE PRESIDENT:

THE WHITE HOUSE  
JUN 21 11 12 AM '41  
RECEIVED

Herewith copies No. 50 and No. 51  
of the Weekly Statistical Report Summary

*RLP*

**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

SUMMARY

No. 50

RELEASED

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

Franklin D. Roosevelt Library  
DECLASSIFIED  
DOD DIR. 5200.9 (9/27/58)

Date- 3-5-59

Signature- *Carl L. Spicer*

STATISTICS BRANCH  
OFFICE OF THE ASSISTANT SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-5041-1

Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT  
NO. 50

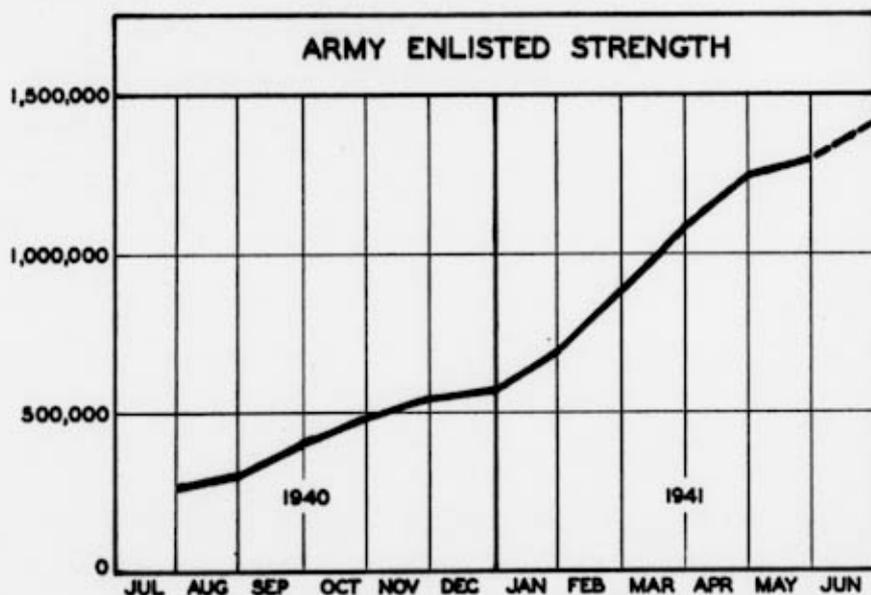
JUNE 14, 1941

<u>GENERAL</u>		Page	<u>SIGNAL CORPS</u>	Page
Army Strength	1		Text Summary - Procurement Progress	34
Prices	2		Status of Requirements	35
Editorial Comment	3		Status of Requirements	36
Editorial Comment - Diagram	4		Diagrams: Selected Items	
Commitments	5		Radios	37
Expediting Production	6		Interphones	38
Cost of Living	7		Command, Radio	39
			Marker Beacon	40
<u>ORDNANCE DEPARTMENT</u>		8	<u>CORPS OF ENGINEERS</u>	
Text Summary - Procurement	8		Text Summary - Procurement Progress	41
Progress of Ordnance Deliveries	9		Diagrams: Selected Items	42
Tab. Sum. - Equipment Procurement	10		Diagrams: Selected Items	43
Equipment - Ahead and Behind Schedule	11		Text Summary - Air Corps Construction	44
Tab. Sum. - Tactical Equipment	12			
Tab. Sum. - Ammunition Procurement	13		<u>MEDICAL DEPARTMENT</u>	
New Facilities - Equipment	14		Text Summary	45
New Facilities - Ammunition	15		Diagram: # of Items & % Contracted	46
New Facilities - Ammunition	16		Diagram: Ahead and Behind Schedule	47
			Diagram: Critical Items Behind Sched.	48
			Diagram: Selected Items Behind Sched.	49
<u>AIR CORPS</u>			<u>CHEMICAL WARFARE SERVICE</u>	
Text Summary - Airplane Procurement	17		Text Summary - Procurement Progress	50
Diagram: Estimates & Deliveries	18		Diagram: Progress of Deliveries	51
Diagram: Estimates & Deliveries	19		Diagram: Progress of Deliveries	52
Diagram: Total past Est. & Deliveries	20			
Diagram: Shortages delaying Production	21		<u>COAST ARTILLERY CORPS</u>	
Diagram: Airplanes Gains & Losses	22		Text Summary - Procurement Progress	53
Diagram: Monthly Airplane Inventory	23		Tab. Sum. - Procurement Progress	53
Diagram: Air Corps Awards by State	24		Diagram: Procurement Progress	54
Tab. Sum. - Air Corps Current Proc.	25			
<u>QUARTERMASTER CORPS</u>				
Text Summary - Procurement of Q.M. Items	26			
Diagrams: Group Proc. of Q.M. Items	27			
Diagrams: Critical Items	28			
Diagrams: Critical Items	29			
Fiscal Diagram - Proc. of Motor Vehicle	30			
Diagrams: Proc. of Motor Vehicles	31			
Text Summary - Construction Progress	32			
Diagram: Status of Q.M. Construction	33			

### 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 - May 15, 1941

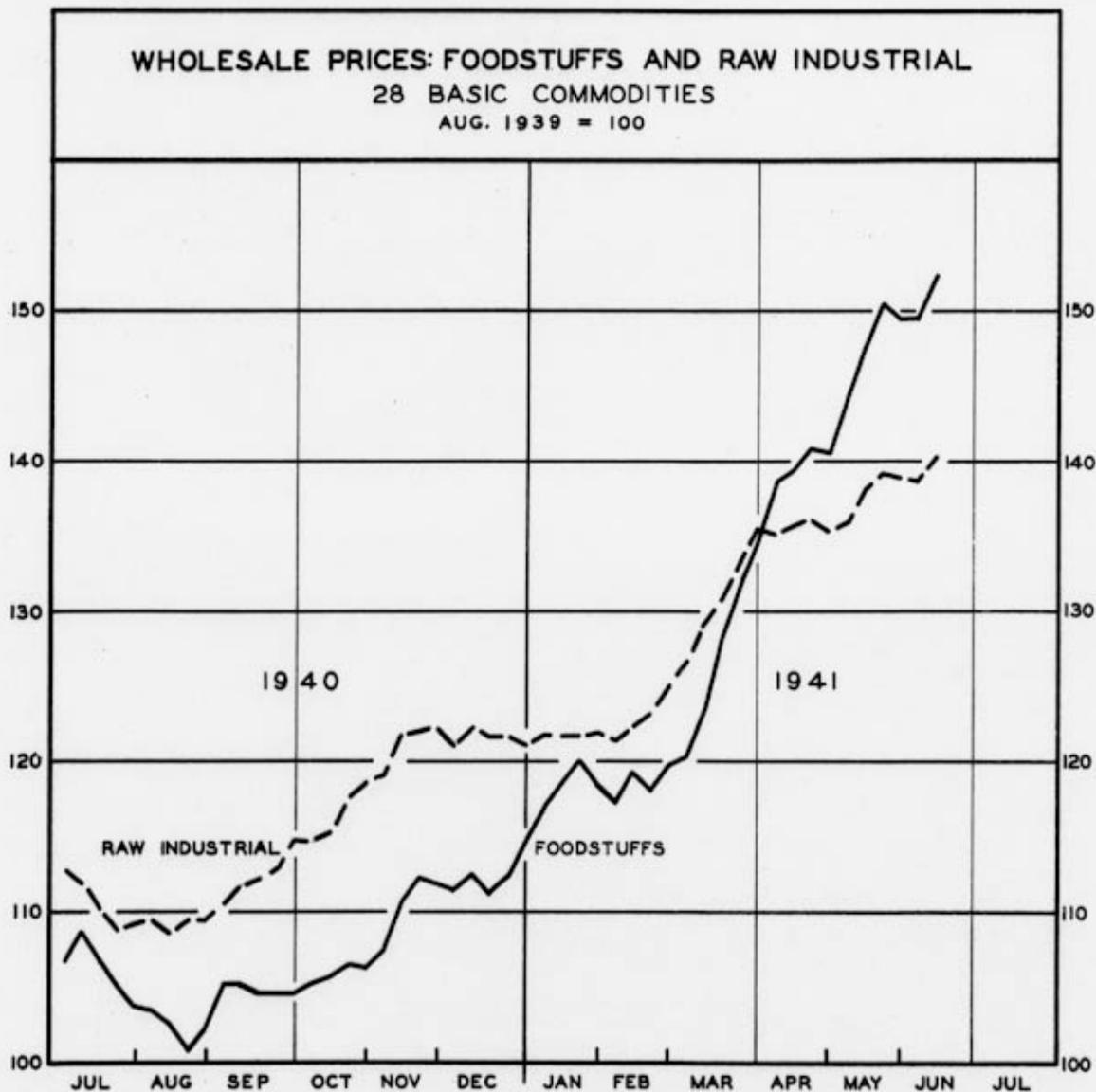


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan., 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May 15	1,235,554
May	1,291,028
June	1,418,097

### PRICES

After three weeks of fairly steady prices, the index of the 28 basic commodities rose sharply during the last week. Prices of foodstuffs are now 52.3 percent above the August, 1939 level while prices of raw industrial materials have increased 40.2 percent since the outbreak of the war.

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 11, 1941

Domestic questions, and in particular the strikes, have preempted editorial attention to such an extent that discussion of foreign policy and protection for shipments of British aid has fallen off.

There has been general approval of the occupation by the Army of the North American plant, but it is this specific seizure, not a general policy of taking over struck plants, that is approved. The consensus of opinion is that the taking over of a plant where blame rests heavily on labor would work an injustice on management. It is felt, also, that a policy of plant seizure might tend to encourage strikes among radical labor groups, aiming at the destruction of private enterprise. For these reasons the announced plan to take over the North American plant only temporarily is commended.

Until recently the commentators have either not believed that the Communist element in unions was strong and active, or have hesitated to bring about such a charge. Now, however, the attitude has changed. Communists are regarded as the chief cause of disturbances, not only in the North American plant, but, because of the extraordinarily strategic places in which the strikes are occurring, in other plants as well.

Proposals for labor legislation and law revision sponsored by the majority of commentators were outlined in the report of April 5 and are still representative of the bulk of editorial opinion.

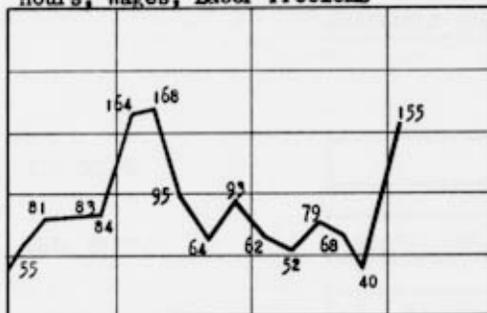
TABULAR SUMMARY

HOURS, WAGES, LABOR	Tallies	THE EMERGENCY	GENERAL COMMENTATION		
Strikes must stop	67	For emerg. declaration	2	Mediation Board	2
Slow-downs must stop	1	Congress disregarded	8	Govt. labor policy	1
Unfair to draftees	2	This is not dictatorship	2	"S D" launching time	2
Racketeering must stop	2	Against S-1579 (Seizure)	3	Garand production speed	2
President being defied	13	Misgivings about S-1579	3	Tool design progress	2
Communists to blame	17	No good reason given	3	General production	2
Nazi to blame	4	S-1579 too drastic	4		
Leadership to blame	10	Makes socialism possible	2	ST LAWRENCE SEAWAY	
N'l leaders cooperating	7	Penalizes owners	5	For the project	2
For Army seizure of NA	3	Change Draft Act instead	2	Against the project	3
Seizure unjust to NA Co.	1	For plant seizure power	2		
Against a seizure policy	2	For tool seizure power	2	GENERAL CRITICISM	86
For regulating unions	7	For a time limit	4	TREND TOWARD WAR	8
Must accept mediation	4	Should list property	3	ORGANIZATION PROBLEMS	6
For a "cooling off" law	2	For RFC Bill	1	GOVT. AND BUSINESS	9
Revise existing laws	4	For control of oil	4	ECONOMICS, INFLATION	27
Wages rising too fast	6	Against oil control	1	AID FOR BRITAIN	35
40 hr week must go	1	For daylight saving	3	MATERIAL SHORTAGES	17
Skilled labor lack	1	Suppress Bunds	4	LACK OF FACTS	6
Transfer WPA to jobs	1	Outlaw Communist Party	5	MISCELLANEOUS	1

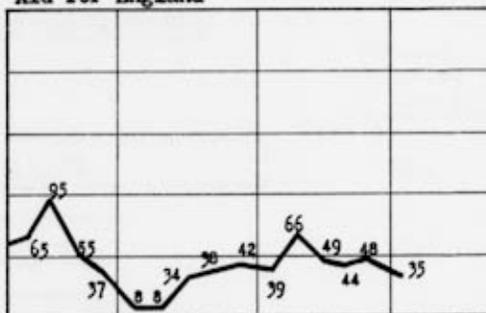
**EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS** - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

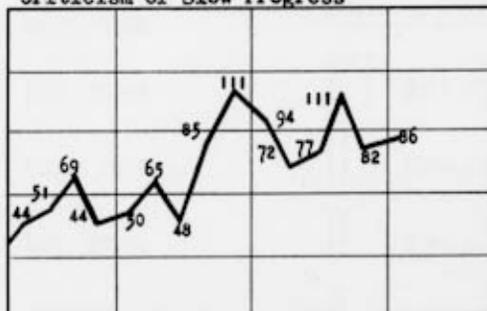
Hours, Wages, Labor Problems



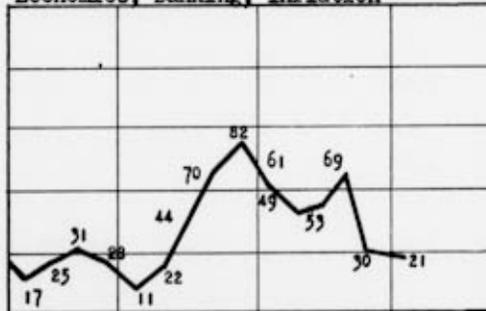
Aid for England



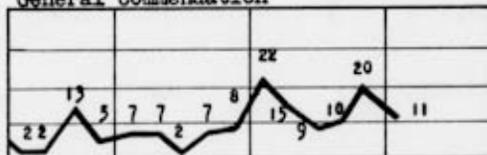
Criticism of Slow Progress



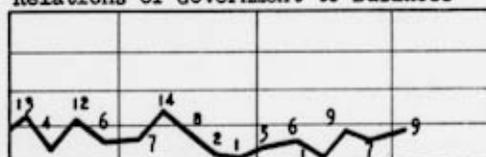
Economics, Banking, Inflation



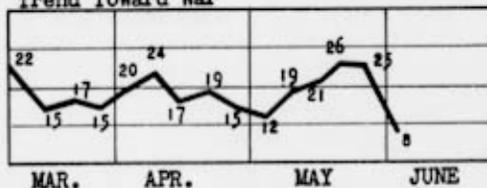
General Commendation



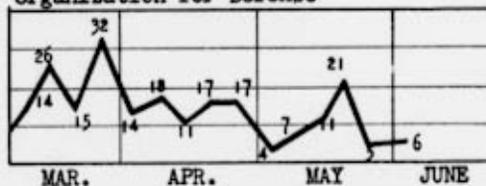
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 73.7 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, June 12, 1941

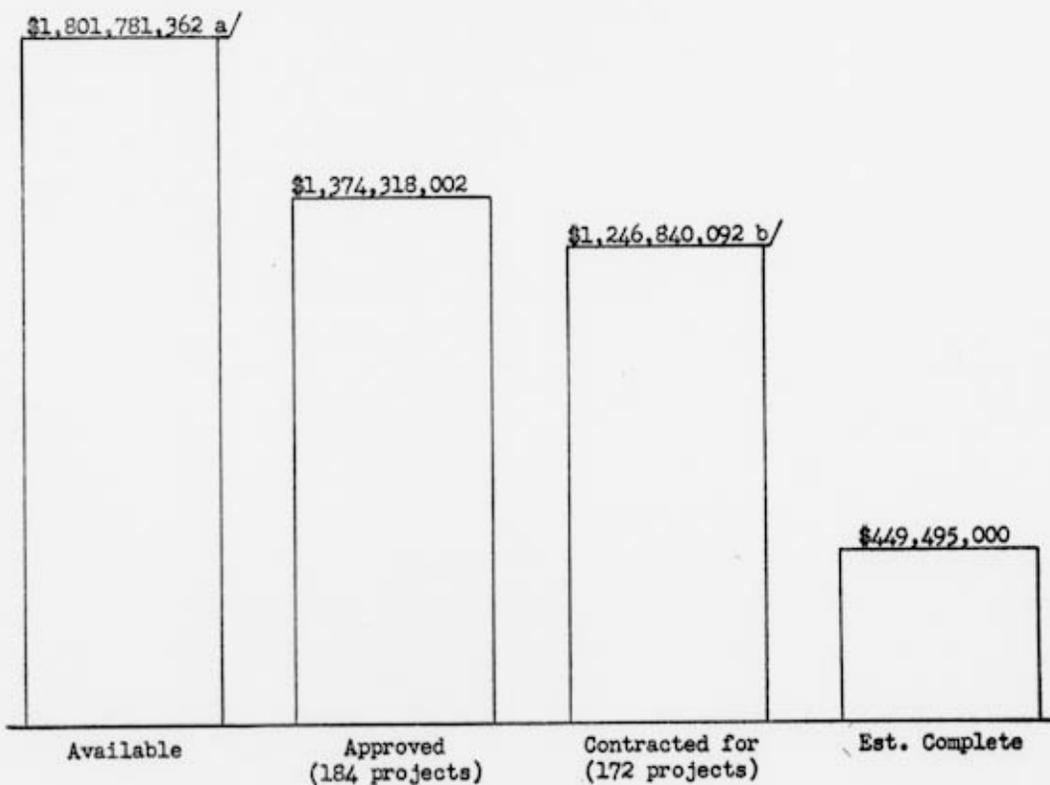
AVAILABLE FOR MUNITIONS AND FACILITIES

		<u>Percent obligated to June 11</u>
AIR CORPS	\$3,717,519,528	72.4
ORD. DEPT.	\$2,741,659,091 (tentative)	87.5
Q.M.C.	\$2,596,342,802	53.3
PRODUCTION FACILITIES	\$1,464,286,000 a/	85.2
SIG. CORPS	\$217,274,460	77.3
CORPS OF ENG.	\$100,015,200	86.4
MED. DEPT.	\$ 60,872,137 (tentative)	74.6
CHEM. WAR SER.	\$ 51,943,483	93.9
C.A.C.	\$ 1,219,839	100.0
TOTAL	\$10,951,132,540	73.7

a/ NOTE: Specific appropriation, additional funds will be furnished from Navy and S.A.S.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - JUNE 7, 1941

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



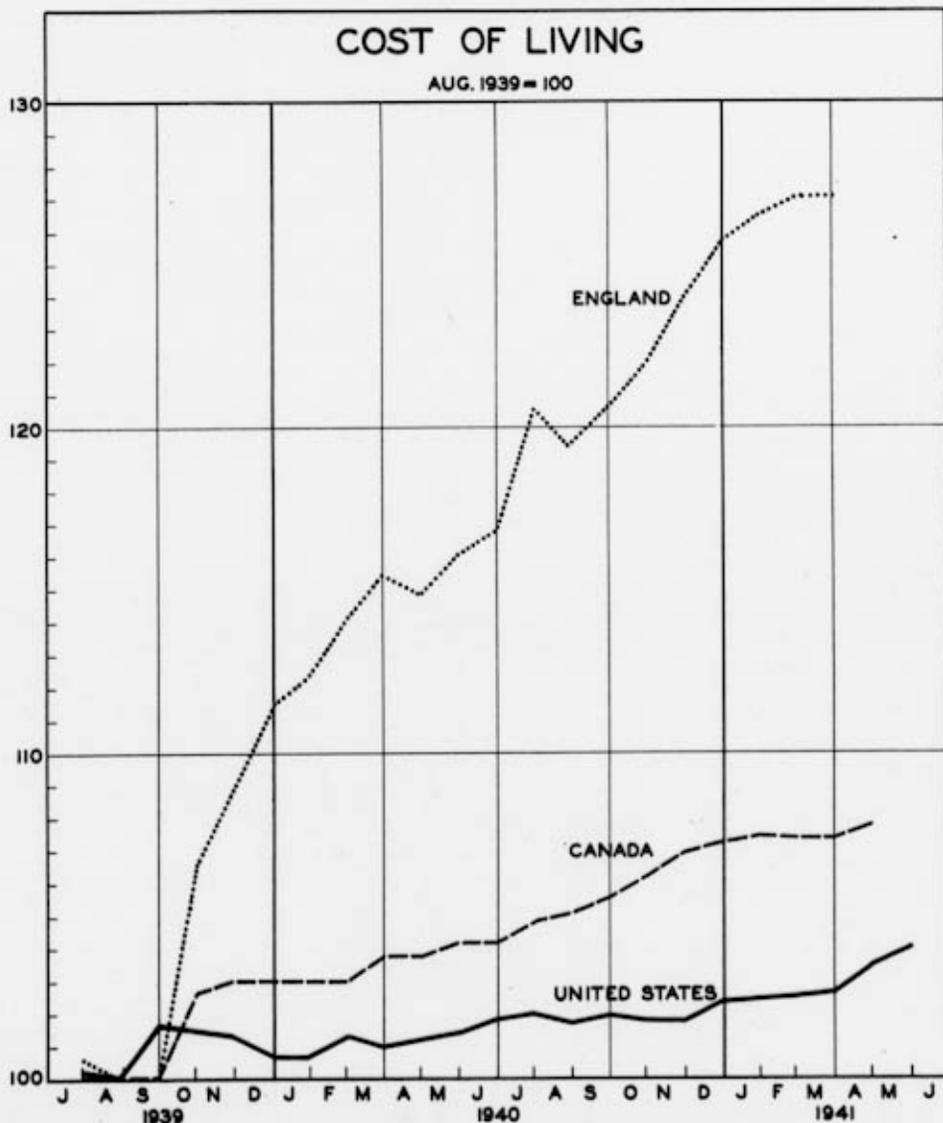
a/ Includes Expediting Production Appropriation of \$1,464,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$196,644,007; Chemical Warfare Service \$500,000, and Navy Department \$15,000,000; Defense Aid Appropriation \$81,076,355.

b/ Amount supplied by Supply Arms and Services.

### COST OF LIVING

The increase in the cost of living in the United States from the outbreak of the war to May 1941 was 4.0 percent; in Canada up to April 1941 the cost of living had increased 7.7 percent. Living costs in England, however, have increased at a rapid rate, and by March, 1941 the increase was 27.1 percent over the August 1939 level.

Sources of Information: British Ministry of Labour, Dominion Bureau of Statistics and the National Industrial Conference Board



TEXT SUMMARY - JUNE 14, 1941

Source of Information: Ordnance Department and OUSW

EQUIPMENT

Comparison of May deliveries of critical items of equipment with scheduled deliveries shows a favorable increase in the number ahead of schedule. The diagram on the following page summarizes comparisons of deliveries with schedules for the first five months of 1941. In May, the number of items ahead of schedule increased 10 to 40; 1 less item was on schedule in May than in April; items behind schedule decreased 6 to 37; and the number not scheduled or not due declined 3 to 21.

SMALL ARMS AMMUNITION

The date for the completion of construction of the first group of three new Small Arms Ammunition Plants has been advanced to September 15, 1941; for installation of all machinery, to September 30, 1941; and for initial production of finished rounds, to July for Lake City, to August for St. Louis, and to September for Denver.

The second group of new plants are as follows:

Addition to St. Louis	United States Cartridge Co.
Des Moines, Iowa	United States Rubber Co.
St. Paul, Minnesota	Federal Cartridge Co.
Salt Lake City, Utah	Remington Arms Co.

Letters of intent for about thirty-five million dollars of equipment for the second group of new plants have been signed. This equipment comprises practically all the critical production equipment.

Advantage is being taken of all the methods, architectural plans, and experience developed from the first group of plants, in order to expedite the placing in operation of the second group of new plants. It is currently planned to complete construction of the four newest plants before February 28, 1942 and to install all their equipment by March 31, 1942.

The daily capacity of the first group of new plants, which are now under construction, is 8,000,000 rounds of caliber .30 ammunition and 1,800,000 rounds of caliber .50 ammunition. That of the second group of new plants is to be 9,000,000 rounds of caliber .30 and 3,600,000 rounds of caliber .50 cartridges.

AMMUNITION

The present outlook for requirements and production of T.N.T. indicates that there will be a shortage until the Spring of 1942. The following table compares the production anticipated by the Ordnance Department (which includes 6,800,000 pounds on hand June 1st) with two estimates of requirements recently prepared:

(Cumulative Thousand Pounds)

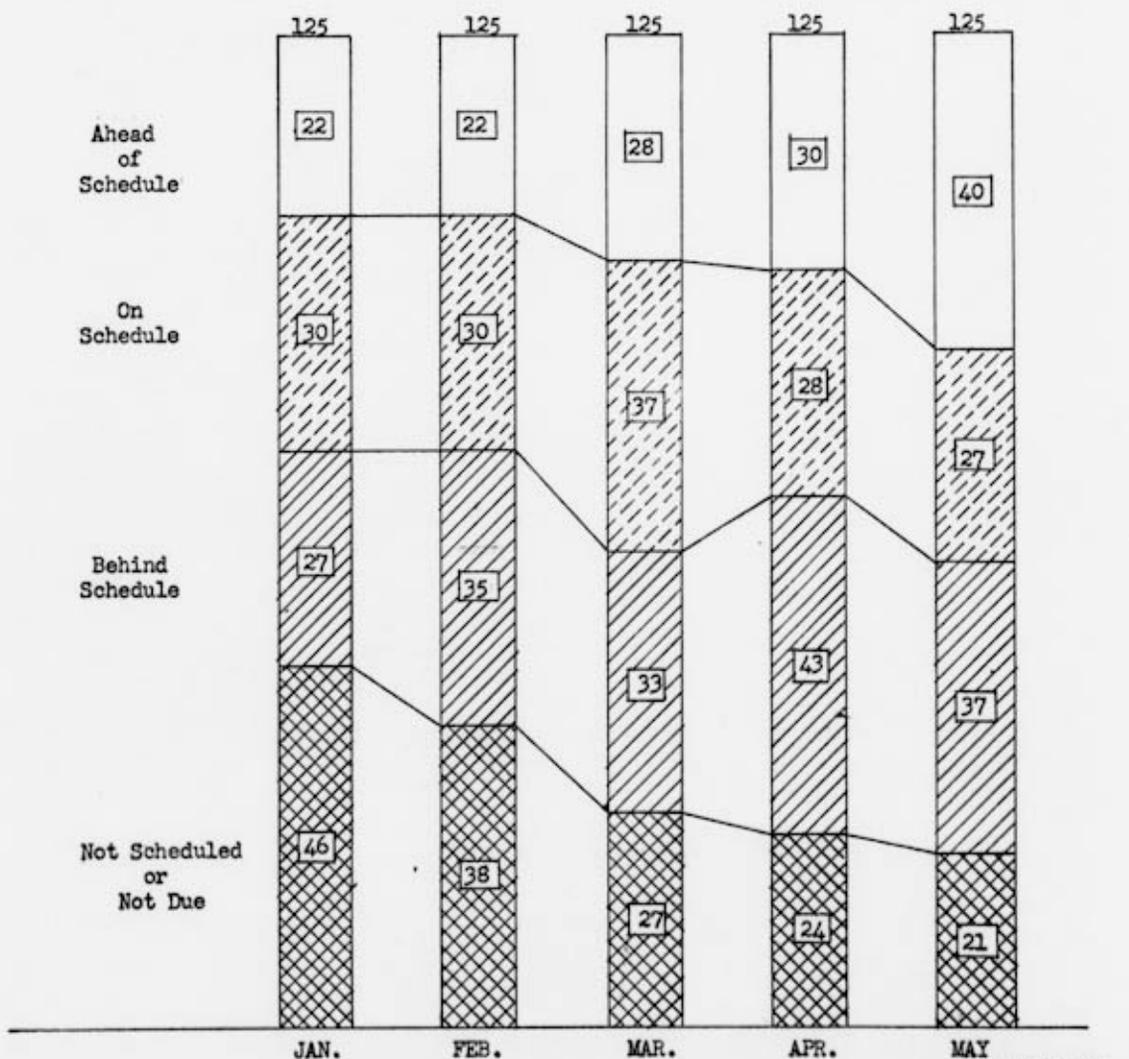
1941	Production	Requirements	
	Anticipated	Estimate A	Estimate B
June	9,070	7,658	3,876
July	11,145	11,214	8,364
Aug.	14,970	16,856	19,044
Sept.	21,226	24,813	36,916
Oct.	30,037	37,961	66,389
Nov.	42,981	50,577	98,704
Dec.	59,347	65,408	129,901

Daily changes in loading schedules, and numerous other factors entering into these calculations cause constant variation in the aggregate requirements.

PROGRESS OF ORDNANCE DELIVERIES - MAY 31, 1941

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

Equipment - Critical Items



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			
			Contracted	Scheduled	Due	Delivered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,122**	88	88*	7**	7**
Machine gun, cal.50	173,573	6,273**	80	80*	4**	4**
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	788**	100	99	24**	22**
Tank, medium	4,596	62**	54	54	1**	1**
Scout car	2,733	2,633**	100	100	95**	96**
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 <sup>a/</sup>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>
Machine gun, cal.50, (H.B.)	8,025 <sup>a/</sup>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>
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	766**	100	100	44**	53**
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	175,806**	93	93	19**	20**
Machine gun, cal.30, (Var.)	93,003 <sup>b/</sup>	25,094 <sup>b/</sup>	100 <sup>b/</sup>	99 <sup>b/</sup>	27 <sup>b/</sup>	27 <sup>b/</sup>
Machine gun, cal.50, (H.B.)	23,305 <sup>b/</sup>	1,186 <sup>b/</sup>	53 <sup>b/</sup>	53 <sup>b/</sup>	5 <sup>b/</sup>	5 <sup>b/</sup>
Gun, 37mm, antitank	7,653	443	80	61	7	6
Mortar, 60mm	10,162	2,992**	100	100	29**	29**
Mortar, 81mm	3,773	615**	91	91	20**	16**

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

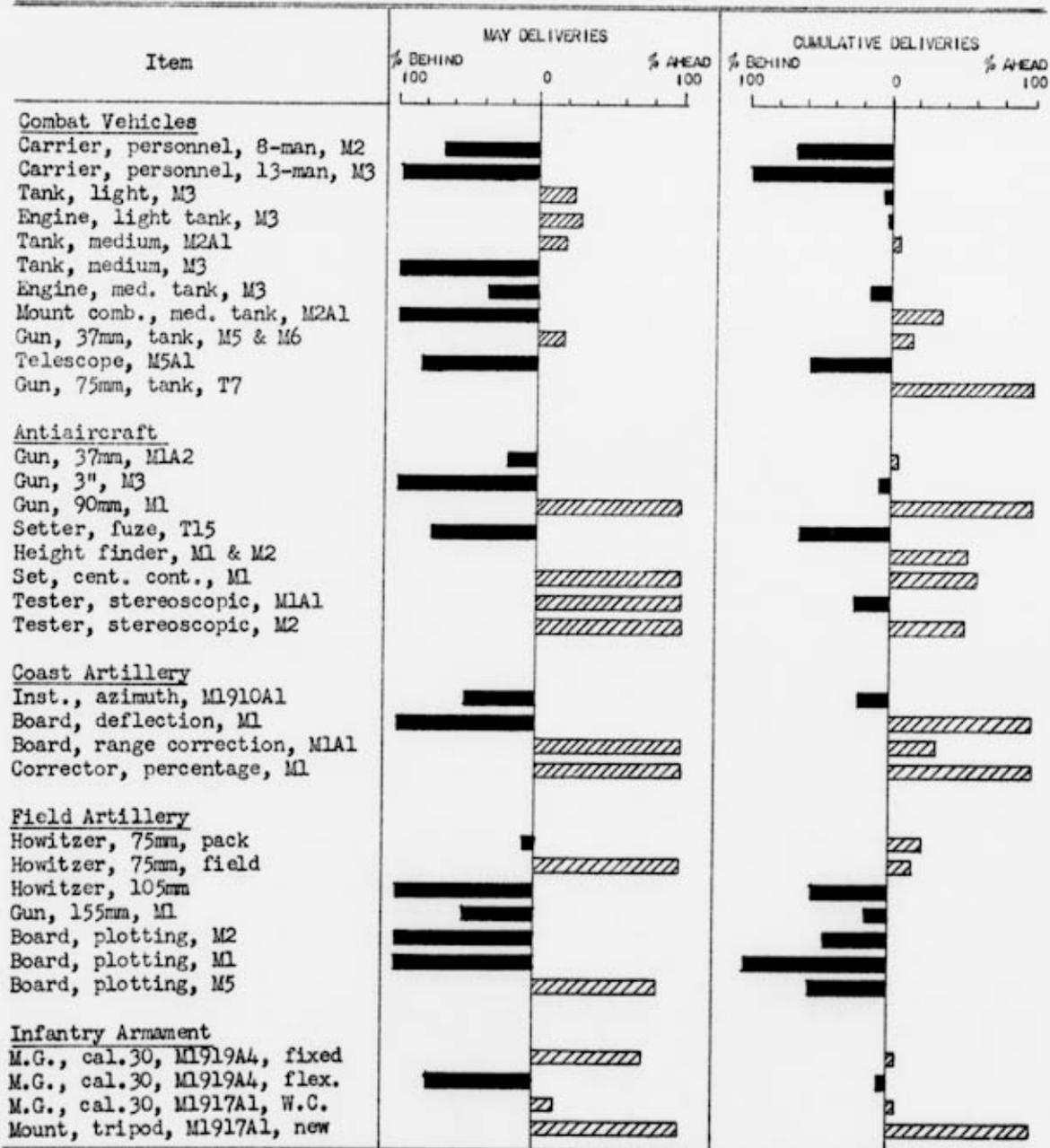
<sup>b/</sup> Figures include Armament for Combat Vehicles.

\* Partly tentative.

\*\* Delivered thru June 8.

ORDNANCE DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - MAY 31, 1941

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



TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JUNE 9, 1941

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

Item	Requirements	Stocks	Percent of requirements						
	2,800,000 Men Number	in hands of Field Service Number	%	0	20	40	60	80	100
<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	512	12						
Tank, medium	2,666	61	2						
Scout car	3,944	2,707	69						
Personnel carrier, 8-man	7,105	0	0						
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	829	7						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,471	596	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	--	2,877	--						
Gun, 155mm	--	825	--						
Howitzer, 155mm	--	989	--						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	1,260,314	179,373	14						
Machine gun, cal.30 (Var.)	96,609	25,058	26						
Machine gun, cal.50 (H.B.)	17,555	1,601	9						
Gun, 37mm, antitank	8,092	650	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 15, 1941

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

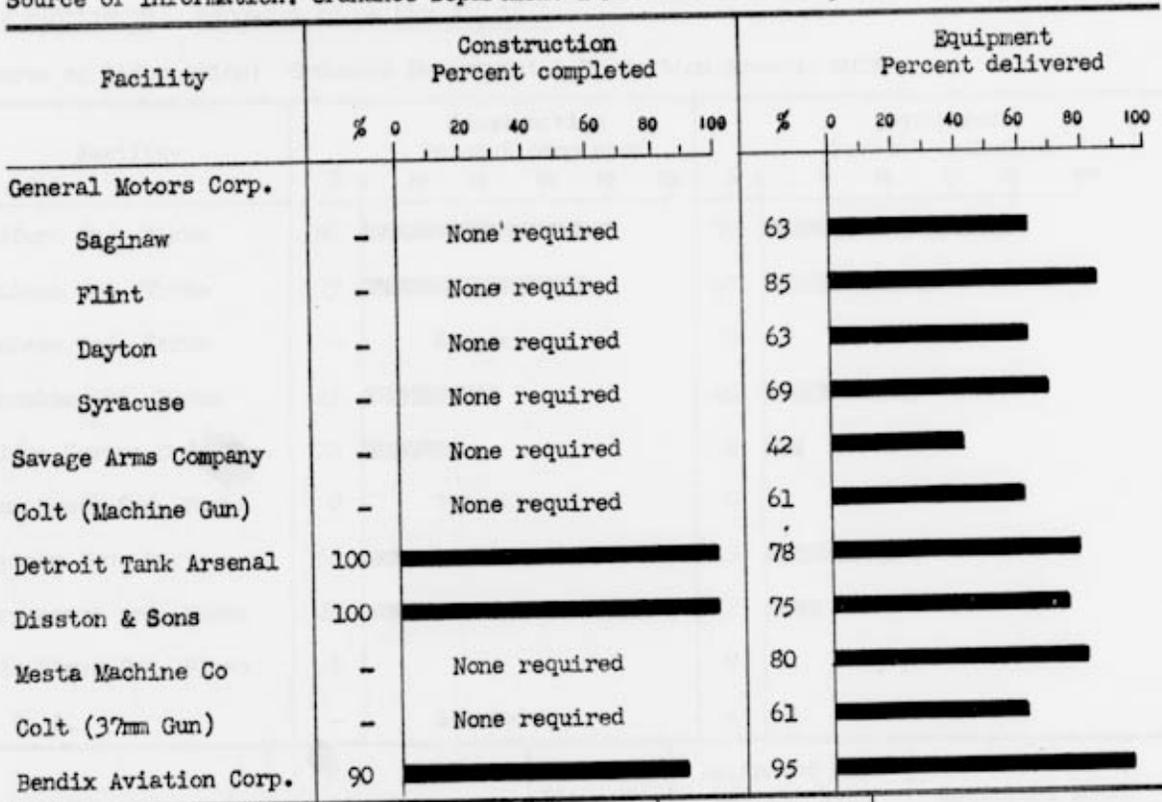
Item	Total procurement program	Delivered thru May 15	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>	(THOUSANDS)	(THOUSANDS)				
Bomb, frag., 20#	1,719	0	100	100	0	0
Bomb, demo., 100#, 300#, 500#	1,529	26	44	44	2	2
Bomb, demo., 1000#	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	348	3	20	20	1	1
Shot & shell, 20mm	4,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	.2	59	59	-	-
Flares	748	127	35	35	17	17
Signals	2,057	464	33	33	23	23
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	0	20	20	0	0
Shell, 3", H.E.	2,215	95	51	51	3	4
Shell, 90mm, H.E.	2,761	0	45	45	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	88	86	86	5	6
Shell, g & s, 75mm gun	1,102	6	63	63	1	1
Shot, A.P., 75mm gun	2,752	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	206	91	91	5	5
Shell, H.E., 105mm how.	10,422	58	23	23	1	1
Shell, H.E., 155mm gun, M1	401	0	59	59	0	0
Charge, prop., 155mm gun	446	82	93	93	15	18
Shell, H.E., 155mm how.	4,294	5	52	52	-	-
Shell, g & s, 155mm how.	1,223	173	38	38	14	14
Charge, prop., 155mm how.	5,753	603	60	60	10	10
Primer, 21 gr.	6,653	299	35	35	4	4
Fuzes (All)	9,988	3,131	99	99	31	31
<u>Infantry</u>						
Cartridge, cal.30	2,952,242	357,623**	100	100*	12**	12**
Links, met. belt, cal.30	1,003,322	76,568	42	42	8	8
Cartridge, cal.45	606,476	80,921	81	81	12	13
Cartridge, cal.50	863,940	43,306**	86	86*	5**	5**
Links, met. belt, cal.50	2,451,536	34,225	70	26	1	1
Shot & shell, 37mm	22,188	113	16	16	1	1
Shell, H.E., 60mm	8,882	18	26	26	-	-
Shell, H.E., 81mm	2,965	97	12	12	3	3
Shell, smoke, 81mm	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	71	100	100	0	5
Signal, ground	3,215	165	51	51	7	5
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative

\*\* Delivered thru June 8

NEW FACILITIES - PROGRESS AS OF MAY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

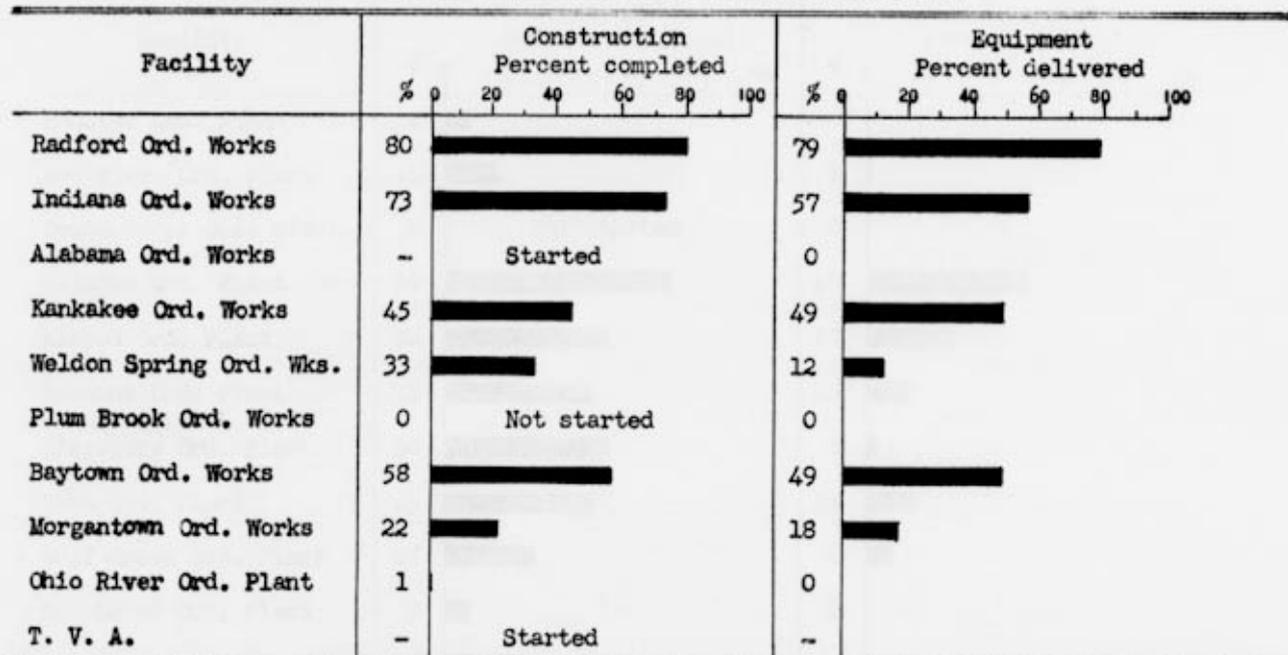


Facility	Location	Planned Capacity (Monthly)	Estimated Cost May 31, 1941		Estimated Month		
			Total (THOUSANDS)	% Obligated	Initial Operation	Completion of Plant	
<u>Machine Gun</u>							
General Motors Corp.	Saginaw, Mich.	1,680	\$20,251	82	4-41	*	
	Flint, Mich.	2,100			4-41	12-41	*
	Dayton, Ohio	2,100			6-41	*	
	Syracuse, N. Y.	840			8-41	*	
Savage Arms Co.	Utica, N. Y.	3,200	16,717	79	7-41	12-41 *φ	
Colt Patent F.A. 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 MAY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



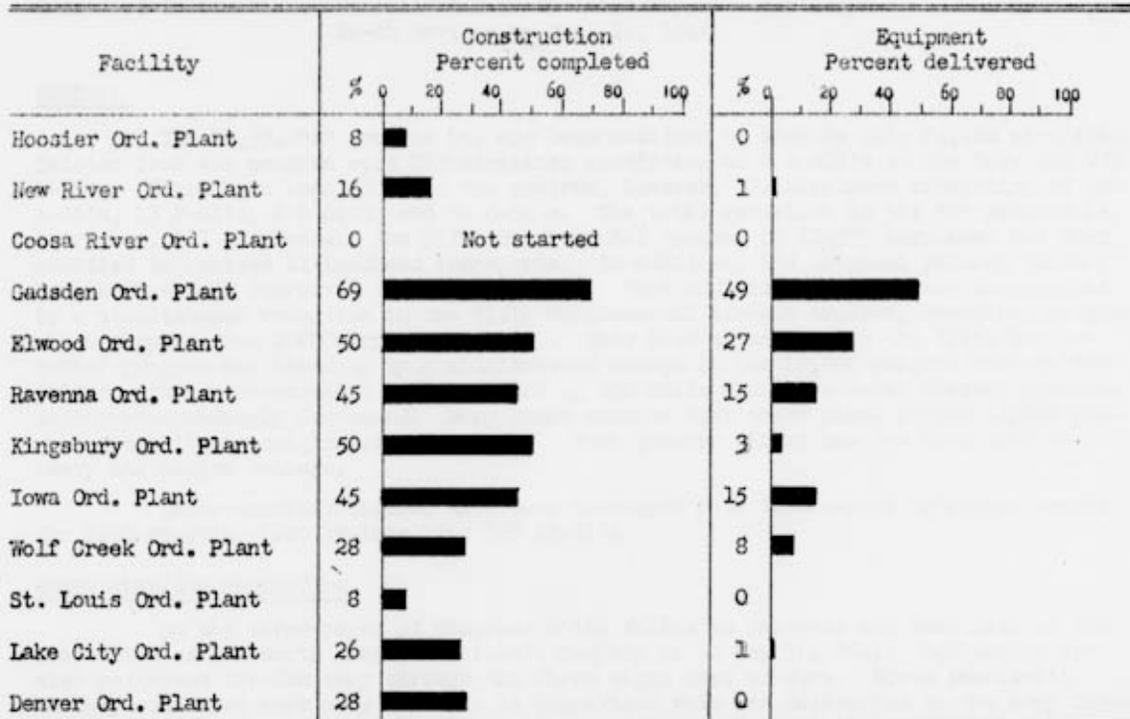
Facility	Location	Planned Capacity Monthly (THOUS.-GALLS)	Estimated Cost May 31, 1941		Estimated Month	
			Total (THOUS.)	% Obligated	Initial Operation	Completion of Plant
<u>Smokless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$52,500	84	3-41	9-41
Indiana Ord. Works	Charlestown, Ind.	7.8	91,200	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>g</sup>
<u>Ammonium Nitrate</u>						
T. V. A.	Muscle Shoals, Ala.	9.0	6,500	-	7-41	3-42 <sup>g</sup>

\* Gallons

<sup>g</sup> Full Operation

NEW FACILITIES - PROGRESS AS OF MAY 31, 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>g</sup>
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	29,942	61	7-41	9-41 <sup>g</sup>
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	31,877	48	9-41	9-41 <sup>g</sup>

<sup>g</sup> Full Operation

## TEXT SUMMARY - AIRPLANE PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps  
SA-86 Revised to June 10, 1941

### GENERAL

The 14,394 "B" program has now been modified to include only 14,182 airplanes. Deleted from the program were 783 airplanes consisting of 8 A-20B's to the Navy and 775 O-53's. There have been added to the program, however, 571 airplanes consisting of 500 A-26's, 13 P-61's, 6 P-64's, and 52 C-54's. The total reduction in the "B" program is, therefore, 212 airplanes. The Fifth Supplemental program of 10,375 airplanes has been modified to include 11 Lockheed transports. In addition, the original primary trainer program has been increased from 1500 to 1950. This addition, however, was accompanied by a simultaneous reduction in the Fifth Supplemental advance trainer, 2-engine, program which dropped from 2000 airplanes to 1550. This last alteration in the Fifth Supplemental program was taken up by a simultaneous change in the 12,000 program whereby the primary trainer procurement was decreased by 450 units and the advance trainer procurement correspondingly increased. Many other changes have taken place in the 12,000 program since it was originally constituted. Much greater stress has now been laid on heavy and medium bombers.

Under contract figures have been increased with this report by recent awards for 1050 PT-17's, 1080 AT-10's, and 350 AT-11's.

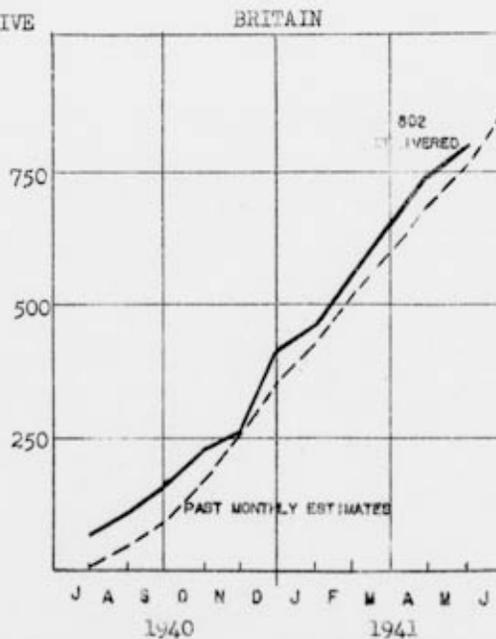
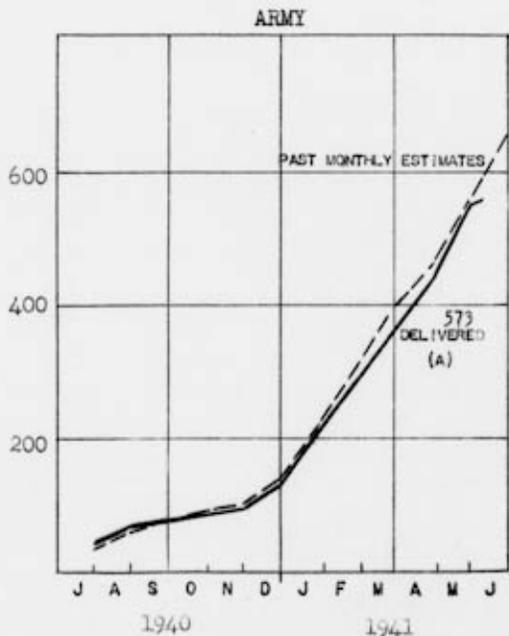
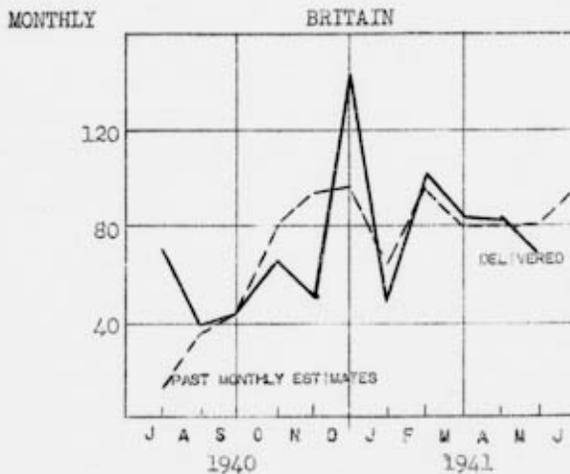
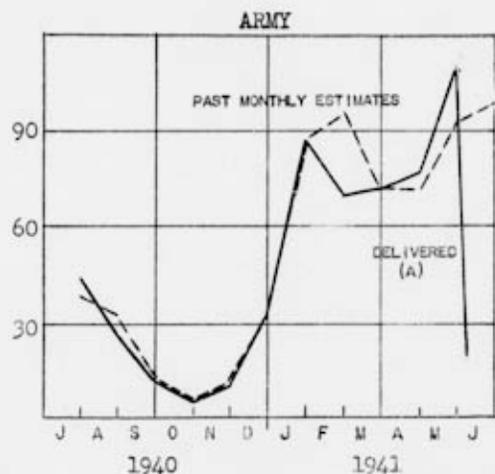
### NORTH AMERICAN PRODUCTION

On the three pages of diagrams which follow an analysis has been made of the production of the North American Aircraft Company as of May 31, 1941. Deliveries are also reflected for the Army through the first eight days of June. North American's monthly estimates were very accurate in comparison with its deliveries to the Army through January 1941. Since then it has met its estimate only in March 1941, and it is obvious that the recent labor difficulties at its Inglewood plant will materially affect its June estimate as is evidenced by the small Army deliveries made during the first quarter of this month. While North American's monthly estimates for Great Britain have been rather fluctuating in comparison with deliveries, it has been ahead of schedule on a cumulative basis. This is likewise true of its production for the Navy. North American's "other foreign" monthly estimates were wide of the mark during certain months. It has now completed, however, all "other foreign" contracts although it did so well behind schedule undoubtedly on account of giving precedence to Army, Navy and British requirements. For all customers North American, while overestimating for certain months, has succeeded in overcoming its individual monthly deficiency when deliveries are analyzed for the entire period cumulatively since July 1940. Generally speaking, therefore, the production of this company in comparison with its estimates has been satisfactory to date, and it is to be regretted that the labor difficulties it has experienced during the past month will undoubtedly cause a production setback which is certain to disrupt its future estimates.

North American has increased its productive floor space in its two plants from 541,000 square feet in July 1940 to 1,670,000 square feet as of May 31, 1941. The number of its productive employees has increased over the same period from 3970 to 9259. The diagrams which follow largely reflect production at its Inglewood plant inasmuch as the first deliveries were not made from Dallas until April 1941.

NORTH AMERICAN - MONTH-TO-MONTH ESTIMATES AND DELIVERIES - MAY 31, 1941

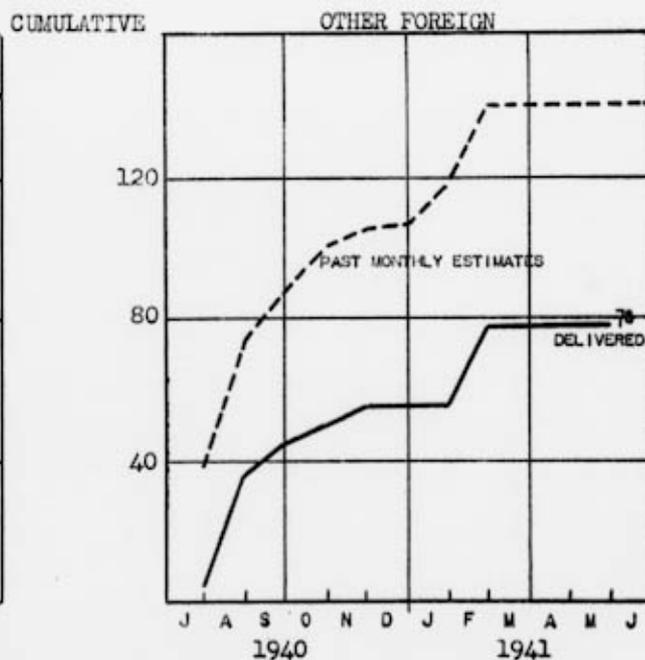
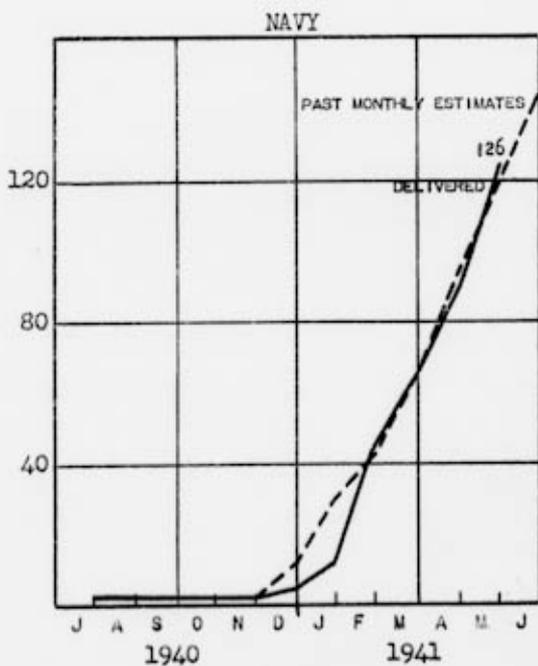
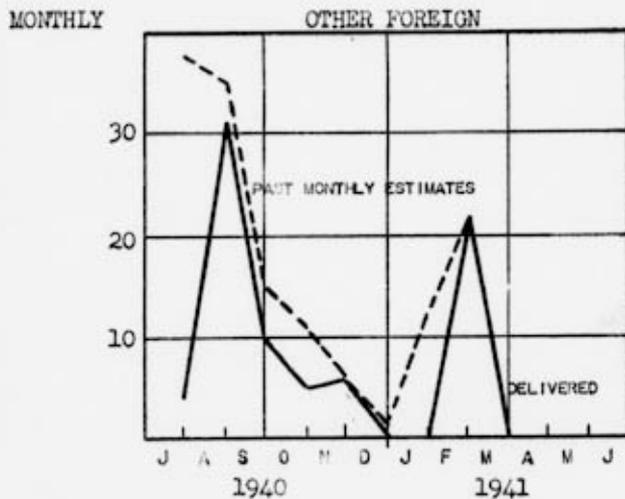
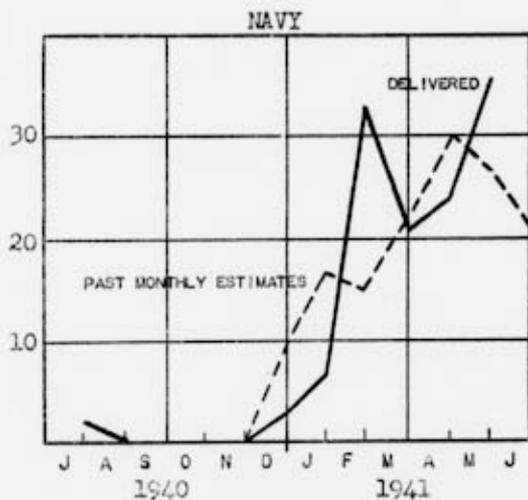
Source of Information: Consolidated Statistical Report - Air Corps



(A) DELIVERIES THROUGH JUNE 8, 1941.

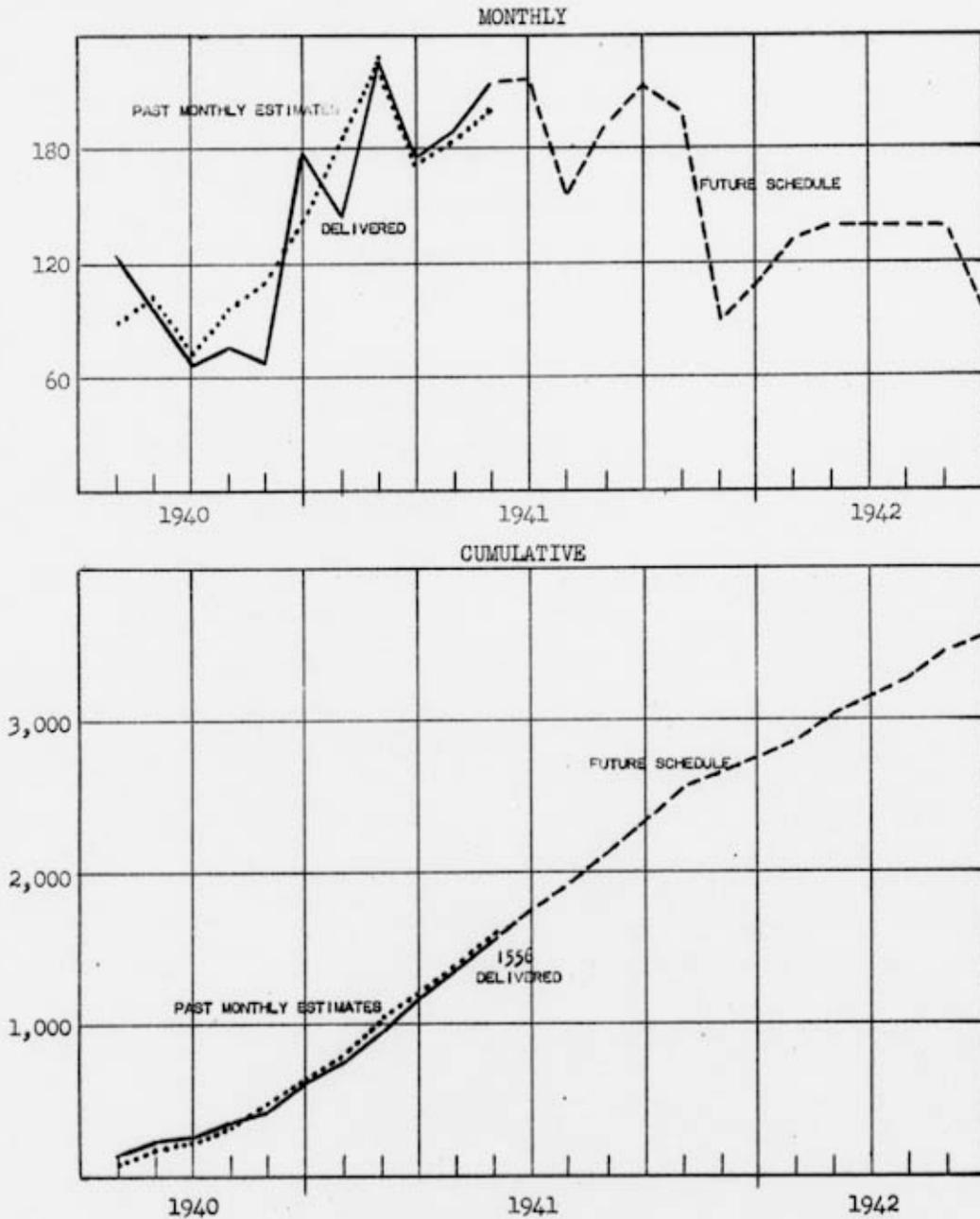
NORTH AMERICAN - MONTH TO MONTH ESTIMATES AND DELIVERIES - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



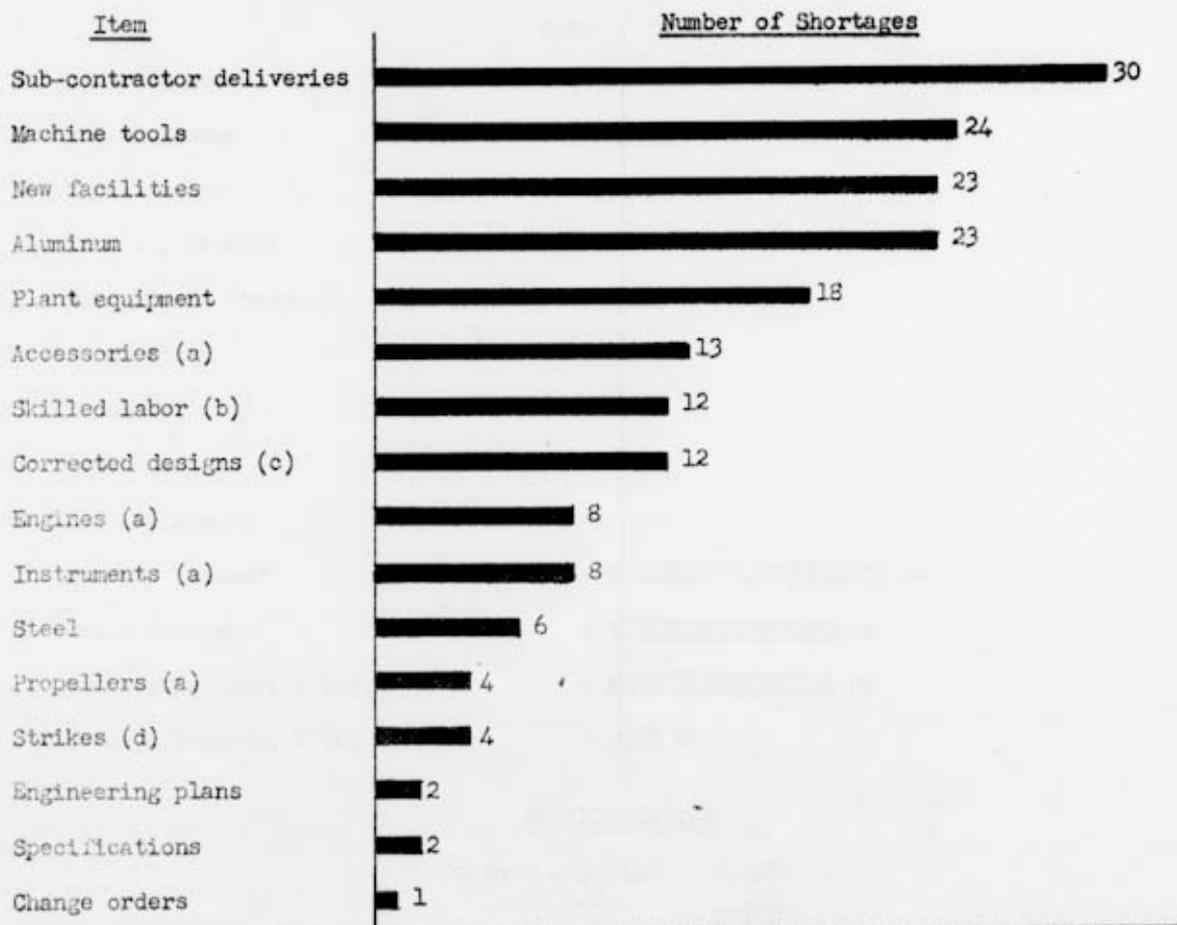
NORTH AMERICAN - TOTAL PAST ESTIMATES, DELIVERIES AND FUTURE SCHEDULES - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



SHORTAGES DELAYING PRODUCTION - MAY 1941

Source of Information: Quarter-Monthly Status Report - Air Corps

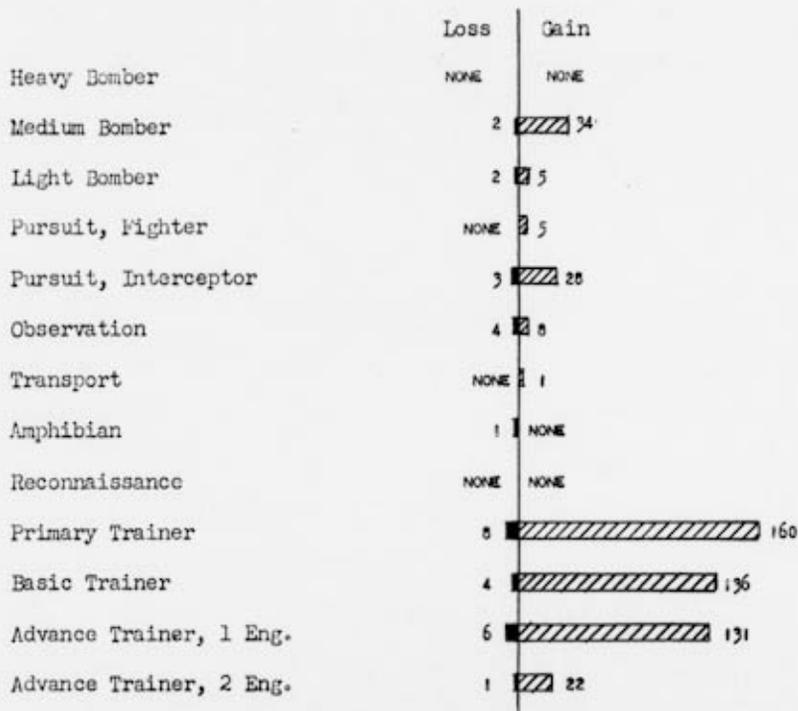


Note: This study is based on 31 leading current contracts, which are involved in production difficulties.

- (a) Government Furnished Equipment.
- (b) Two cases at sub-contractors' plants.
- (c) Three cases causing engine shortage.
- (d) All at sub-contractors' plants.

PROJECT AIRPLANES - GAINS AND LOSSES - MAY 1-31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



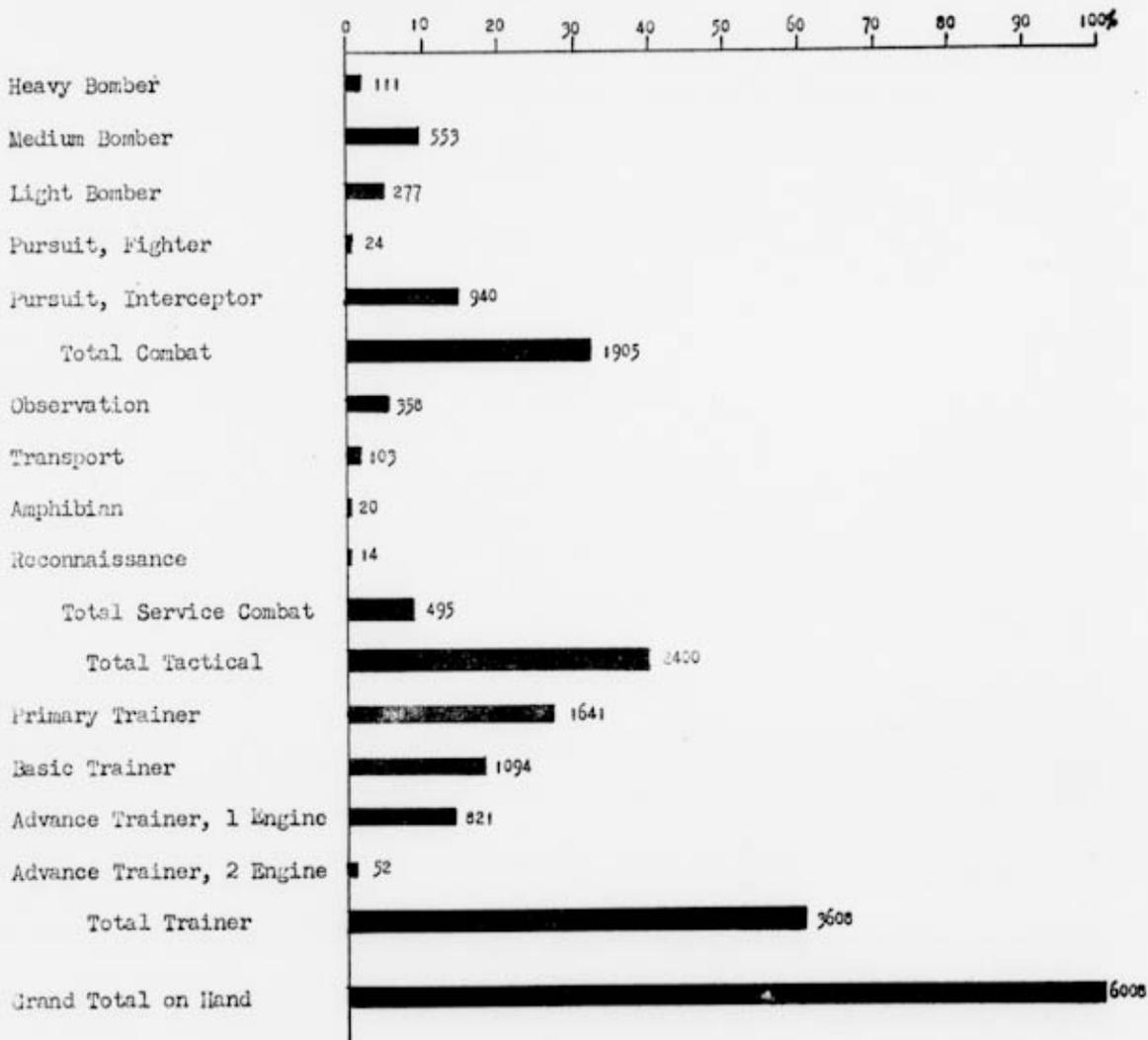
RECAPITULATION

On Hand 4-30-41	5,509
Total Gain	530
	6,039
Total Loss	-31
On Hand 5-31-41	6,008

Note: "Loss" on this diagram is used in a broad sense, i.e., any factor which affects the monthly increase in the inventory of Army airplanes. In the classification "loss" is therefore included condemnations, physical losses, and any transfer of airplanes for resale to foreign governments.

PROJECT AIRPLANES ON HAND - MAY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



There was a net gain of 499 project airplanes during the month of May which raised the on hand figure of 5,509, as of April 30, 1941, to 6,008. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes. Propellers are not available for the following airplanes included in the above figures: 46 Medium Bomber (B-26); 12 Pursuit Interceptor (P-35A); 9 Advance Trainer, 1-Engine (AT-12).



TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - JUNE 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 6/8/41	Pending (less awards)		Proposed 12,000 program(b) Modified
					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	147	-	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	668	-	-	4,850
Observation	533	533	100	44	-	-	-
Transport	1,118	931	83	27	52	135	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
<b>Total Tactical</b>	<b>15,589</b>	<b>12,502</b>	<b>80</b>	<b>1,139</b>	<b>552</b>	<b>2,535</b>	<b>10,096</b>
<u>Trainers</u>							
Primary trainer	5,490	5,490	100	1,550	-	-	450
Basic trainer	5,051	5,051	100	938	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	70	547	-	1,000	360
Adv. trainer, 2-eng.	2,632	2,632	100	53	-	-	1,050
<b>Total Trainer</b>	<b>16,470</b>	<b>15,470</b>	<b>94</b>	<b>3,088</b>	<b>-</b>	<b>1,000</b>	<b>2,760</b>
<b>Grand Total</b>	<b>32,059</b>	<b>27,972</b>	<b>87</b>	<b>4,227</b>	<b>552</b>	<b>3,535</b>	<b>12,856</b>
<u>Engines</u>							
Heavy bomber	8,988	4,188	47	1,081	-	4,800	10,624
Medium bomber	9,232	4,432	48	700	-	4,800	2,400
Light bomber	3,576	2,436	68	588	1,000	-	-
Pursuit, fighter	1,420	1,394	98	73	26	-	2,300
Pursuit, interceptor	4,394	4,394	100	808	-	-	4,850
Observation	533	351	66	350	182	-	-
Transport	2,358	1,592	68	96	208	558	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
<b>Total Tactical</b>	<b>30,683</b>	<b>20,969</b>	<b>68</b>	<b>3,730</b>	<b>1,556</b>	<b>10,158</b>	<b>20,654</b>
<u>Trainers</u>							
Primary trainer	5,490	4,590	84	2,006	-	900	450
Basic trainer	5,051	3,051	60	1,122	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	70	968	-	1,000	360
Adv. trainer, 2-eng.	2,264	2,164	41	724	-	3,100	2,100
<b>Total Trainer</b>	<b>19,102</b>	<b>12,102</b>	<b>63</b>	<b>4,820</b>	<b>-</b>	<b>7,000</b>	<b>3,810</b>
<b>Grand Total</b>	<b>49,785</b>	<b>31,071</b>	<b>62</b>	<b>8,550</b>	<b>1,556</b>	<b>17,158</b>	<b>24,464</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.

Note: "under contract" figures for engines subject to program revisions.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - June 10, 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 May 31, 1941 amounted to 53 million, of which 43 million were for motor vehicles, 5 million for new construction of military posts and land acquisition, and 3 million for clothing and equipage.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended May 31, 1941 include:

Bag, cante	Locker, trunk
Cap, B. & C.	Pillowcase
Cloth, cotton, khaki, 8.2 oz.	Pillow, feather
Cover, mattress	Shirt, wool
Handkerchief	Socks, cotton, tan
Headnet, mosquito	Undershirt, wool

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

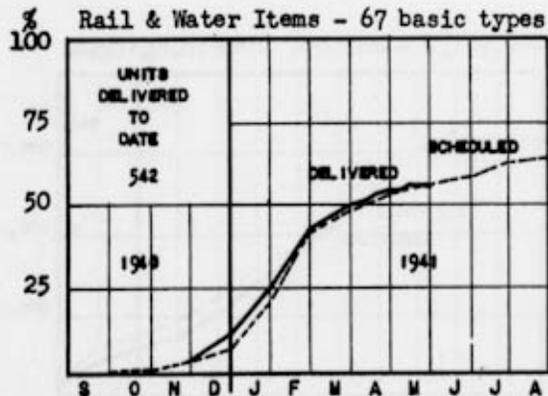
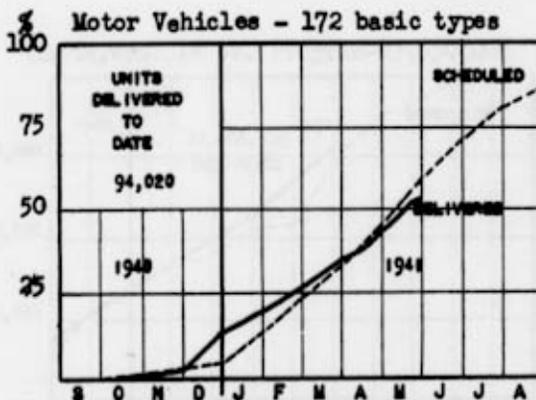
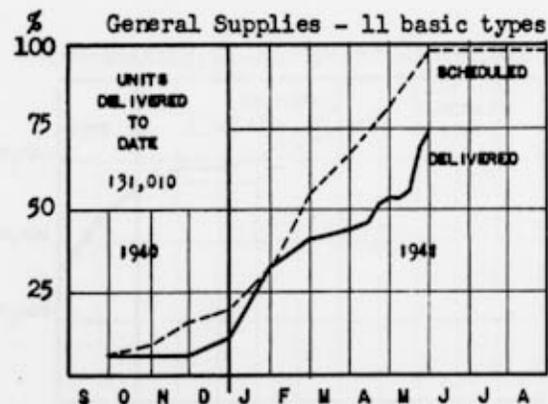
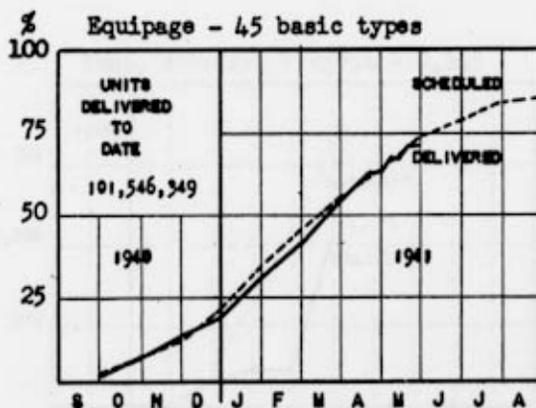
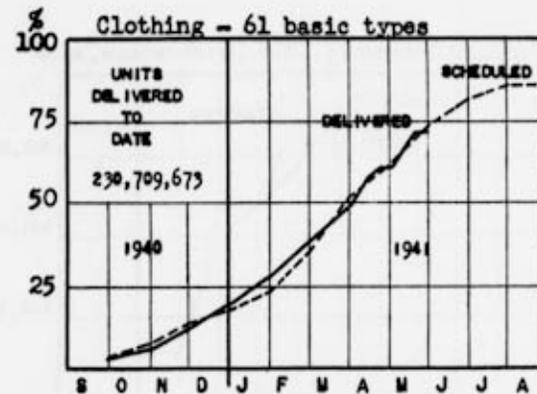
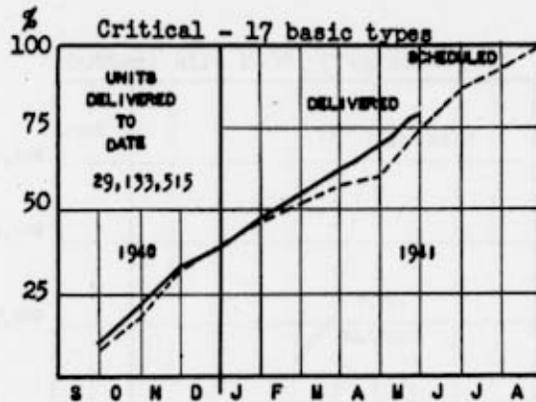
DELIVERIES -- During the quarter-monthly period ended May 31, 1941, deliveries were effected on all but 52 of the 134 items; of these 19 items have been completely procured; 17 are on schedule; 7 have no current schedule, and 9 are behind schedule.

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., dsmted.	(22%)

**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%.

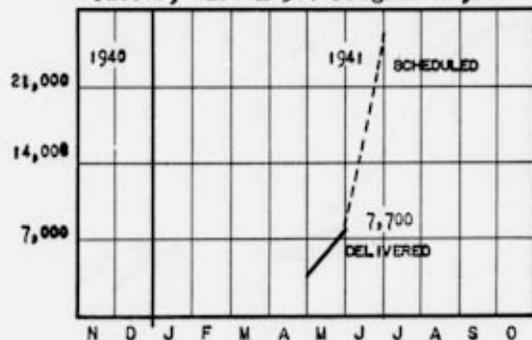
Source of Information: Statistics Branch, OQMG - May 31, 1941



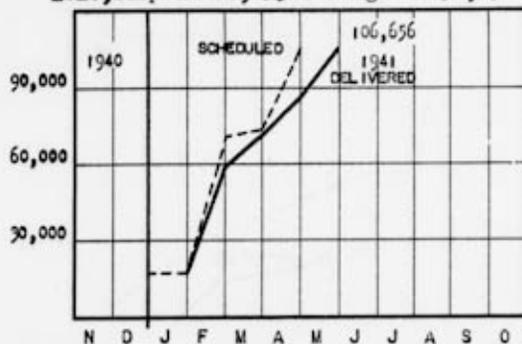
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 31, 1941

Source of Information: Statistics Branch, OQMG

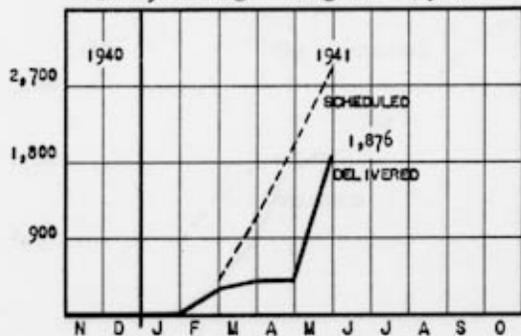
Cutter, wire M-38. Program-26,000



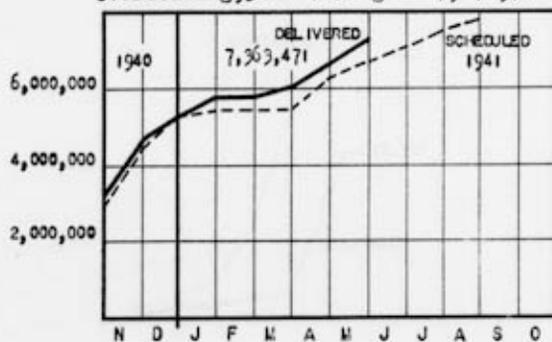
Belt, suspenders, M36. Program-156,256



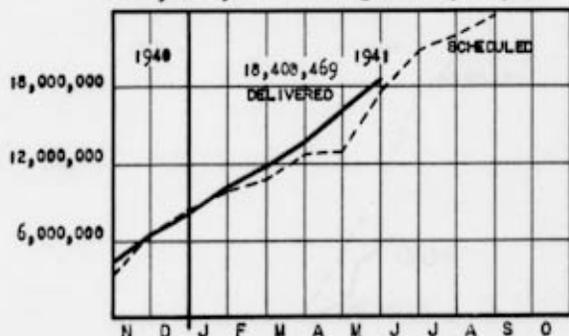
Tent, storage. Program - 3,543



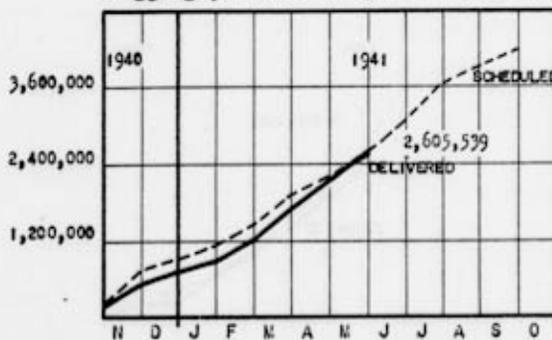
Overcoating, 32 oz. Program-7,872,942



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



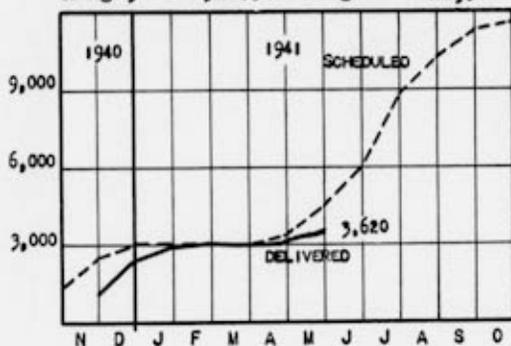
Leggings, dismt'd. Program - 4,189,999



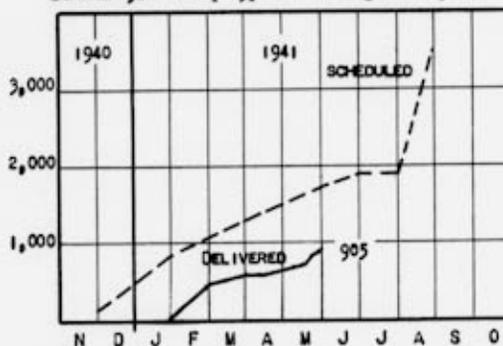
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 31, 1941

Source of Information: Statistics Branch, OQMG

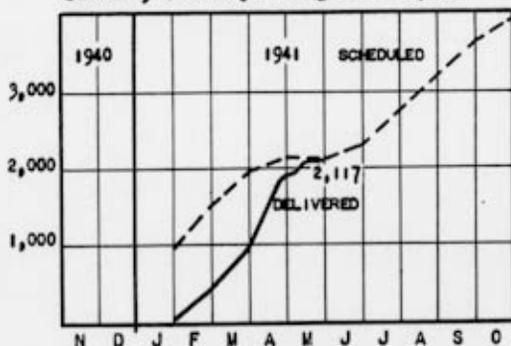
Range, field, M1937. Program - 11,500



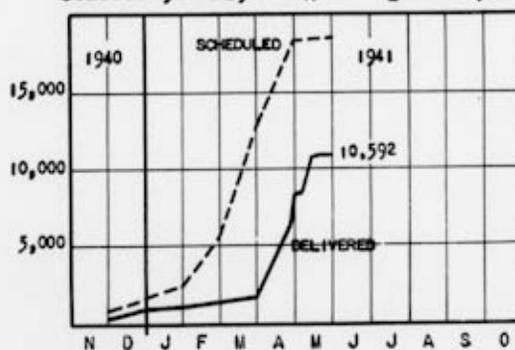
Saddle, Phillips, pack. Program - 3,500



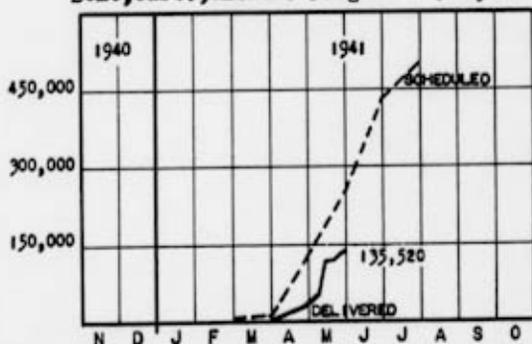
Saddle, Cavalry. Program - 5,828



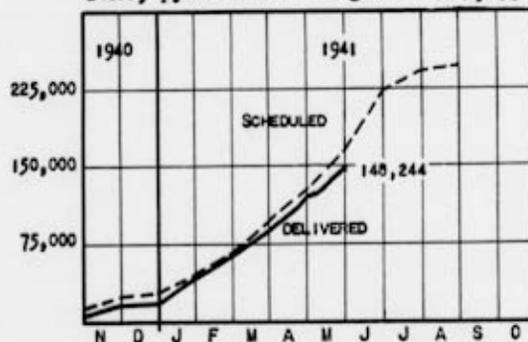
Scabbard, subMG, cal. 45. Program - 18,338



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



Tent, pyramidal. Program - 355,853

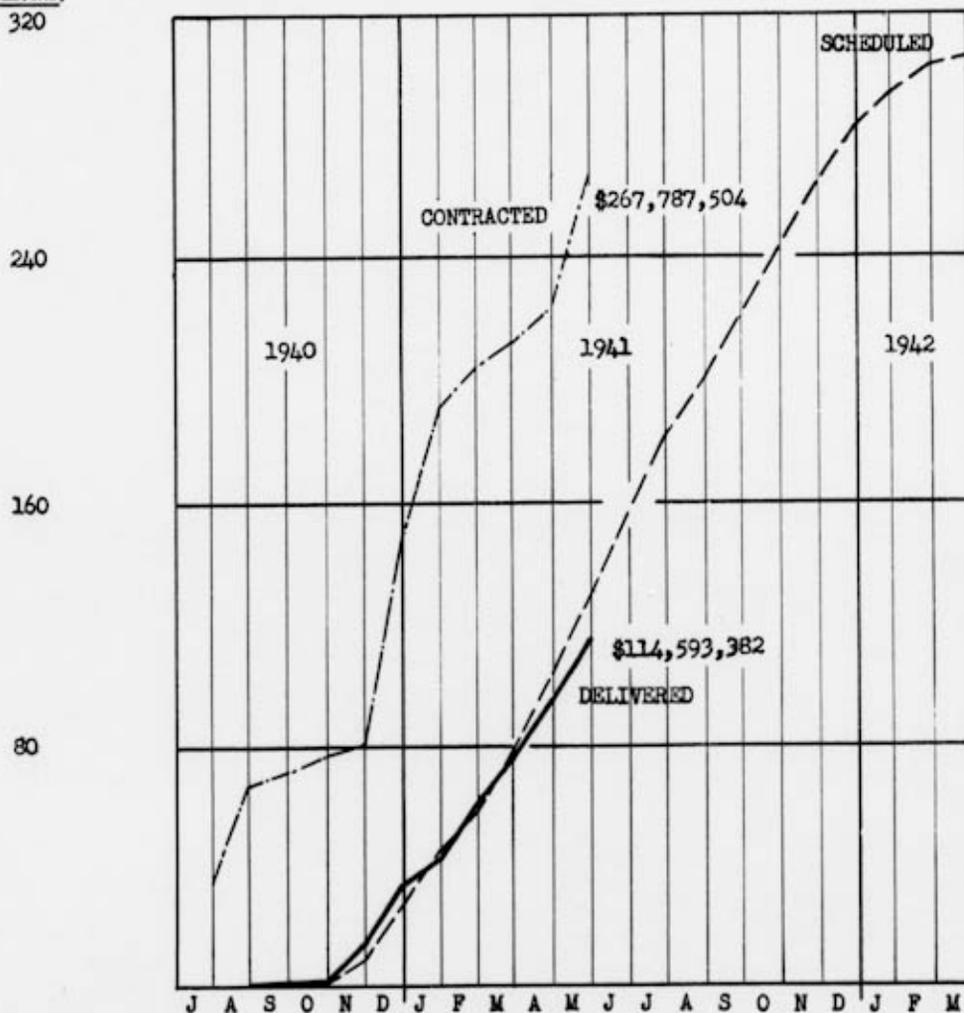


QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - MAY 30, 1941

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.

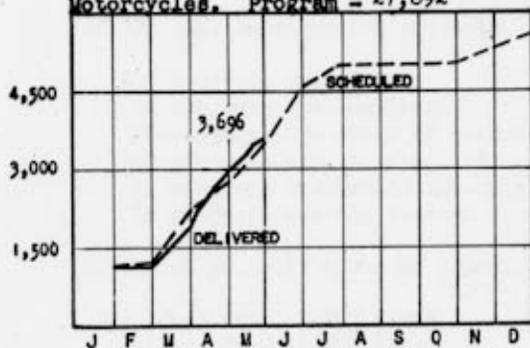
(MILLIONS)  
320



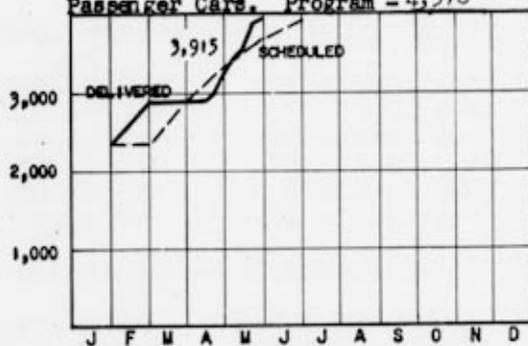
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - MAY 31, 1941

Source of Information: Statistics Branch, OQMG

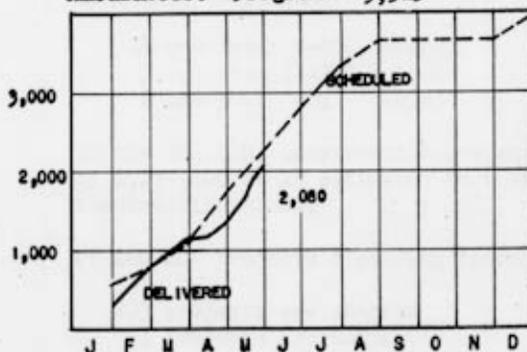
Motorcycles. Program - 27,892



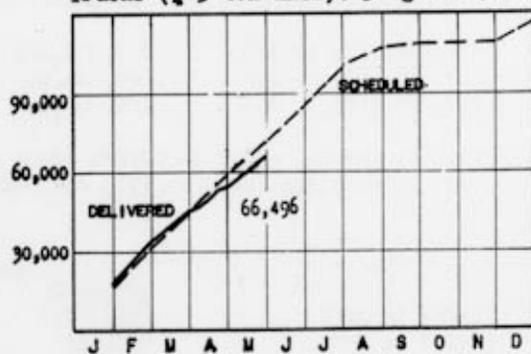
Passenger Cars. Program - 4,578



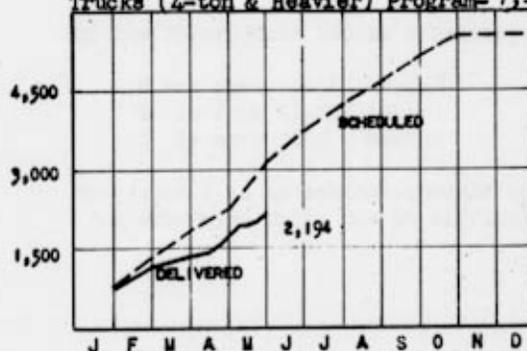
Ambulances. Program - 5,313



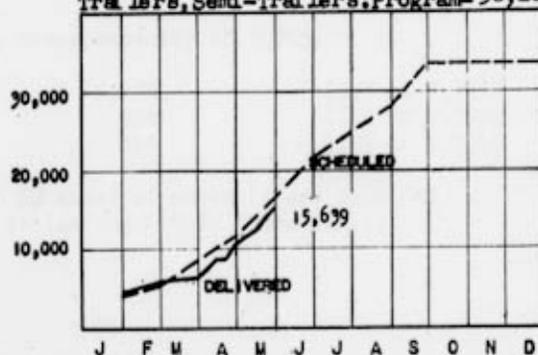
Trucks (1/2-3 ton incl). Program-155,631



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



Trailers, Semi-Trailers. Program-36,189



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - May 24, 1941

Source: Statistics Branch, OCMG - OUSW

Of 321 Q.M. construction projects, with a total estimated cost of \$1,425,509,284:

	Cost	
305 projects are started	\$1,404,884,216	(99% of total cost)
68 projects are completed	114,870,267	( 8% of total cost)
26 projects are ahead of schedule	156,938,334	(11% of total cost)
190 projects are on schedule*	1,021,834,990	(72% of total cost)
21 projects are behind schedule	111,240,625	( 8% of total cost)
16 projects are not started	20,625,068	( 1% of total cost)

Of the 26 projects ahead of schedule, with an estimated cost of \$156,938,334:

7 are from 5-10% ahead	\$71,567,007	(46% of \$156,938,334)
11 are from 11-20% ahead	58,515,573	(37% of \$156,938,334)
8 are over 20% ahead	26,855,754	(17% of \$156,938,334)

Of the 21 projects behind schedule, with an estimated cost of \$111,240,625:

16 are from 5-10% behind	\$71,219,664	(64% of \$111,240,625)
3 are from 11-20% behind	37,881,690	(34% of \$111,240,625)
2 are over 20% behind	2,139,271	( 2% of \$111,240,625)

Of the 321 Q.M. construction projects, 204 (64%) provide a troop housing capacity of 1,277,800 at an estimated cost of \$808,000,586 (57% of total estimated Q. M. construction cost).

Of the 204 projects providing troop housing:

	Capacity	
203 projects are started	1,276,250	(99% of total)
61 projects are completed	330,129	(26% of total)
18 projects are ahead of schedule	144,983	(11% of total)
114 projects are on schedule*	794,090	(62% of total)
10 projects are behind schedule	7,048	( 1% of total)

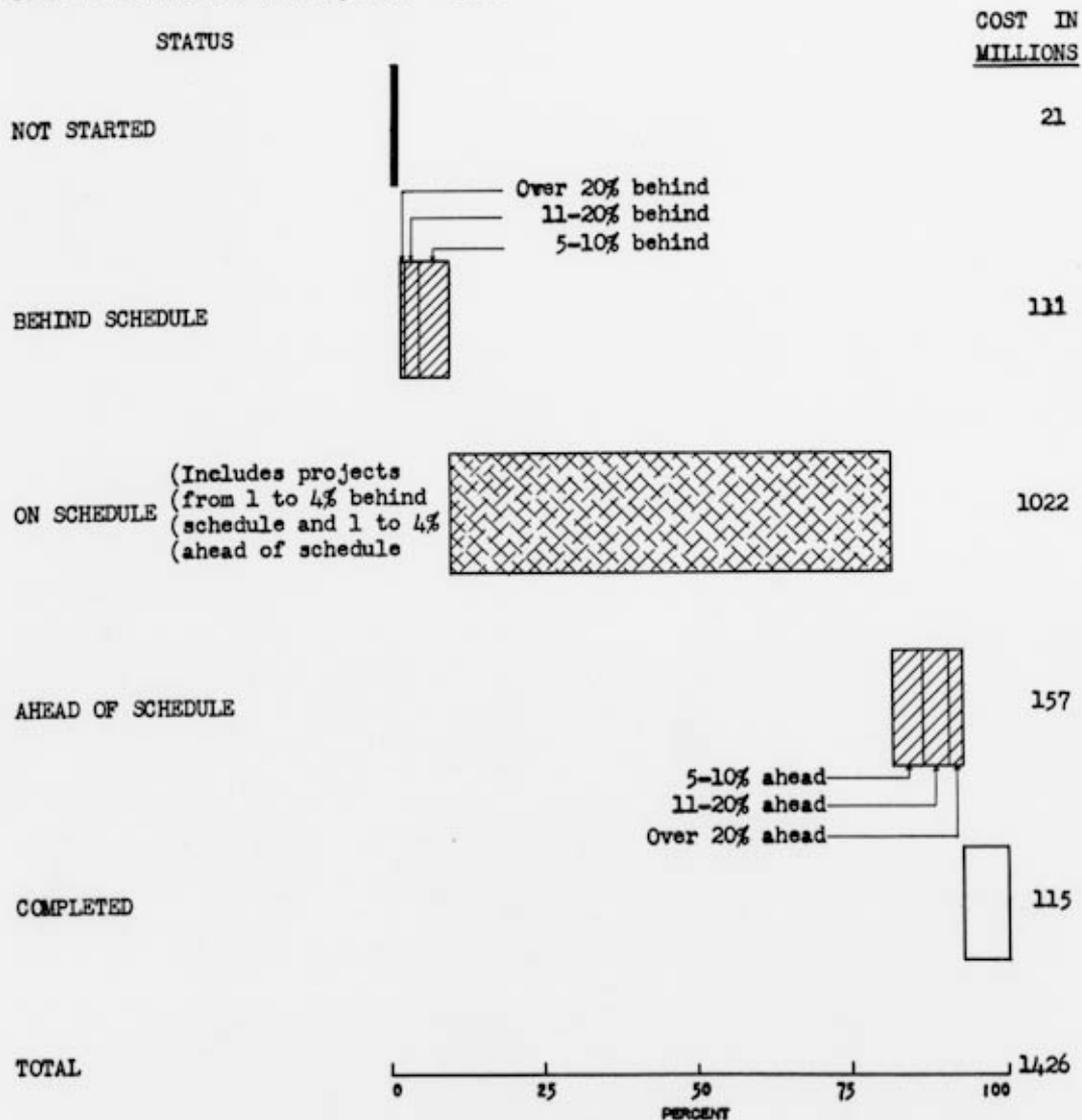
Of the 10 projects behind schedule, with a troop capacity of 7,793:

8 are from 5-10% behind	6,230	(80% of 7,793)
1 is from 11-20% behind	745	(10% of 7,793)
1 is over 20% behind	818	(10% of 7,793)

\*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 - May 24, 1941

Source: Statistics Branch, OQMG - OUSW



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - JUNE 7, 1941

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

GENERAL -- The procurement of signal equipment shows an appreciable lag behind estimated delivery schedules, although quantities of individual items delinquent are, in some instances, rather small. The number of delinquent items has been increasing and has reached a point where 65% of the critical items on which deliveries are due are behind schedules.

The production of signal equipment is largely an assembly proposition; complete items are made up of a multiplicity of parts obtained from various sources. There are numerous instances where major components have been received and a shortage of minor parts or accessories is responsible for the delay in delivery of the complete items.

Signal equipment, particularly radio, requires considerable quantities of critical raw materials. Production is subject to the availability of these materials which include aluminum, brass and zinc. Many delinquencies are traceable to the priority ratings assigned to the contractors. These ratings have not been sufficiently high to permit the obtaining of necessary materials. Substitutes have been authorized, in some cases, but for the most part correction involves change in priority rating to obtain the required material at an earlier date. Aggressive action is being taken and a definite improvement in this situation is anticipated in the very near future.

Deliveries of aircraft signal equipment are making a much better showing than are those of organizational ground equipment. This difference is primarily due to the higher preference ratings assigned to aircraft equipment. It is noteworthy that there are no instances where procurement of signal equipment for aircraft is insufficient to meet aircraft requirements.

The tabulation and diagrams appearing on pages 35 and 36 of this report show the present status of representative critical items of signal equipment with respect to the requirements for the PMP 1942. This presentation depicts the amount that each item is behind or ahead of estimated delivery schedules. Dates shown indicate the scheduled time of meeting this objective.

LABOR DIFFICULTIES -- The strikes at the plants of Feiner & Sons, New York City and Crescent Tool Company, Jamestown, N.Y. have been settled. There are, however, two new strikes which will adversely affect Signal Corps procurement, if protracted - these are a strike at the plant of General Ceramics Co., Keasbey, N.J., manufacturers of insulators and at Karp Metal Products Co., Brooklyn, N.Y., which makes metal boxes for the Signal Corps.

STATUS OF REQUIREMENTS - SIGNAL CORPS MATERIEL - JUNE 7, 1941

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

The purpose of this diagram is to indicate the present relationship between quantities of critical items of signal equipment due, on hand and required to meet PMP 1942 (plus Theatre of Operation Maintenance). It compares the progress on the procurement program with these requirements and indicates the scheduled date of meeting this objective.

All requirements are fully authorized and bars represent one hundred percent of these requirements. Contract awards sufficient to cover requirements have been made except where otherwise noted.

Item	On hand	Due	Required for PMP	PERCENT						Date
				0	20	40	60	80	100	
Charging set SCR 169	803	803	539							4/41
Coil C-161	11,194	11,194	5,880							1/41
Head & chest set HS-19	33,027	33,027	21,762							3/41
Reel cart RL-16	1,197	1,724	537							1/41
Telephone EE-8	92,295	82,170	76,646							5/41
Theodolite ML-47	167	202	121							1/41
Time interval apparatus EE-85	245	245	98							1/41
Telegraph set TG-5	4,561	3,500	4,473							10/41
Test set EE-65	1,425	1,311	1,321							6/41
Reel unit RL-31	9,555	9,935	10,048							9/41
Wire W-110-B (miles)	135,090	120,636	145,805							8/41
Reel unit RL-26-A	3,460	4,300	4,569							6/41

Due

On hand

(Continued)

STATUS OF REQUIREMENTS - SIGNAL CORPS MATERIEL - JUNE 7, 1941 (PAGE II)

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

Item	On hand	Due	Required for PMP	PERCENT					Date
				0	20	40	60	80	
Switchboard BD-72	3,554	3,554	5,075						8/41
Switchboard BD-71	4,000	4,000	6,133						9/41
a/Frequency meter set SCR-211	2,813	4,359	6,278						12/41
Test set I-56	1,202	1,235	2,830						b/
Coil C-114	10,085	10,760	30,478						3/42
Radio set, ground	7,625	11,747	29,012						b/
Signal lamp equipment EE-84	189	572	1,086						10/41
Switchboard (BD-14) BD-96	101	101	951						b/
Flash ranging set GR-4	2	2	20						9/41
Sound ranging set GR-3-C	2	4	36						9/42
Converter M-134-C	10	30	315						8/42
Interphones (vehicular)	0	740	966						6/41
Telephone central office set TC-2	0	24	38						8/41

Due

On hand

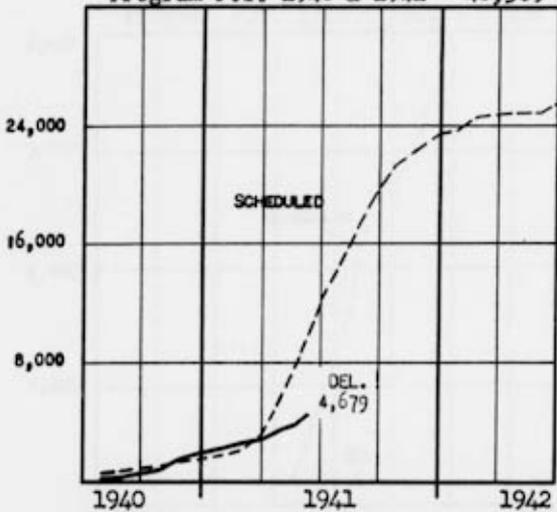
a/ Includes aircraft requirements

b/ Not fully contracted

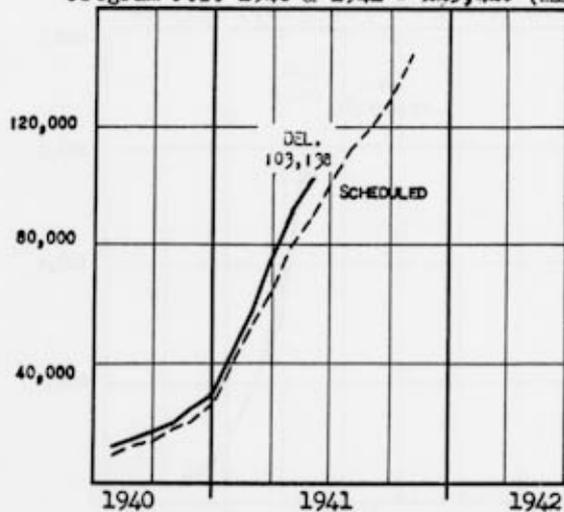
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 7, 1941

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

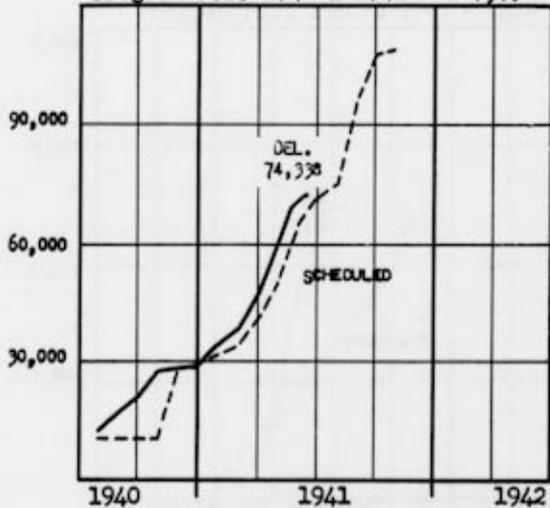
Radio Set  
Program F.Y. 1940 & 1941 - 40,309



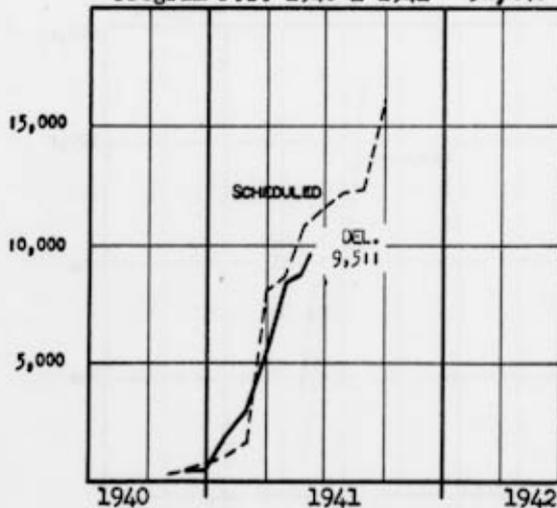
Wire W-110-B & W-130  
Program F.Y. 1940 & 1941 - 225,410 (miles)



Telephone EE-3  
Program F.Y. 1940 & 1941 - 109,951



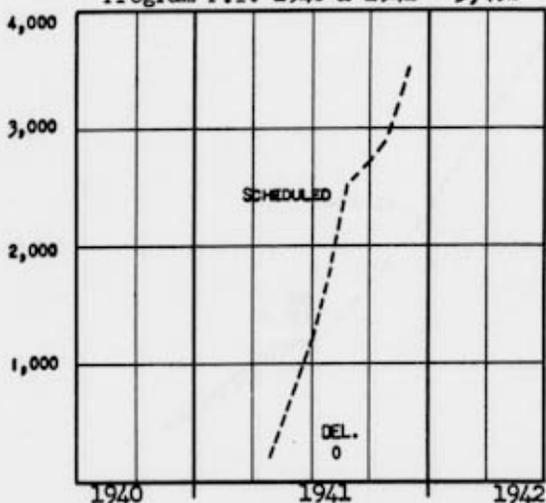
Reel Unit  
Program F.Y. 1940 & 1941 - 51,240



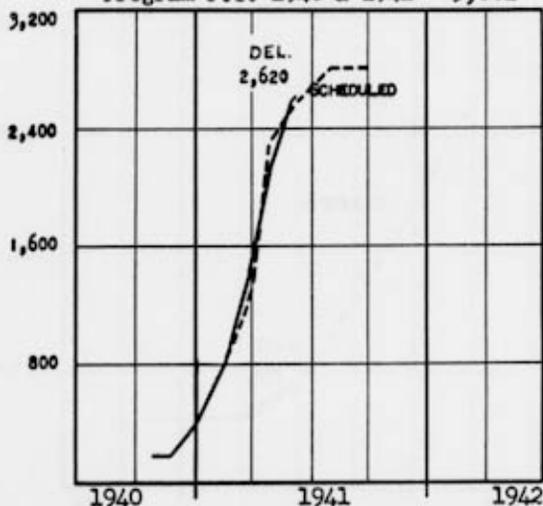
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF JUNE 7, 1941

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

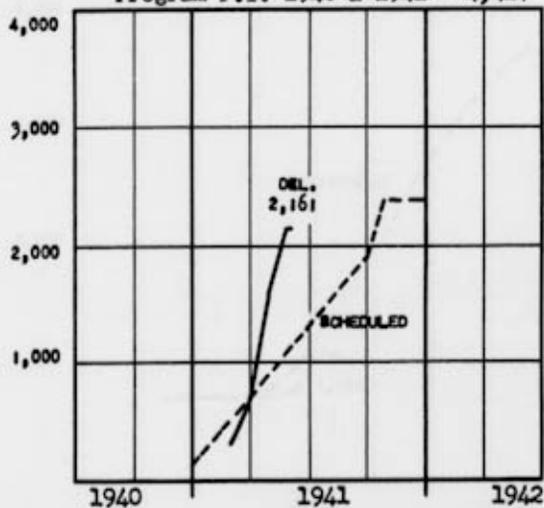
Interphones (vehicular)  
Program F.Y. 1940 & 1941 - 3,492



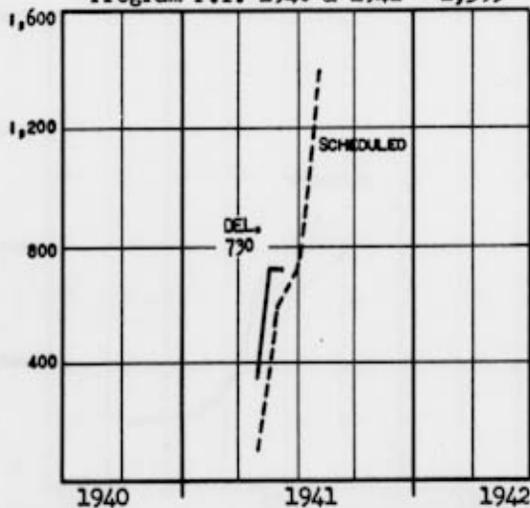
Test Set  
Program F.Y. 1940 & 1941 - 5,061



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

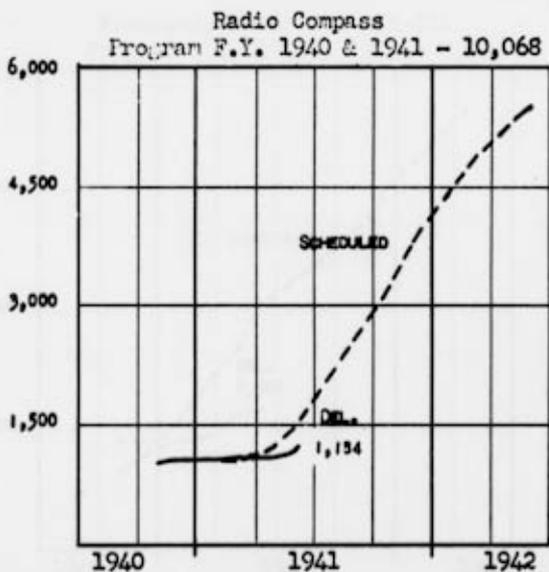
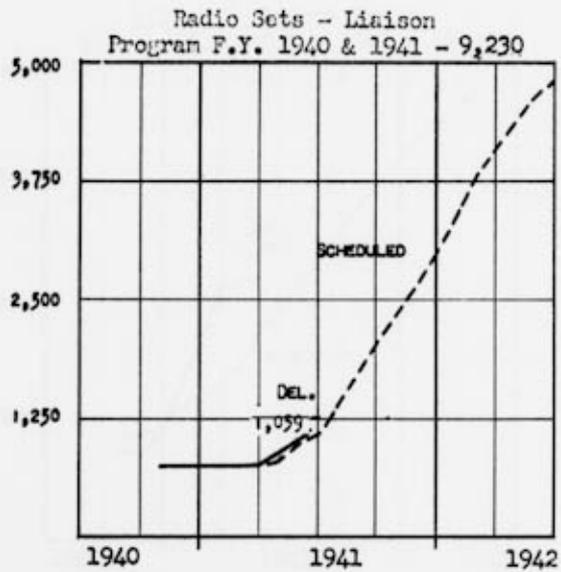
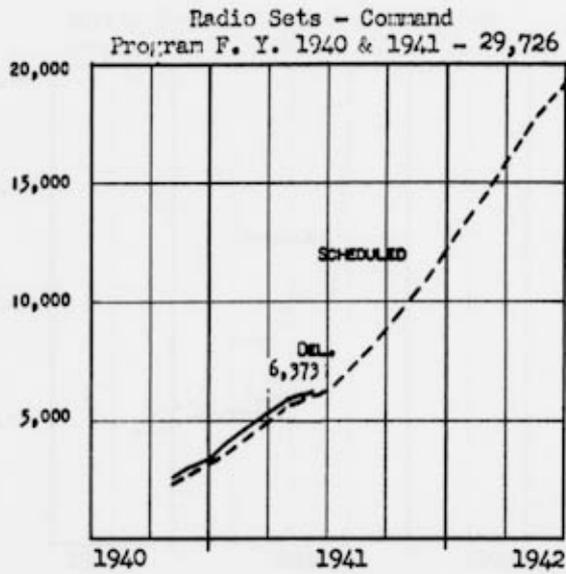


Charging Set SCR-169  
Program F.Y. 1940 & 1941 - 1,395



SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - June 7, 1941

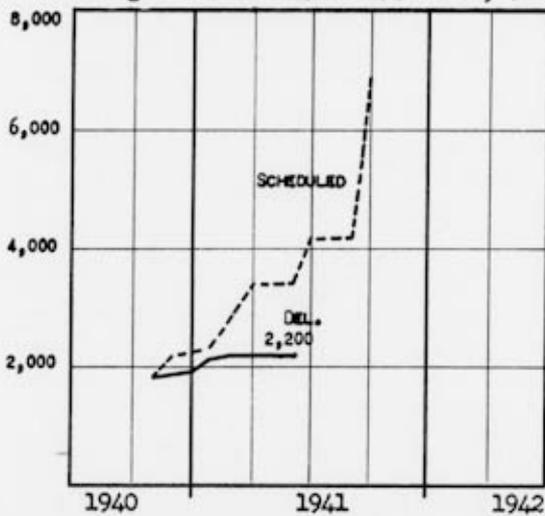
Source of Information: Supply Division, Office of the Chief Signal Officer



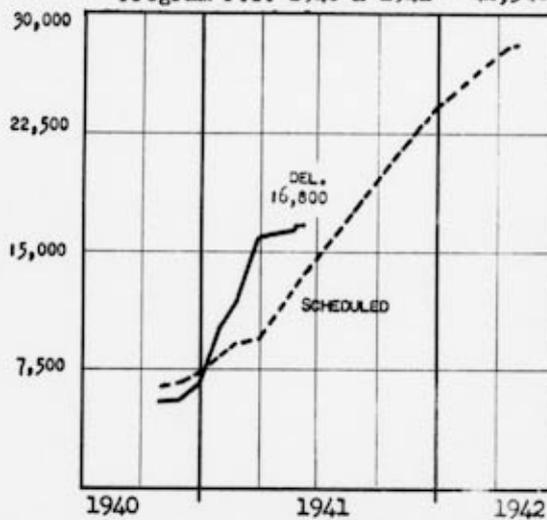
SIGNAL CORPS PROCUREMENT - AIRCRAFT SIGNAL EQUIPMENT - June 7, 1941 (PAGE II)

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

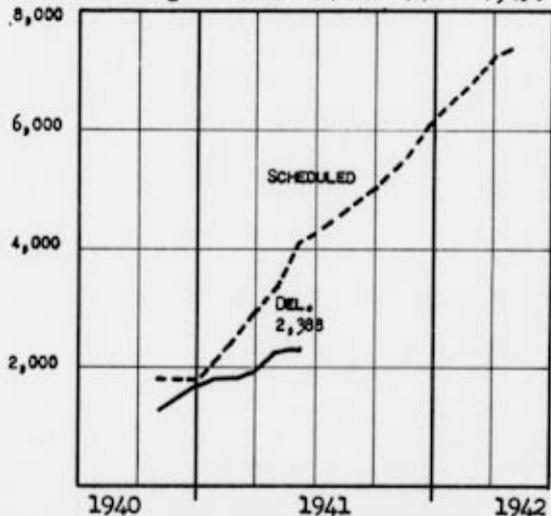
Marker Beacon Receiving Equipment  
Program F. Y. 1940 & 1941 - 11,196



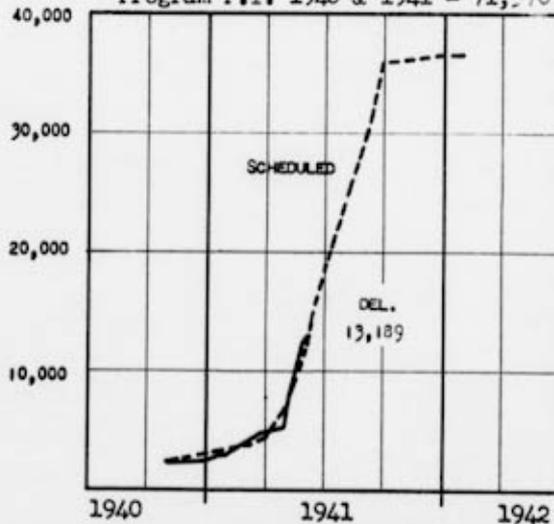
Filter Equipment RC-32  
Program F.Y. 1940 & 1941 - 42,348



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



Microphone 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

GENERAL

The Engineer procurement program is at present at a point of transition. Old contracts have been completed and new ones let under the funds provided in the Fifth Supplemental Appropriation Act have not yet started. Only nine items are active for the first week of June. The Engineers failed to receive progress reports from some of their manufacturers in time for inclusion in this report. The most important item in this category is the 60" antiaircraft searchlight.

BEHIND SCHEDULE

The following 10 items are behind schedule as of June 7.

	<u>Number Behind Schedule</u>	<u>Percent Behind</u>
Trailer, for 60" searchlight	374	100
Trailer, triangular tower	32	80
Stereoscope, magnifying, mirror	455	52
Searchlight, 18" beach defense	49	39
Hammer, gas operated	292	27
Bridge, steel, portable, H-20	2	20
Ponton bridge, 10-ton	16	20
Searchlight, 60" antiaircraft		
Compressor, air, motorized	92	13
Electric lighting equip., 3 kva	11	3

TRAILER, FOR 60" SEARCHLIGHT

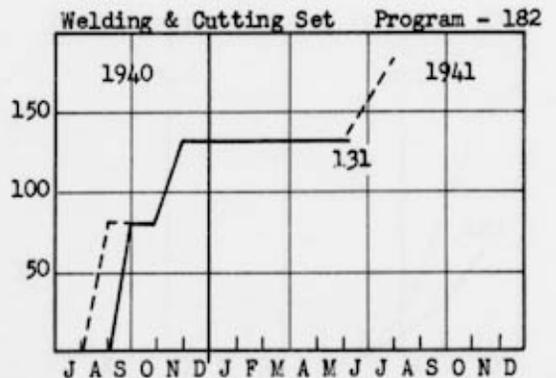
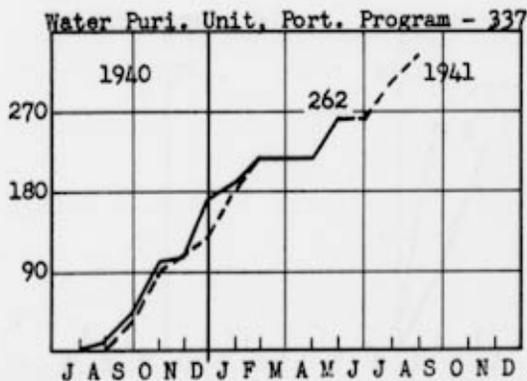
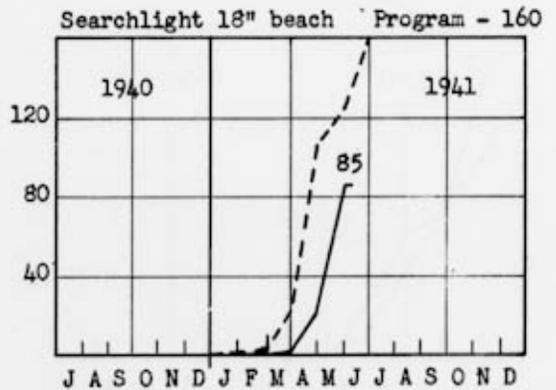
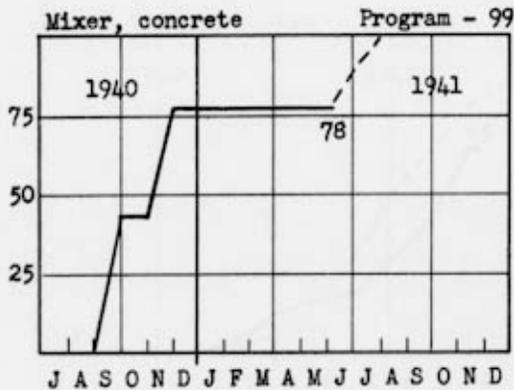
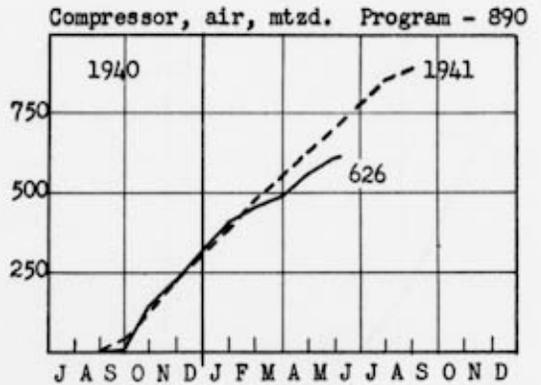
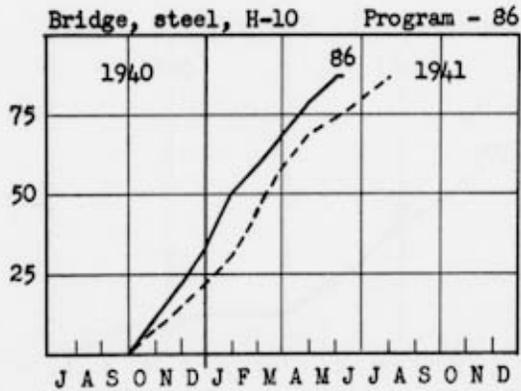
This trailer is an important component of the antiaircraft searchlight which may give trouble and is considered important enough to warrant attention. As of June 7 only 1 was delivered while 375 were scheduled but it is understood that deliveries are starting the week ending June 14 at the rate of nearly 5 per day.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 7, 1941

Source of Information: Office of the Chief of Engineers

Scheduled - - -

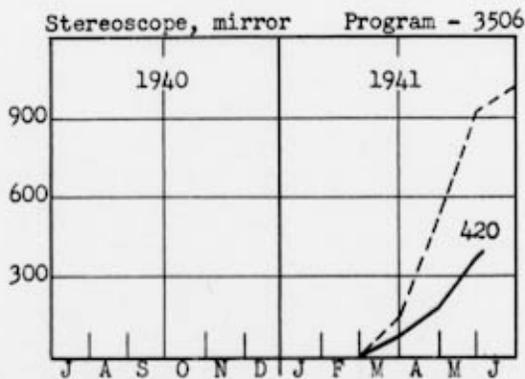
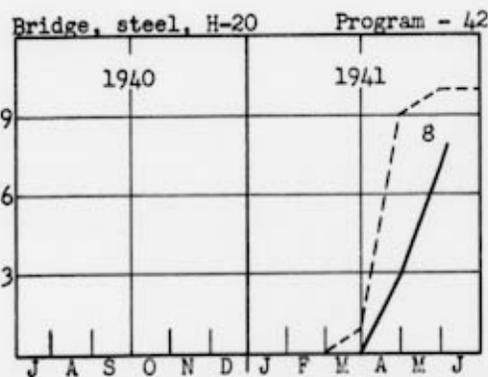
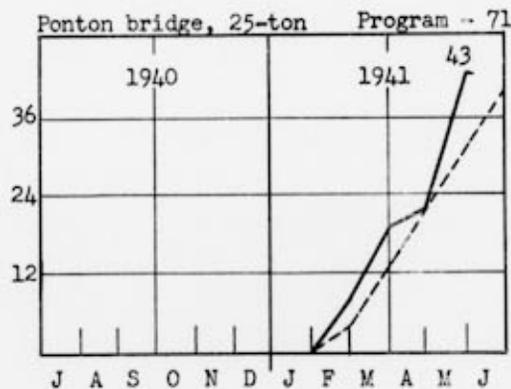
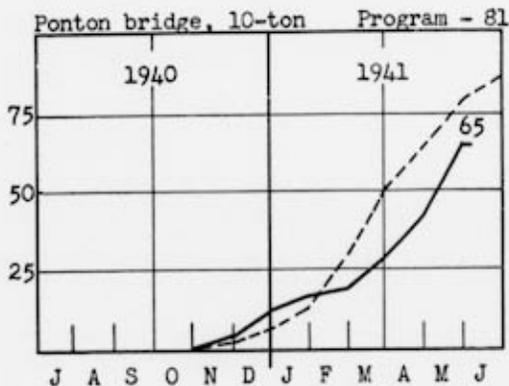
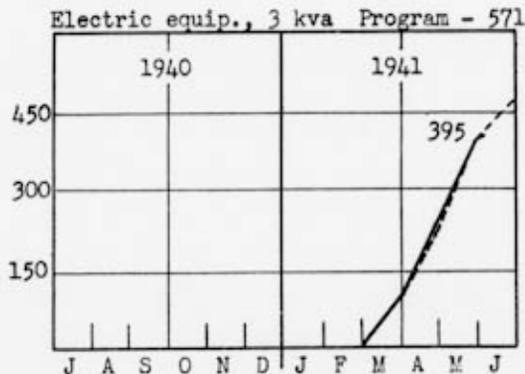
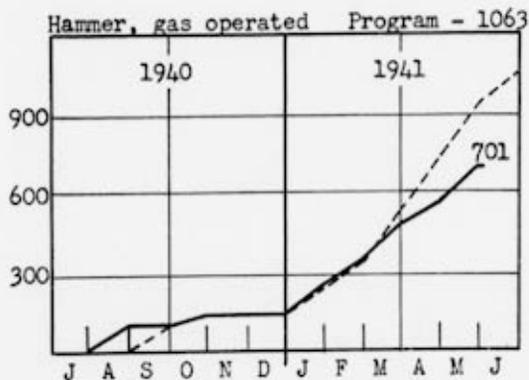
Delivered - - -



CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 7, 1941

Source of Information: Office of the Chief of Engineers

Scheduled ---  
Delivered —



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - MAY 15, 1941

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

The table below shows the present status of the Air Corps Construction being done by the Corps of Engineers in the continental U. S. and overseas. The estimated cost of this construction is \$382,600,000. About 41 percent or \$158,400,000 of the work is in place.

Type of construction	No. projects	Estimated cost	Work in place	Percent of Work in Place
Temp. housing and tech. facilities at existing municipal airport	28	\$ 54,733,000	\$40,689,460	74
Technical facilities	7	20,111,000	12,058,780	60
Temp. housing and tech. facilities at existing air corps station	24	71,949,000	41,047,740	57
Airfield with perm. and temp. housing and tech. facilities	7	84,203,000	40,263,040	48
Miscellaneous construction	3	10,236,000	4,100,660	40
Tent camp and technical facilities at existing airport	5	4,737,000	1,137,360	24
Airfield with temporary housing and technical facilities	21	74,431,000	15,710,460	21
Aircraft assembly plant	4	62,200,000	3,425,780	6
Total	99	382,600,000	158,430,280	41

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JUNE 14, 1941

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

The outlook for the delivery of surgical instruments appears to be somewhat brighter. According to latest reports, deliveries of steel for the manufacture of these instruments is being made, and the producers of forgings promise to place their supplies in the hands of the instrument makers in the near future.

The Picker X-Ray Corporation of Cleveland, Ohio, whose employees are now on strike, has contracts with the Medical Department for ninety-three Radiographic and Fluoroscopic X-Ray Machines of 200 MA capacity and for two hundred eighty-two Field X-Ray Machines. Delivery has been made of sixteen of the larger type machines and one hundred five of the smaller.

The American Sterilizer Company, Erie, Pennsylvania, due to greatly increased volume of business with the Army and Navy, has been unable to keep up with its schedule of deliveries. However, by operating its plant now on a two-full-shift basis and working overtime, the company hopes to complete its contracts more rapidly and thus eliminate delinquencies.

Due to labor difficulties and scarcity of basic materials the 61 critical items reported on shows a less favorable condition on May 31 than on May 15.

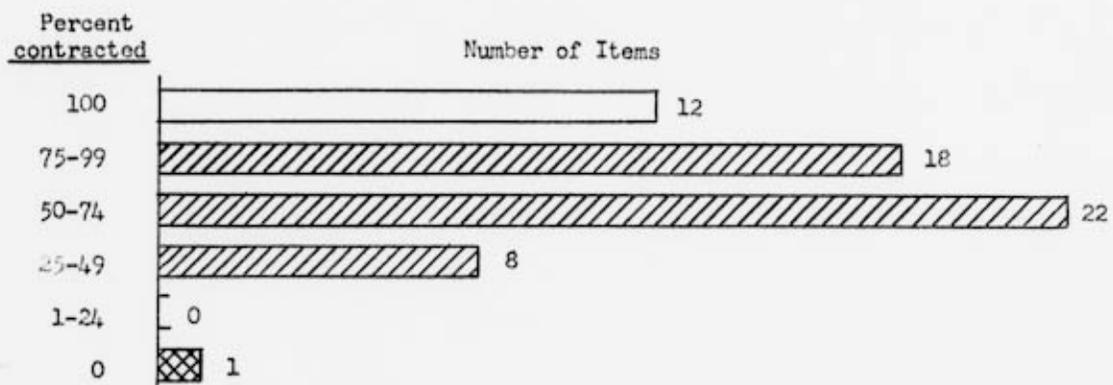
	Ahead of Schedule	On Schedule	Behind Schedule	Added 5-15-41 Not contracted
May 15	19	19	22	1
May 31	19	16	25	1

According to a summary of Weekly Vital Statistical Report No. 22, June 5, 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 2.85. This percentage shows 2.53 remaining in hospitals and .32 in quarters.

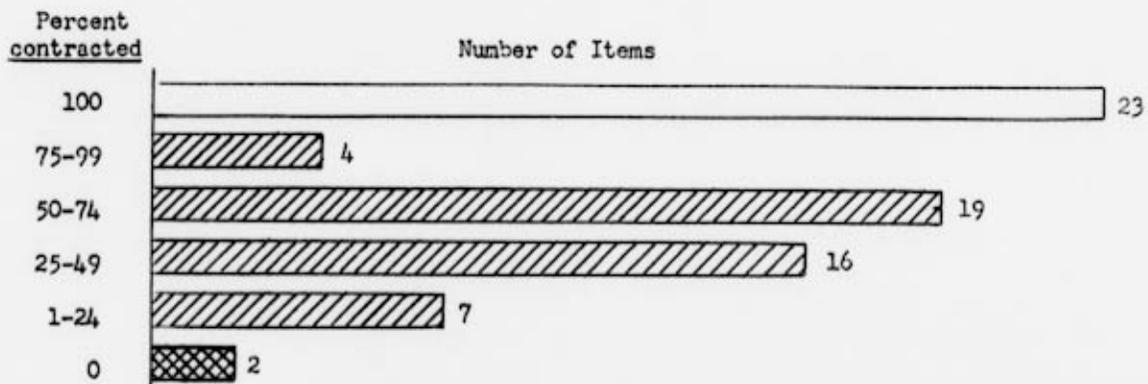
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - MAY 31, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



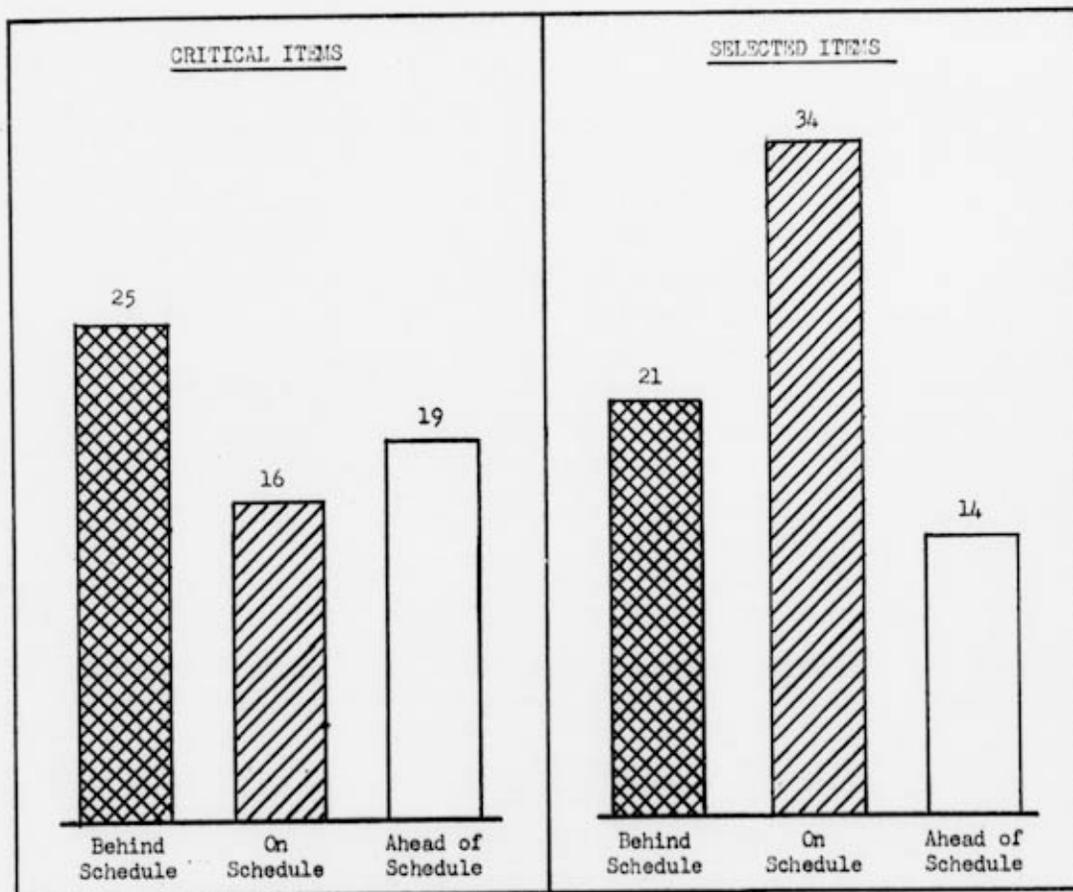
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - MAY 31, 1941

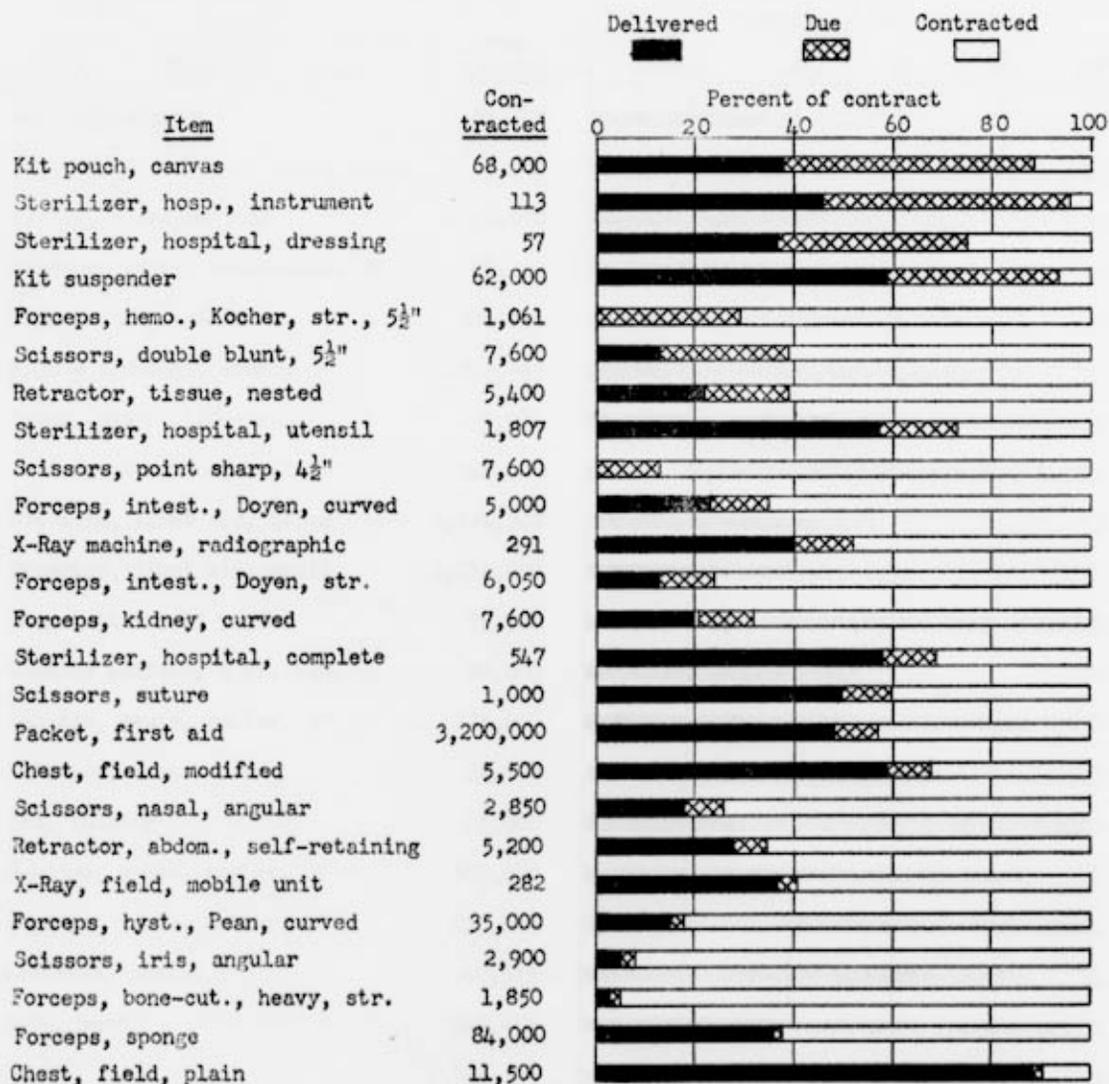
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



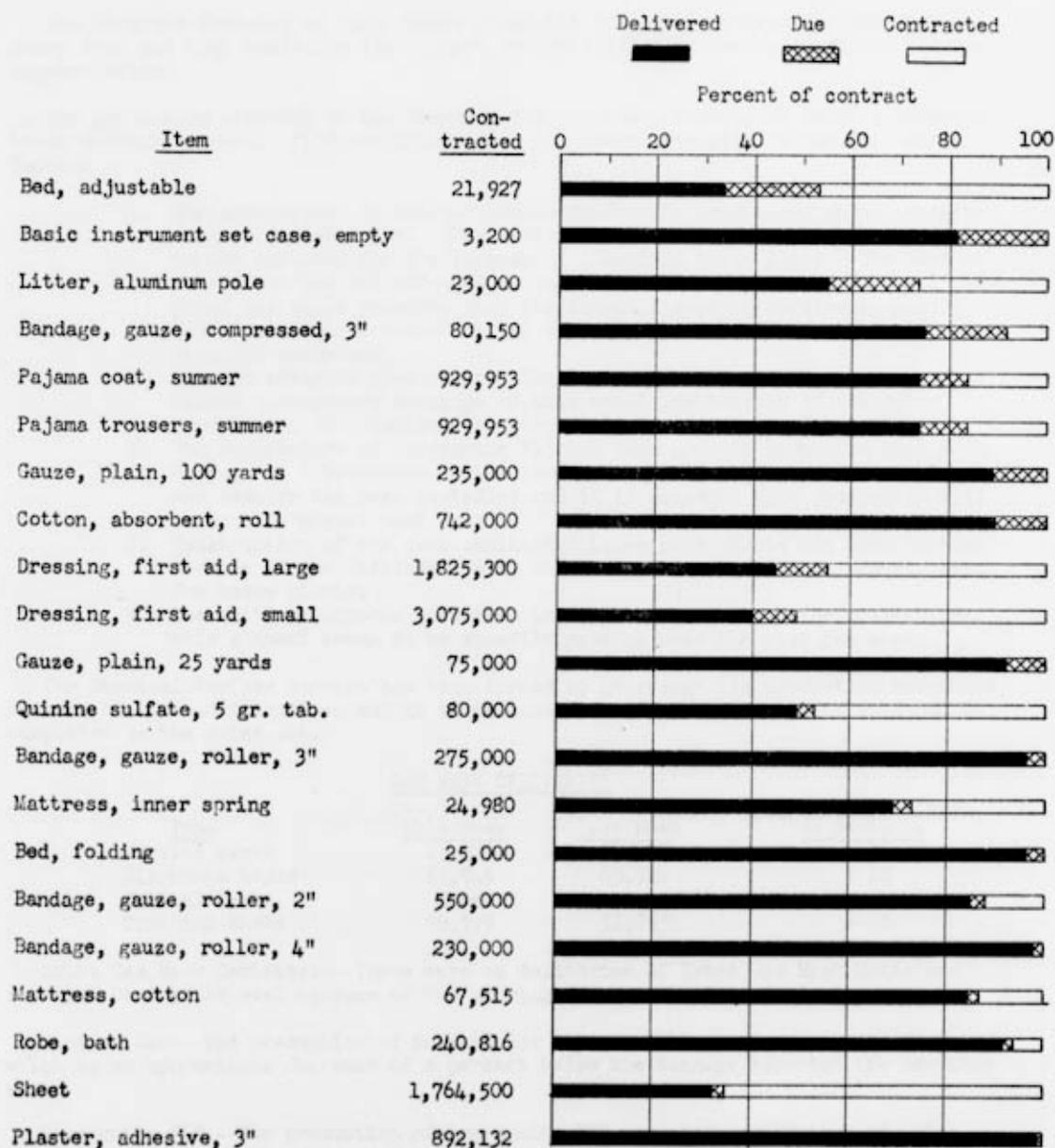
MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - MAY 31, 1941

Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - MAY 31, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JUNE 6, 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.

The production activity of the Chemical Warfare Service seems to be on a downward trend during the week. This declining trend is caused primarily by the following factors.

1. The manufacture of the gas mask canisters is predicated on an adequate supply of Whetlerite. This Whetlerite is an impregnated charcoal used in the canister for the purpose of absorbing toxic gases. The present facilities are not adequate to supply the demand for this chemical compound and it is reported that the Chemical Warfare Service is making every effort to procure new and additional facilities for this important chemical absorbent.
2. The low priority given to the Chemical Warfare Service on aluminum has caused a temporary shortage of this metal and because of the labor troubles in the aluminum industry the scarcity becomes more dominant.
3. The manufacture of impregnite "I" has been greatly curtailed this week because of a breakdown in the impregnite plant at Edgewood Arsenal. One new reactor has been installed and it is believed that production will be back to normal next week.
4. Construction of the four additional impregnite plants has been impeded because of the difficulties in obtaining the necessary structural steel for these plants.
5. The white phosphorus situation is still unchanged and the scarcity of this element seems to be steadily growing over the past few weeks.

The Chemical Warfare Service has been forced to rearrange its production schedules because of these difficulties and it is indicated that certain contracts will not be completed on the dates set.

GAS MASK DELIVERIES

Type	This Week	Last Week	Percentage Increase or Decrease
Service Masks	29,376	37,419	- 21
Diaphragm Masks	51,946	63,724	- 18
Optical Masks	None	None	
Training Masks	59,597	51,963	+ 15

Extra Gas Mask Canisters:--There were no deliveries of Extra Gas Mask Canisters reported during the week because of the shortage of Whetlerite and Aluminum.

Mustard Gas:--The production of Mustard Gas reported this week amounts to 84 tons which is an approximate decrease of 8 percent below the tonnage reported the previous week.

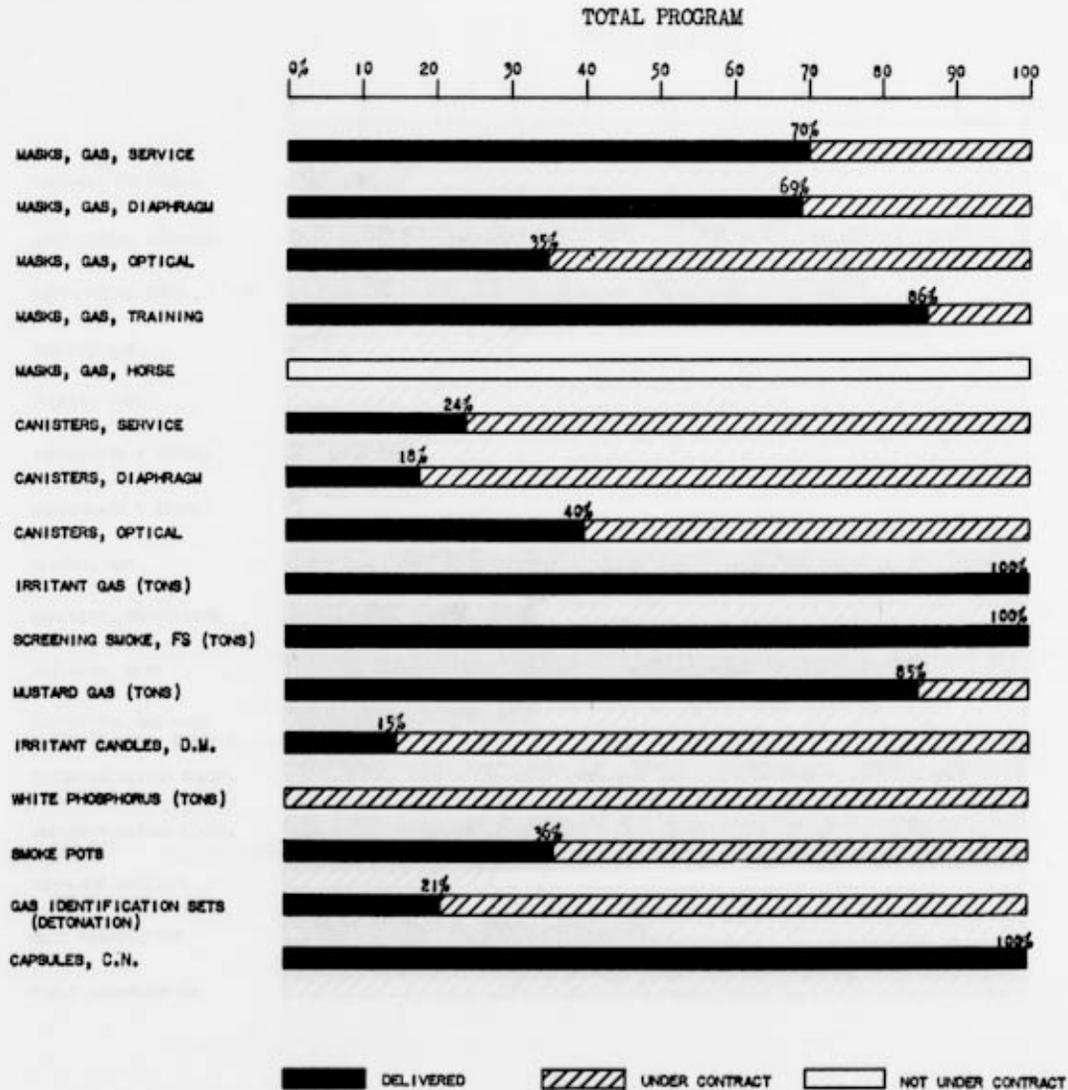
Impregnite "I":--The production of Impregnite "I" amounted to 8.9 tons of which 3.5 tons have been delivered and 5.4 tons are now in the process of being inspected.

Chemical Warfare Service

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

Source of Information: Chemical Warfare Service

June 6, 1941

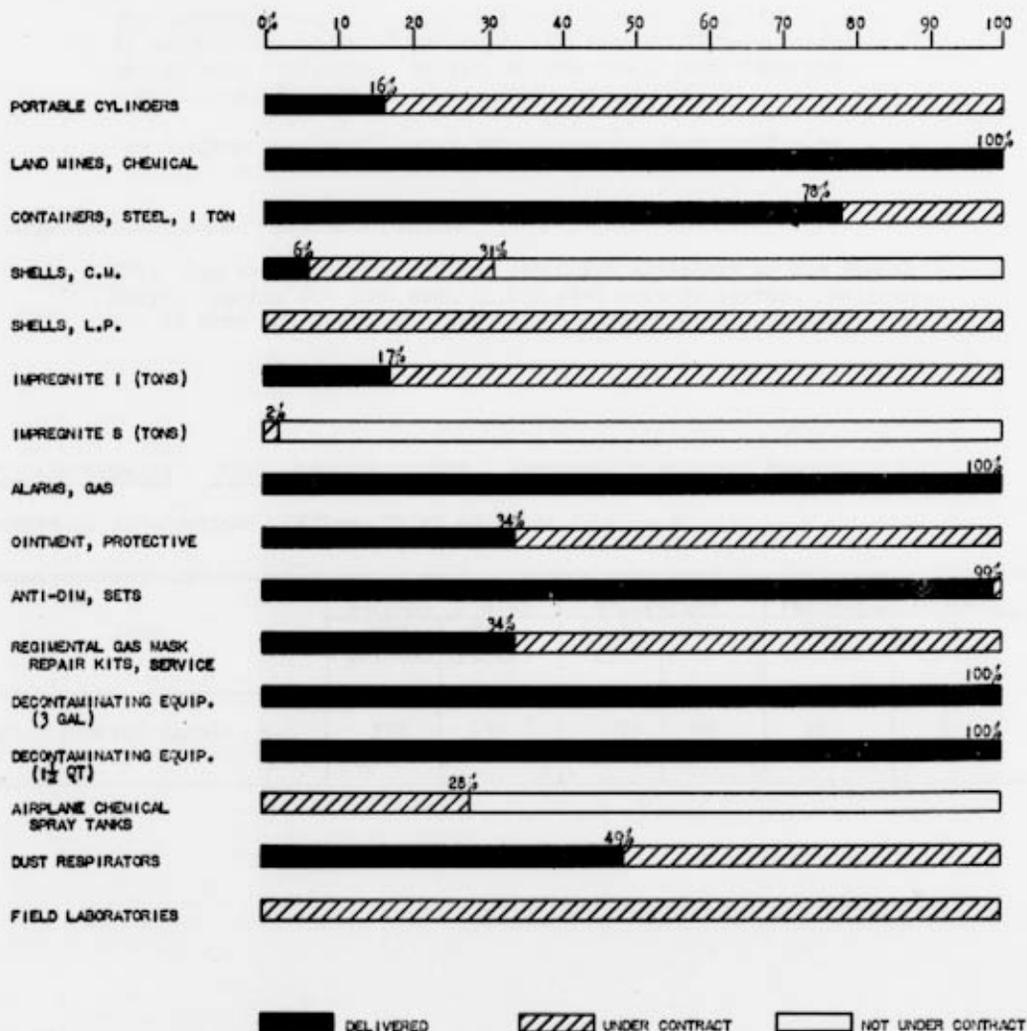


PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service

June 6, 1941

TOTAL PROGRAM



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JUNE 7, 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 7, 73 were scheduled and 85 were delivered. Deliveries now are 12 more than the schedule and 62 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 84,250 feet were delivered. Deliveries to date are 2,665,300 feet, or 73 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 31, 1941

Source of Information: Office, Chief of Coast Artillery

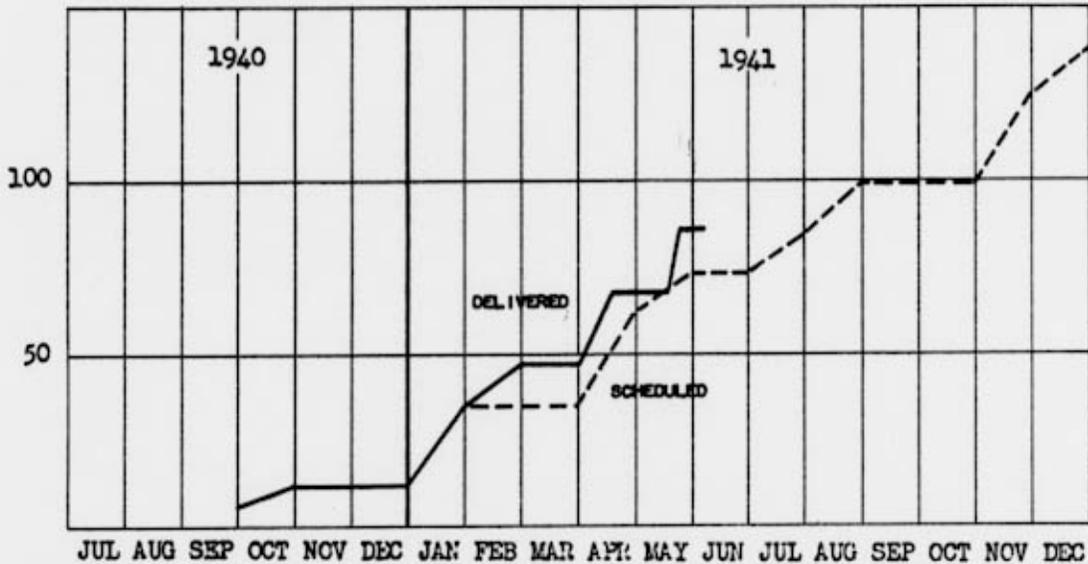
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual June 7	Contracted	Delivered
Group control panels, M-3	138	138	73	85	100	62

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JUNE 7, 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