

War Reports, Weekly Statistical: 5/10-5/24/41

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BF War

WEEKLY STATISTICAL REPORT

SUMMARY

No. 45

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DIRECTOR, STATISTICS BRANCH

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

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Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 45

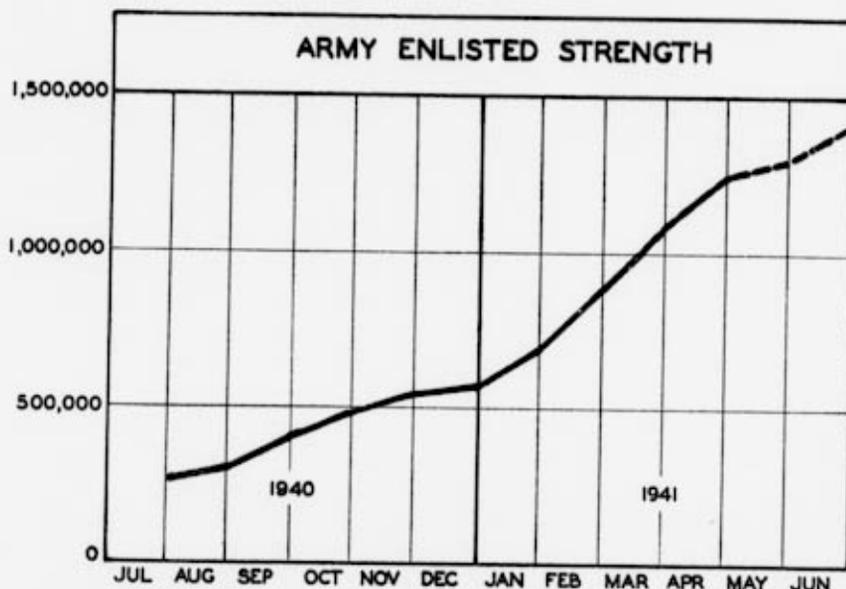
MAY 10, 1941

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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures subsequent to March 31 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

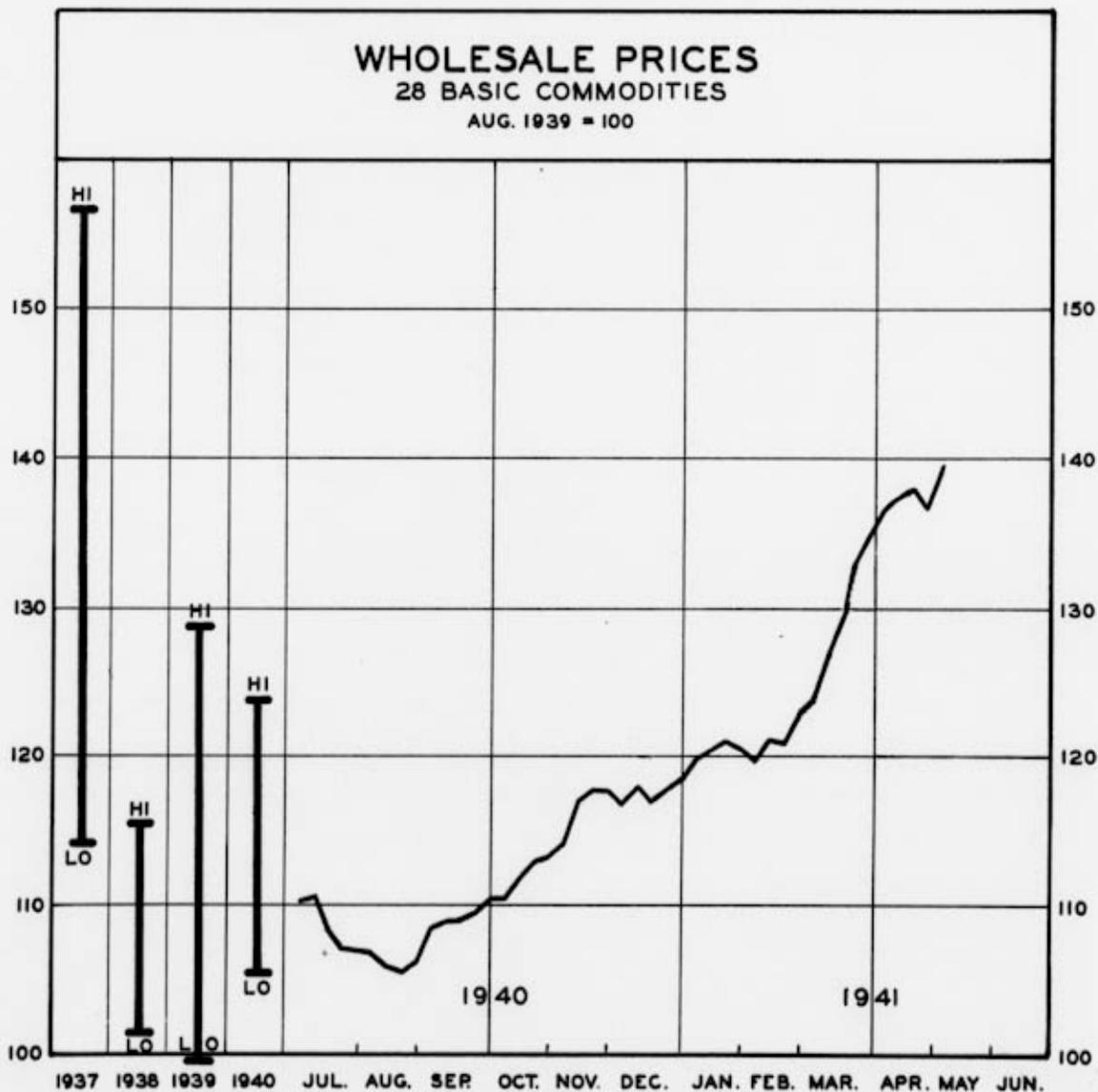


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan. 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May	1,291,028
June	1,418,097

PRICES

Prices of basic commodities resumed their upward movement and advanced to 139.6 percent of the August, 1939 level, 21 percent above a year ago. Leading import commodities which increased 2.6 percent during the week accounted for most of the increase. Higher shipping costs were largely responsible for the advances in import 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 7, 1941

The majority of the commentators acquiesces in the policy of protecting, to some degree, shipments of Lease-Lend materiel to Britain, though in some cases the acquiescence takes the form of refraining from protest rather than expressing approval. The group which advocates convoying, as being more certain to succeed than patrolling, has grown larger and more insistent.

There is a certain disposition to enquire more closely into the progress of the defense program and aid to Britain, and it is accompanied by a rise in demand for any facts which will throw light on these two undertakings without jeopardizing military secrets.

The tax program is commended in its broad outlines and, though there has been some disagreement about details, there is no disposition at all to take exception to the size of the tax bill. Most of the writers on the subject have reiterated their belief that non-defense Government expenditures should be cut substantially, as an accompaniment to the higher taxes. Some commentators appear to believe that the country at large is not aware that higher taxes are of value not merely as a means of raising needed revenue but as an inflation control as well.

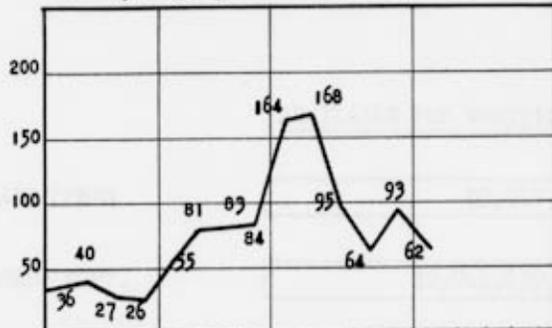
TABULAR SUMMARY

<u>AID FOR BRITAIN</u>		Tallies	GENERAL COMMENDATION		HOURS, WAGES, LABOR	
Patrol not enough	10	Govt. labor policy	2	Strikes must stop	13	
For convoying	11	Mediation Board	2	Unfair to draftees	1	
Consult Congress	1	General production	17	Racketeering must stop	2	
Send ships	2	Aid progress	1	Discipline lacking	1	
For ship pool	1			Leadership to blame	1	
For tanker transfer	1	GENERAL CRITICISM		Coal strike disastrous	3	
Take foreign ships	4	War Department	3	Strike end praised	16	
Send oil	1	Department of Labor	3	GM agreement praised	3	
Approval plane transfer	1	The OPMND	2	Situation improving	1	
All possible aid	6	Security Ex. Com.	1	For Mr. Green's policy	1	
We must save Britain	1	Sup. Court labor policy	6	For NLRB restraint	1	
		Govt. labor policy	4	For comp. arbitration	1	
<u>ECONOMICS, INFLATION</u>		Govt. economic policy	6	For "cooling off" law	3	
Inflation & curbs	8	Govt. fiscal policy	1	For voluntary methods	1	
Defense issues	19	Govt. defense policy	1	Revise Wagner Act	4	
Various tax plans	12	Govt. leadership	10	For Vinson Bill	1	
For higher taxes	6	Defense progress	48	Modify Vinson Bill	1	
Cut Govt. spending	8	Slow sub-contracting	4	Lengthen work hours	1	
Against usual business	4	Poor organization	5	40 hr. week will work	1	
For wage-price ceiling	2	LACK OF FACTS	21	For vacations as usual	1	
Continue Stabiliz. Fund	1	TREND TOWARD WAR	12	For bonuses	1	
For better budgeting	1	MISCELLANEOUS	15	Skilled labor lack	4	

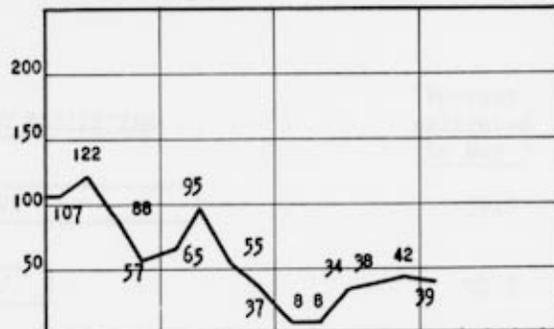
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

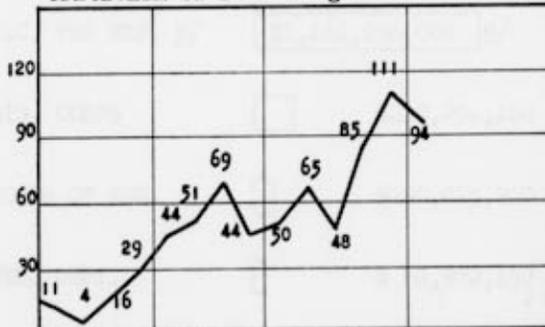
Hours, Wages, Labor Problems



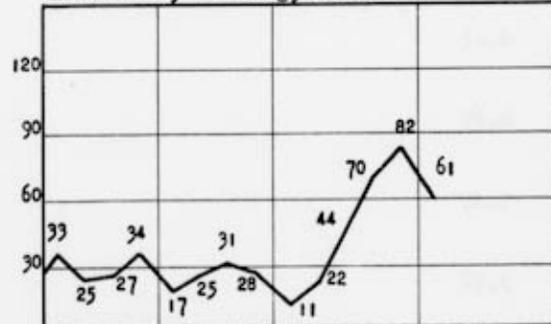
Aid for England



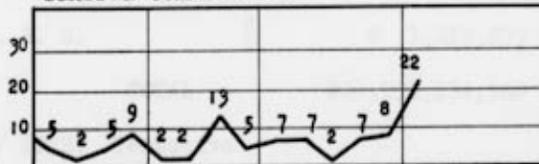
Criticism of Slow Progress



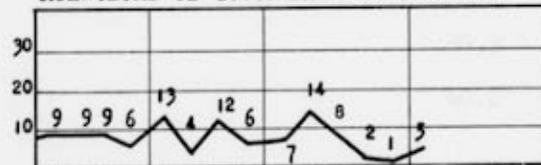
Economics, Banking, Inflation



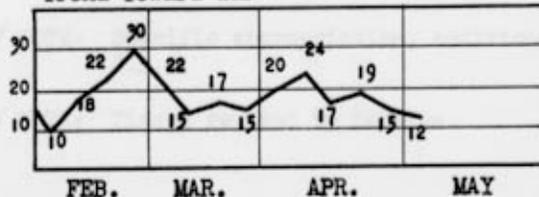
General Commendation



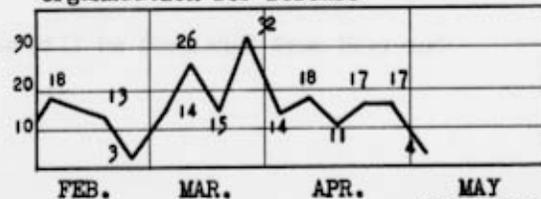
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 60.6 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, May 8, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to May 7</u>
AIR CORPS	\$3,717,519,528	59.5
ORD. DEPT.	\$2,741,659,091 <u>a/</u>	72.3
Q.M.C.	\$2,596,342,802	49.4
FAC. FOR EXP. <u>b/</u>	\$1,464,286,000 <u>c/</u>	56.6
SIG. CORPS	<input type="checkbox"/> \$217,274,460	75.6
CORPS OF ENG.	<input type="checkbox"/> \$100,015,200	76.2
MED. DEPT.	<input type="checkbox"/> \$ 60,872,137 <u>d/</u>	70.4
CHEM. WAR. SER.	<input type="checkbox"/> \$ 51,943,483	86.0
C. A. C.	<input type="checkbox"/> \$ 1,219,839	99.3
TOTAL	\$10,951,132,540	60.6

a/ NOTE: Tentative

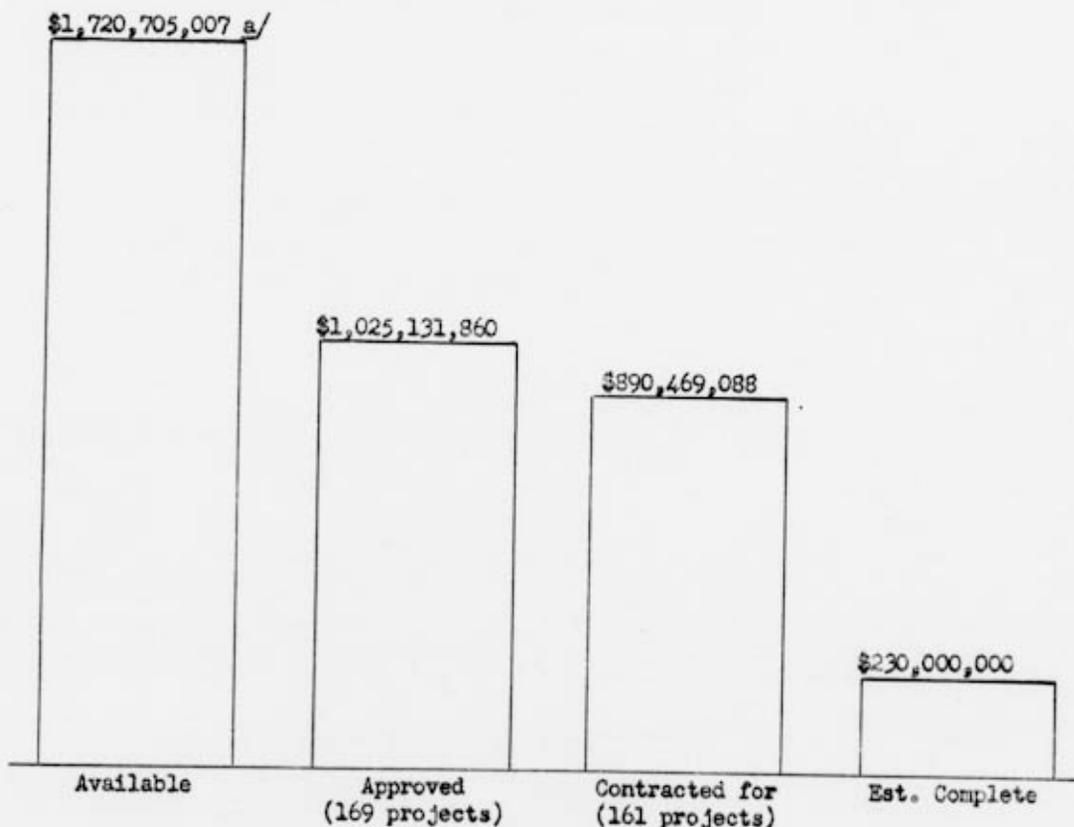
b/ NOTE: The abbreviation FAC. for EXP. refers to New Facilities for Expediting Production.

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

d/ NOTE: Figure revised by Service.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - MAY 3, 1941

Source of Information: Construction Division Report, May 3, 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; excludes Fifth Supplemental National Defense Act projects.

TEXT SUMMARY - ORDNANCE DEPARTMENT - MAY 10, 1941

Source of Information: Ordnance Department and OUSW

GENERAL

The indexes of equipment and ammunition procurement on the following page indicate that greater progress is being made in deliveries of equipment. Production of ammunition is dependent to a major extent on the completion of new facilities.

Substantial deliveries of complete rounds of ammunition are estimated to begin in September, following commencement of output of high explosives by new plants. However, capacity operations of the shell loading and small arms ammunition plants are not indicated by the index in the 1942 months because less than half of the ammunition program has been placed under contract and under schedule.

Formulation of estimated delivery schedules for complete rounds of ammunition far in advance of actual output of component parts is impractical. Available supplies of smokeless powder and high explosives such as T.N.T., D.N.T. and Ammonium Nitrate must be allocated among the approximately 160 separate items of ammunition in the current program. The availability of metal parts for each item - including projectiles, boosters, primers, fuzes and cartridge cases - must likewise be calculated before schedules for complete rounds can be made.

EQUIPMENT

Production was begun in April on light tanks, M3, by the American Car and Foundry Company; machine guns, caliber .30, M1919A4, by the first of four new General Motors machine gun plants; and on armor plate by the new Philadelphia Armor Plate Plant. Pilot models of the personnel carrier, 8-man, and 105mm howitzer were delivered in April. Approximately 75 personnel carriers, 8-man are expected to be delivered in May.

AMMUNITION

Output of smokeless powder from two new plants is just getting under way. Operations at the Radford Ordnance Works started in March and the first shipments of powder began by the close of April. The first powder line at the Indiana Ordnance Works started on May 2; the second line is to begin production on May 15; and the first shipment of powder has gone to the new Jefferson Proving Ground for test.

The actual and scheduled deliveries of small arms ammunition are shown in the diagram on page 13. April deliveries of 52,322,500 rounds of caliber .30 and 6,458,900 rounds of caliber .50 represented gains of 8 percent and 41 percent, respectively, over March output.

FACILITIES

Progress in the construction and equipment of new ordnance facilities is indicated by the fact that approximately 60 percent of the estimated cost of new ordnance facilities had been obligated through April 15th.

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

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

Item	Procurement program		Delivered thru April 15	Percent of total program			
	Total	Army only		Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>							
Machine gun, cal.30	42,648	38,272	5,607 ^φ	67	67	13 ^φ	13 ^φ
Machine gun, cal.50	109,173	90,533	5,026 ^φ	74	74*	5 ^φ	5 ^φ
Gun, 20mm, automatic	2,489	1,989	0	100	100*	0	0
Gun, 37mm, automatic	1,188	1,188	0	90	90	0	0
<u>Combat Vehicles</u>							
Tank, light	3,488	3,452	526 ^φ	100	100	17 ^φ	15 ^φ
Tank, medium	2,496	2,496	40 ^φ	100	100	3 ^φ	2 ^φ
Scout car	2,733	2,701	2,448 ^φ	100	99	81 ^φ	90 ^φ
Personnel carrier, 8-man	5,445	5,445	0	100	100	2	0
Personnel carrier, 13-man	4,302	4,302	0	91	91	0	0
Machine gun, cal.30, (Var.)	37,460 ^{a/}	37,186 ^{a/}	^{a/}	99	99*	^{a/}	^{a/}
Machine gun, cal.50, (H.B.)	8,025 ^{a/}	7,993 ^{a/}	^{a/}	100	100*	^{a/}	^{a/}
Submachine gun, cal.45	52,065	51,997	9,352	100	100*	11	18
Gun, 37mm, tank	6,040	6,002	766	99	99	12	13
Gun, 75mm, tank	2,513	2,513	1	100	100	0	-
<u>Antiaircraft</u>							
Gun, 3"	152	118	35	100	100	23	23
Gun, 90mm	1,203	1,203	0	100	100*	0	0
Gun, 37mm	3,195	3,133	313	100	100	9	10
Machine gun, cal.50, (W.C.)	10,945	10,333	96	31	31*	1	1
<u>Artillery</u>							
Howitzer, 75mm	958	892	68	100	100*	7	7
Howitzer, 105mm	2,728	2,728	0	100	100*	0	0
Gun, 155mm	392	392	6	100	100	2	2
<u>Modernization - H.S.</u>							
Carriage, 75mm gun	1,330	1,330	399	100	100*	28	30
Carriage, 155mm howitzer	1,436	1,436	646 ^φ	100	100	36 ^φ	45 ^φ
Carriage, 155mm gun	847	847	62	77	77	7	7
<u>Infantry Armament</u>							
Rifle, cal.30, M1	864,260	864,160	148,406 ^φ	52	52	17 ^φ	17 ^φ
Machine gun, cal.30, (Var.)	68,933 ^{b/}	68,555 ^{b/}	16,268 ^{b/}	99	99*	25	24 ^{b/}
Machine gun, cal.50 (H.B.)	22,856 ^{b/}	22,644 ^{b/}	1,085 ^{b/}	53	53*	5	5 ^{b/}
Gun, 37mm, antitank	6,153	6,108	432	76	76	6	7
Mortar, 60mm	10,162	9,956	2,221 ^φ	100	100	20 ^φ	22 ^φ
Mortar, 81mm	3,773	3,613	612 ^φ	91	91	15 ^φ	16 ^φ

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

b/ Figures include Armament for Combat Vehicles.

φ Delivered thru April 30.

* Partly tentative.

UNIT COSTS - SELECTED ITEMS - APRIL 15, 1941

Source of Information: Ordnance Department & G-4

Item	Number in Program	Estimated Unit Cost	Estimated Total Cost (THOUSANDS)	% of Total Dollar Program (EQUIPMENT)				
				0%	5%	10%	15%	
<u>Aircraft Armament</u>								
Machine gun, cal.30	42,648	\$ 525	\$ 22,390					
Machine gun, cal.50	109,173	952	103,933					
Gun, 20mm, automatic	2,489	4,000	9,956					
Gun, 37mm, automatic	1,188	5,000	5,940					
<u>Combat Vehicles</u>								
Tank, light	3,488	26,755	93,321					
Tank, medium	2,496	67,100	167,482					
Scout car	2,733	5,980	16,343					
Personnel carrier, 8-man	5,445	8,880	48,357					
Personnel carrier, 13-man	4,302	11,155	47,989					
Submachine gun, cal.45	52,065	400	20,826					
Gun, 37mm, tank	6,040	4,000	24,160					
Gun, 75mm, tank	2,513	5,000	12,565					
<u>Antiaircraft</u>								
Gun, 3"	152	35,000	5,320					
Gun, 90mm	1,203	40,000	48,120					
Gun, 37mm	3,195	20,000	63,900					
Machine gun, cal.50, W.C.	10,945	2,200	24,079					
<u>Artillery</u>								
Howitzer, 75mm	958	11,000	10,538					
Howitzer, 105mm	2,728	20,000	54,560					
Gun, 155mm	392	50,000	19,600					
<u>Modernization - H.S.</u>								
Carriage, 75mm gun	1,330	450	599					
Carriage, 155mm howitzer	1,436	2,000	2,872					
Carriage, 155mm gun	847	3,400	2,880					
<u>Infantry Armament</u>								
Rifle, cal.30, M1	864,260	80	69,141					
M.G., cal.30, M1919A4, fix.	8,855	745	6,597					
M.G., cal.30, M1919A4, fl.	36,708	745	27,347					
M.G., cal.30, M1917A1, W.C.	23,370	795	18,579					
M.G., cal.50, H.B.	22,856	1,215	27,770					
Gun, 37mm, antitank	6,153	5,000	30,765					
Mortar, 60mm	10,162	500	5,081					
Mortar, 81mm	3,773	800	3,018					

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - APRIL 30, 1941

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

Item	Requirements	Stocks	Percent of requirements					
	P.M.P. F.Y. 1942 1,418,000 Men	in hands of Field Service Number	%	20	40	60	80	100
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	49,638	8,472	17	[Bar at 17%]				
Machine gun, cal.50,fix.&fl.	114,997	4,031	4	[Bar at 4%]				
Gun, 20mm, automatic A.C.	2,775	0	0	[Bar at 0%]				
Gun, 37mm, automatic A.C.	3,976	45	1	[Bar at 1%]				
<u>Combat Vehicles</u>								
Tank, light	3,789	491	13	[Bar at 13%]				
Tank, medium	1,728	49	3	[Bar at 3%]				
Scout car	2,681	2,417	90	[Bar at 90%]				
Personnel carrier, 8-man	5,524	0	0	[Bar at 0%]				
Personnel carrier, 13-man	5,521	0	0	[Bar at 0%]				
Machine gun, cal.30 (Var.)	50,322 ^{a/}	a/	-	[Bar at -%]				
Machine gun, cal.50 (H.B.)	9,161	329	4	[Bar at 4%]				
Submachine gun, cal.45	30,906	8,000	26	[Bar at 26%]				
Gun, 37mm, tank	5,563	851	15	[Bar at 15%]				
Gun, 75mm, tank	1,428	0	0	[Bar at 0%]				
<u>Antiaircraft</u>								
Gun, 3"	1,344	476	35	[Bar at 35%]				
Gun, 90mm	(0)						
Gun, 37mm, A.A.	3,083	350	11	[Bar at 11%]				
Machine gun, cal.50 (W.C.)	11,066	829	7	[Bar at 7%]				
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,289	556	43	[Bar at 43%]				
Howitzer, 75mm, field & pack	228	161	71	[Bar at 71%]				
Howitzer, 105mm	2,520	20	1	[Bar at 1%]				
Gun, 155mm	564	4	1	[Bar at 1%]				
Gun, 155mm (H.S.)	903	144	16	[Bar at 16%]				
Howitzer, 155mm (H.S.)	1,628	1,060	65	[Bar at 65%]				
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,973	-	[Bar at -%]				
Gun, 155mm	-	825	-	[Bar at -%]				
Howitzer, 155mm	-	989	-	[Bar at -%]				
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	987,146	158,665	16	[Bar at 16%]				
Machine gun, cal.30 (Var.)	79,246	25,058	32	[Bar at 32%]				
Machine gun, cal.50 (H.B.)	14,654	1,601	11	[Bar at 11%]				
Gun, 37mm, antitank	6,335	602	10	[Bar at 10%]				
Mortar, 60mm	6,427	2,100	33	[Bar at 33%]				
Mortar, 81mm	3,754	731	19	[Bar at 19%]				

a/ Included in Infantry Armament.

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

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

Item	Procurement program		Delivered thru April 15 THOUSANDS	Percent of total program			
	Total THOUSANDS	Army only THOUSANDS		Con-tracted	Sched-uled	Due	Deliv-ered
Aircraft & Pyrotechnics							
Bomb, frag., 20#	1,719	1,719	0	100	100	0	0
Bomb, demo., 100#,300#,500#	1,529	1,529	26	44	44	2	2
Bomb, demo., 1000#	15	15	2	73	73	13	13
Bomb, g & s, 30#,100#	348	348	1	21	21	-	-
Shot & shell, 20mm	20,500	20,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	1,891	0	59	59	0	0
Flares	873	873	117	30	30	13	13
Signals	2,057	2,057	369	27	27	18	18
Antiaircraft							
Shell, 37mm, H.E.	11,786	11,786	0	20	20	0	0
Shell, 3" H.E.	2,211	2,211	72	51	51	3	3
Shell, 90mm, H.E.	3,031	3,031	0	41	41	0	0
Artillery							
Shell, H.E., s c, 75mm gun	1,372	1,372	2	86	86	-	-
Shell, g & s, 75mm gun	1,104	1,104	2	92	92	-	-
Shot, A.P., 75mm gun	2,752	2,752	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	4,279	206	91	91	5	5
Shell, H.E., 105mm how.	10,422	10,422	57	23	23	1	1
Shell, H.E., 155mm gun, M1	401	401	0	59	59	0	0
Charge, prop., 155mm gun	446	446	65	93	93	15	15
Shell, H.E., 155mm how.	4,294	4,294	5	52	52	-	-
Shell, g & s, 155mm how.	1,223	1,223	173	38	38	14	14
Charge, prop., 155mm how.	5,753	5,753	603	60	60	10	10
Primer, 21 gr.	6,653	6,653	299	35	35	4	4
Fuzes (All)	9,982	9,982	3,078	99	99	30	31
Infantry							
Cartridge, cal.30	2,551,692	2,447,677	290,893 ^φ	74	74*	11 ^φ	11 ^φ
Links, met. belt, cal.30	943,322	918,112	72,068	38	38	7	8
Cartridge, cal.45	307,306	286,644	56,721	100	100	18	18
Cartridge, cal.50	668,568	618,142	37,534 ^φ	100	100*	6 ^φ	6 ^φ
Links, met. belt, cal.50	2,086,452	2,052,334	29,048	30	30	1	1
Shot & shell, 37mm	26,688	26,688	32	11	11	-	-
Shell, H.E., 60mm	8,882	8,882	18	26	26	-	-
Shell, H.E., 81mm	2,965	2,965	48	11	11	1	2
Shell, smoke, 81mm	353	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	1,561	0	100	100	0	0
Signal, ground	3,215	3,215	130	51	51	4	4
Mine, antitank	2,050	2,050	0	2	2	0	0

* Partly tentative

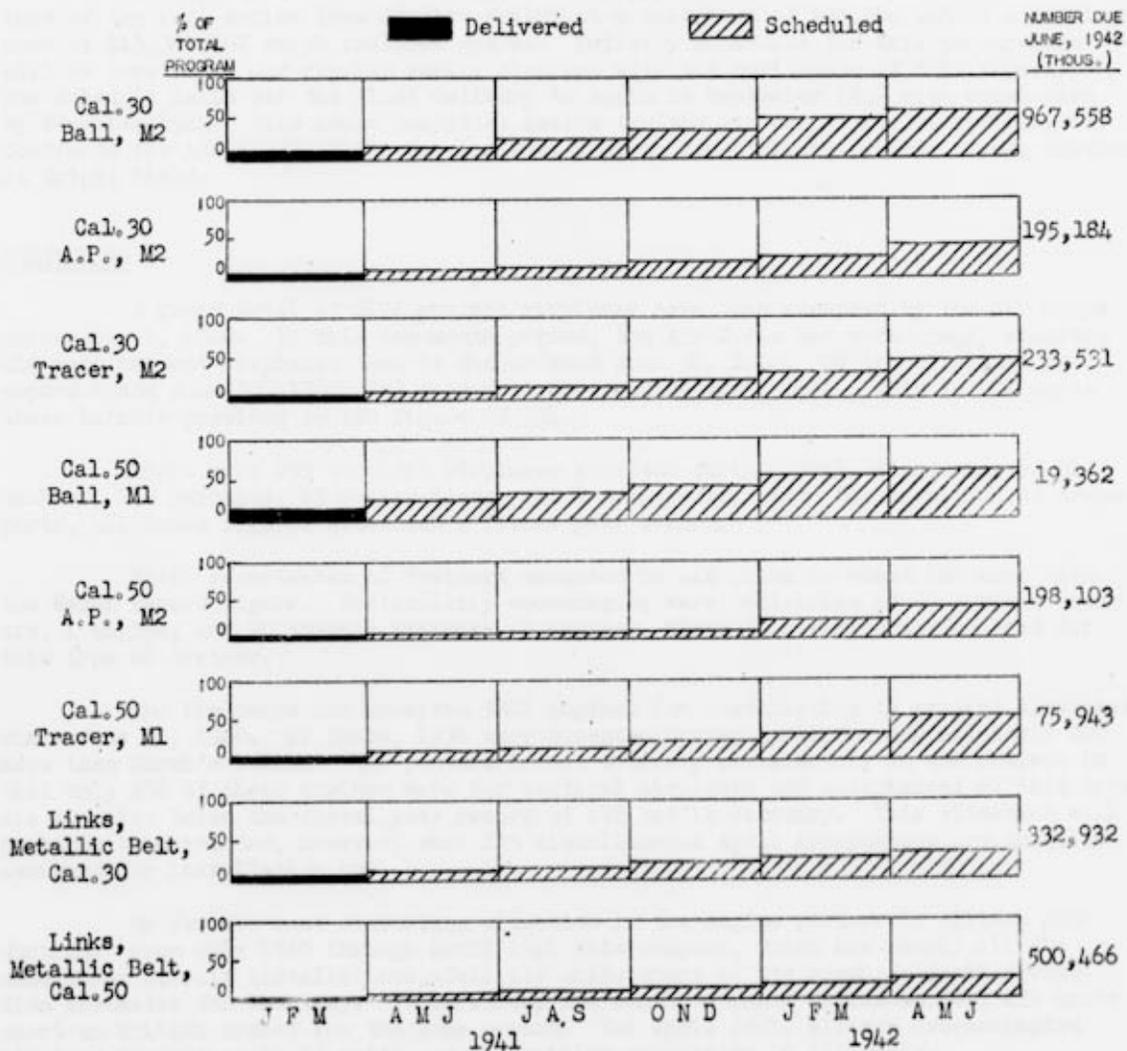
^φ Delivered thru April 30

SMALL ARMS AMMUNITION - DELIVERIES AND SCHEDULES - APRIL 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



TEXT SUMMARY - AIR CORPS PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

GENERAL

An important contract was approved on May 3, 1941 for 312 pursuit interceptors of the P-40 series from Curtiss-Wright at a unit cost of \$38,064 and at a total cost of \$13,360,562 which includes spares. Delivery schedules for this procurement will be carried in our regular weekly diagrams with the next issue of this report. The schedule calls for the first delivery to begin in September 1942 with completion by December 1942. This award completes awards for the Air Corps' 14,394 "B" Program. Contracts for the 10,375 Fifth Supplemental Program are still in process of negotiation at Wright Field.

DELIVERIES

A grand total of 3174 project airplanes have been accepted by the Air Corps since July 1, 1940. In this ten-month period, the Air Corps has accordingly accepted 419 more project airplanes than it had on hand June 30, 1940. Of the airplanes accepted since June 30, 1940, 743 were delivered during April 1941. This is 192 units above March's previous record figure of 551.

There were 295 tactical airplanes accepted during April, consisting of 91 bombers, 185 pursuits, 17 observations, and 2 transports. With the exception of transports, all these figures establish a fiscal year record.

April acceptances of trainers amounted to 448 units or about 120 more than the March record figure. Particularly encouraging were deliveries of 82 advance trainers, 1 engine, and 20 advance trainers, 2 engine. There is a very pressing need for this type of trainer.

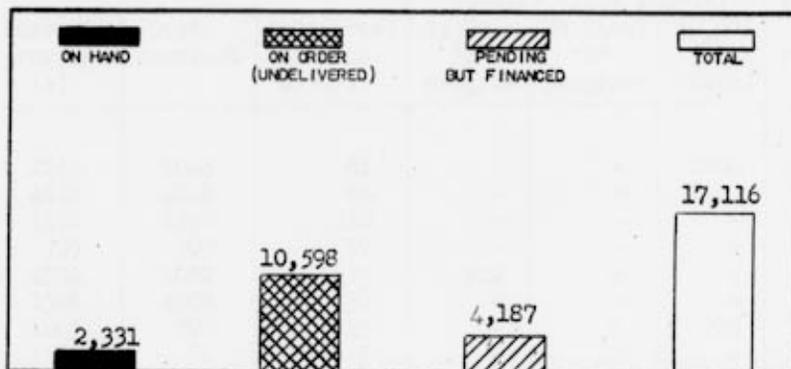
The Air Corps has accepted 5822 engines for installation in project airplanes since June 30, 1940. Of these, 1236 were accepted during April, or approximately 200 more than March's record. The picture is not entirely satisfactory in one respect in that only 436 of these engines were for tactical airplanes and acceptances of this type are 42 units below the fiscal year record of 478 set in February. This situation will probably be corrected, however, when 125 miscellaneous April acceptances are actually assigned for installation use.

By far the most disturbing situation in the engine picture is Allison production. From July 1940 through April 1941 this company, which has nearly all the orders for pursuit installations, fell 419 units short of its month to month production estimates for the Army. In addition, its month to month estimates fell 450 units short on British orders for the same period. For April 1941, Allison overestimated its Army production by 22 units and its British production by 145 units.

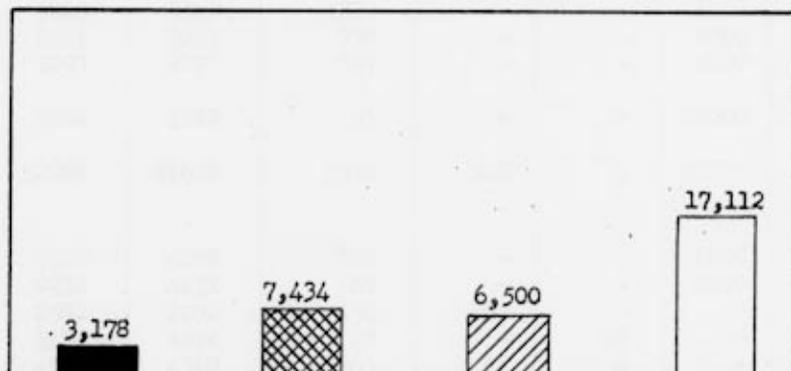
STATUS OF AIRPLANE PROGRAMS - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

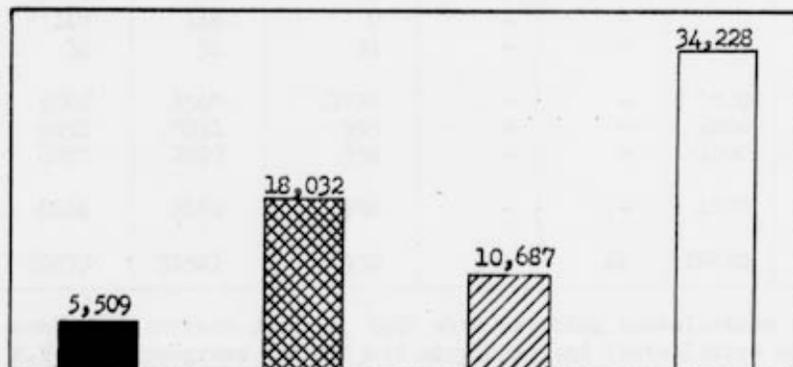
Tactical Programs



Trainer Programs



Total Programs



Note: On hand figures include deliveries against current contracts.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

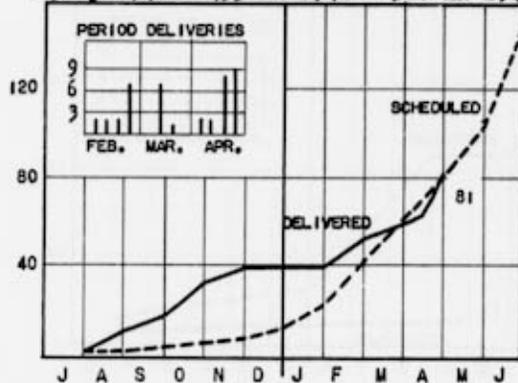
Item	Current programs (a)	Under contract	Deliveries through 4/30/41	Pending (less awards)			Proposed 12,000 program (b)
				14,394 "B" program	29 Misc. "B" program	10,375 Fifth Supp.	
<u>Airplanes</u>							
Heavy bomber	2246	1046	81	-	-	1200	800
Medium bomber	4616	2216	96	-	-	2400	1200
Light bomber	1390	1390	130	-	-	-	1000
Pursuit fighter	709	709	17	-	-	-	1150
Pursuit interceptor	4394	4082	639	312	-	-	4850
Observation	1308	1308	32	-	-	-	-
Transport	1065	790	25	-	-	275	240
Amphibian	74	74	0	-	-	-	-
Reconnaissance	17	17	14	-	-	-	-
Primary trainer	5040	3540	1332	-	-	1500	900
Basic trainer	5051	3051	776	-	-	2000	900
Advance trainer 1 engine	3297	2297	397	-	-	1000	360
Advance trainer 2 engine	3082	1082	31	-	-	2000	600
Grand Total	32289	21602	3570	312	-	10375	12000
<u>Engines</u>							
Heavy bomber	8988	4188	787	-	-	4800	3200
Medium bomber	9232	4432	487	-	-	4800	2400
Light bomber	2592	2492	454	100	-	-	2000
Pursuit fighter	1420	1394	48	-	26	-	2300
Pursuit interceptor	4394	4340	661	54	-	-	4850
Observation	2083	1901	350	182	-	-	-
Transport	2130	1560	60	-	20	550	480
Amphibian	148	148	0	-	-	-	-
Reconnaissance	34	34	34	-	-	-	-
Primary trainer	5040	3540	1712	-	-	1500	900
Basic trainer	5051	3051	995	-	-	2000	900
Advance trainer 1 engine	3297	2297	758	-	-	1000	360
Advance trainer 2 engine	6164	2164	586	-	-	4000	1200
Grand Total	50573	31541	6932	336	46	18650	18590

- (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

1046 HEAVY BOMBERS

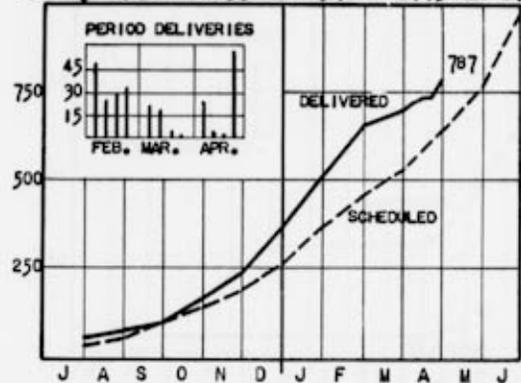
13 by 1940 - 453 in 1941 - 580 in 1942



ENGINES

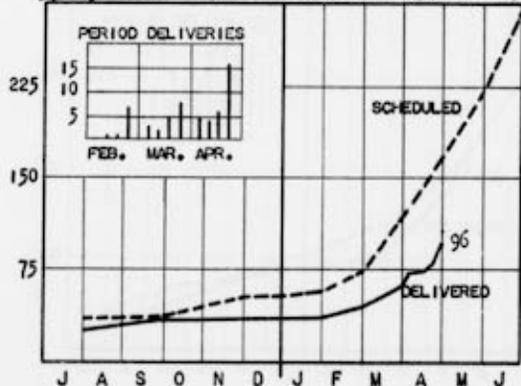
4188 HEAVY BOMBERS

256 by 1940 - 2159 in 1941 - 1773 in 1942



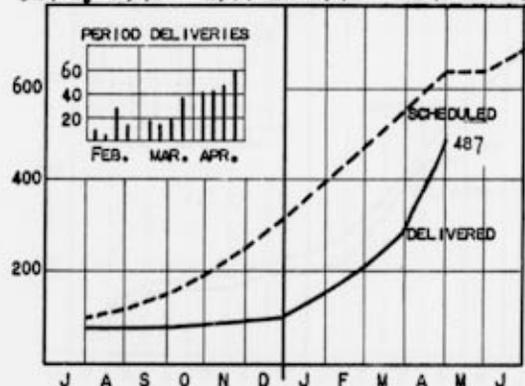
2216 MEDIUM BOMBERS

55 by 1940 - 926 in 1941 - 1235 in 1942



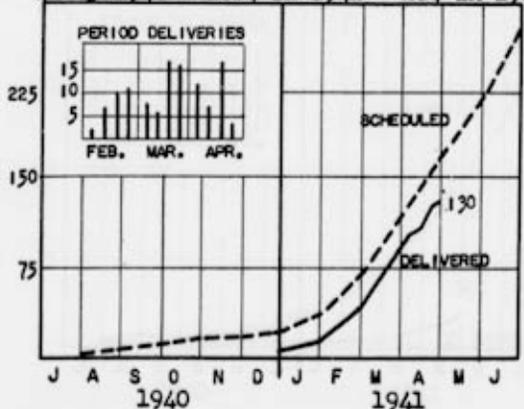
4432 MEDIUM BOMBERS

314 by 1940 - 1977 in 1941 - 2141 in 1942



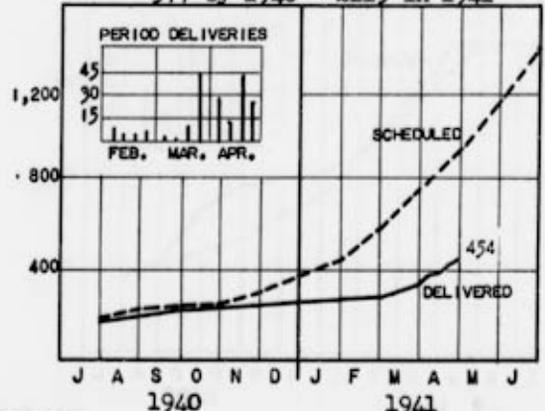
1390 LIGHT BOMBERS

22 by 1940 - 1084 in 1941 - 284 in 1942



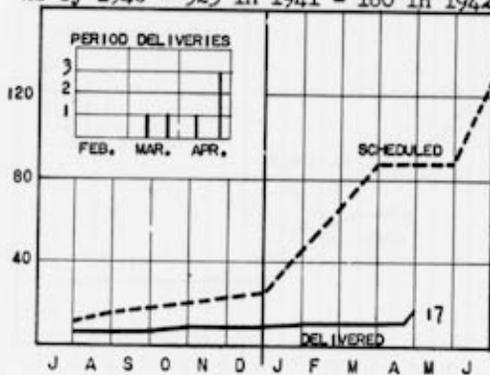
2492 LIGHT BOMBERS

377 by 1940 - 2115 in 1941



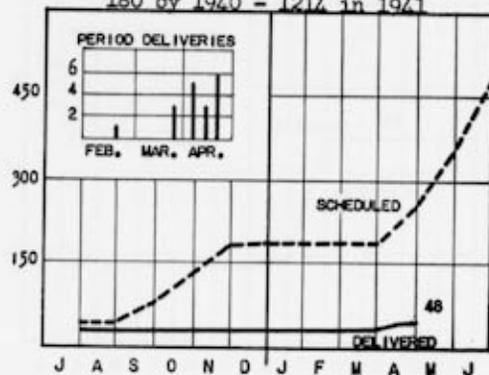
AIRPLANES

709 PURSUIT FIGHTER
26 by 1940 - 523 in 1941 - 160 in 1942

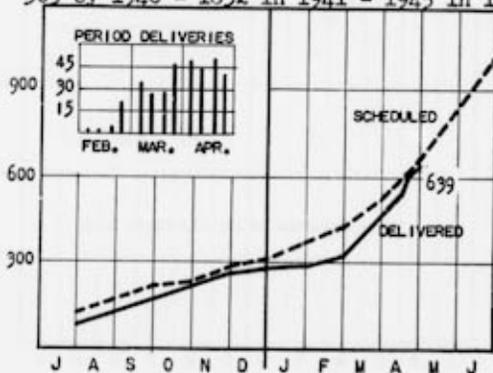


ENGINES

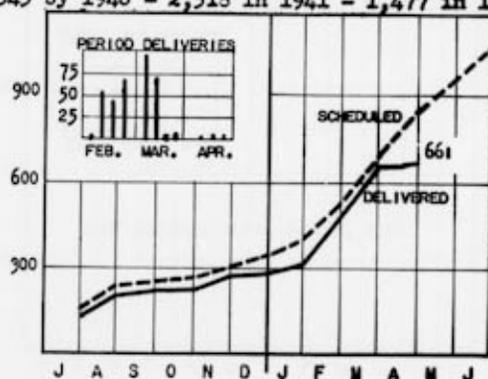
1394 PURSUIT FIGHTER
180 by 1940 - 1214 in 1941



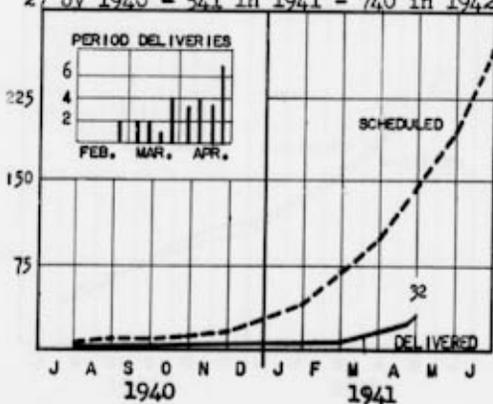
4082 PURSUIT INTERCEPTOR
305 by 1940 - 1832 in 1941 - 1945 in 1942



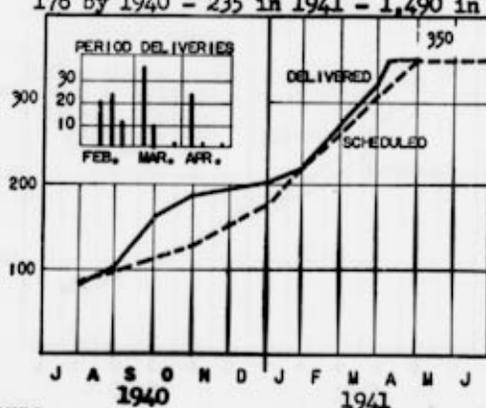
4340 PURSUIT INTERCEPTOR
345 by 1940 - 2,518 in 1941 - 1,477 in 1942



1308 OBSERVATION
27 by 1940 - 541 in 1941 - 740 in 1942



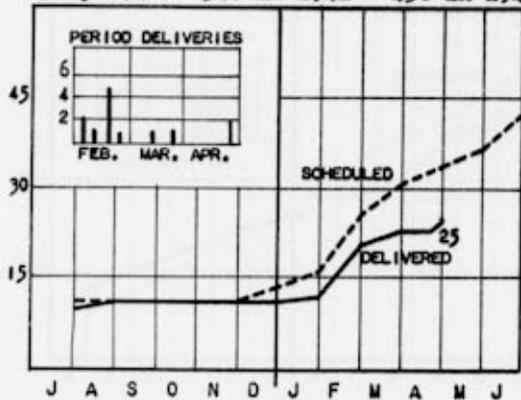
1901 OBSERVATION
176 by 1940 - 235 in 1941 - 1,490 in 1942



AIRPLANES

790 TRANSPORT

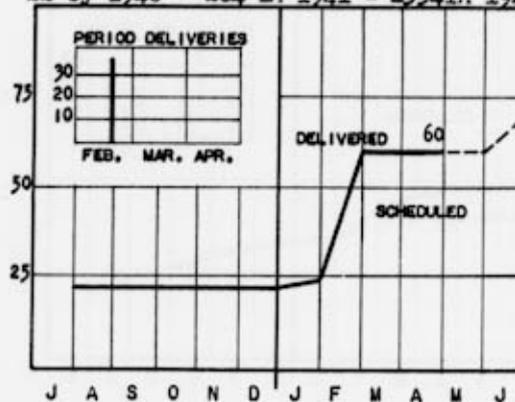
13 by 1940 - 347 in 1941 - 430 in 1942



ENGINES

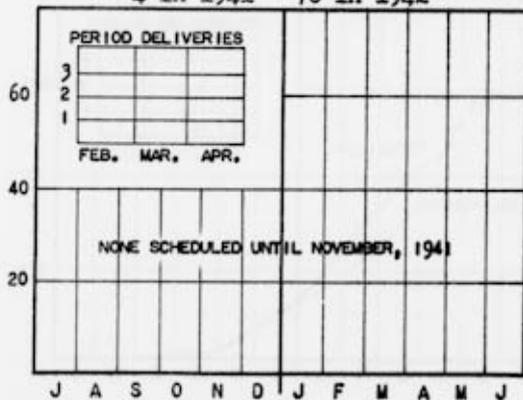
1560 TRANSPORT

22 by 1940 - 204 in 1941 - 1334 in 1942



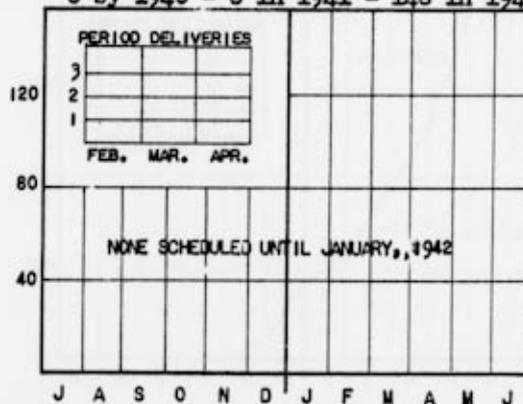
74 AMPHIBIAN

4 in 1941 - 70 in 1942



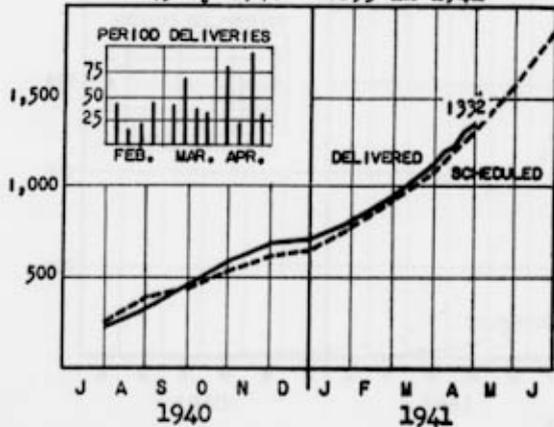
148 AMPHIBIAN

0 by 1940 - 0 in 1941 - 148 in 1942



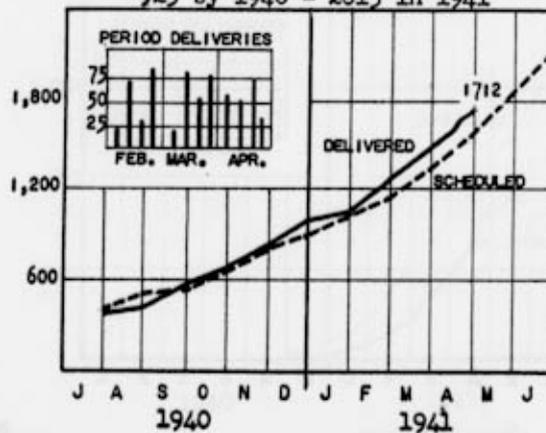
3540 PRIMARY TRAINER

645 by 1940 - 2895 in 1941



3540 PRIMARY TRAINER

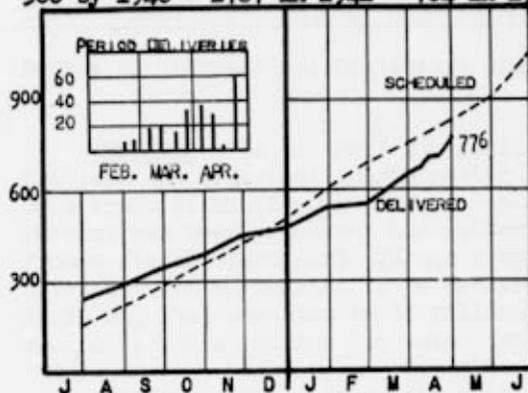
925 by 1940 - 2615 in 1941



AIRPLANES

3051 BASIC TRAINER

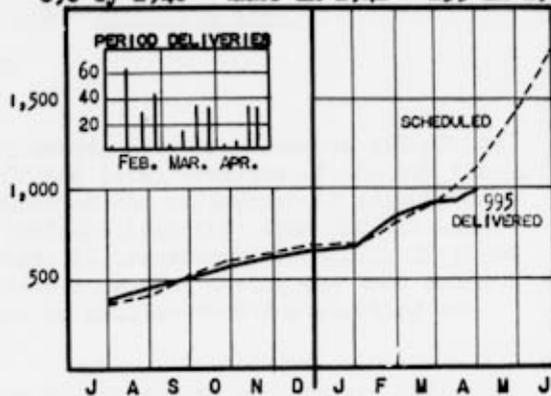
500 by 1940 - 1787 in 1941 - 764 in 1942



ENGINES

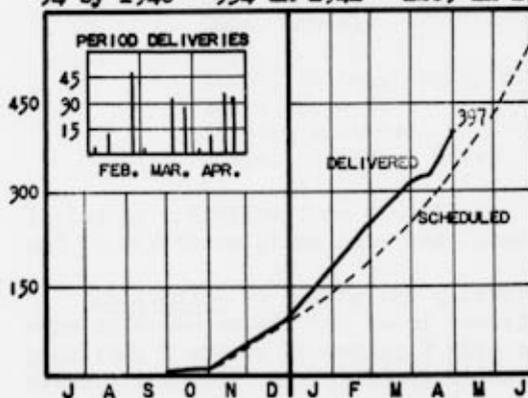
3051 BASIC TRAINER

696 by 1940 - 2220 in 1941 - 135 in 1942



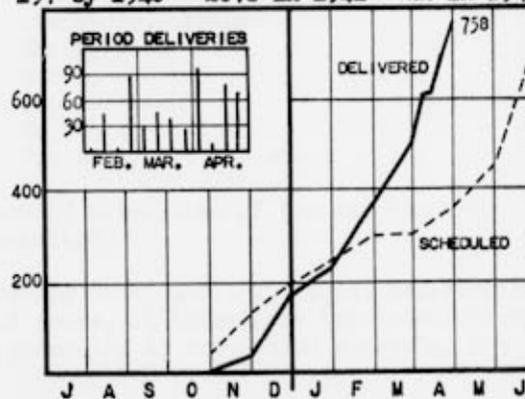
2297 ADVANCE TRAINER, 1 ENGINE

94 by 1940 - 934 in 1941 - 1269 in 1942



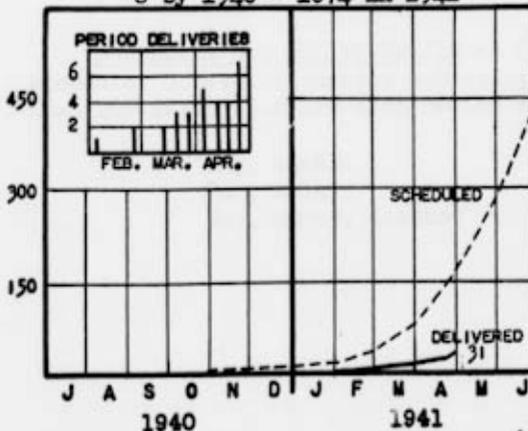
2297 ADVANCE TRAINER, 1 ENGINE

197 by 1940 - 2078 in 1941 - 22 in 1942



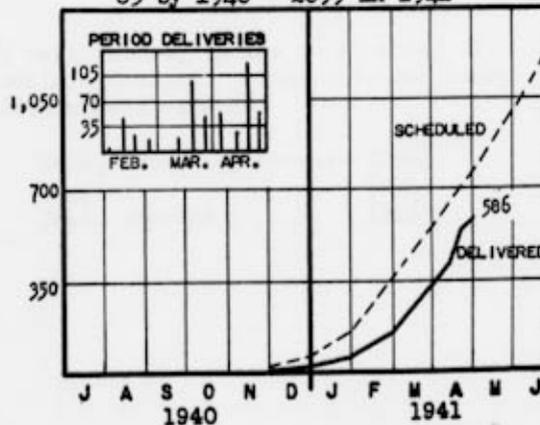
1082 ADVANCE TRAINER, 2 ENGINE

8 by 1940 - 1074 in 1941



2164 ADVANCE TRAINER, 2 ENGINE

65 by 1940 - 2099 in 1941



TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - April 30, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of April 23, 1941, contract awards have been made on 128 of 133 critical and essential quartermaster items. Of the total programs of the 128 items, an average of ninety-one percent has been contracted and an average of seventy-one percent has been procured; the latter figure includes transfers from CCC stocks. From a fiscal standpoint 87% has been contracted, 4% transferred from CCC; 3% is on directive and 6% remains to be procured. Contracts awarded during the week ended April 26, 1941 amounted to 16 million, of which 10 million were for clothing and equipage, and 4 million for motor vehicles.

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

Bag, canvas, water	Outfits, officers, mess
Bars, sandfly	Overshoes, arctic
Caps, B. & C.	Shirt, wool
Cloth, cotton, khaki, 8.2 oz.	Shoes, service
Coats, B. & C.	Spoons, M-26
Covers, mattress	Trousers, B. & C.
Gloves, leather, heavy	Trousers, cotton, khaki

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

DELIVERIES -- During the quarter-monthly period ended April 23, 1941, deliveries were effected on all but 50 of the 133 items; of these, 21 items have been completely procured; 7 are on schedule; 7 have no current schedule; 15 are behind schedule, including the following critical items:

Breeches, wool	Saddle, Phillips, cargo
Overshoes, arctic	Tent, storage
Range, field, M-37	

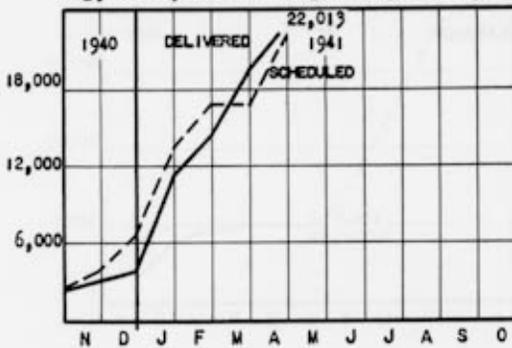
SCHEDULES and DELINQUENCIES -- Of the 133 basic items, 94 are on or ahead of schedule; 9 have no current schedule; 30 are behind schedule. Items currently more than 20% delinquent and also behind February 28th schedules are:

Bag, canteen	(38%)	Case, dispatch, canvas	(28%)
Can, milk	(36%)	Goggles	(25%)
Bag, money, leather	(30%)	Tent, storage	(21%)

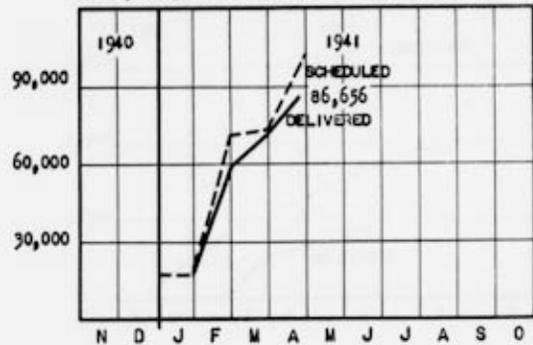
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 23, 1941

Source of Information: Statistics Branch, OQMG

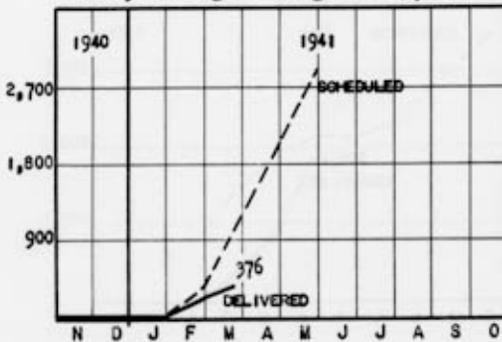
Bag, water, sterilizing. Program-25,576



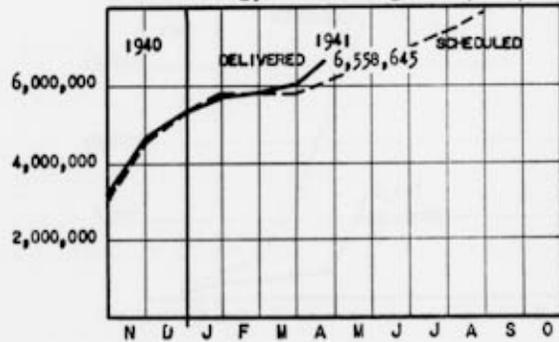
Belt, suspenders, M36. Program-106,256



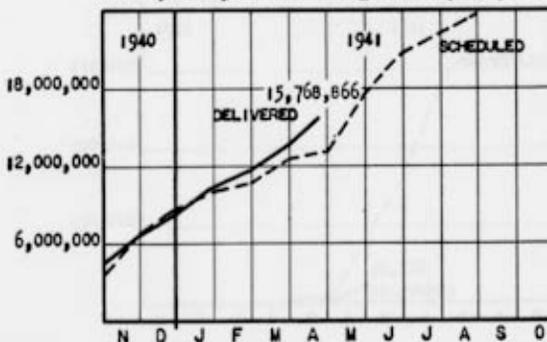
Tent, storage. Program - 3,543



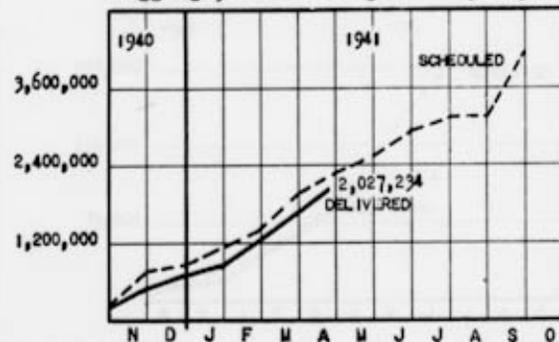
Overcoating, 32 oz. Program-7,873,073



Cloth, wool, 18 oz. Program-23,687,266



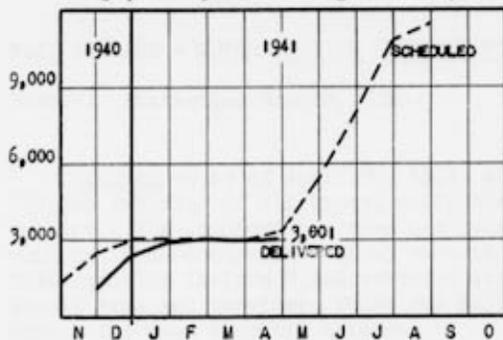
Leggings, dismt'd. Program - 4,139,743



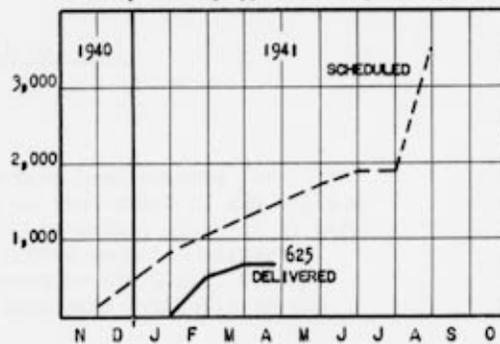
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 23, 1941

Source of Information: Statistics Branch, OQMG

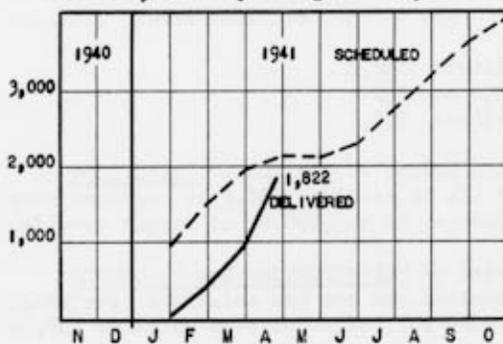
Range, field, M1937. Program - 11,438



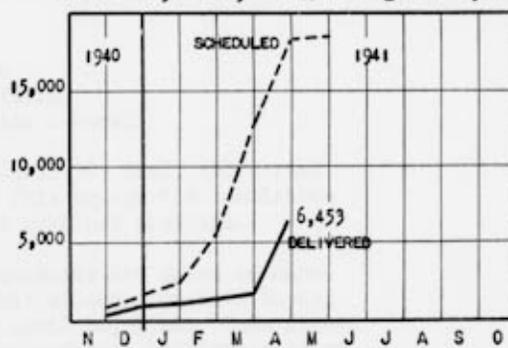
Saddle, Phillips, pack. Program - 3,500



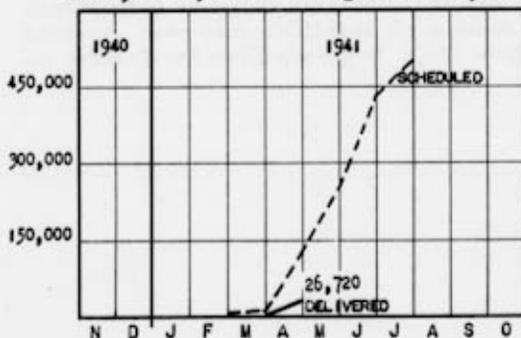
Saddle, Cavalry. Program - 5,828



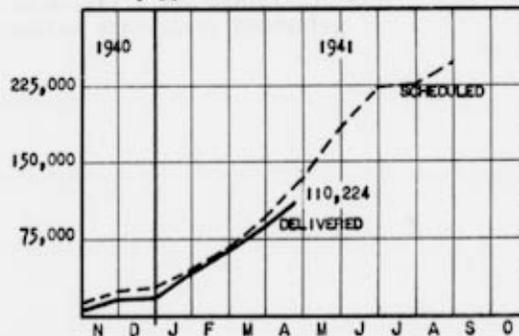
Scabbard, subMG, cal.45. Program - 18,338



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



Tent, pyramidal. Program - 280,845



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - April 30, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of April 30, 1941, contracts have been awarded for 174,383 vehicles of all types, obligating funds to the extent of 224 million dollars. The combined programs now total 175,793 vehicles, of which 99 percent has been contracted and 43 percent of contracted amounts delivered. These amounts include 7,342 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 7,113 vehicles at a cost of 5,059,445 dollars. These vehicles consist of:

5,068 trucks, $\frac{1}{2}$ ton
295 ambulances, field
1,750 trailers, 1-ton 2-wheel

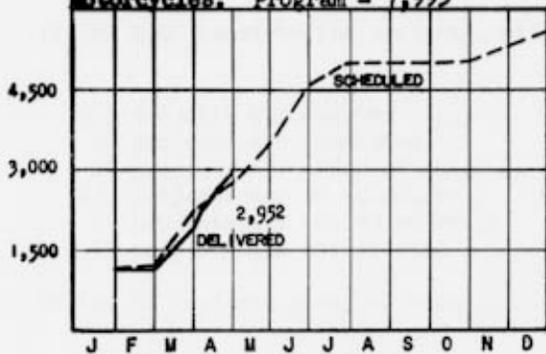
DELIVERIES -- During the period April 24-April 30, 1941, deliveries were reported on 5,168 vehicles of all types. This brings the cumulative delivery figure to 75,058, or 43 percent of the combined programs.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 80,743 vehicles were scheduled for delivery by April 30, 1941. This figure represents 46 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, 8,246 vehicles, distributed among 16 manufacturers are behind schedule; 2,571 vehicles, however, have been delivered in advance of estimated schedules, producing an overall net delinquency of 5,675 vehicles.

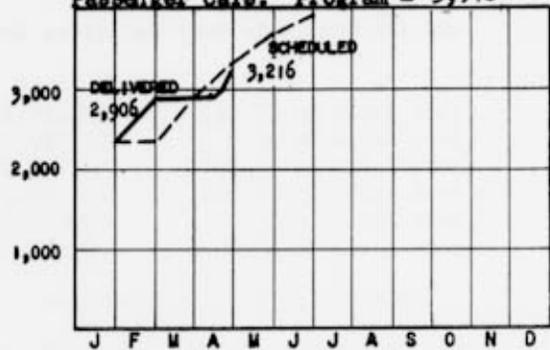
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - APRIL 30, 1941

Source of Information: Statistics Branch, OQMG

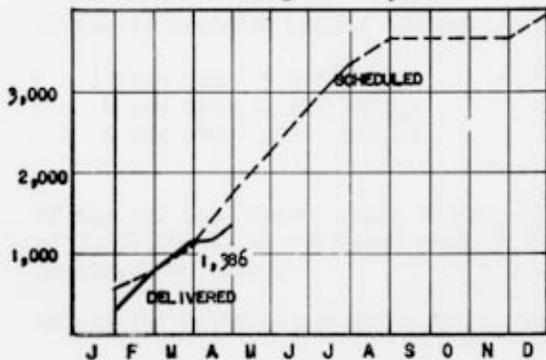
Motorcycles. Program - 7,993



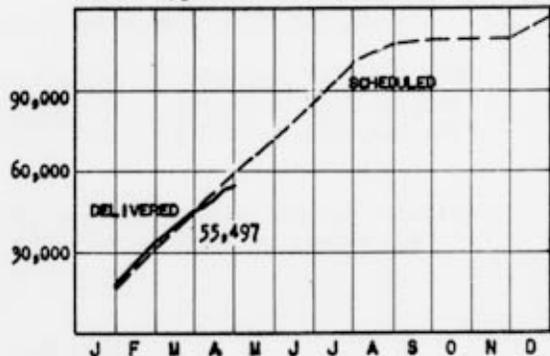
Passenger Cars. Program - 3,978



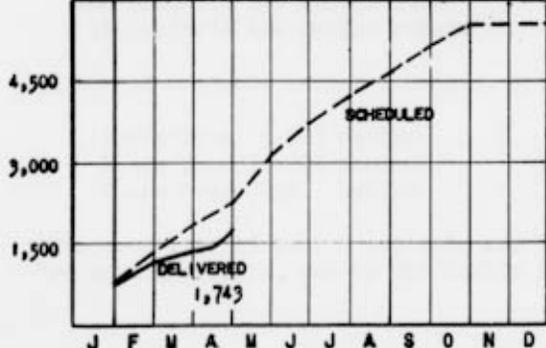
Ambulances. Program - 4,089



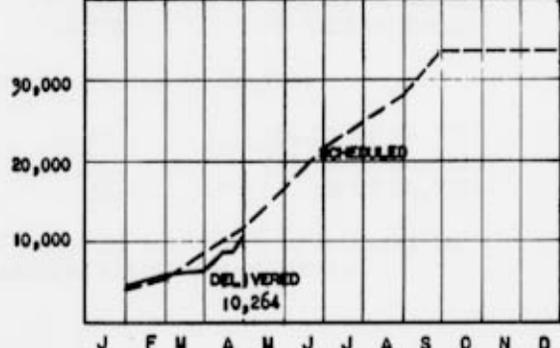
Trucks (1/2-3 ton incl). Program-120,262



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



Trailers, Semi-Trailers, Program-33,882



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - APRIL 19, 1941

Source: Statistics Branch, OCMG - OUSW

Of 282 Q.M. construction projects, with a total estimated cost of \$1,313,221,906:

	<u>Cost</u>	
265 projects are started	\$1,241,214,957	(94.5% of total cost)
60 projects are completed	70,092,393	(5.3% of total cost)
22 projects are ahead of schedule	184,829,122	(14.1% of total cost)
153 projects are on schedule*	874,651,954	(66.6% of total cost)
29 projects are behind schedule	111,641,488	(8.5% of total cost)
17 projects are not started	72,006,949	(5.5% of total cost)

Of the 22 projects ahead of schedule, with an estimated cost of \$184,829,122:

9 are from 5-10% ahead	\$70,949,970	(38.4% of \$184,829,122)
11 are from 11-20% ahead	95,263,327	(51.5% of \$184,829,122)
2 are over 20% ahead	18,615,825	(10.1% of \$184,829,122)

Of the 29 projects behind schedule, with an estimated cost of \$111,641,488:

17 are from 5-10% behind	\$53,770,408	(48.2% of \$111,641,488)
8 are from 11-20% behind	37,171,021	(33.3% of \$111,641,488)
4 are over 20% behind	20,700,059	(18.5% of \$111,641,488)

Of the 282 Q.M. construction projects, 196 (70%) provide a troop housing capacity of 1,270,082 at an estimated cost of \$788,636,687 (60% of total estimated Q.M. construction cost).

Of the 196 projects providing troop housing:

	<u>Capacity</u>	
194 projects are started	1,270,082	(100% of total)
55 projects are completed	214,251	(16.9% of total)
15 projects are ahead of schedule	196,800	(15.5% of total)
106 projects are on schedule*	794,280	(62.5% of total)
18 projects are behind schedule	64,751	(5.1% of total)

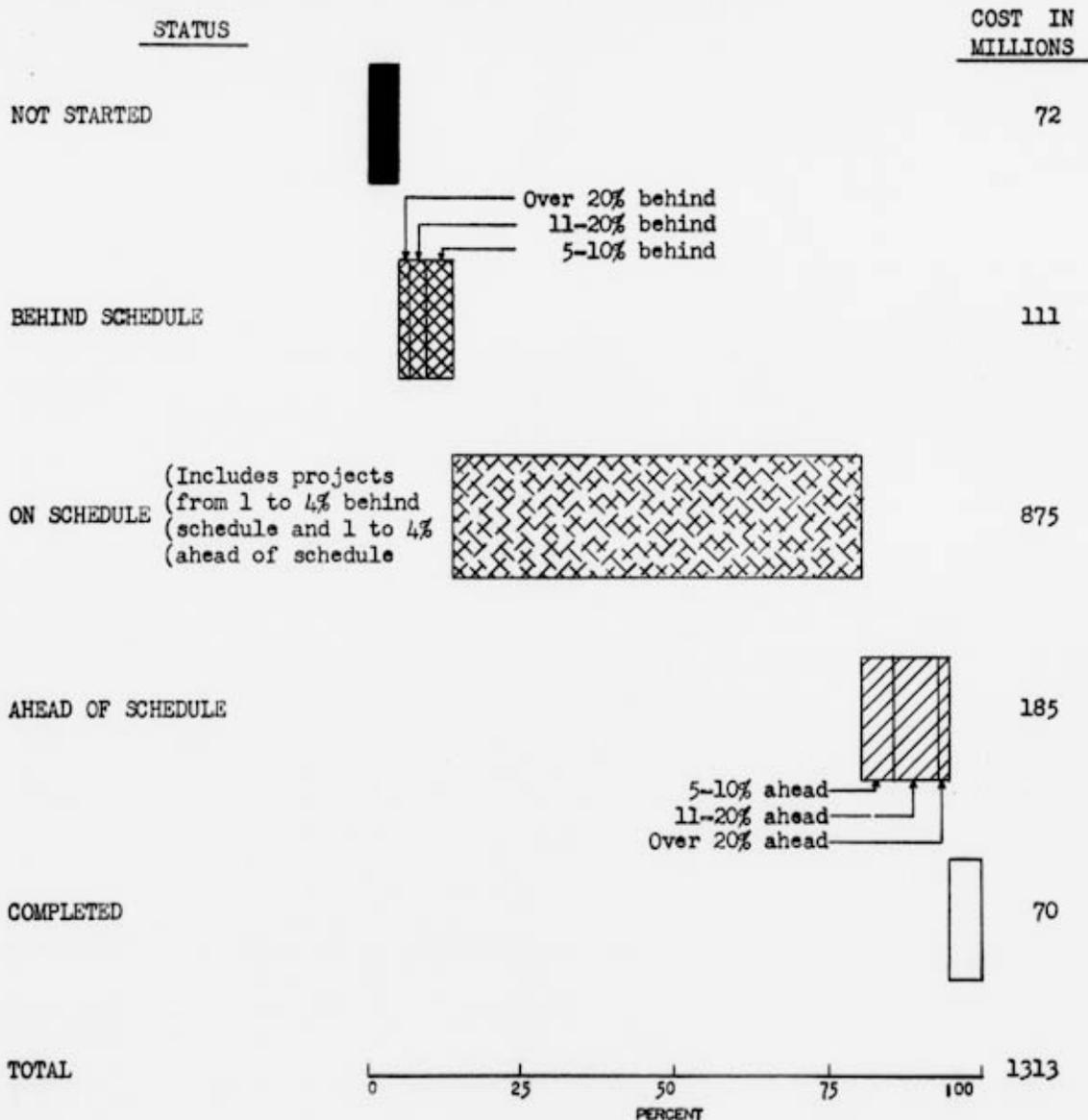
Of the 18 projects behind schedule, with a troop capacity of 64,751:

12 are from 5-10% behind	54,861	(84.7% of 64,751)
4 are from 11-20% behind	9,368	(14.5% of 64,751)
2 are over 20% behind	522	(.8% of 64,751)

*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.

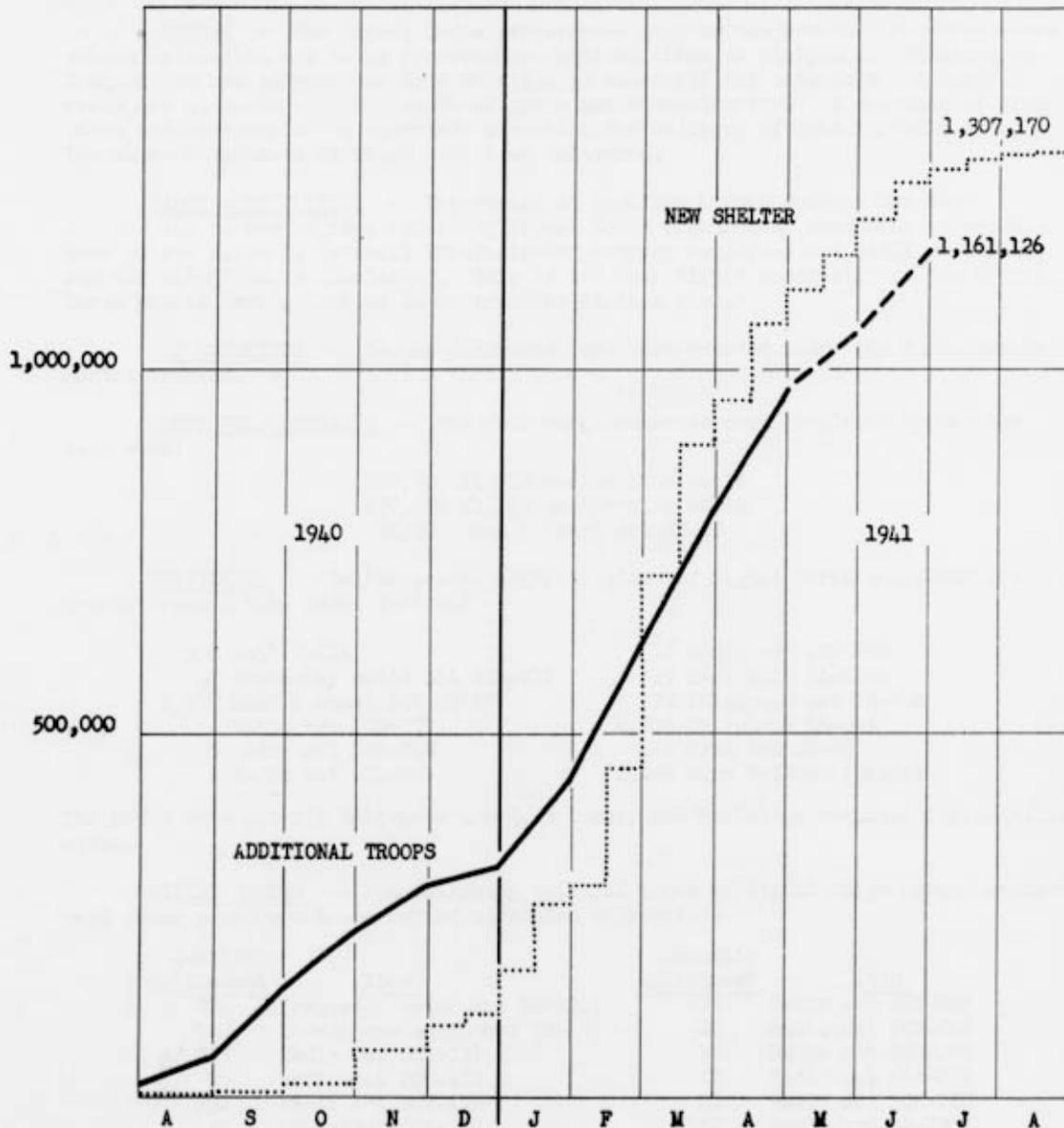
QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - April 19, 1941

Source: Statistics Branch, OQMG - OUSW



QUARTERMASTER CORPS - ESTIMATED STATUS OF TROOP HOUSING* - APRIL 26, 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 - GROUND - MAY 3, 1941

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

GENERAL - The Signal Corps procurement program has reached the stage where volume deliveries are being received on critical items of equipment. Existing delinquencies are largely due to a shortage of essential raw materials - notably, brass and aluminum - in the hands of prime and subcontractors. A shortage of minor parts and accessories is adversely affecting the delivery of certain radio sets, the major components of which have been delivered.

LABOR DIFFICULTIES - The strike at Roebling & Sons Company has been settled and no new strikes affecting Signal Corps procurement have been reported. Some of the Allen D. Cardwell Manufacturing Company employees are still on strike and the situation is deadlocked. This is the only direct contractor of the Signal Corps who is having serious labor troubles at this time.

NEW CONTRACTS - No new contracts have been awarded under the Fifth Supplemental Program.

COMPLETED CONTRACTS - The following contracts were completed during the past week:

850,000 ft. Submarine mine cable
570,000 ft. Submarine mine cable
14,000 Head & Chest set HS-19

DELIVERIES - Deliveries of critical items of Signal Corps equipment for ground troops, this week, included:-

550 Coil C-114	18 Radio set SCR-288
60 Frequency meter set SCR-211	99 Reel unit RL-26-A
1,799 Head & chest set HS-19	179 Telegraph set TC-5-A
4 Radio set SCR-171	4,706 Telephone EE-8-A
5 Radio set SCR-268	120 Test set EE-65
4 Radio set SCR-271	1,299 Wire W-110-B (miles)

The radio sets SCR-271 delivered are less towers and buildings required for installation.

DELINQUENCIES - The following critical items of Signal Corps ground equipment under procurement are behind scheduled deliveries:

Quantity delinquent	Item	Quantity delinquent	Item
926	Frequency meter set SCR-211	979	Radio set SCR-245
740	Interphone equipment RC-48	42	Radio set SCR-268
a/ 275	Radio set SCR-131	30	Radio set SCR-270
a/ 75	Radio set SCR-171	12	Radio set SCR-271
232	Radio set SCR-178	67	Radio set SCR-288
84	Radio set SCR-193	352	Reel cart RL-16
b/ 414	Radio set SCR-194	211	Reel unit RL-26-A
20	Radio set SCR-206	179	Test set EE-65

a/ Quantities due are awaiting delivery of minor accessories. b/ 2255 sets are awaiting delivery of Microphone T-24.

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - GROUND EQUIPMENT - MAY 3, 1941

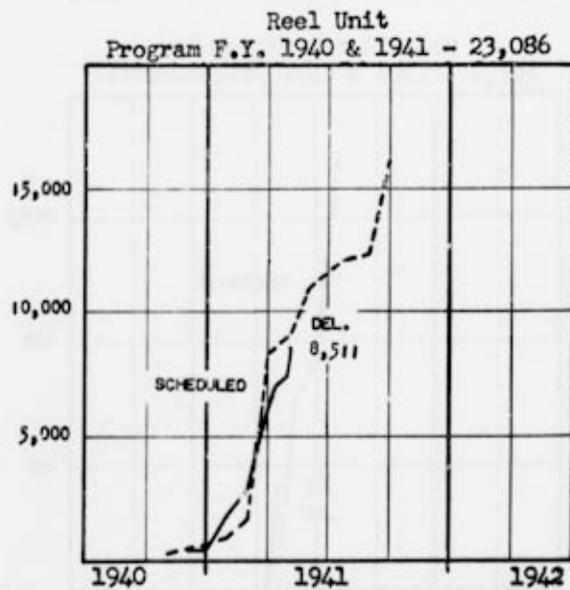
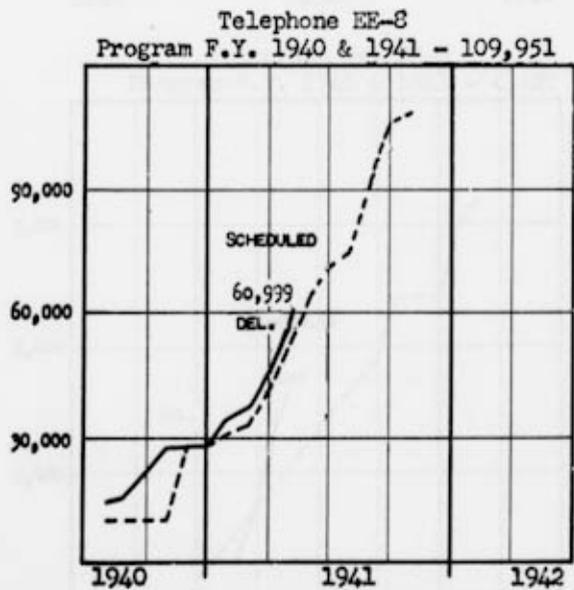
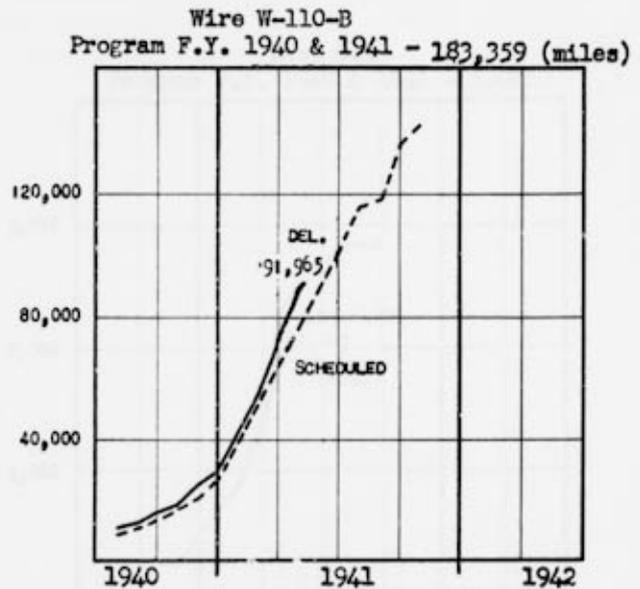
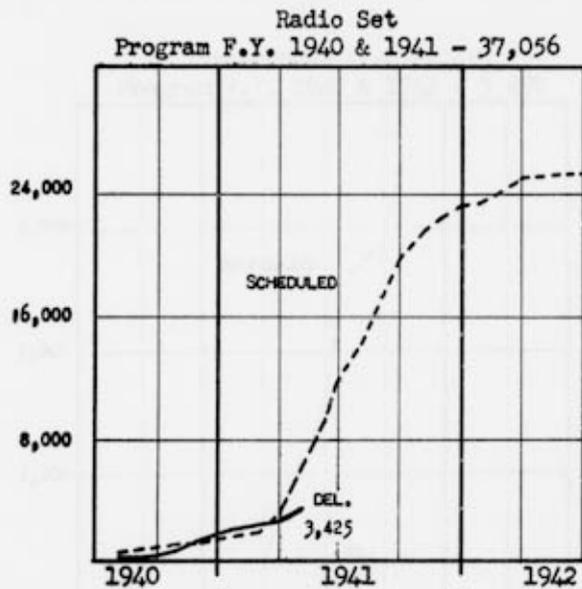
Source of Information: Supply Division, Office of the Chief Signal Officer

Diagram presents an overall picture of the present status of the F.Y. 1941 procurement program only and figures are not comparable with those in other tabulations of this report. In the interest of simplicity, only those items upon which quantities are due or have been delivered are included. Since calculations are based upon amounts due, percent behind schedule never exceeds one hundred

ITEM	Due	% Behind schedule		% Ahead of schedule	
		100 80 60 40 20 0	20 40 60 80 100		
Radio sets, Ground	3,713				
SCR-131	275				
SCR-171	75				
SCR-178	250				
SCR-193	99				
SCR-194	744				
SCR-195	732				
SCR-206	9				
SCR-244	154				
SCR-245	1,101				
SCR-268	48				
SCR-270	30				
SCR-271	21				
SCR-298	175				
Charging set SCR-169	500				
Chest BC-5	12,000	Delivered			
Coil C-114	1,000	Delivered			
Coil C-161	3,500	Delivered			
Frequency meter set SCR-211	1,264	Delivered			
Head & chest set HS-19	19,898	Delivered			
Interphones (vehicular)	740	Delivered			
Microphone T-30	2,250	Delivered			
Reel cart RL-16	352	Delivered			
Reel unit RL-26-A	1,700	Delivered			
Reel unit RL-31	5,809	Delivered			
Telegraph set TG-5	900	Delivered			
Telephone EE-8	21,750	Delivered			
Test set EE-65	1,064	Delivered			
Test set I-56	1,000	Delivered			
Theodolite ML-47	122	Delivered			
Wire W-110-B (miles)	54,498	Delivered			

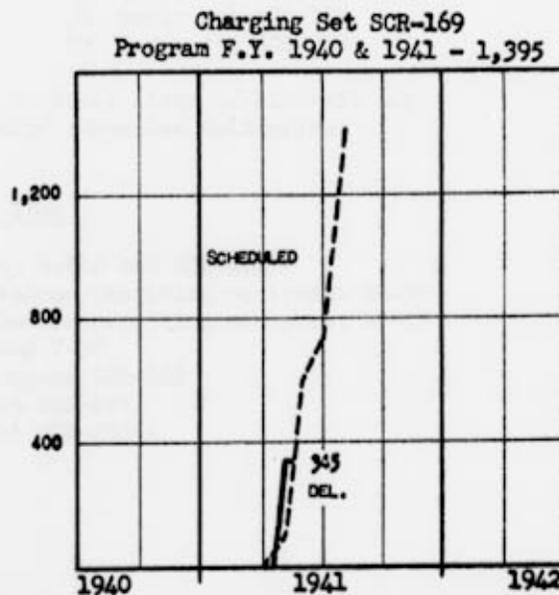
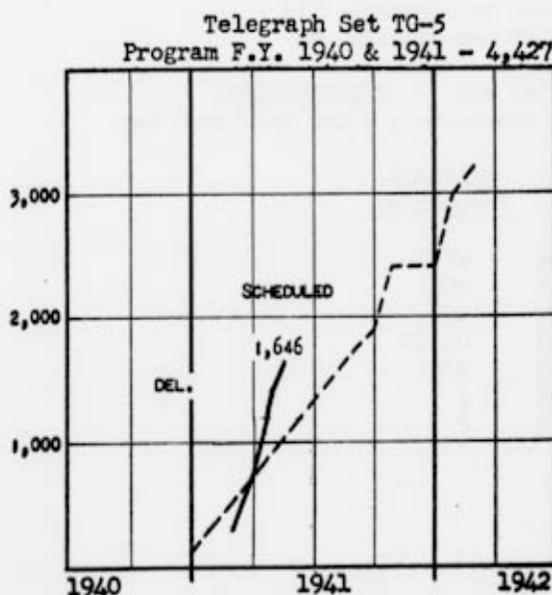
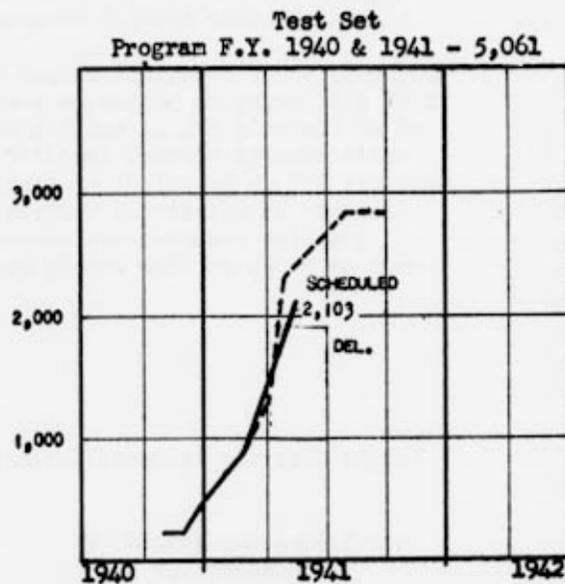
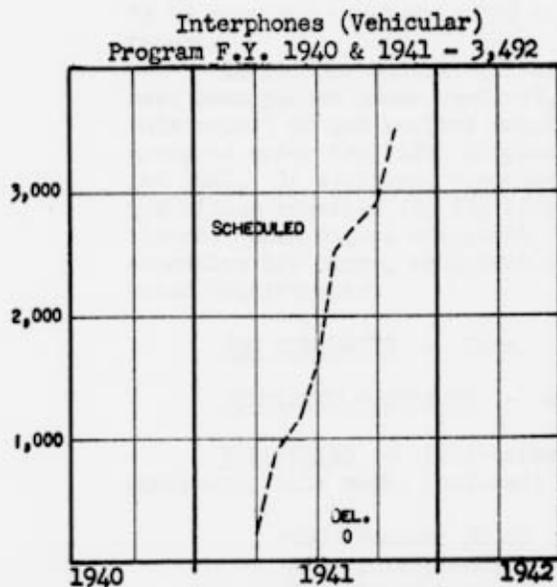
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 3, 1941

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



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 3, 1941

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



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - AIRCRAFT - MAY 3, 1941

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

GENERAL - The aircraft signal equipment program under the Fifth Supplemental Appropriation Act 1941 has been revised and the equipment to be procured has been added to the program figures carried in this report.

As neither aircraft or aircraft signal equipment to be procured have been placed under contract, diagrams appearing on pages 35 & 36 of this report do not reflect requirements for the 10,375 aircraft to be procured under the Fifth Supplemental National Defense Appropriation Act 1941. In addition, computed requirements indicated do not include quantities required for 533 aircraft recently contracted or requisitioned. When signal equipment requirements and contract delivery schedules are known, equipment for these planes will be added to computed requirements.

NEW CONTRACTS - None.

COMPLETED CONTRACTS - None.

DELIVERIES -- Deliveries of critical items of aircraft signal equipment, this week, included:

2500	Headset HS-23	49	Microphone amplifying equipment RC-19
470	Interphones RC-27	188	Radio set SCR-183
204	Interphones RC-36	4	Radio set SCR-187
117	Interphones RC-51	29	Radio set SCR-287
86	Microphones T-20		

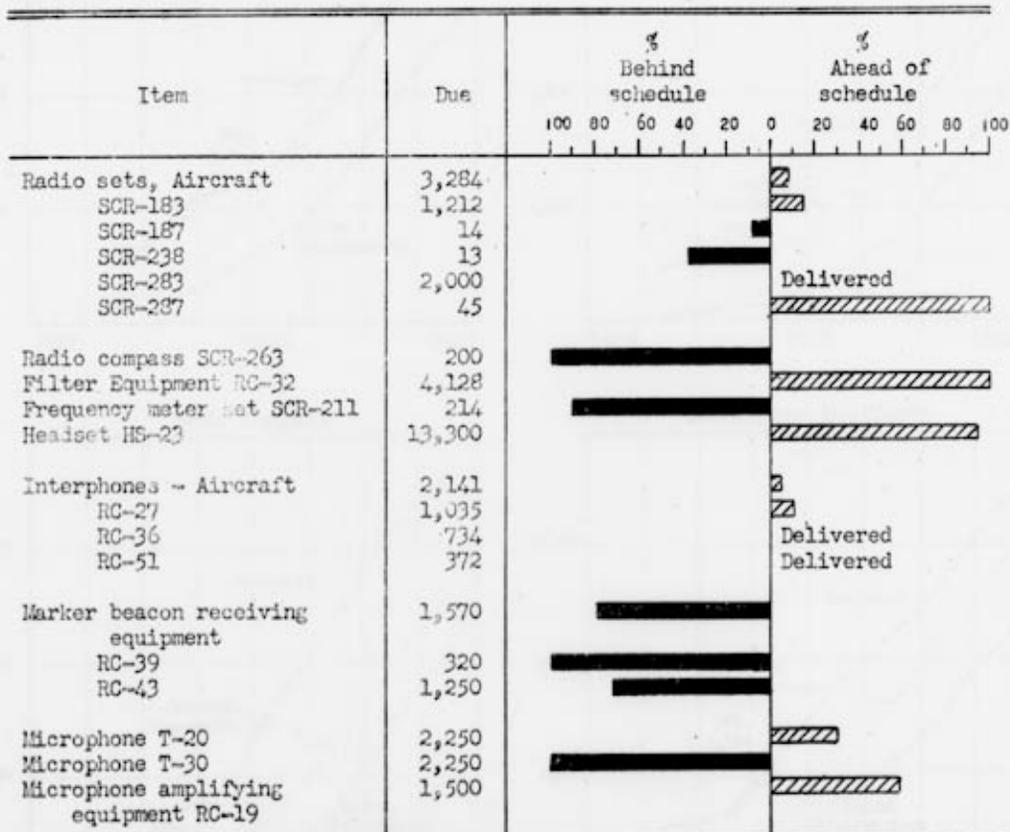
DELINQUENCIES - The following critical items of aircraft signal equipment under procurement are behind scheduled deliveries:

<u>Quantity delinquent</u>	<u>Item</u>
192	Frequency meter set SCR-211
320	Marker beacon receiving equipment RC-39
900	Marker beacon receiving equipment RC-43
2,250	Microphone T-30
200	Radio compass SCR-263
1	Radio set SCR-187
5	Radio set SCR-238-A

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AIRCRAFT - MAY 3, 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 and figures are not comparable with those in other tabulations of this report. In the interest of simplicity, only those items upon which quantities are due or have been delivered are included. Since calculations are based upon amounts due, percent behind schedule never exceeds one hundred.



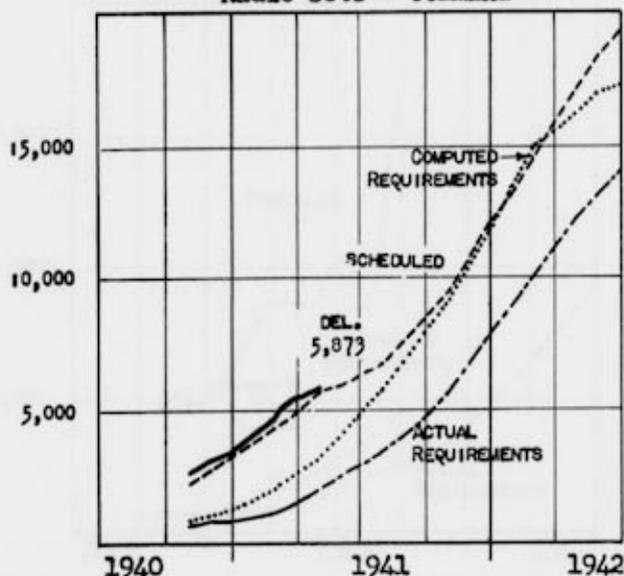
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - MAY 3, 1941

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

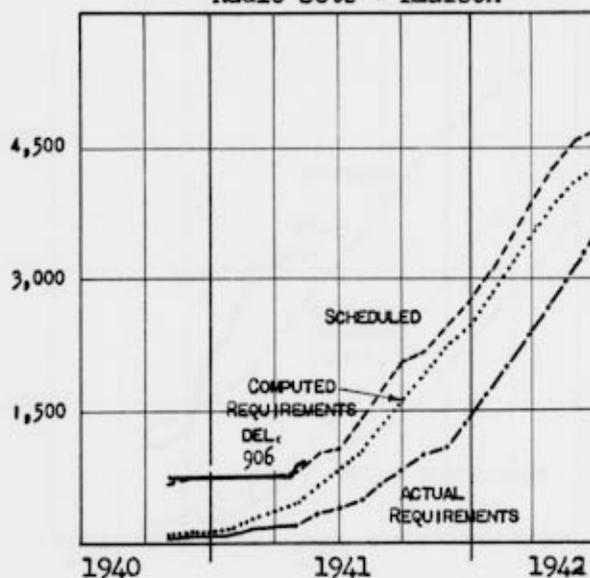
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS SHOWN ARE BASED UPON ACTUAL PLANE DELIVERIES AND HAVE BEEN PROJECTED IN ACCORDANCE WITH AIR CORPS MATERIEL DIVISION ESTIMATES OF PLANE DELIVERIES. COMPUTED AND ACTUAL DELIVERIES ARE INITIAL AND CONTAIN NO MAINTENANCE FACTOR.

COMPOSITE FIGURES ARE SHOWN - ALL TYPES OF THE VARIOUS ITEMS OF EQUIPMENT BEING GROUPED IN THE INTEREST OF SIMPLICITY.

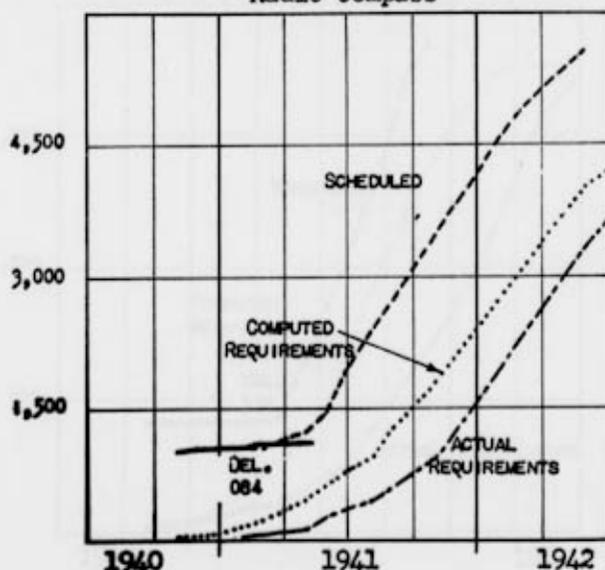
Radio Sets - Command



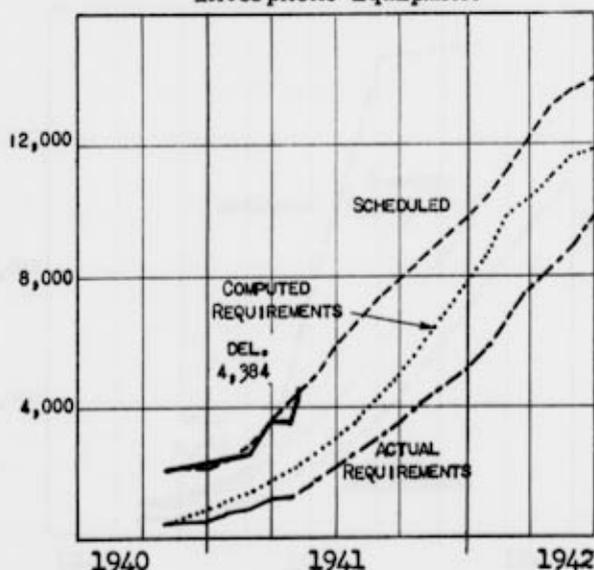
Radio Sets - Liaison



Radio Compass

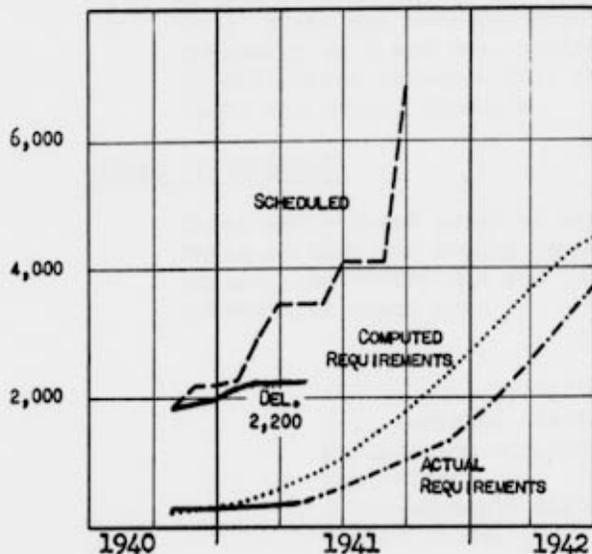


Interphone Equipment

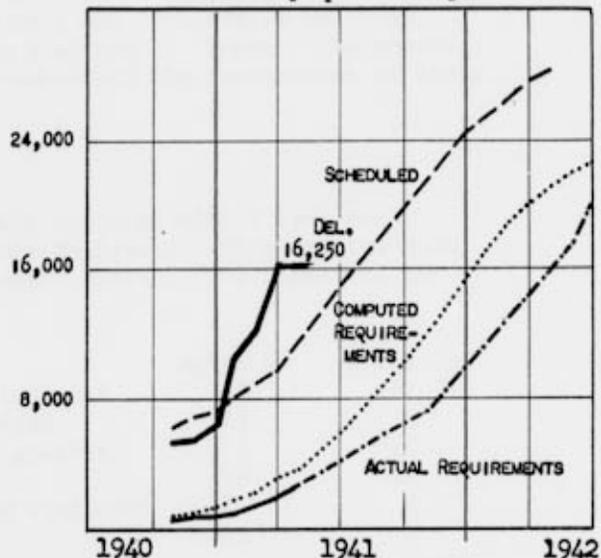


Source of Information: Materiel Division, Office of the Chief of Air Corps
Supply Division, Office of the Chief Signal Officer

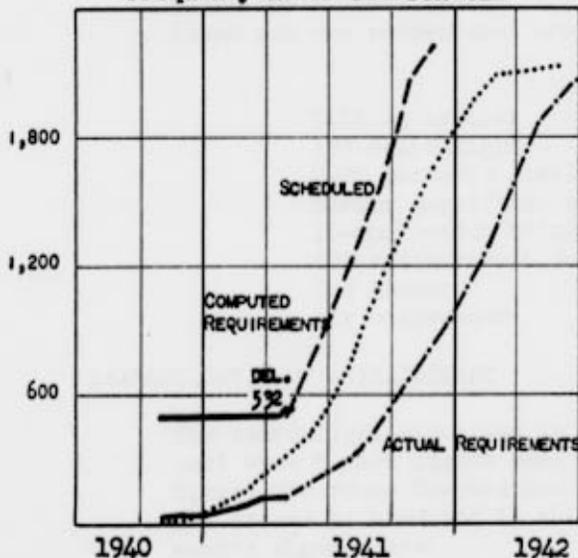
Marker Beacon Receiving Equipment



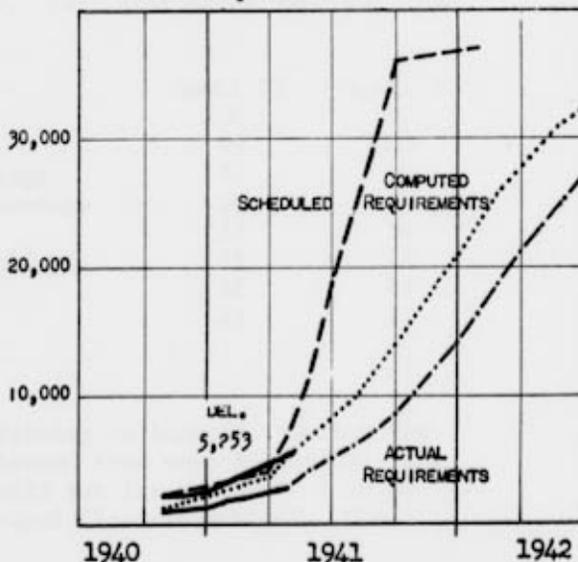
Filter Equipment RC-32



Frequency Meter Set SCR-211



* Microphone T-20 & T-30



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

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

GENERAL

The progress of the Engineer procurement program did not do so well as expected during the past quarter-month. Deliveries were scheduled on 15 items but were received on only 10. Deliveries exceeded schedules on 5 and were behind on 9 of the 15 items. The shortage of deliveries affected both the number and the percentages of items ahead and behind schedule.

AHEAD OF SCHEDULE

There are 6 items ahead of schedule compared with 7 last week. Three of them are nearly completely delivered. They are the H-10 bridge, the footbridge and the $\frac{1}{2}$ -yard shovel. The items and the percentages ahead are:

	April 23	April 30
Mobile water purification unit	38	31
H-10 portable steel bridge	15	15
Duplicating equipment, gelatin	5	15
Footbridge	18	14
3 kva electric lighting equipment	20	4
$\frac{1}{2}$ -yard shovel	11	2

BEHIND SCHEDULE

There are 8 items behind schedule. Last week there were 10. The items and the percentages are:

	April 23	April 30
Tilting trailer	100	100
18" searchlight	99	80
H-20 portable steel bridge	80	67
Mirror magnifying stereoscope	68	54
10-ton ponton bridge	38	34
60" antiaircraft searchlight	25	23
Gas hammer	18	23
Air compressor	13	11

SEARCHLIGHT, 60" ANTIAIRCRAFT

The searchlight situation is continuing to improve. During the past week 9 more lights were delivered than were scheduled. The Sperry Gyroscope Corporation exactly met its schedule of 26 so the excess is credited to the General Electric Company. The week's figures are:

	Scheduled	Delivered
Sperry Gyroscope Corp.	26	26
General Electric Company	<u>18</u>	<u>27</u>
	44	53

The number and percentages that the two companies are behind the schedules for March and April 30 are:

	March 31		April 30	
	Number	Percent	Number	Percent
Sperry Gyroscope Corp.	166	35	170	30
General Electric Company	<u>69</u>	25	<u>40</u>	12
	235	32	210	23

It is seen that for the month Sperry increased its deficiency slightly while General Electric substantially decreased its shortage. It is possible that the latter company can be delivering on schedule at the end of the present month. The total figures for the month are 180 scheduled and 205 delivered. A diagram showing the weekly performance of these two companies follows on another page.

INDEX OF PROCUREMENT

The index figure for the end of April is 64, which is an increase of 3 points for the week. A diagram of this index is on a following page. It shows that the greatest increase for any month in the present fiscal year was scheduled for April and that actual deliveries were not able to equal the schedule. The figures are:

Scheduled increase	16 points	56 to 72
Actual increase	9 points	55 to 64

PROGRAM COMPLETED

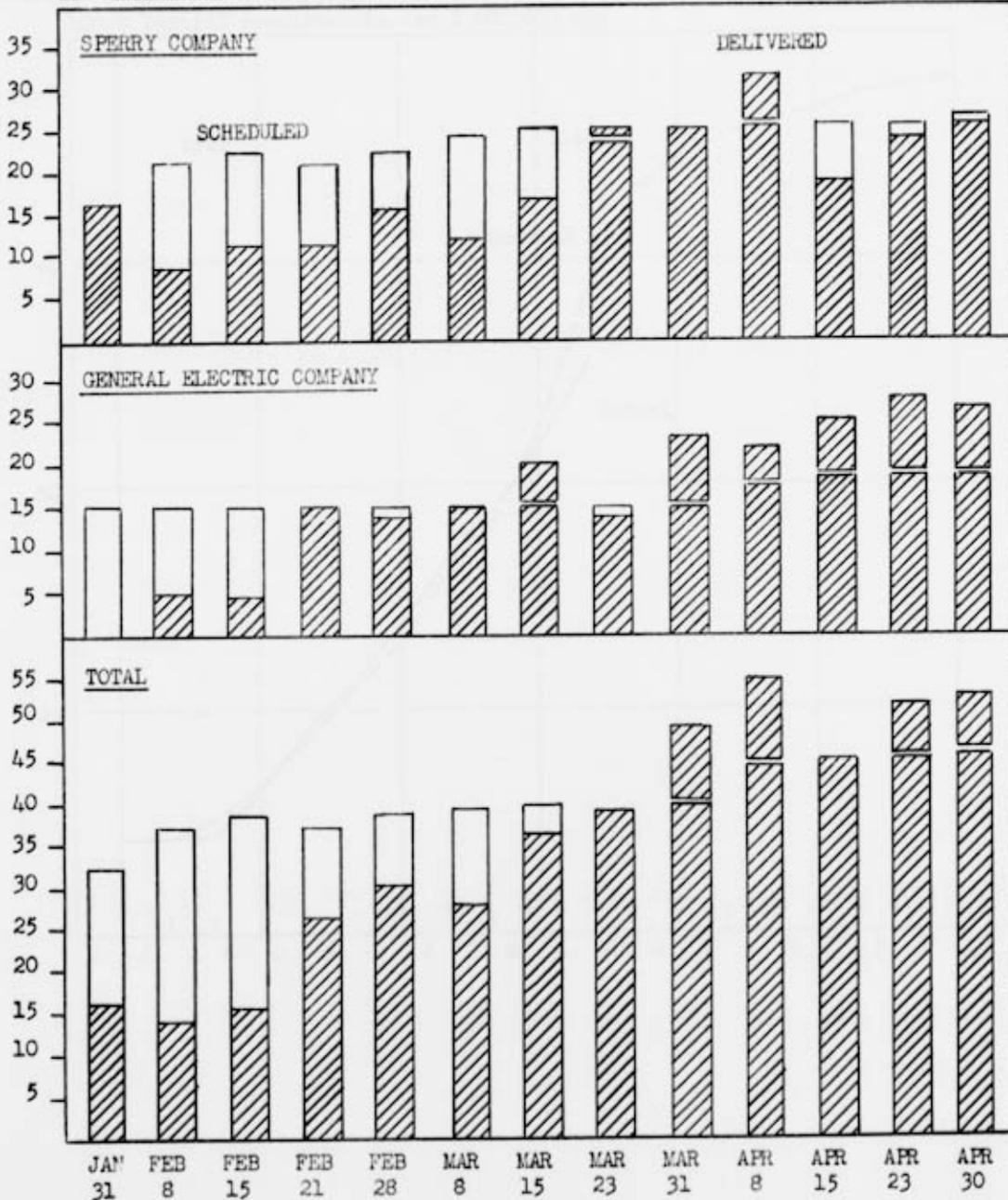
The funds available provide for 83 $\frac{1}{2}$ -yard gasoline shovels. The 83rd shovel was delivered during the past week and the number of items for which the programs are completed is increased to seven.

SEARCHLIGHT, 18" BEACH DEFENSE

The first deliveries after the acceptance of the pilot model were received during the past week. The entire program of 105 units is scheduled for delivery by April 30 but has not been received except for the delivery of this lot of 20 lights. It is expected that the remaining 84 will be received in the near future.

DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 30, 1941

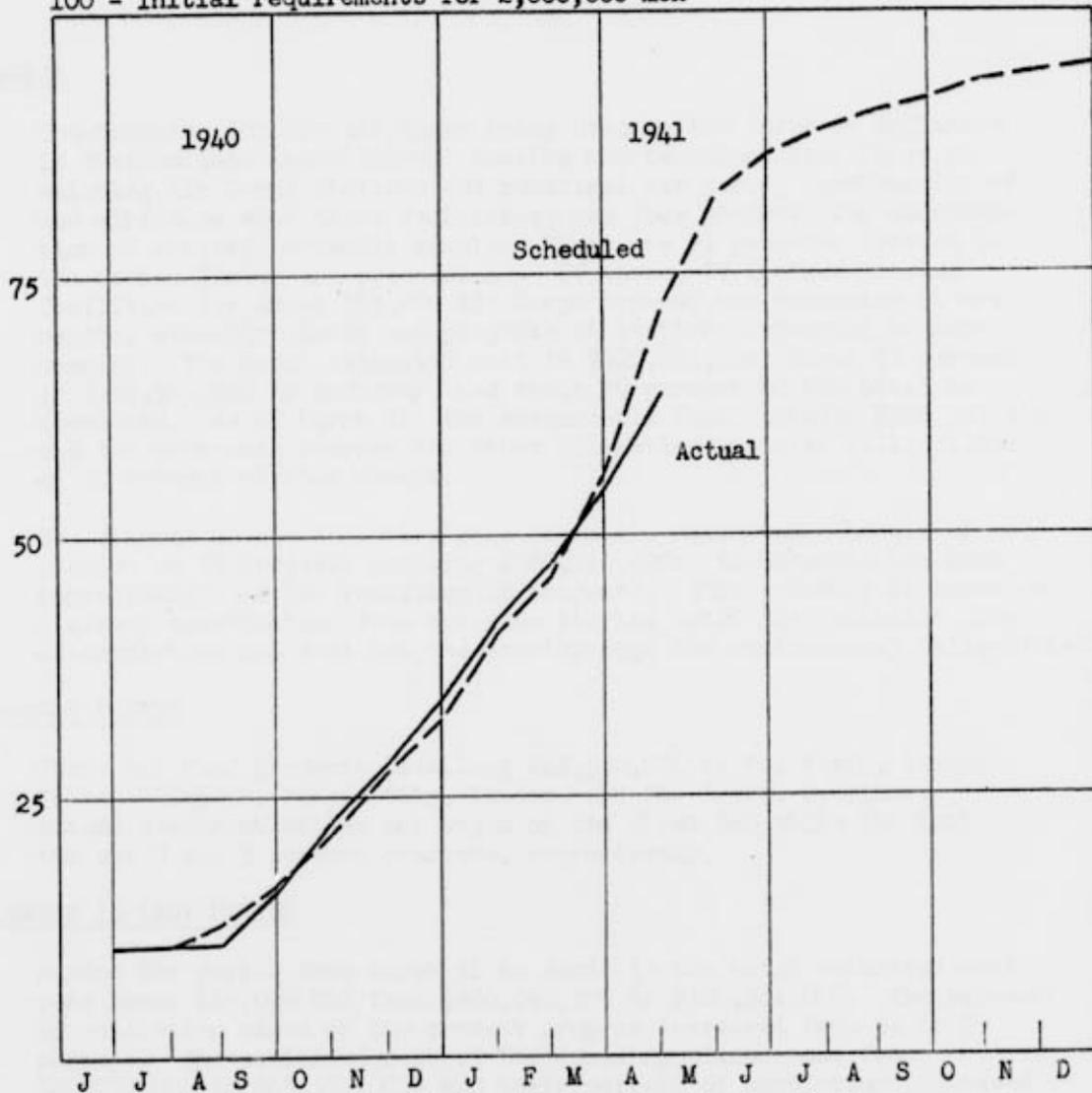
60" ANTI-AIRCRAFT SEARCHLIGHTS



CORPS OF ENGINEERS - INDEX OF ENGINEER PROCUREMENT - APRIL 30, 1941

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

100 = Initial requirements for 2,000,000 men



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

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

GENERAL

Construction for the Air Corps being done by the Corps of Engineers is divided into these types: housing and technical facilities at existing Air Corps stations and municipal air ports, construction of new airfields with these facilities, and four projects for construction of aircraft assembly plants. There are 91 projects located in the United States and possessions. Of these, 77 include housing facilities for about 165,000 Air Corps troops; the remaining 14 are depots, assembly plants and projects at stations requiring no more housing. The total estimated cost is \$320,961,000; about 59 percent or \$188,549,000 is underway; and about 39 percent of the total is completed. As of March 31, the accountable funds totaled \$328,393,418 and the contracts awarded and other obligations totaled \$111,561,232 or 34 percent of that amount.

The diagram on the following page shows the estimated schedule of completion on 73 projects totaling \$263,214,000. No schedule has been approximated for the remaining 18 projects. This schedule is based on a steady construction from the date started until the estimated date of completion and does not necessarily show the contractors' obligations.

ASSEMBLY PLANTS

There are four projects totalling \$45,550,000 at Ft. Worth, Texas, Tulsa, Oklahoma, Kansas City, Kansas, and Ft. Crook, Nebraska. Actual construction has not begun on the first two while the last two are 5 and 3 percent complete, respectively.

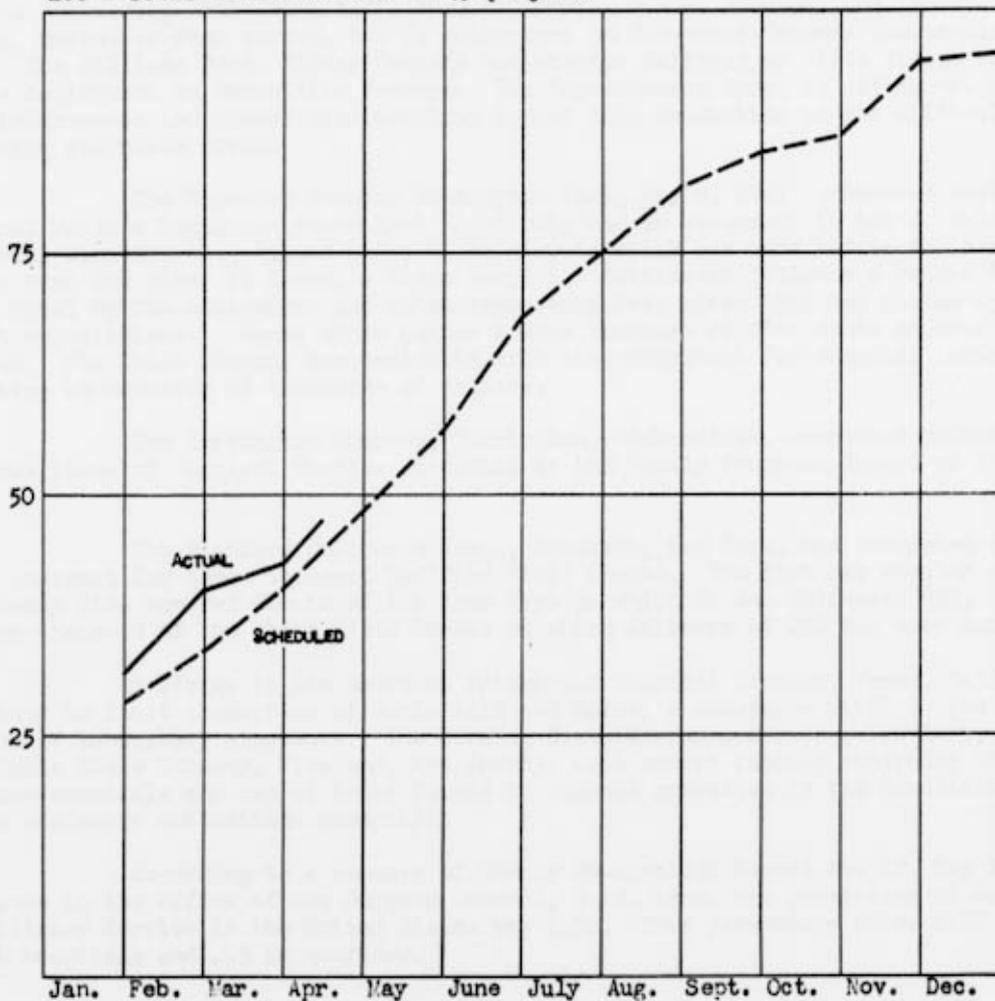
PROGRESS IN LAST PERIOD

During the period from March 31 to April 15 the total estimated cost rose about \$15,000,000 from \$306,094,500 to \$320,961,000. The percent of completion based on the present program increased from 34 to 39 percent. The estimated cost of the assembly plants rose from \$40,059,000 to \$45,550,000; and their percent of completion increased from 1 to about 2 percent. No project is 100 percent complete, but several are halted near completion pending final installation of technical facilities. Most of the projects underway are scheduled for completion in the summer and fall of this year.

CORPS OF ENGINEERS - STATUS OF CONSTRUCTION AT AIRCORPS STATIONS - APRIL 15, 1941

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

100 = Total estimated cost of 73 projects



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED MAY 10, 1941

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

The delivery of surgical instruments continues to lag. The Oneida Co., Ltd. is delivering Abbey Hemostatic Forceps, Spring Tissue Forceps, and Forceps Hemostatic, Rochester-Pean curved, but is delinquent on Rochester-Ochsner Hemostatic Forceps. The Williams Bros. Silver Company has started delivery on Allis Tissue Forceps, but is delinquent on Hemostatic Forceps. The Kny-Scheerer Corp. is delinquent on several instruments and blames its inability to get into production on the difficulty of obtaining stainless steel.

The Thursday morning Washington Post, May 8, 1941, announced that "The National Defense Mediation Board last night obtained an agreement in the J. Sklar Manufacturing Company, Long Island City, N. Y. dispute which has been before the board longer than any other it faces, - Since April 6. Settlement followed a return to the board panel by the management and union representatives after they had failed again in direct negotiations." Among other things a wage increase of five cents an hour is granted. The Sklar Company has contracts with the government for surgical instruments amounting to hundreds of thousands of dollars.

The Torrington Company, Torrington, Connecticut, completed deliveries of three items of Surgical Needles according to the Weekly Progress Report of April 30, 1941.

The Standard Holloware Corp., Brooklyn, New York, has completed its first contract for three thousand Modified Field Chests. The firm has another contract for twenty five hundred chests of the same type on which it has delivered 693, and one for two thousand of the Plain Field Chests on which delivery of 250 has been made.

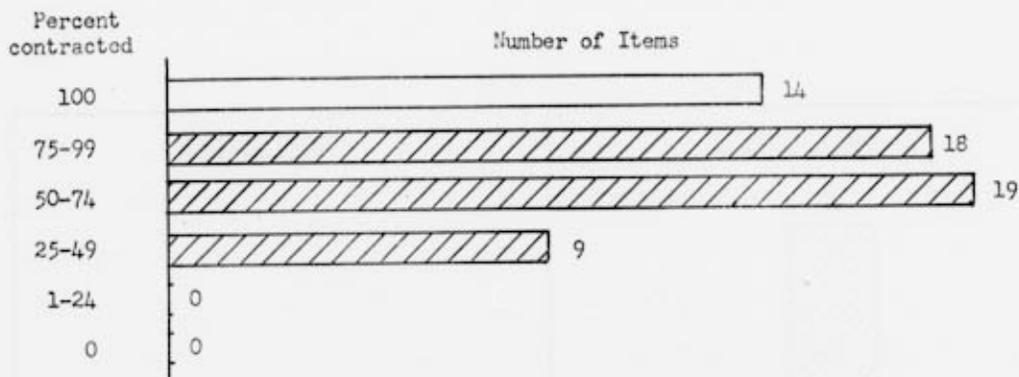
A strike in the American Potash and Chemical Company, Frona, California, threatens to limit production of Boric Acid and Borax, a substance vital to the manufacture of laboratory glassware. The Corning Glass Company, Corning, New York, and the Kimble Glass Company, Vineland, New Jersey, both report rapidly vanishing stocks of these chemicals and expect to be forced to suspend operation in the immediate future if the strike is not settled promptly.

According to a summary of Weekly Statistical Report No. 17, May 1, 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 3.32. This percentage shows 2.87 remaining in hospitals and .45 in quarters.

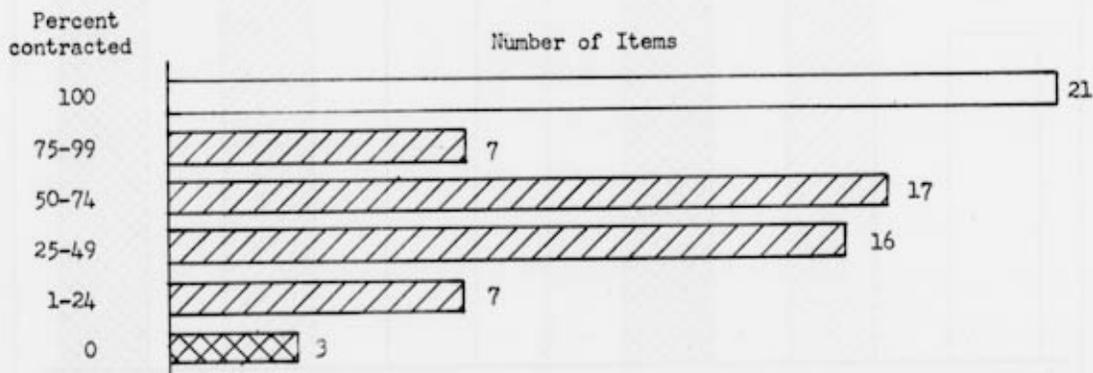
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - APRIL 30, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



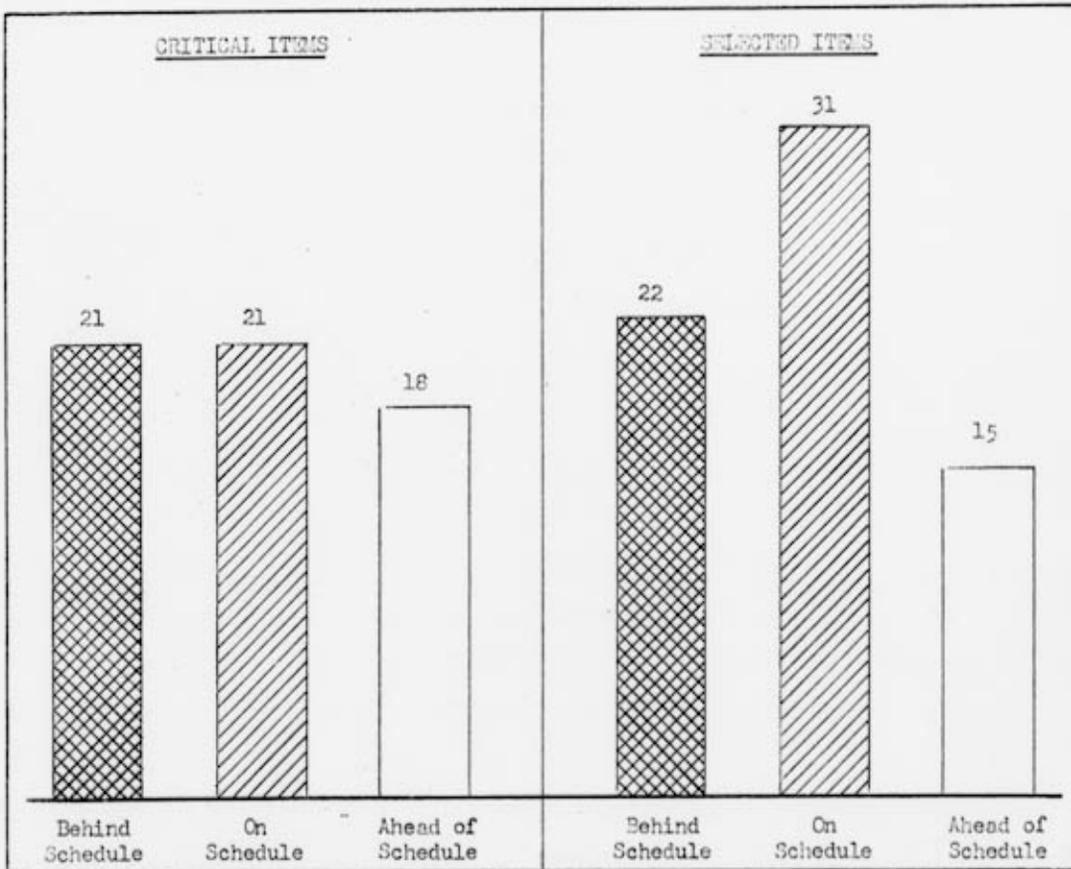
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - APRIL 30, 1941

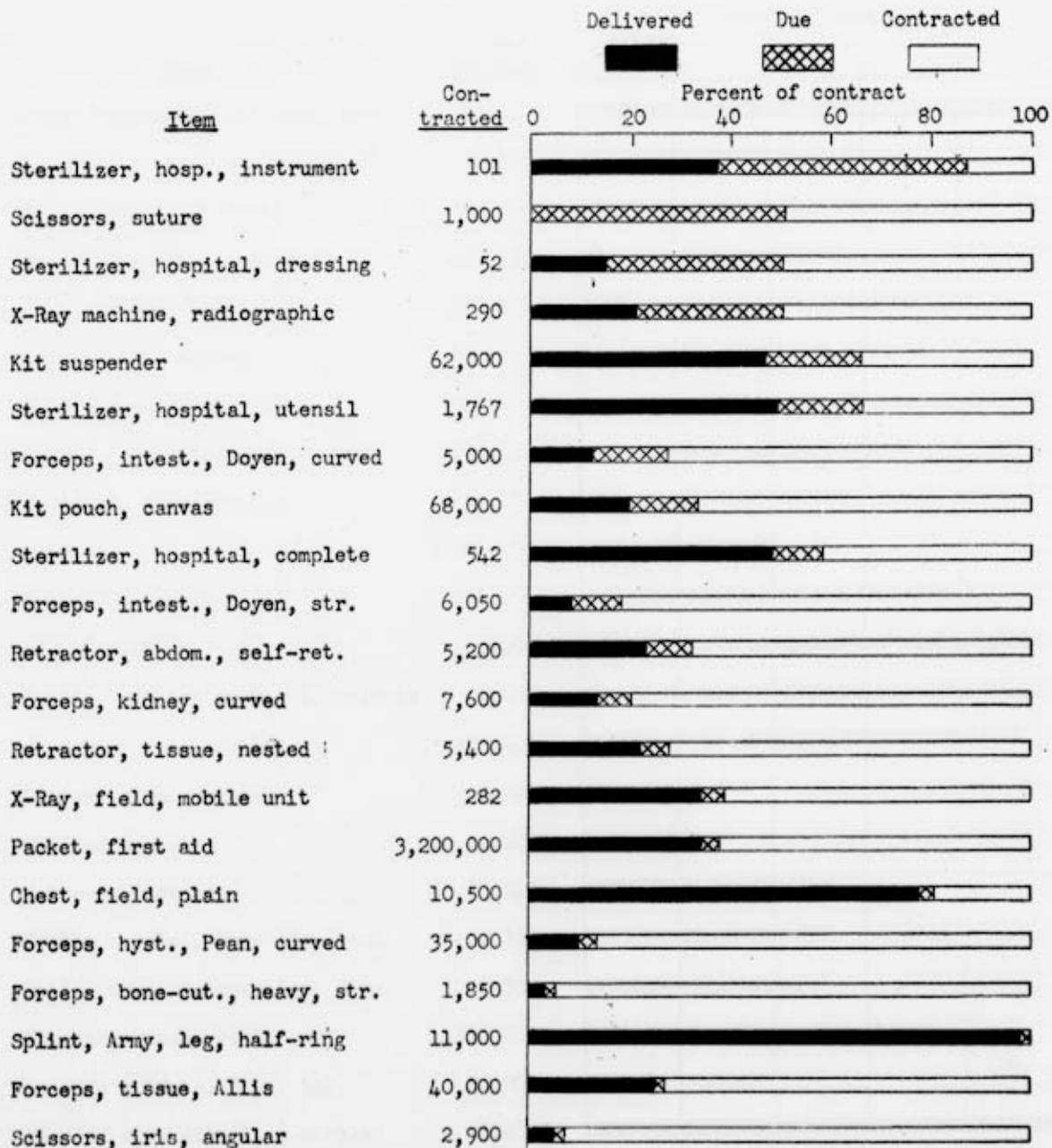
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



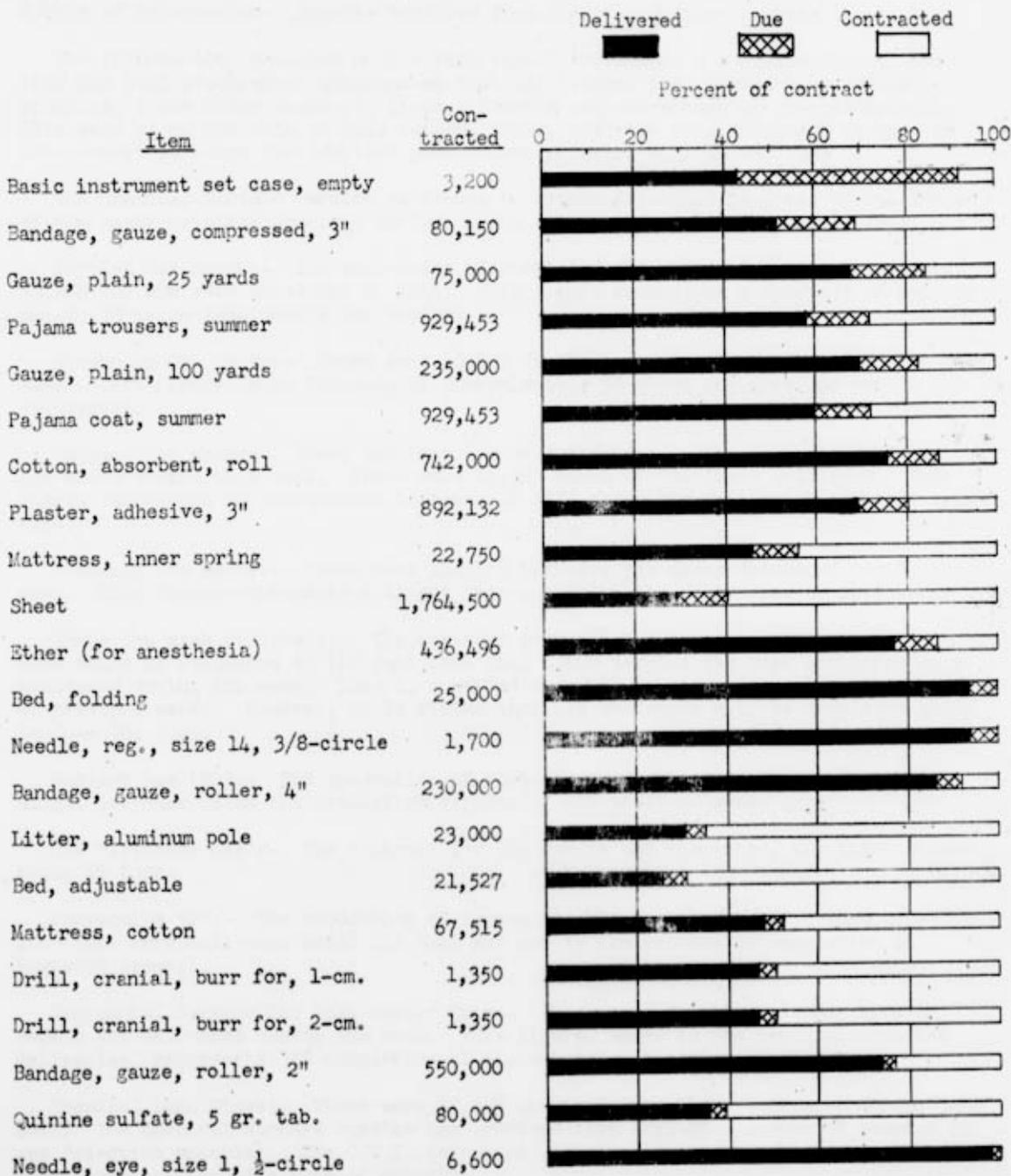
MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - APRIL 30, 1941

Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - APRIL 30, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - MAY 9, 1941

Source of Information: Reports received from Chemical Warfare Service

The information contained within this report represents a consolidation of the 1940 and 1941 procurement programs so that all figures are accumulative totals of programs, items under contract, items delivered and percentage of program actually delivered as of the date of this report. Thus, when the term "program" is used in this report it means the combined procurement programs of 1940 and 1941.

The Chemical Warfare Service continues to report favorable progress of deliveries of the major critical Chemical Warfare items during the week ended May 2, 1941.

Service Gas Masks:- The deliveries of completed gas masks of this type amounted to 75,366 for the week ended May 2, 1941. This figure represents a decrease of approximately 3% below last week's deliveries.

Diaphragm Gas Masks:- There were 60,835 diaphragm gas masks delivered during the week. This figure is an increase of approximately 3% above the previous week's deliveries.

Optical Gas Masks:- There has been a marked increase in the deliveries of optical gas masks during this week. There were 26,303 masks of this type delivered. This figure represents an approximate increase of 117% above the deliveries reported last week.

Training Gas Masks:- There were 118,167 training gas masks delivered during the week. This figure represents a slight increase above the deliveries of last week.

Extra Gas Mask Canisters:- The canister production situation seems to be somewhat slow which is evidenced by the fact that only 5,000 service gas mask canisters were delivered during the week. This is a marked decrease in comparison with the figures of previous weeks. However, it is stated that all contracts will be completed prior to June 30, 1941.

Mustard Gas (HS):- The production of mustard gas amounted to 81 tons which is a slight decrease below the production figures of the previous week.

CNB "Irritant Gas":- The contract for CNB gas is now completed, the total amount being 89 tons.

Impregnite "I":- The production of Impregnite "I" amounted to 12.8 tons of which 10.3 tons were delivered while 2.5 tons are now in the process of inspection at Edgewood Arsenal.

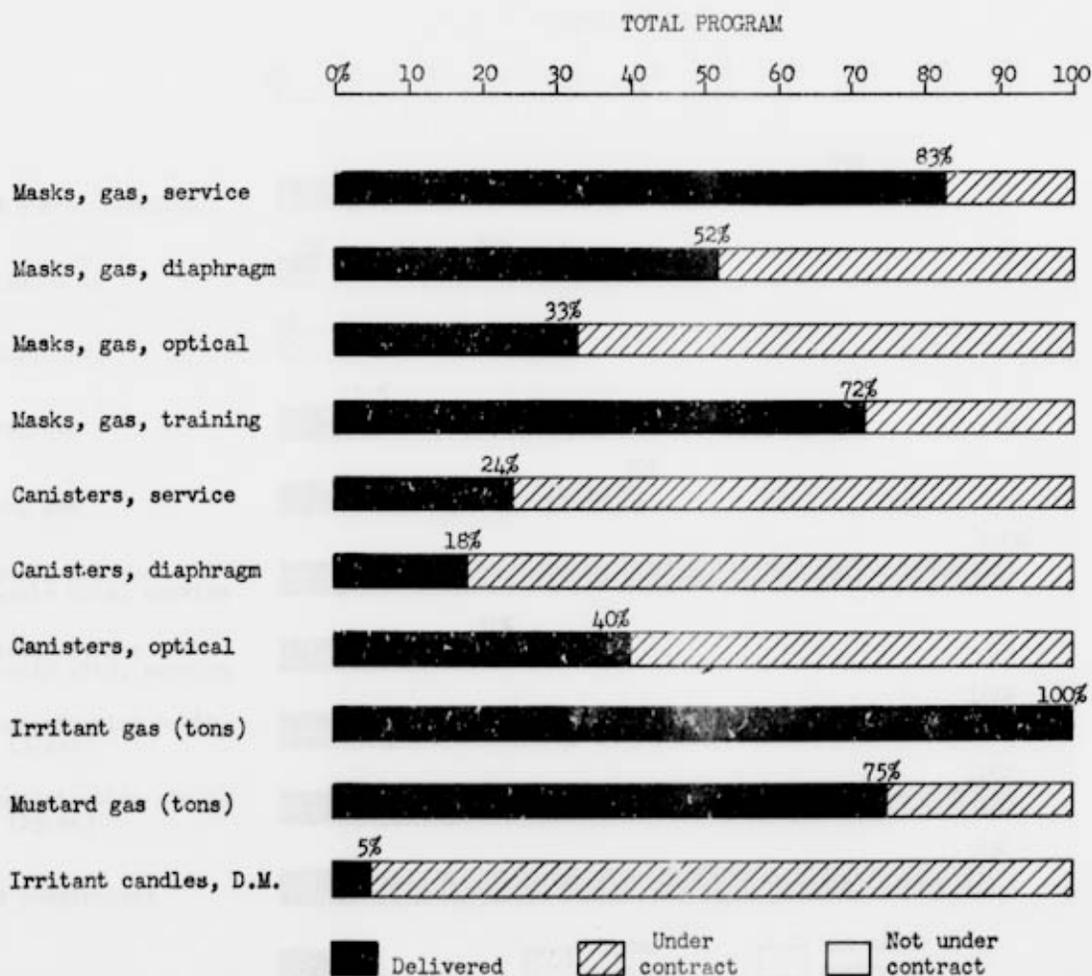
Regimental Service Gas Mask Repair Kits:- There were 36 units of this type of repair kit delivered during the week. This figure, added to the previous reported deliveries, represents 31% completion of the outstanding contracts.

Chemical Land Mines:- There were 17,100 chemical land mines delivered during this week. The Chemical Warfare Service has received from England a number of samples of gas detection materiel. The C.W.S. Technical Division is now preparing American specifications for this type of materiel.

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

Source of Information: Chemical Warfare Service

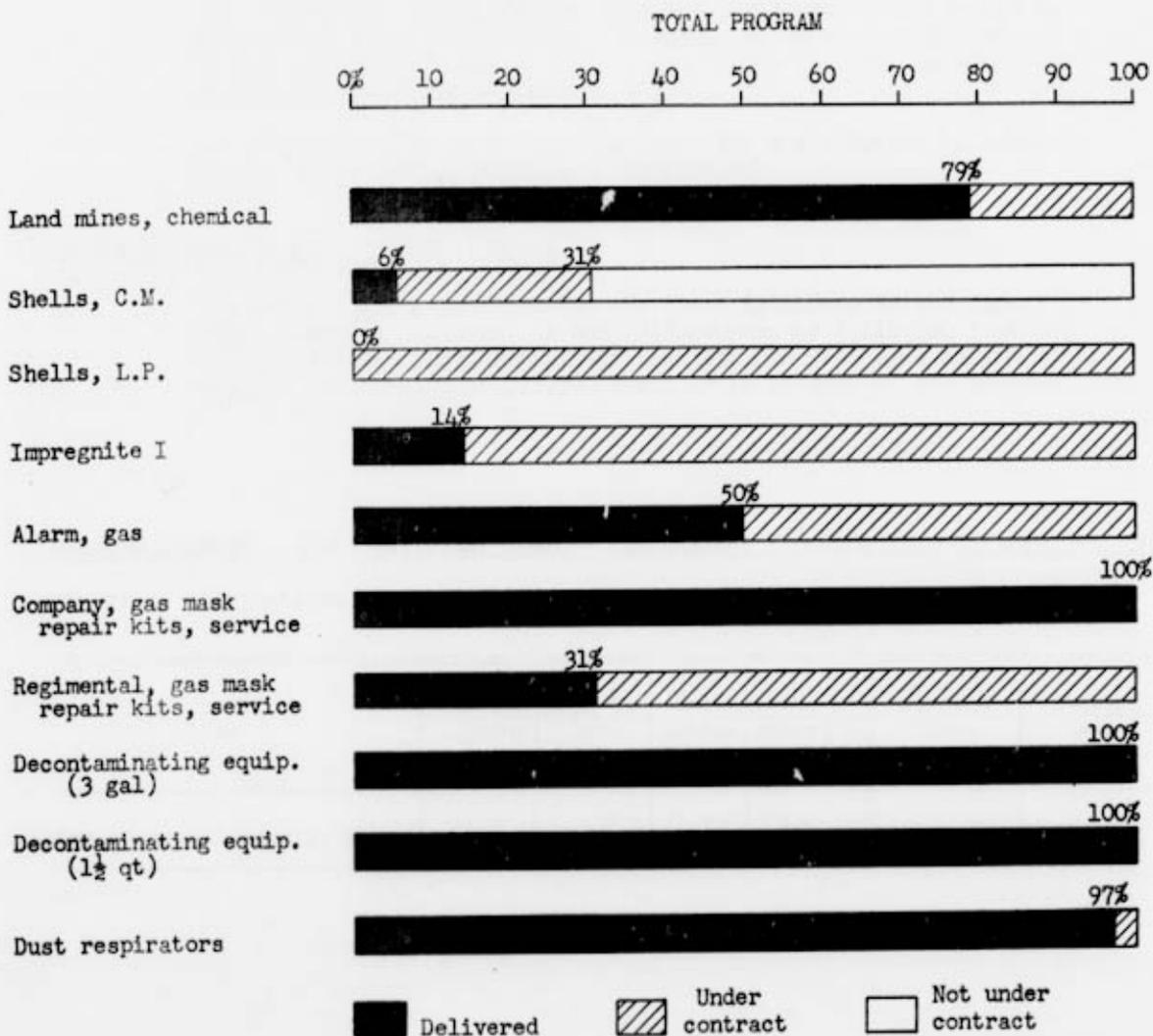
May 2, 1941



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

Source of Information: Chemical Warfare Service

May 2, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH APRIL 30, 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 April 30, 62 were scheduled and 69 were delivered. Deliveries now are 7 more than the schedule and 50 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. Complete delivery of the 1941 program of 3,610,000 feet was due by March 31. During the past week 150,000 feet were delivered bringing the total to 2,375,300 feet, or 66 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH APRIL 30, 1941

Source of Information: Office, Chief of Coast Artillery

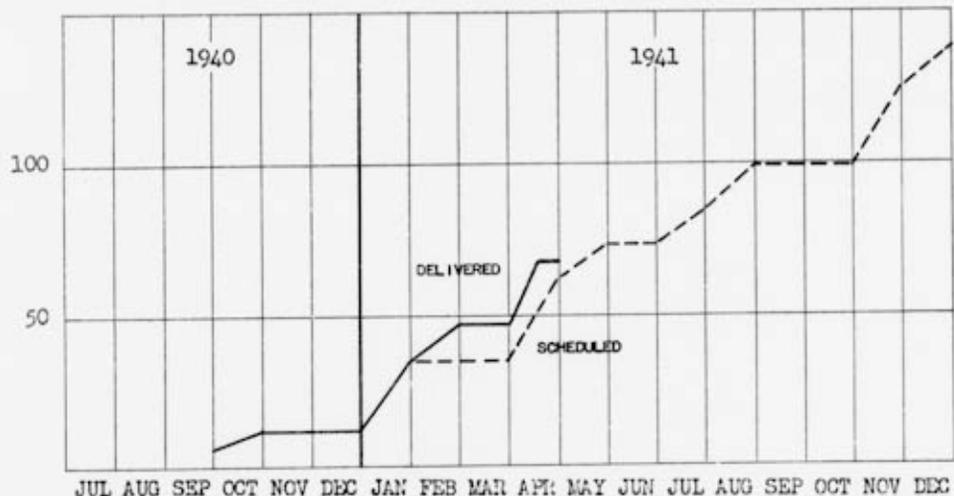
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual Apr. 30	Contracted	Delivered
Group control panels, M-3	138	138	62	69	100	50

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH APRIL 30, 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								

delivered

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WEEKLY STATISTICAL REPORT

SUMMARY

No. 46

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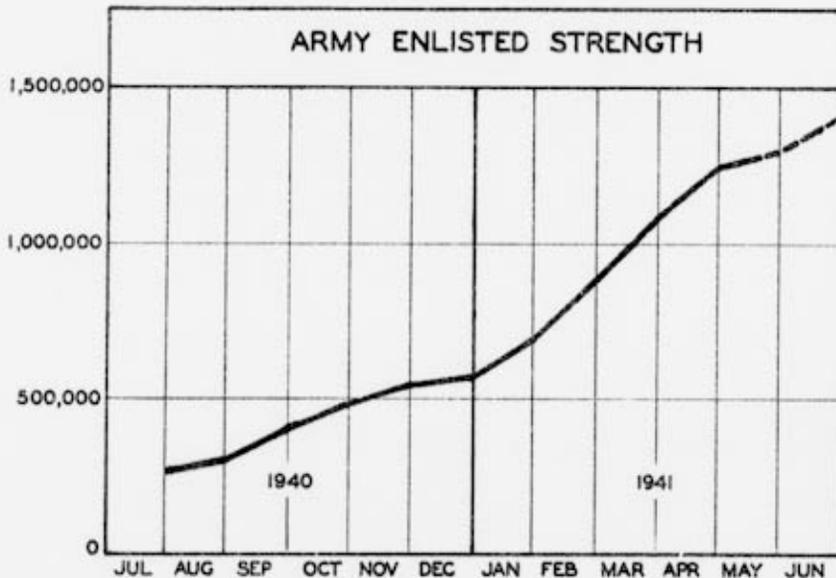
WEEKLY STATISTICAL REPORT
NO. 46
MAY 17, 1941

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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The date 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

Widespread advances in the price of basic commodities during the week brought the index to 142.2 percent of the August, 1939 level. Prices of import commodities now stand 50.1 percent above the prewar level while foodstuffs have risen 47.6 percent. Twenty of the basic commodities advanced in price and 8, including the metals for which price ceilings have been established, remained unchanged.

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 14, 1941

There has been an important rise in the number of editorials recommending the safeguarding, by some means, of cargoes destined for Britain. A substantial part of these editorials favors taking the necessary steps now, without waiting until the situation may have become more critical. There appears to be widespread belief that the patrol will prove inadequate and that convoying, or some variant of convoying, will have to be instituted, if lease-lend materiel is to be delivered.

This emergence of sentiment in favor of safeguarding cargoes has been rapid over the past few weeks and seems to correspond to a growing conviction that Britain's position is serious in the extreme. A small minority of commentators apparently believes that convoying is not enough, and recommends "full naval participation", though the exact meaning of this phrase is not made clear.

The conclusion seems plain that the bulk of editorial opinion would back stronger methods than the patrol and accept the risks that such a course would entail. Though opinion seems to have crystallized, there is, nevertheless, a continued demand for any facts which might throw light on these problems.

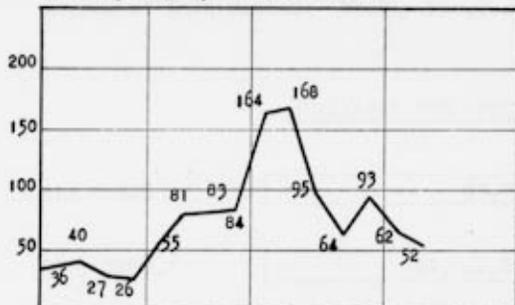
TABULAR SUMMARY

AID FOR BRITAIN	Tallies	GENERAL COMMENDATION	HOURS, WAGES, LABOR
For safeguarding cargoes by best means	7	War Department	2
For convoying	17	Govt. labor policy	2
Convoying unnecessary	1	Govt. leadership	3
Consult Congress	1	General production	8
Hear experts	1		
Patrol is half measure	10	GENERAL CRITICISM	
For naval participation	2	War Department	3
Take over foreign ships	3	The OPMND	3
Dont take foreign ships	1	Govt. leadership	9
For bomber program	12	Govt. economic policy	8
For pilot training here	8	Attitude to \$-a-yr. men	1
All possible aid	3	Govt. labor policy	2
		Sup. Court labor policy	5
		Defense planning	1
		Defense organization	8
		Defense progress	31
		Aid progress	1
LACK OF FACTS			
About preparedness	2		
About convoying need	5		
About general progress	5		
Congress lacks facts	5	ECONOMICS, INFLATION	49
Govt. withholding facts	1	ORGANIZATION PROBLEMS	7
No facts being withheld	3	GOVT. AND BUSINESS	6
Continue press conf.	1	MISCELLANEOUS	5
			TREND TOWARD WAR
			We are trending
			Convoying means war
			Convoys dont mean war
			Do not go to war

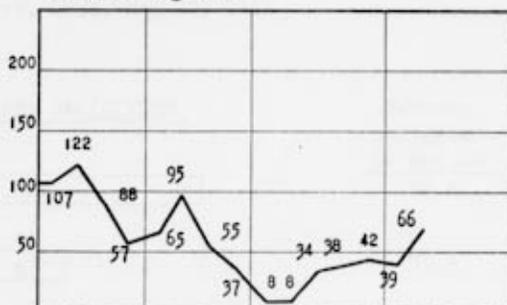
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

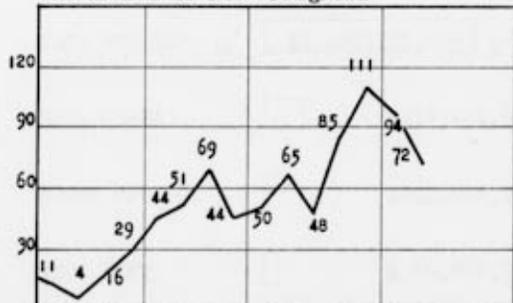
Hours, Wages, Labor Problems



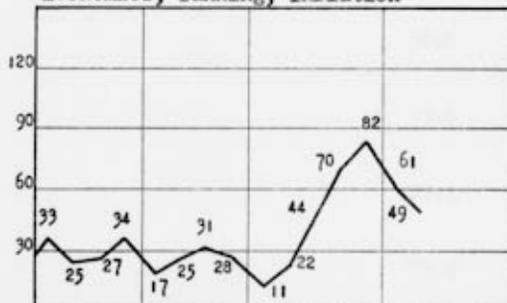
Aid for England



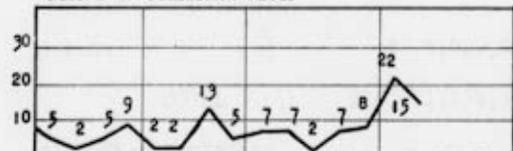
Criticism of Slow Progress



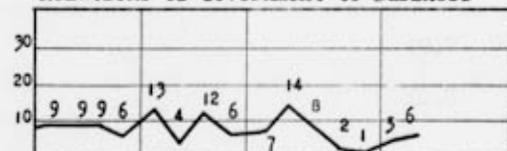
Economics, Banking, Inflation



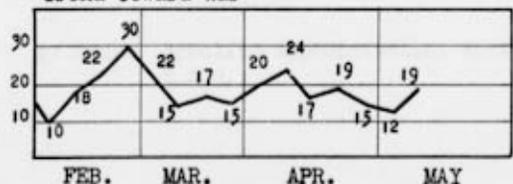
General Commendation



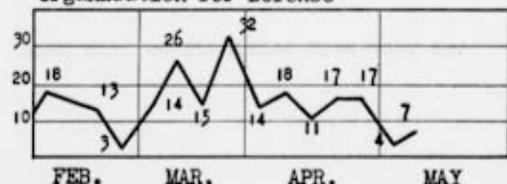
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 61.0 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, May 15, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to May 14</u>
AIR CORPS	<input type="text" value="\$3,717,519,528"/>	59.8
ORD. DEPT.	<input type="text" value="\$2,741,659,091 a/"/>	73.5
Q.M.C.	<input type="text" value="\$2,596,342,802"/>	49.7
FAC. FOR EXP. b/	<input type="text" value="\$1,464,286,000 c/"/>	56.6
SIG. CORPS	<input type="checkbox"/> \$217,274,460	75.6
CORPS OF ENG.	<input type="checkbox"/> \$100,015,200	77.4
MED. DEPT.	<input type="checkbox"/> \$ 60,872,137 a/	73.0
CHEM. WAR. SER.	<input type="checkbox"/> \$ 51,943,483	87.8
C.A.C.	<input type="checkbox"/> \$ 1,219,839	99.7
TOTAL	\$10,951,132,540	61.0

a/ NOTE: Tentative

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

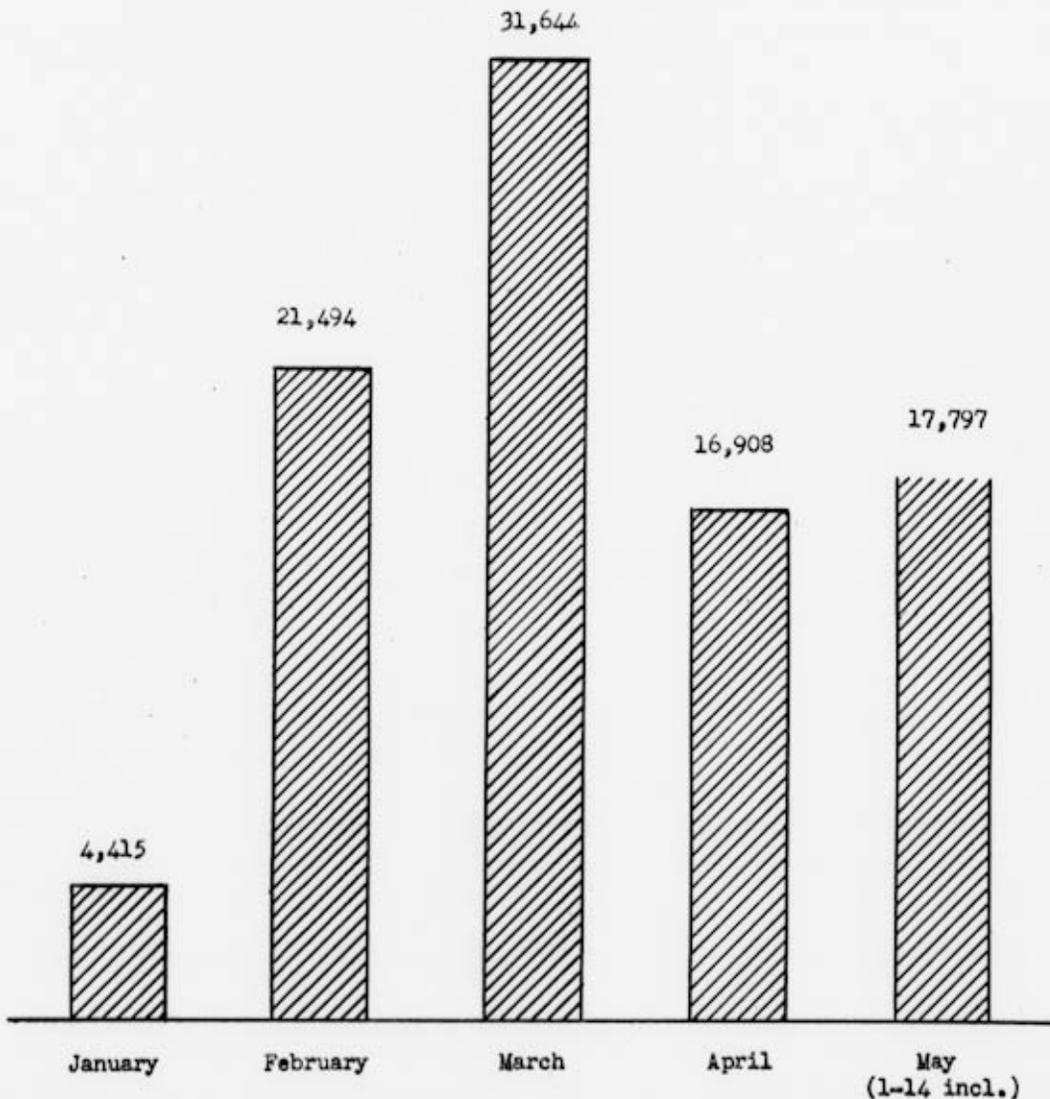
c/ NOTE: Specific appropriation, additional funds will be furnished from Navy and S.A.S.

STRIKES AFFECTING WAR DEPARTMENT PROCUREMENT

Since the first of January, 1941 many strikes have hampered work on War Department contracts. The average number of men idle daily does not include men on strikes which indirectly affected War Department procurement, such as the bituminous coal strike and the Ford Motor Company strike. The average number of men idle daily during the first 14 days of May was 17,797. On May 14 there were 32 strikes in progress with approximately 36,100 men idle.

Source of Information: Labor Section, OUSW

DEFENSE STRIKERS IDLE DAILY



TEXT SUMMARY - ORDNANCE DEPARTMENT - MAY 17, 1941

Source of Information: Ordnance Department and OUSW

DELIVERY SCHEDULES

The diagram entitled, "Progress of Ordnance Deliveries", on the following page, shows a sharp increase in the number of equipment items behind schedule during the month of April. There was a corresponding decrease in the number of items on schedule.

The estimated delivery schedules reported by the Ordnance Department represent tentative estimates of what can be accomplished provided no interferences are met. They are not required performance tables set up by higher authority.

The sharply enlarged Ordnance Procurement Program is reaching the stage of deliveries of complete units on a growing number of items which have been under production for many months. The principal factors controlling the accomplishment of estimated delivery schedules are the availability of machine tools, raw materials and component parts from subcontractors, and an adequate supply of labor. In an increasing number of items, priorities on machine tools and materials giving preference to the Navy and the Air Corps have prevented deliveries according to schedule. In addition, as in the case of the two-day strike at the Colt Patent Fire Arms Company plants this week, labor conditions have caused delays in output.

The strategic importance of the Colt strike is indicated by the fact that that company has been producing all the aircraft machine guns and all the other types of caliber .50 machine guns in the Ordnance Departments' procurement for the Army and the Navy. Additional plants manufacturing these critical items are now coming into production in volume, including that of the High Standard Manufacturing Company in New Haven, Connecticut and the plant of the A.C. Spark Plug Division of General Motors Corporation at Flint, Michigan. The former started production against British orders in April and the latter delivered its initial 14 caliber .50 aircraft machine guns in the same month. Both were several months ahead of schedule.

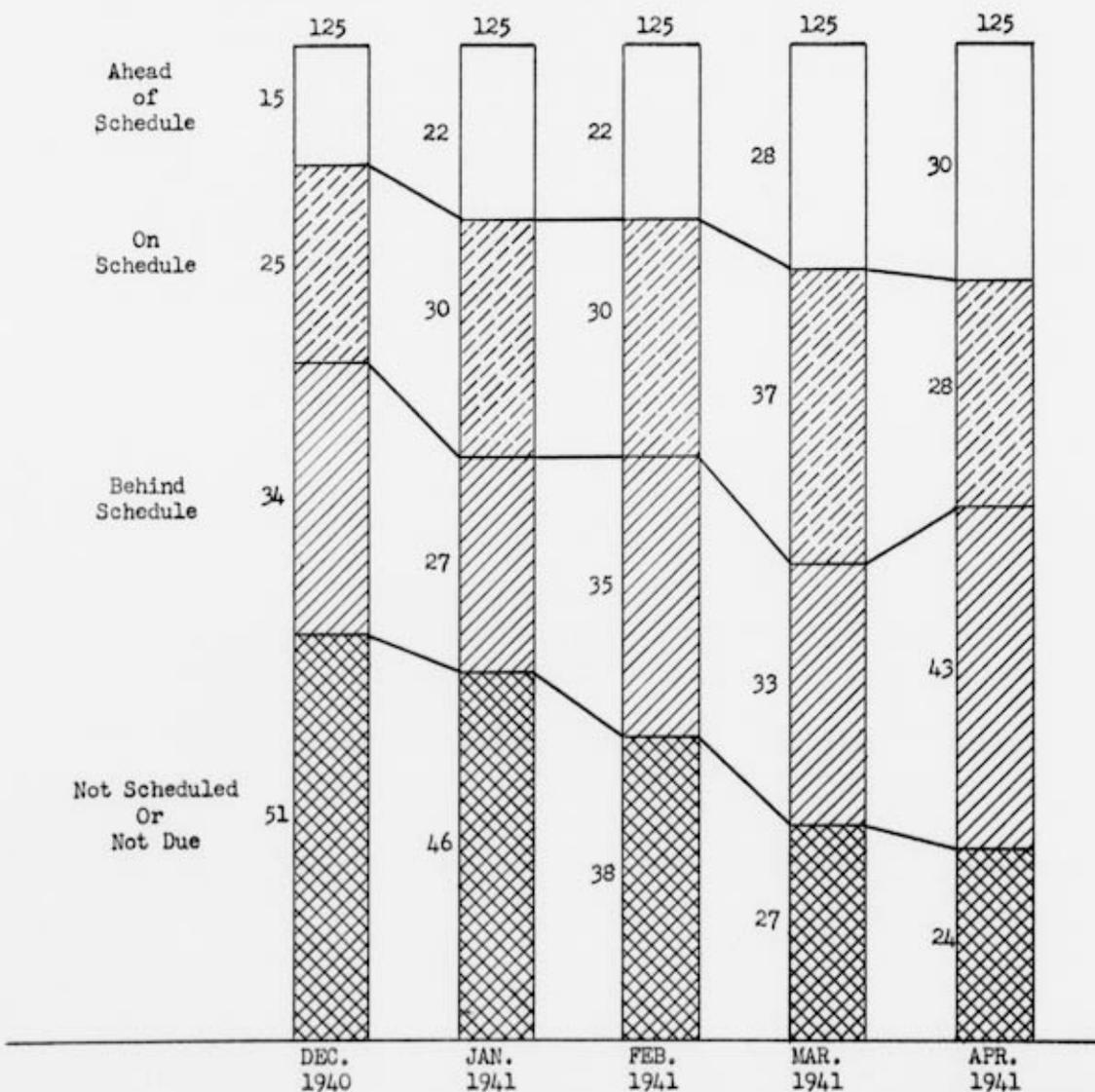
Important items ahead and behind schedule are shown below:

<u>Item</u>	<u>Ahead of Schedule</u>	
	<u>Number</u>	<u>Time</u>
Mount combination, 37mm gun for medium tank, M2A1	35	4 Months
Height finder	18	2 Months
Set, central control for 37mm AA gun	134	3 Months
Board, deflection	24	4 Months
Board, fire adjustment	24	2 Months
Corrector, percentage	38	5 Months
Limber, 75mm howitzer, field	14	3 Months
Carriage, 155mm howitzer (mod.)	128	2 Months
	<u>Behind Schedule</u>	
Carrier, personnel, 8-man	150	2 Months
Tester, stereoscopic	125	3 Months
Mount, tripod, M1917A1	1,250	2 Months

PROGRESS OF ORDNANCE DELIVERIES - APRIL 30, 1941

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

Equipment - Critical Items



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

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

Item	Total procurement program	Delivered thru April 30	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	87,648	5,610	32	32	7	6
Machine gun, cal.50	161,173	5,161 ϕ	50	50*	3	3 ϕ
Gun, 20mm, automatic	42,489	0	58	6	0	0
Gun, 37mm, automatic	1,188	0	100	90	1	0
<u>Combat Vehicles</u>						
Tank, light	3,488	567 ϕ	100	100	17	16 ϕ
Tank, medium	4,596	45 ϕ	54	54	1	1 ϕ
Scout car	2,733	2,498 ϕ	100	100	82	91 ϕ
Personnel carrier, 8-man	5,445	0	100	100	3	0
Personnel carrier, 13-man	4,302	0	91	91	0	0
Machine gun, cal.30, (Var.)	37,460 <u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>
Machine gun, cal.50, (H.B.)	8,025 <u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>	<u>a/</u>
Submachine gun, cal.45	241,065	10,052	23	23*	6	4
Gun, 37mm, tank	6,040	873	99	99	12	14
Gun, 75mm, tank	2,513	4	100	100	0	-
<u>Antiaircraft</u>						
Gun, 3"	152	70	100	100	36	46
Gun, 90mm	1,271	0	95	95*	0	0
Gun, 37mm	3,195	325	100	100	9	10
Machine gun, cal.50, (W.C.)	10,945	196	34	34*	2	2
<u>Artillery</u>						
Howitzer, 75mm	958	82	100	100	8	9
Howitzer, 105mm	3,286	8	83	83*	-	-
Gun, 155mm	492	8	80	68	2	2
Modernization - H.S.						
Carriage, 75mm gun	1,330	48	100	100	6	4
Carriage, 155mm howitzer	1,436	666 ϕ	100	100	36	46 ϕ
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	153,966 ϕ	54	54	16	17 ϕ
Machine gun, cal.30, (Var.)	91,750 <u>b/</u>	20,474 ϕ <u>b/</u>	77 ϕ <u>b/</u>	77* ϕ <u>b/</u>	23 ϕ <u>b/</u>	22 ϕ <u>b/</u>
Machine gun, cal.50, (H.B.)	23,007 <u>b/</u>	1,186 ϕ <u>b/</u>	54 ϕ <u>b/</u>	54* ϕ <u>b/</u>	5 ϕ <u>b/</u>	5 ϕ <u>b/</u>
Gun, 37mm, antitank	7,653	439	80	61	5	6
Mortar, 60mm	10,162	2,270 ϕ	100	100	20	22 ϕ
Mortar, 81mm	3,773	612 ϕ	91	91	15	16 ϕ

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

b/ Figures include Armament for Combat Vehicles.

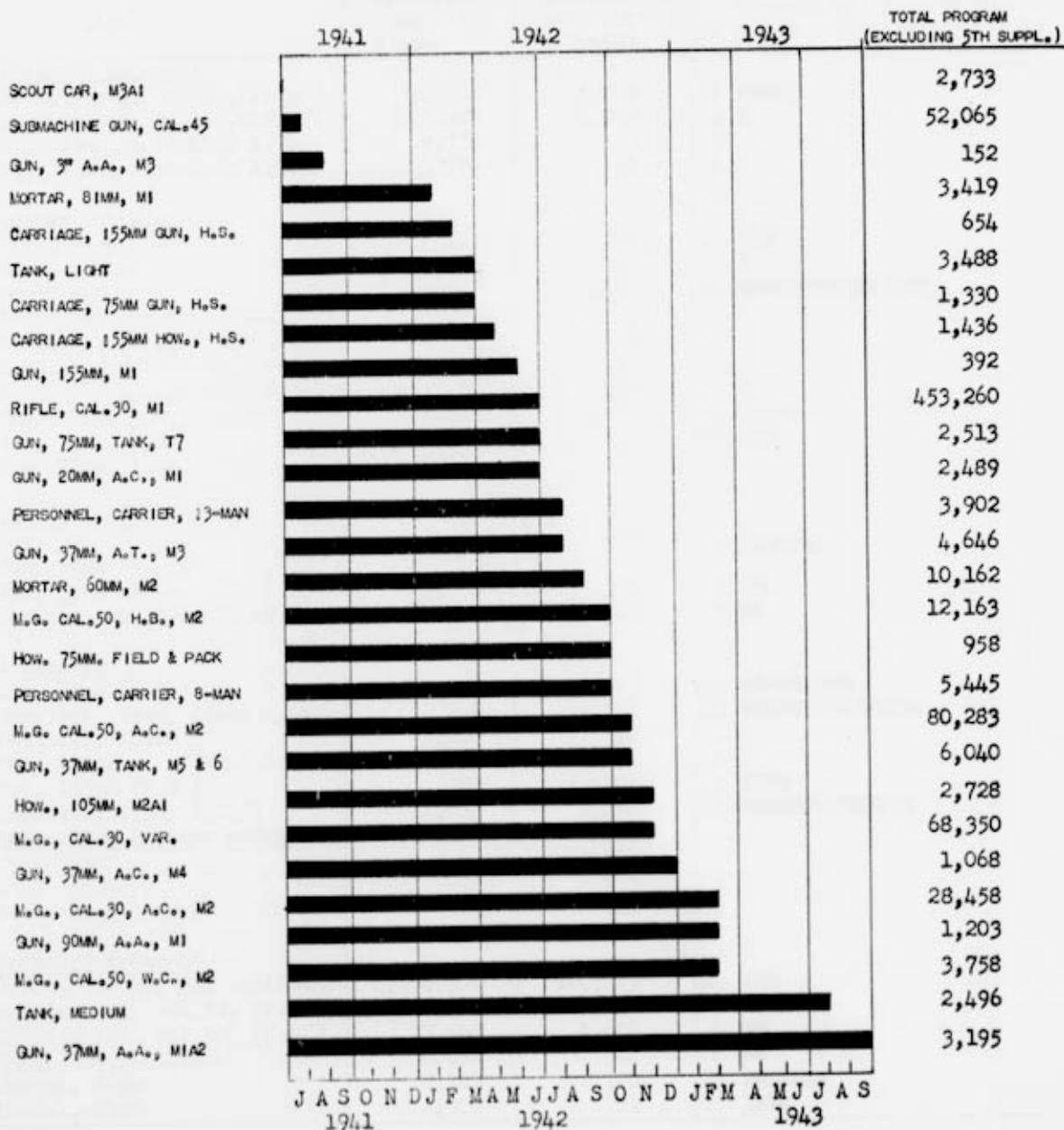
ϕ Delivered thru May 8.

* Partly tentative.

COMPARISON OF INDIVIDUAL COMPLETION DATES - APRIL 15, 1941

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

(BASIS: ACTUAL & ESTIMATED DELIVERY SCHEDULES)



TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - MAY 8, 1941

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

Item	Requirements 2,800,000 men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	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	45	1					
<u>Combat Vehicles</u>								
Tank, light	4,412	512	12					
Tank, medium	2,666	53	2					
Scout car	3,944	2,560	65					
Personnel carrier, 8-man	7,105	0	0					
Personnel carrier, 13-man	6,017	0	0					
Machine gun, cal.30, (Var.)	62,164a/	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 {	476)	27					
Gun, 90mm								
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	575	39					
Howitzer, 75mm, field & pack	258	161	62					
Howitzer, 105mm	3,200	21	1					
Gun, 155mm	751	4	1					
Gun, 155mm (H.S.)	903	144	16					
Howitzer, 155mm (H.S.)	1,783	1,060	59					
<u>Unmodified & other models</u>								
Gun, 75mm	---	2,931	-					
Gun, 155mm	---	825	-					
Howitzer, 155mm	---	989	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,260,314	162,423	13					
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	614	8					
Mortar, 60mm	7,567	2,100	28					
Mortar, 81mm	4,310	731	17					

a/ Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - APRIL 30, 1941

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

Item	Total procurement program (THOUSANDS)	Delivered thru April 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft & 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	1	21	21	-	-
Shot & shell, 20mm	4,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	0	59	59	-	-
Flares	748	115	35	35	15	15
Signals	2,057	424	27	27	21	21
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	0	20	20	0	0
Shell, 3" H.E.	2,215	67	51	51	3	3
Shell, 90mm, H.E.	2,761	0	45	45	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	40	86	86	3	3
Shell, g & s, 75mm gun	1,102	2	63	63	-	-
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	57	23	23	1	1
Shell, H.E., 155mm gun, M1	401	0	59	59	0	0
Charge, prop., 155mm gun	446	65	93	93	15	15
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	3,129	99	99	31	31
<u>Infantry</u>						
Cartridge, cal.30	2,943,242	303,980 ϕ	65	65*	10	10 ϕ
Links, met. belt, cal.30	1,003,322	73,868	42	42	7	7
Cartridge, cal.45	606,476	65,721	64	64	11	11
Cartridge, cal.50	858,219	38,407 ϕ	78	78*	4	4 ϕ
Links, met. belt, cal.50	2,445,802	31,947	26	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	82	12	12	3	3
Shell, smoke, 81mm	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	0	100	100	0	0
Signal, ground	3,215	155	51	51	5	5
Mine, antitank	2,050	0	2	2	0	0

* Partly tentative.

ϕ Delivered thru May 8.

NEW FACILITIES - PROGRESS AS OF APRIL 30, 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	-							55						
Flint	-							75						
Dayton	-							54						
Syracuse	-							59						
Savage Arms Company	-							36						
Colt (Machine Gun)	-							58						
Detroit Ord. Plant	93							65						
Disston & Sons	100							65						
Mesta Machine Co.	-							55						
Colt (37mm Gun)	-							46						
Bendix Aviation Corp.	90							95						

Facility	Location	Planned Capacity (Monthly)	Estimated Cost		Estimated Month	
			Total (thous)	% Obligated	Initial Production	Completion of Plant
<u>Machine Gun</u>						
General Motors Corp.	Saginaw, Mich.	1,680			(4-41)	*
	Flint, Mich.	2,100	\$20,251	81	(6-41)	12-41 *
	Dayton, Ohio	2,100			(6-41)	*
	Syracuse, N. Y.	840			(8-41)	*
Savage Arms Co.	Utica, N. Y.	3,200	16,717	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/Mo.	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	-	5-41	3-41

* Plant equipment only.

NEW FACILITIES - PROGRESS AS OF APRIL 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

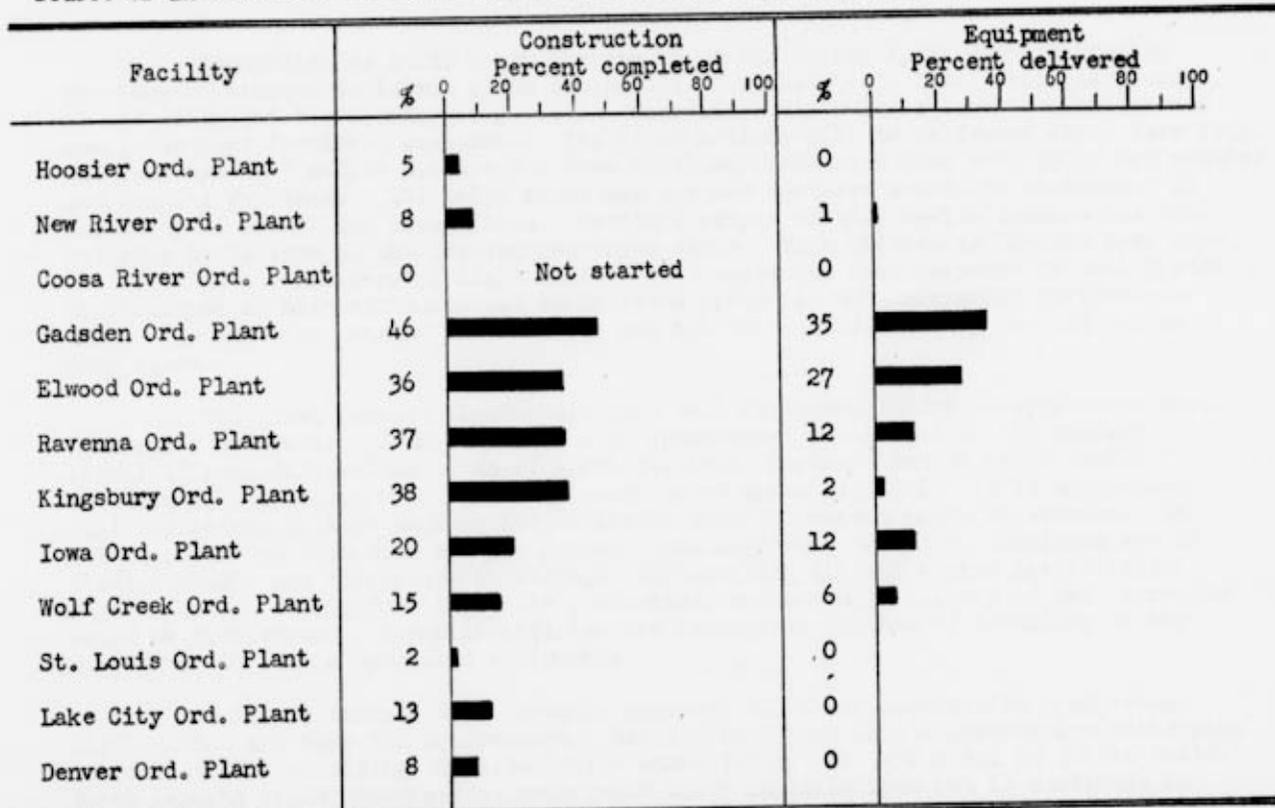
Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Radford Ord. Works	67						64						
Indiana Ord. Works	59						56						
Alabama Ord. Works	0	Not started					0						
Kankakee Ord. Works	29						33						
Weldon Spring Ord. Wks.	24						7						
Plum Brook Ord. Works	0	Not started					0						
Baytown Ord. Works	38						47						
Morgantown Ord. Works	14						11						
Ohio River Ord. Plant	-	No report					-	No report					
T. V. A.	-	No report					-	No report					

Facility	Location	Planned Capacity Monthly (thous-tons)	Estimated Cost		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	5-41	1-42
Alabama Ord. Works	Childersburg, Ala.	3.8	49,453	8	5-42	4-42
<u>T.N.T. & 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	9-41	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	2-42

* Gallons.

NEW FACILITIES - PROGRESS AS OF APRIL 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (thousands)	Estimated Cost		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	-	10-41
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. & 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	9-41	3-42
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	21,297	75	9-41	2-42
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	27,952	41	8-41	4-42

TEXT SUMMARY - AIRPLANE PROCUREMENT - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Production of B-17E heavy bombers by Boeing during April was affected by shortage of machine tools and plant equipment. Consolidated's B-24, which is overdue, is now at Wright Field undergoing tests. Consolidated's B-24A's lack both contractor and government furnished equipment. The first article will be delivered about June 1941. The last two B-25 medium bombers due from North American have been held up by bad weather and leaking gas tanks. Its B-25A model has not met contract schedules on account of necessity of installing armor plate. Martin's output of B-26 medium bombers has been retarded by failure of the landing gear nose strut. This difficulty has not been corrected to date. Delivery of light bombers by Douglas has been hampered by fuel system difficulties at high altitudes but an improved system is now undergoing performance tests. In addition, engine installation has not been satisfactorily carried out in many cases.

The final pursuit fighter due from Bell is scheduled for acceptance in May. Lockheed's deliveries of this type show no improvement on account of the company's organizational difficulties. As of April 30, 1941, Lockheed was 70 units behind schedule in comparison with 75 units behind as of March 31, 1941. It is understood that sufficient Allison engines are available should Lockheed begin to overcome its deficiency. Due from Bell are 139 pursuit interceptors. Seventeen fuselages are in final assembly and thirty are in storage, all awaiting Allison engine installation. Should Allison attain more favorable production, undoubtedly delivery of Bell pursuits would be accelerated. Republic articles are incomplete because of inability of the contractor to obtain hydraulic equipment.

Vultee officials have recently reviewed all their observation production difficulties and hope for improvement. Curtiss is behind in its observation deliveries on account of poor flying characteristics exhibited by its O-52 model in flight tests. Beech reports eight fuselages as undergoing minor installations but it continues to make very slow deliveries of its transports. Reconnaissance planes from Douglas are being held up to ascertain whether or not they will develop fuel system difficulties similar to those exhibited by Douglas' medium bombers.

Stearman's shortage of 25 units will be overcome shortly. Ryan continues badly behind schedule. It reports 19 trainers as completed, awaiting propellers but even the acceptance of these units would hardly overcome its deficiency of 150 air-planes. Vultee's basic trainer production is retarded by a critical shortage of fuel pumps. Production of advance trainers by Curtiss is hampered by temporary use of plaster models in place of steel jigs and fixtures which are not ready or satisfactory for production use. Beech's first AT-10 advance trainer is undergoing flight test and a new wing design is being worked out for a revised model. Its production of AT-11's is held up by engineering and tooling difficulties.

AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Boeing, B-17C		10
Boeing, B-17E	5	
Consolidated, B-24	1	
Consolidated, B-24A	3	
<u>Medium Bomber</u>		
North American, B-25		2
North American, B-25A	19	
Martin, B-26	52	
<u>Light Bomber</u>		
Douglas, A-20	20	
Douglas, A-20A		2
Douglas, A-24	8	
<u>Pursuit, Fighter</u>		
Bell, FM-1A		1
Lockheed, P-38	34	
Lockheed, P-38D	36	
<u>Pursuit, Interceptor</u>		
Bell, P-39D	139	
Curtiss, P-40B		1
Curtiss, P-40C		85
Curtiss, P-40D		2
Republic, P-43	54	
Republic, P-43A		10
<u>Observation</u>		
Vultee, O-49	56	
Bellanca, O-50		1
Curtiss, O-52	58	
<u>Transport</u>		
Beech, C-45A		9
<u>Reconnaissance</u>		
Douglas, F-3		3
<u>Primary Trainer</u>		
Stearman, PT-13B, PT-17, PT-18		170
Stearman, PT-17	25	
Fairchild, PT-19A		42
Ryan, PT-21	100	
Ryan, PT-22	50	
<u>Basic Trainer</u>		
Vultee, BT-13A, BT-15	55	
<u>Advance Trainer, 1 Engine</u>		
North American, AT-6A		57
<u>Advance Trainer, 2 Engine</u>		
Beech, AT-7		6
Cessna, AT-8		14
Curtiss, AT-9	42	
Beech, AT-10		29
Beech, AT-11	42	

TEXT SUMMARY - AIRPLANE ENGINE PROCUREMENT - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Wright engines for medium bombers are still delayed by lack of magnesium castings and by slow progress being made in equipping new manufacturing facilities.

Wright engines for light bombers have also been delayed by slow receipt of magnesium castings and difficulty in equipping new manufacturing facilities. In addition, delivery of engines for A-20B's has been affected by priority being given for delivery of a similar engine to the British under authority of the Defense Commission under date of December 26, 1940.

Allison engines for pursuit fighters and pursuit interceptors are overdue on account of slow receipt of production tools and fixtures which, even when received, are subject to normal manufacturing difficulty in proving. Concentration on machine parts and building the V-1710-35 type primarily for British installation requirements has caused a drop in total production of these engines. Likewise, there have been delays resulting from changes in design of the hydraulic dampener and reduction gear assemblies of the V-1710 type. In spite of its generally poor past record, Allison anticipates more favorable production during May. Engine production by Packard for pursuits has not gotten under way as favorably as was anticipated on account of lack of machine tools and gauging equipment. A request has been made to advance priority on machine tools for Packard. New buildings being constructed by Packard, however, are nearing completion and this, at least, is favorable.

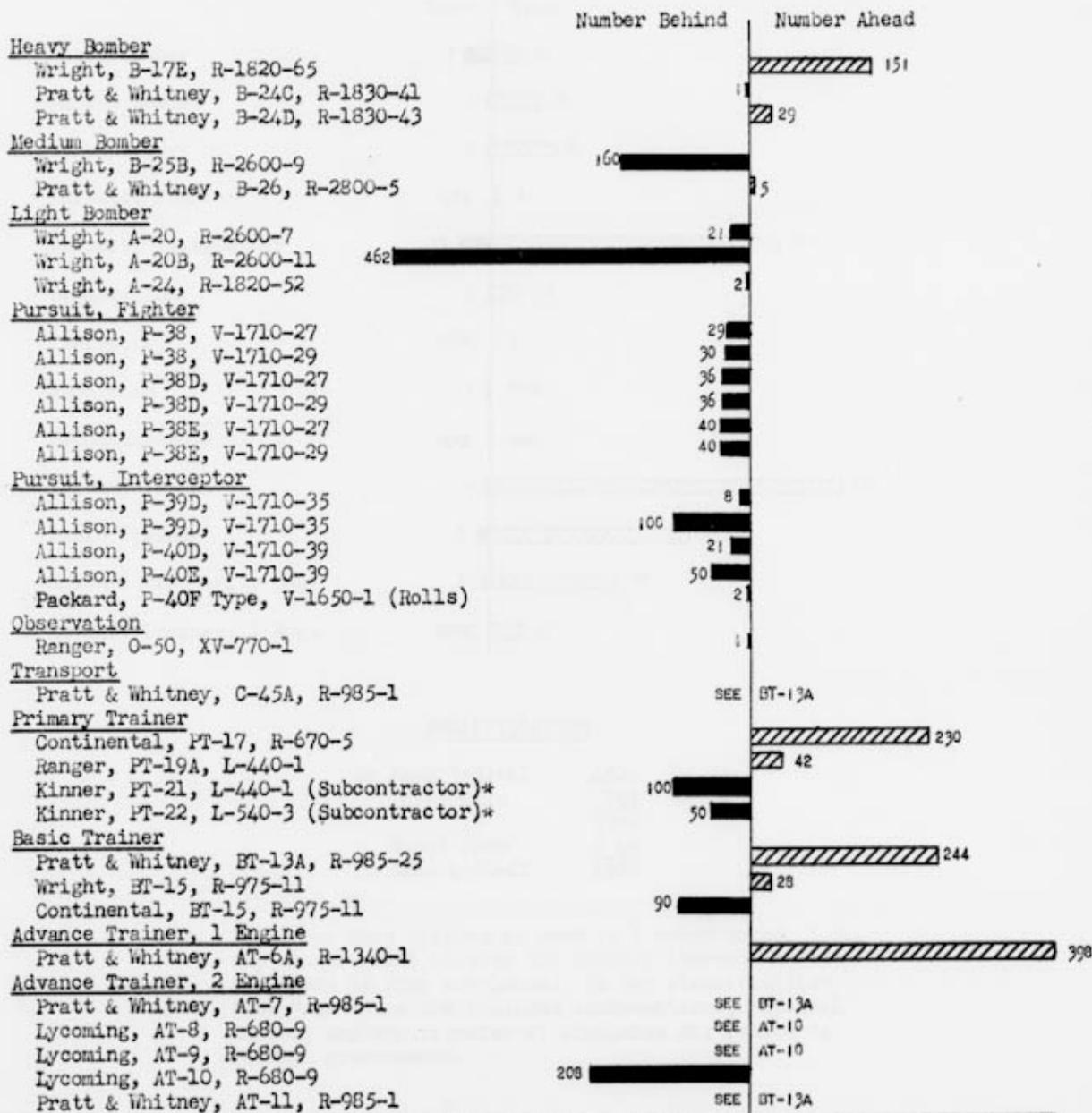
In spite of satisfactory production of Kinner engines for Ryan primary trainers, these engines are accepted by the Army only as a component of the completed Ryan trainer. Ryan currently reports propeller shortage as its bottleneck, but it has also had innumerable manufacturing difficulties. Ryan's first article is now at Wright Field for final flight test.

Continental's delinquencies on basic trainer engines have been caused by shortage of machine tools.

Lycoming reports it would have no difficulty in production of advance trainer engines if it could obtain sufficient magnesium castings for machining.

AIRPLANE ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - APRIL 30, 1941

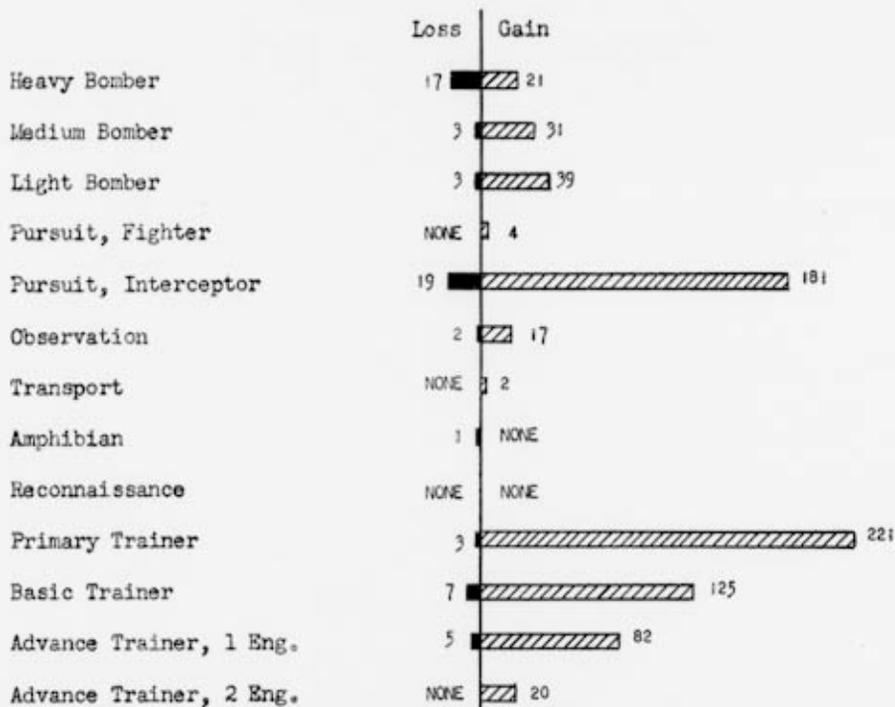
Source of Information: Consolidated Statistical Report - Air Corps



* DELAY DUE TO SLOW DELIVERY OF RYAN AIRPLANES.

PROJECT AIRPLANES - GAINS AND LOSSES - APRIL 1-30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



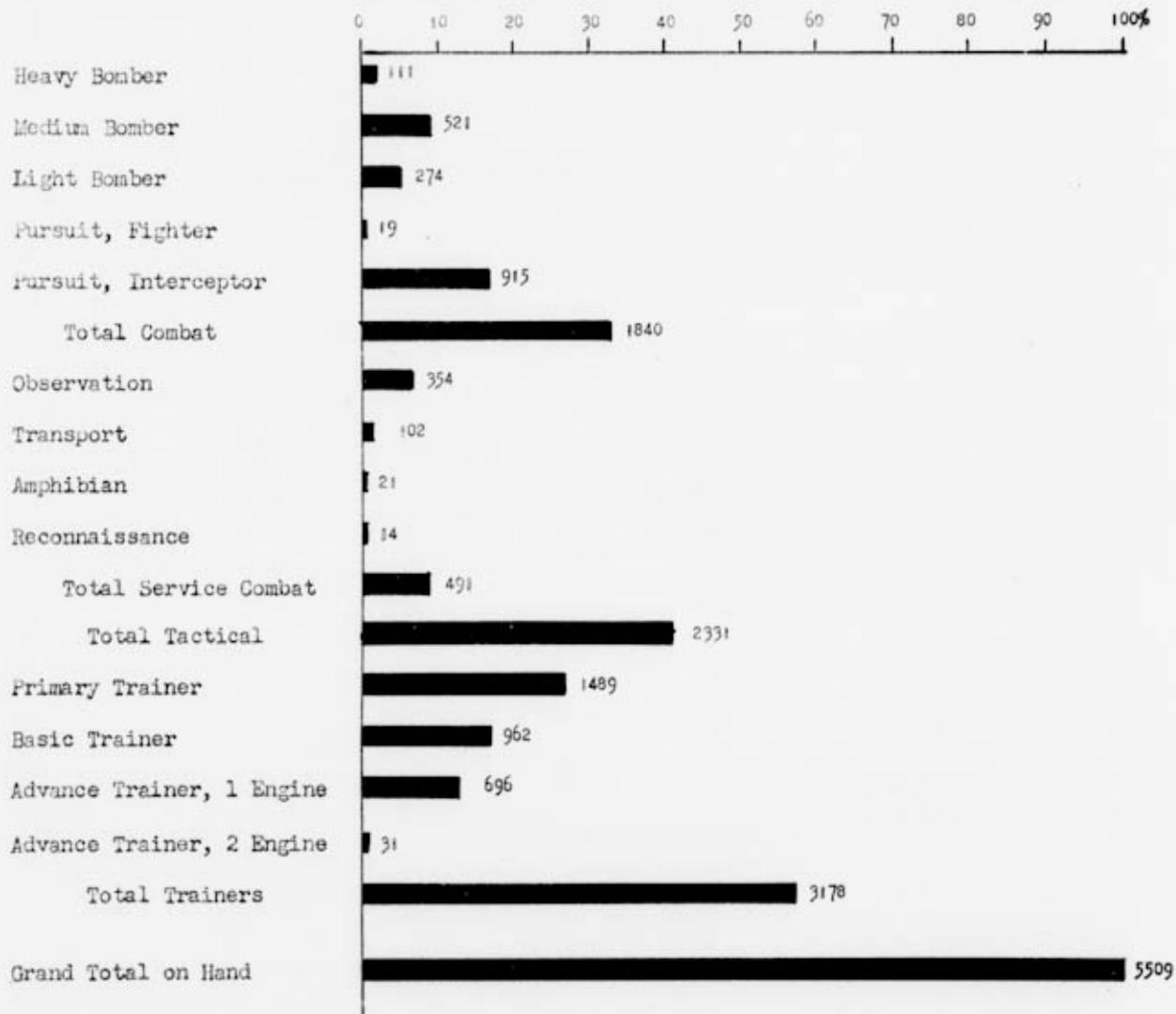
RECAPITULATION

On Hand 3-31-41	4826
Total Gain	743
	<u>5569</u>
Total Loss	<u>60</u>
On Hand 4-30-41	5509

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 - APRIL 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



There was a net gain of 683 project airplanes during the month of April which raised the on hand figure of 4826, as of March 31, 1941, to 5509. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes. Included in the 915 pursuit interceptors on hand are 36 P-40C's without propellers.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - MAY 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 5/8/41	Pending (less awards)		Proposed 12,000 program (b)
					F.Y. 1941 "B" programs	10,375 Fifth Supp.	
<u>Airplanes</u>							
Heavy bomber	2,246	1,046	46.6	81	-	1,200	800
Medium bomber	4,616	2,216	48	105	-	2,400	1,200
Light bomber	1,382	1,382	100	130	-	-	1,000
Pursuit, fighter	709	709	100	18	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	651	-	-	4,850
Observation	1,308	1,308	100	33	-	-	-
Transport	1,055	790	74.9	25	-	265	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	15,801	11,936	75.5	1,057	-	3,865	9,240
Primary trainer	5,040	3,540	70.2	1,390	-	1,500	900
Basic trainer	5,051	3,051	60.4	796	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	412	-	1,000	360
Adv. trainer, 2-eng.	3,082	1,082	35.1	34	-	2,000	600
Total Trainer	16,470	9,970	60.5	2,632	-	6,500	2,760
Grand Total	32,271	21,906	67.9	3,689	-	10,365	12,000
<u>Engines</u>							
Heavy bomber	8,988	4,188	46.6	821	-	4,800	3,200
Medium bomber	9,232	4,432	48	511	-	4,800	2,400
Light bomber	2,576	2,436	94.6	466	140	-	2,000
Pursuit, fighter	1,420	1,394	98.2	53	26	-	2,300
Pursuit, interceptor	4,394	4,340	98.8	670	54	-	4,850
Observation	2,083	1,901	91.3	350	182	-	-
Transport	2,130	1,590	74.6	84	-	540	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	31,005	20,463	66	2,989	402	10,140	15,230
Primary trainer	5,040	3,540	70.2	1,825	-	1,500	900
Basic trainer	5,051	3,051	60.4	1,029	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	804	-	1,000	360
Adv. trainer, 2-eng.	6,164	2,164	35.1	636	-	4,000	1,200
Total Trainer	19,552	11,052	56.5	4,294	-	8,500	3,360
Grand Total	50,557	31,515	62.3	7,283	402	18,640	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 8, 1941

Source of Information: Statistics Branch, OCMG

GENERAL -- As of April 30, 1941, contract awards have been made on 129 of 134 critical and essential quartermaster items. Of the total programs of the 129 items, an average of eighty-seven percent has been contracted and an average of seventy-one percent has been procured; the latter figure includes transfers from CCC stocks. From a fiscal standpoint 87% has been contracted, 4% transferred from CCC; 3% is on directive and 6% remains to be procured. Contracts awarded during the week ended May 3, 1941 amounted to 8 million, of which 2 million were for clothing and equipage, and 5 million for new construction of military posts.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended April 30, 1941 include:

Bag, field, canvas, o.d.	Pouch, first-aid packet
Cloth, cotton, twill, tentage	Socks, cotton, tan
Coat, B. & C.	Suit, wkg., 1 pc. HBT & denim
Coat, woolen, serge	Tag, identification
Headnet, mosquito	Trousers, B. & C.
Helmet, fibre, cloth-covered	Trousers, cotton, khaki
Netting, mosquito	Trousers, fireman

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

DELIVERIES -- During the quarter-monthly period ended April 30, 1941, deliveries were effected on all but 45 of the 134 items; of these, 12 items have been completely procured; 10 are on schedule; 9 have no current schedule; 14 are behind schedule, including the following critical items:

Belt, cartridge, mtd.	Tent, storage
Suspenders, belt, M-36	

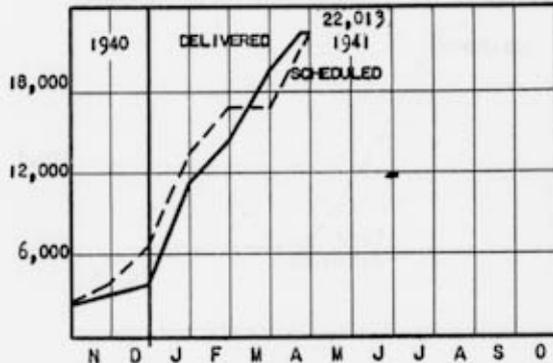
SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 65 are on or ahead of schedule; 8 have no current schedule; 61 are behind schedule. Items currently more than 20% delinquent and also behind March 31st schedules are:

Chest, supply, pack	(84%)	Tent, assembly	(34%)
Bag, canteen	(64%)	Goggles	(30%)
Can, milk	(54%)	Bag, money, leather	(29%)
Scabbard, subMG, cal.45	(54%)	Cloth, cotton, w/w res.	(29%)
Tent, storage	(46%)	Saddle, Phillips, cargo	(23%)

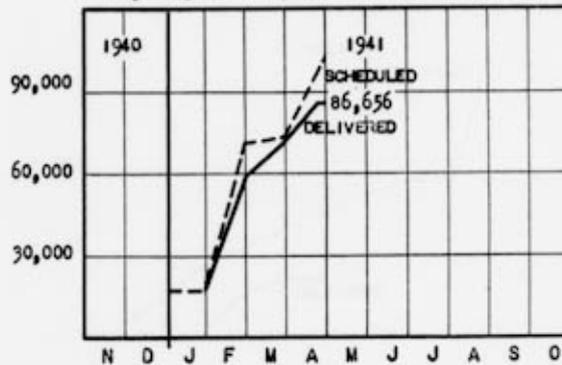
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 30, 1941

Source of Information: Statistics Branch, OQMG

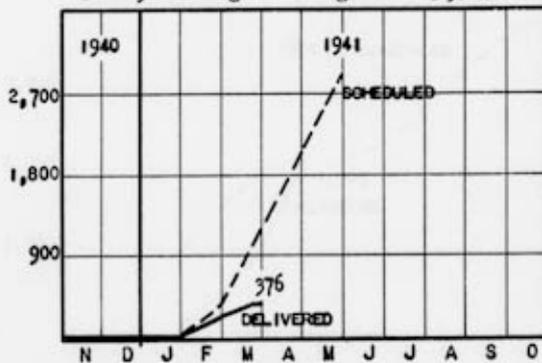
Bag, water, sterilizing. Program-25,754



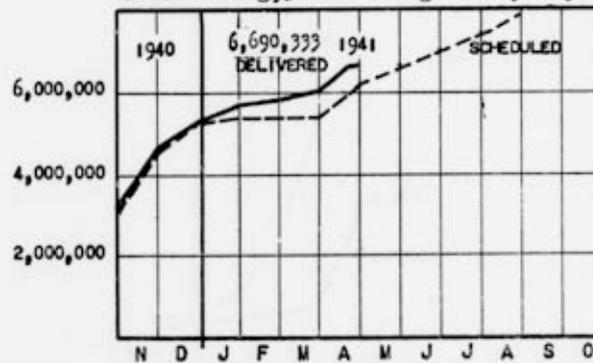
Belt, suspenders, M36. Program-106,256



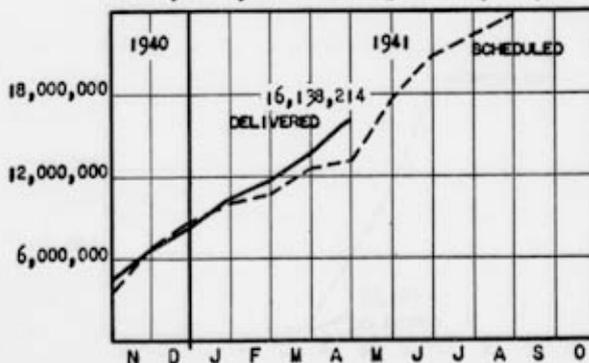
Tent, storage. Program - 3,543



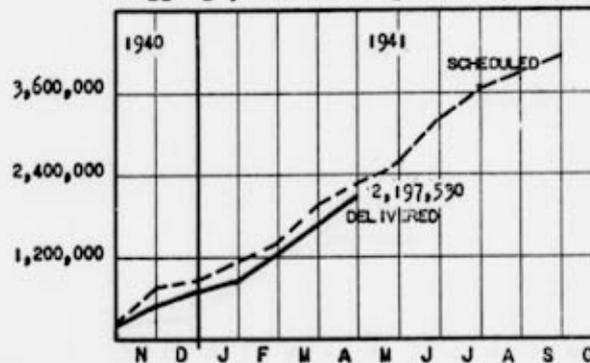
Overcoating, 32 oz. Program- 7,872,942



Cloth, wool, 18 oz. Program-23,687,266



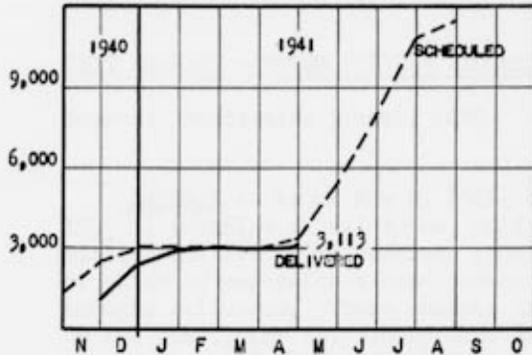
Leggings, dismt'd. Program - 4,139,743



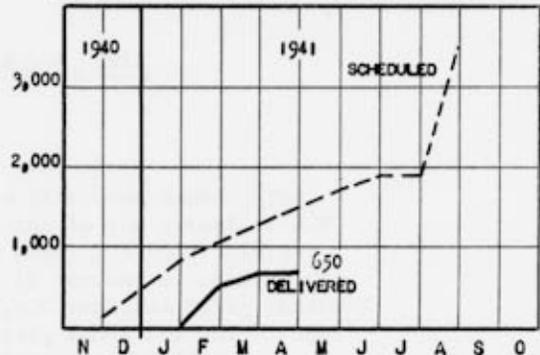
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 30, 1941

Source of Information: Statistics Branch, OCMG

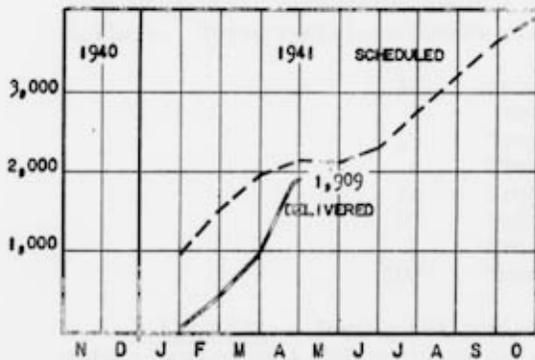
Range, field, M1937. Program - 11,438



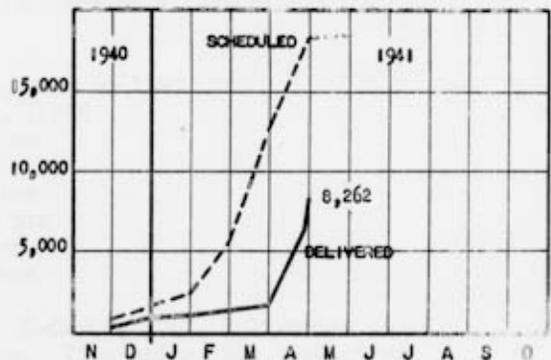
Saddle, Phillips, pack. Program-3,500



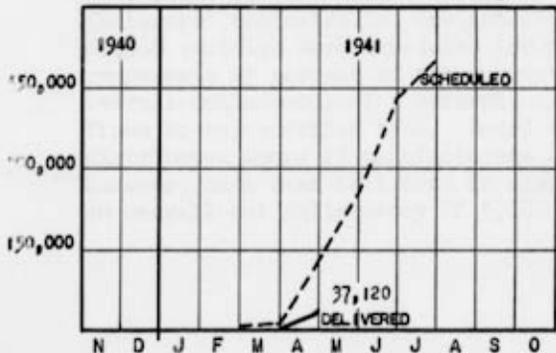
Saddle, Cavalry. Program - 5,828



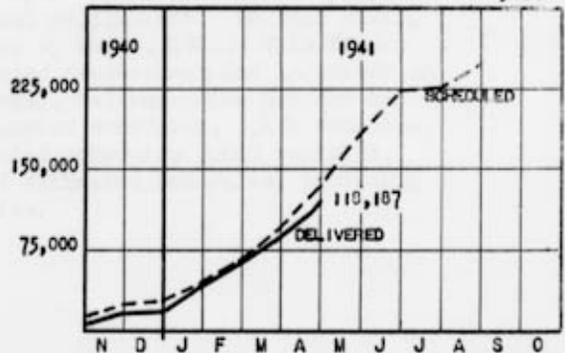
Scabbard, subMG, cal.45. Program-18,338



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



Tent, pyramidal. Program - 382,853



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - May 8, 1941

Source: Statistics Branch, OCMG

GENERAL -- As of May 8, 1941, contracts have been awarded for 174,561 vehicles of all types, obligating funds to the extent of 225 million dollars. The combined programs now total 175,956 vehicles, of which 99 percent has been contracted and 46 percent of contracted amounts delivered. These amounts include 7,408 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 178 vehicles at a cost of 813,092 dollars. These vehicles consist of:

19	Ambulances, metropolitan
5	Ambulances, field
19	Trucks, $\frac{1}{2}$ ton
4	Trucks, $\frac{3}{4}$ ton
10	Trucks, 1 ton
20	Trucks, $1\frac{1}{2}$ ton
1	Truck, 5 ton
100	Trucks, 6 ton

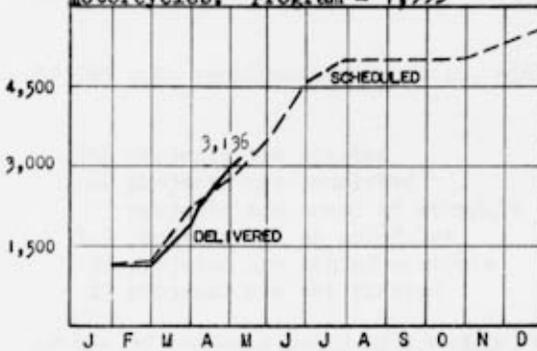
DELIVERIES -- During the period April 30-May 8, 1941, deliveries were reported on 4,888 vehicles of all types. This brings the cumulative delivery figure to 79,946, or 45 percent of the combined programs.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 85,368 vehicles were scheduled for delivery by May 8, 1941. This figure represents 49 percent of the current proposed procurement and indicates an overall delinquency of 4 percent. In general, delinquencies are not confined to any specific type. Based on estimated schedules, 8,482 vehicles, distributed among 17 manufacturers are behind schedule; 3,060 vehicles, however, have been delivered in advance of estimated schedules, producing an overall net delinquency of 5,422 vehicles.

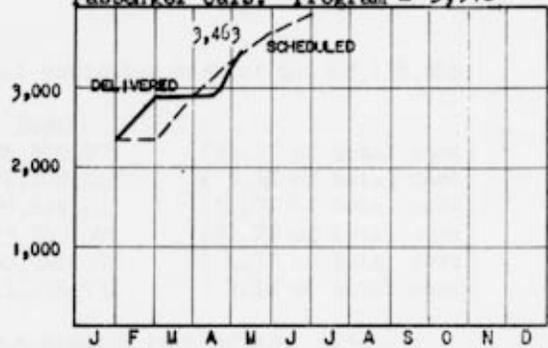
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - MAY 8, 1941

Source of Information: Statistics Branch, OQMG

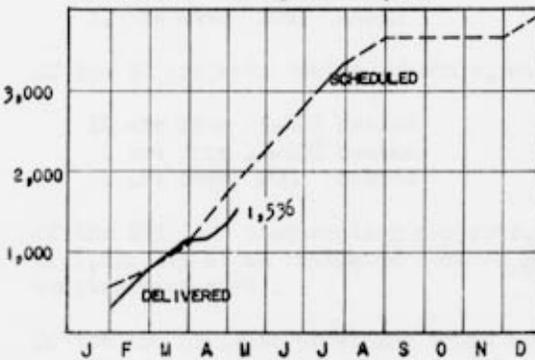
Motorcycles. Program - 7,993



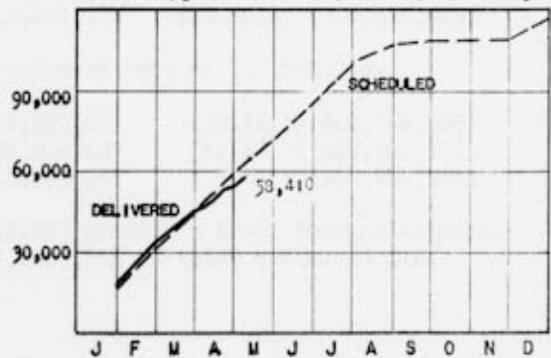
Passenger Cars. Program - 3,978



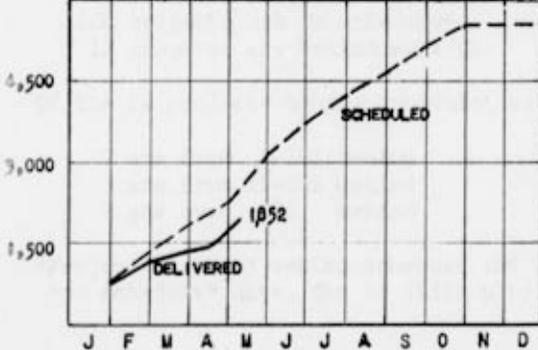
Ambulances. Program - 4,089



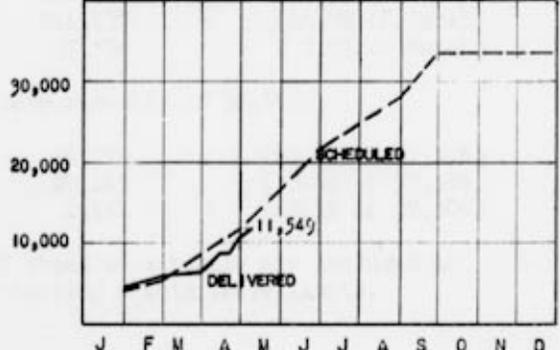
Trucks (1/2-3 ton incl). Program-120,262



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



Trailers, Semi-Trailers. Program-33,882



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - APRIL 26, 1941

Source: Statistics Branch, OCMG - OUSW

Of 285 Q.M. construction projects, with a total estimated cost of \$1,348,136,906:

	Cost	
266 projects are started	\$1,306,860,975	(96.9% of total cost)
60 projects are completed	71,428,443	(5.3% of total cost)
35 projects are ahead of schedule	200,625,623	(14.9% of total cost)
149 projects are on schedule*	973,860,004	(72.2% of total cost)
22 projects are behind schedule	60,946,905	(4.5% of total cost)
19 projects are not started	41,275,931	(3.1% of total cost)

Of the 35 projects ahead of schedule, with an estimated cost of \$200,625,623:

13 are from 5-10% ahead	\$57,446,364	(28.6% of \$200,625,623)
11 are from 11-20% ahead	99,557,505	(49.6% of \$200,625,623)
11 are over 20% ahead	43,621,754	(21.8% of \$200,625,623)

Of the 22 projects behind schedule, with an estimated cost of \$60,946,905:

14 are from 5-10% behind	\$19,572,821	(32.1% of \$60,946,905)
4 are from 11-20% behind	37,868,687	(62.1% of \$60,946,905)
4 are over 20% behind	3,505,397	(5.8% of \$60,946,905)

Of the 285 Q.M. construction projects, 196 (68.8%) provide a troop housing capacity of 1,272,235 at an estimated cost of \$797,501,608 (59% of total estimated Q.M. construction cost).

Of the 196 projects providing troop housing:

	Capacity	
194 projects are started	1,272,235	(99.9% of total)
54 projects are completed	213,398	(16.8% of total)
24 projects are ahead of schedule	206,764	(16.3% of total)
104 projects are on schedule*	814,477	(64.0% of total)
12 projects are behind schedule	37,596	(2.9% of total)

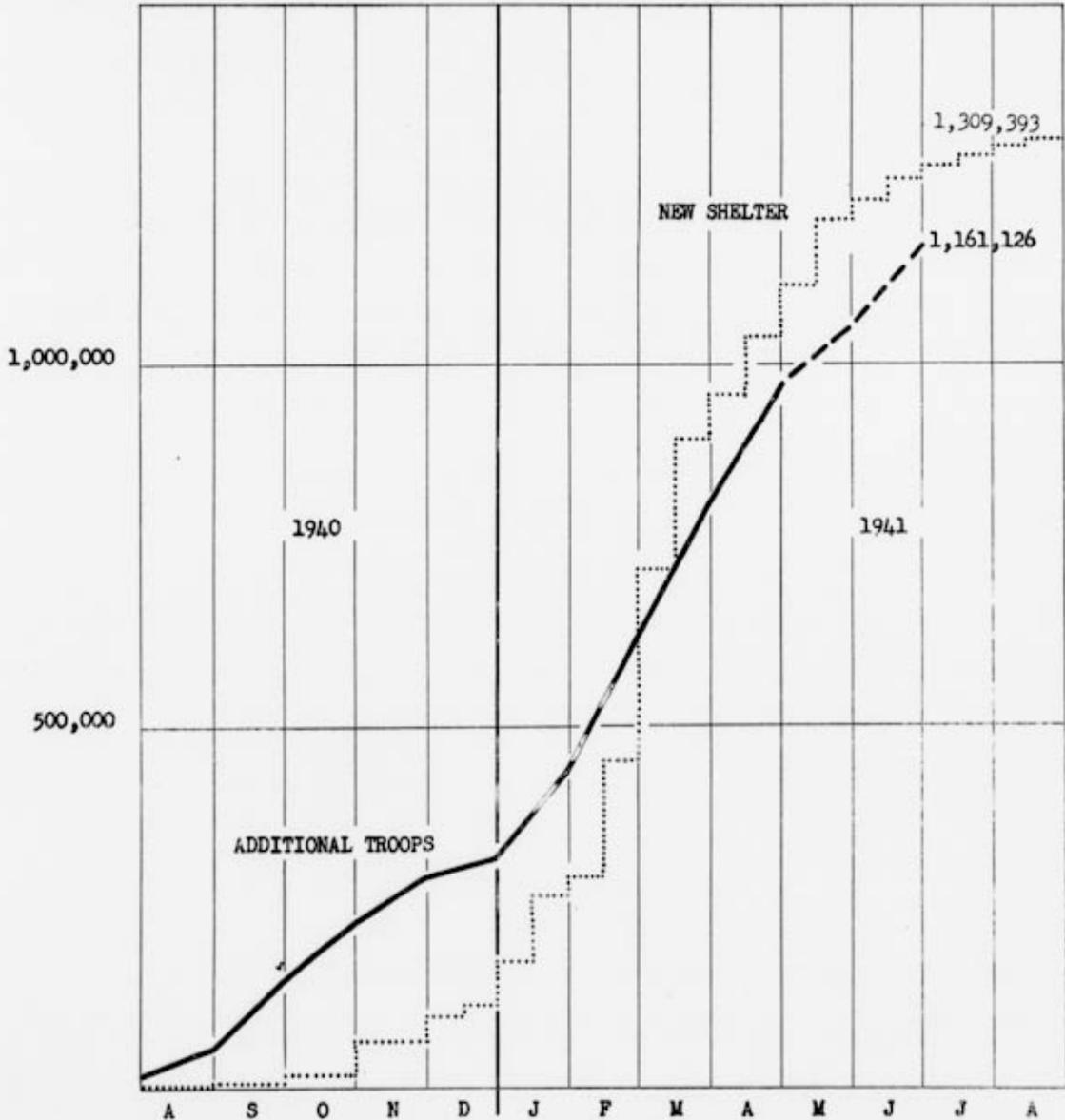
Of the 12 projects behind schedule, with a troop capacity of 37,596:

7 are from 5-10% behind	16,278	(43.3% of 37,596)
3 are from 11-20% behind	20,167	(53.6% of 37,596)
2 are over 20% behind	1,151	(3.1% of 37,596)

*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 3, 1941

Source of Information: Construction Division, OQMG - Statistics Branch, O.U.S.W.



* Includes projects to be completed by Corps of Engineers

Quartermaster Corps

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - GROUND - MAY 10, 1941

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

GENERAL -- Changes on the Fifth Supplemental program for ground equipment, approved April 30, have been incorporated in program figures referred to in this report.

An Index, representing the fiscal status of the F.Y. 1941 procurement program, excluding the recently approved Fifth Supplemental program, appears on the following page of this report. This index should not be utilized for any other purpose. It does not, for example, purport to show the status of procurement of complete items of signal equipment for issue to combat organizations.

LABOR DIFFICULTIES - The strike at the plant of Allen D. Cardwell, Brooklyn, New York, which began on April 2, is still in progress. This strike is the only one which is seriously interfering with Signal Corps procurement. C.I.C. employees of Feiner & Sons, New York went on strike May 2. This company is a subcontractor for the Signal Corps, supplying mountings and antenna for radio equipment.

NEW CONTRACTS - None.

COMPLETED CONTRACTS - The following contracts were completed during the past week:-

1050 Test set I-56
494 Reel unit RL-26-A

DELIVERIES - Deliveries of critical items of Signal Corps equipment for ground troops, this week, included:-

494 Chest BC-5	83 Telegraph set TG-5-A
60 Frequency meter set SCR-211	2,148 Telephone EE-8-A
338 Head & chest set HS-19	40 Test set EE-65
2,250 Microphone T-30	50 Test set I-56
2 Radio set SCR-206	41 Theodolite ML-47
6 Radio set SCR-268	918 (miles) Wire W-110-B
34 Reel unit RL-26-A	

DELINQUENCIES - The following critical items of Signal Corps ground equipment under procurement are behind scheduled deliveries:

<u>Quantity delinquent</u>	<u>Item</u>	<u>Quantity delinquent</u>	<u>Item</u>
1,145,000 (ft.)	Cable, submarine mine	18	Radio set SCR-206
255	Charging set SCR-169	a/979	Radio set SCR-245
866	Frequency meter set SCR-211	36	Radio set SCR-268
360	Interphone equipment RC-48	30	Radio set SCR-270
a/ 275	Radio set SCR-131	12	Radio set SCR-271
a/ 75	Radio set SCR-171	66	Radio set SCR-288
b/ 232	Radio set SCR-178	352	Reel cart RL-16
84	Radio set SCR-193	177	Reel unit RL-26-A
c/ 414	Radio set SCR-194	139	Test set EE-65

a/ Quantities delinquent are awaiting delivery of minor accessories. b/ 417 awaiting delivery of Insulator IN-85. c/ 2478 awaiting delivery of Microphone T-24.

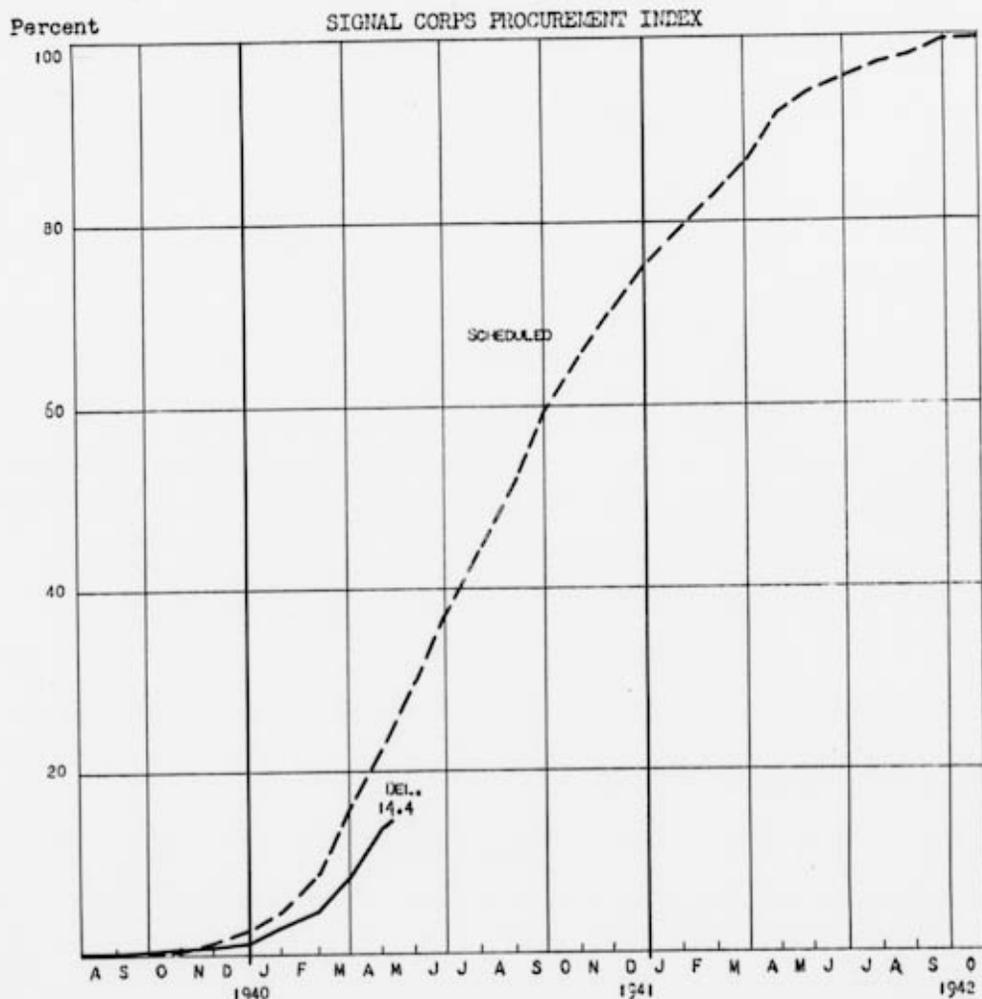
INDEX OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - MAY 10, 1941

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

Index shows the status of the Signal Corps procurement programs, F.Y. 1941 excluding the recently approved Fifth Supplemental program.

Figures are based upon the scheduled and actual deliveries of one hundred critical components and items of ground and aircraft signal equipment which are weighted according to estimated unit cost.

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



STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - GROUND EQUIPMENT - MAY 10, 1941

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

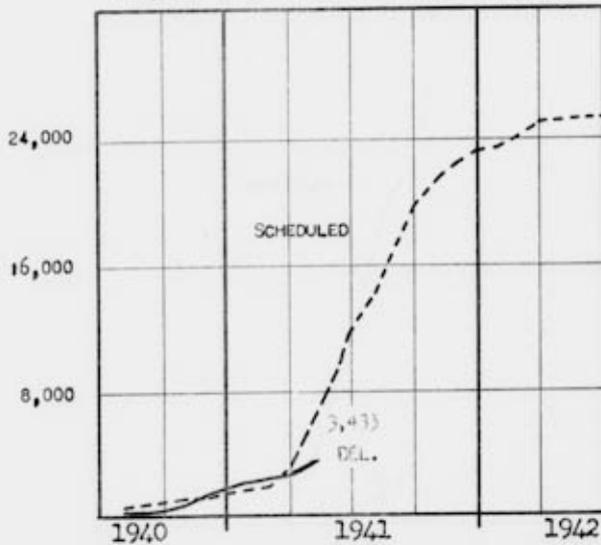
Diagram presents an overall picture of the present status of the F.Y. 1941 procurement program only. In the interest of simplicity, only those items upon which quantities are due or have been delivered are included.

Item	Due	Delivered	% Behind schedule					% Ahead of schedule				
			100	80	60	40	20	0	20	40	60	80
Radio sets - Ground	3,727	1,583	[Bar chart showing delivery progress for radio sets]									
SCR-131	275	0	[Bar chart showing 0% delivery]									
SCR-171	75	0	[Bar chart showing 0% delivery]									
SCR-178	250	18	[Bar chart showing ~7% delivery]									
SCR-193	99	15	[Bar chart showing ~15% delivery]									
SCR-194	744	330	[Bar chart showing ~44% delivery]									
SCR-195	732	800	[Bar chart showing ~109% delivery]									
SCR-206	9	0	[Bar chart showing 0% delivery]									
SCR-244	154	154	[Bar chart showing 100% delivery]									
SCR-245	1,101	122	[Bar chart showing ~11% delivery]									
SCR-268	62	26	[Bar chart showing ~42% delivery]									
SCR-270	30	0	[Bar chart showing 0% delivery]									
SCR-271	21	9	[Bar chart showing ~43% delivery]									
SCR-288	175	109	[Bar chart showing ~62% delivery]									
Charging set SCR-169	600	345	[Bar chart showing ~58% delivery]									
Chest BC-5	12,000	13,498	[Bar chart showing ~112% delivery]									
Coil C-114	1,000	2,800	[Bar chart showing 280% delivery]									
Coil C-161	3,500	7,321	[Bar chart showing 209% delivery]									
Frequency meter set SCR-211	1,264	398	[Bar chart showing ~31% delivery]									
Head & chest set HS-19	19,898	21,075	[Bar chart showing ~106% delivery]									
Interphones (vehicular)	360	0	[Bar chart showing 0% delivery]									
Microphone T-30	2,250	2,250	[Bar chart showing 100% delivery]									
Reel cart RL-16	352	0	[Bar chart showing 0% delivery]									
Reel unit RL-26-A	1,700	1,523	[Bar chart showing ~89% delivery]									
Reel unit RL-31	5,809	5,809	[Bar chart showing 100% delivery]									
Telegraph set TG-5	900	1,729	[Bar chart showing ~192% delivery]									
Telephone EE-8	20,250	29,421	[Bar chart showing ~145% delivery]									
Test set EE-65	1,064	925	[Bar chart showing ~87% delivery]									
Test set I-56	1,000	1,050	[Bar chart showing ~105% delivery]									
Theodolite ML-47	143	163	[Bar chart showing ~114% delivery]									
Wire W-110-B (miles)	54,498	62,153	[Bar chart showing ~114% delivery]									

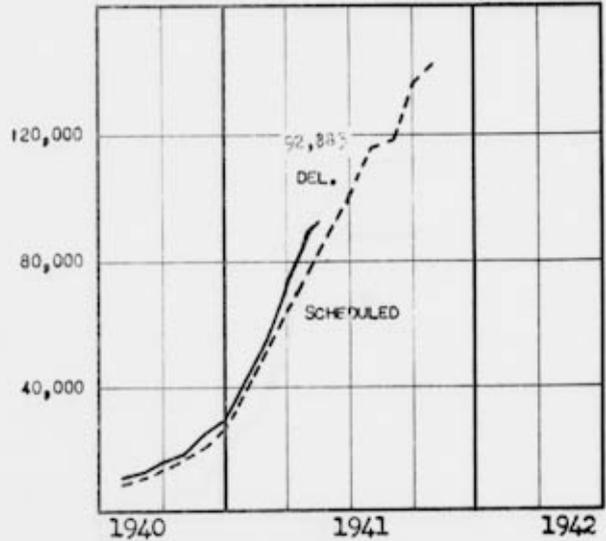
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF May 10, 1941

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

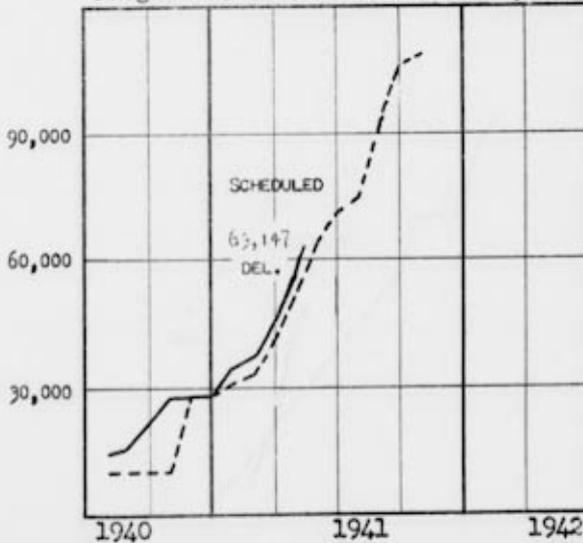
Radio Set
Program F.Y. 1940 & 1941 - 40,275



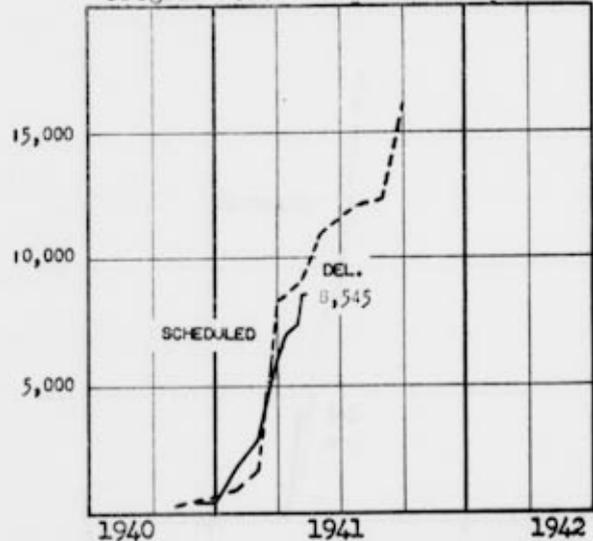
Wire W-110-B
Program F.Y. 1940 & 1941 - 143,910 (miles)



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



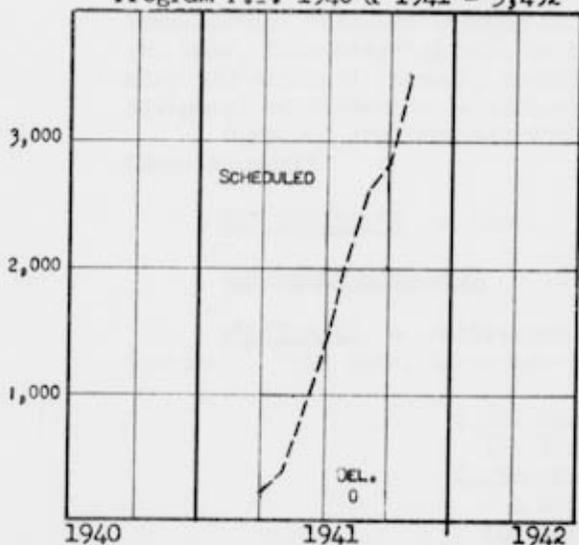
Reel Unit
Program F.Y. 1940 & 1941 - 23,086



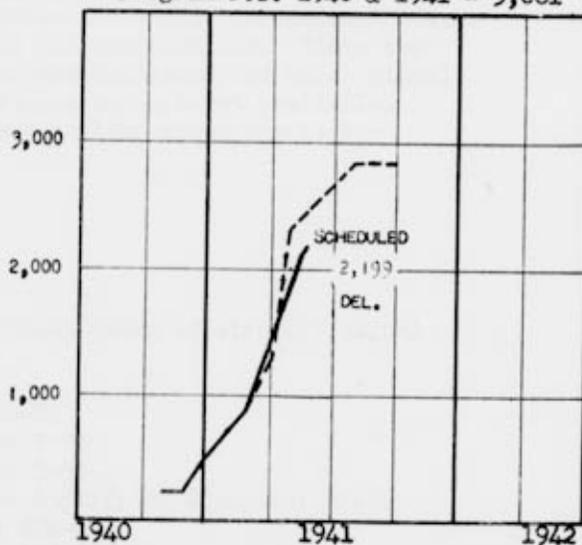
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF May 10, 1941

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

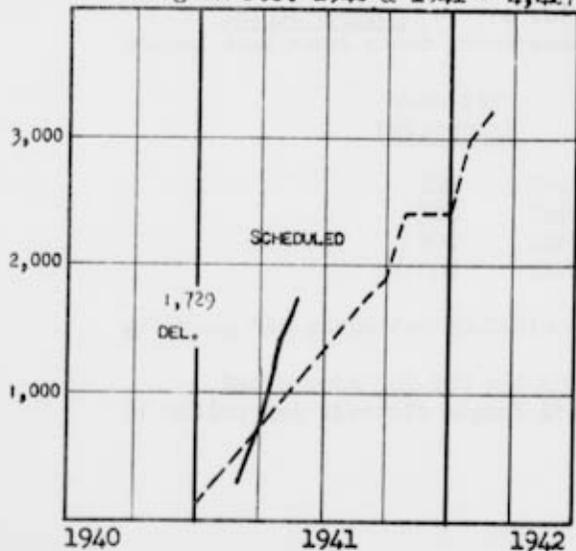
Interphones (Vehicular)
Program F.Y. 1940 & 1941 - 3,492



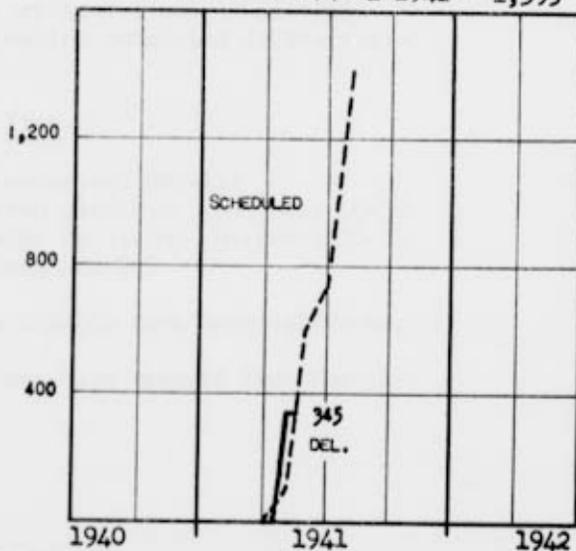
Test Set
Program F.Y. 1940 & 1941 - 5,061



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



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



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - AIRCRAFT - MAY 10, 1941

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

GENERAL - Diagrams on pages 37 and 38 of this report do not include requirements or schedules pertaining to 10,375 aircraft and quantities of aircraft equipment approved for procurement under the Fifth Supplemental National Defense Appropriation Act 1941. As contract awards are made, this material will be added to the computations. There are also 533 aircraft recently contracted or requisitioned for which signal equipment requirements or delivery schedules are not yet available.

Computed requirements shown do not include requirements for these aircraft.

NEW CONTRACTS - None.

COMPLETED CONTRACTS - None.

DELIVERIES -- Deliveries of critical items of aircraft signal equipment, this week, included:-

2,500 Headset HS-23
167 Microphone T-20
2,250 Microphone T-30
61 Microphone Amplifying Equipment RC-19
100 Radio set SCR-183
22 Radio set SCR-187
5 Radio set SCR-238

DELINQUENCIES -- The following critical items of aircraft signal equipment under procurement are behind scheduled deliveries:-

<u>Quantity delinquent</u>	<u>Item</u>
192	Frequency meter set SCR-211
320	Marker beacon receiving equipment RC-39
900	Marker beacon receiving equipment RC-43
a/ 200	Radio compass SCR-263

a/ Group "A" parts for 10 Radio compass SCR-263 have been delivered.

Radio sets SCR-187 and SCR-238 have been removed from the list of delinquent aircraft signal items.

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AIRCRAFT - MAY 10, 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	Delivered	% Behind schedule					% Ahead of schedule						
			100	80	60	40	20	0	20	40	60	80	100	
Radio sets - Aircraft	3,284	3,680												
SCR-183	1,212	1,500												
SCR-187	14	35												
SCR-238	13	13												
SCR-283	2,000	2,000												
SCR-287	45	132												
Radio compass SCR-263	200	0												
Filter equipment RC-32	4,128	10,750												
Frequency meter set														
SCR-211	214	22												
Headset HS-23	13,300	28,500												
Interphones - Aircraft	2,141	2,256												
RC-27	1,035	1,150												
RC-36	734	734												
RC-51	372	372												
Marker beacon receiving equipment	1,570	350												
RC-39	320	0												
RC-43	1,250	350												
Microphone T-20	2,250	3,110												
Microphone T-30	2,250	2,250												
Microphone amplifying equip. RC-19	1,500	2,450												

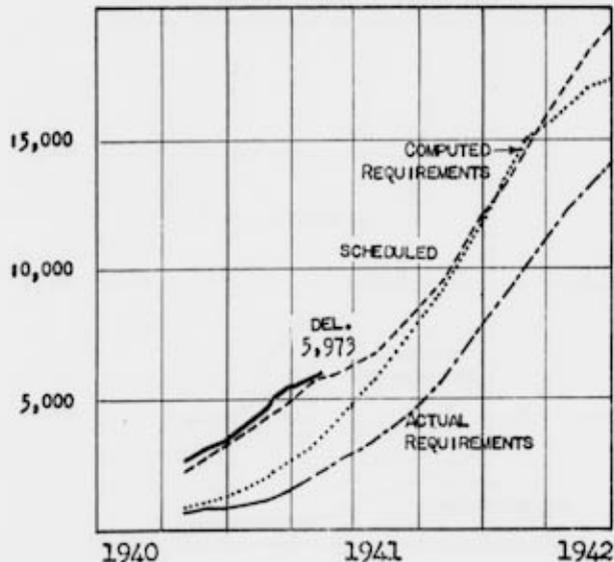
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - MAY 10, 1941

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

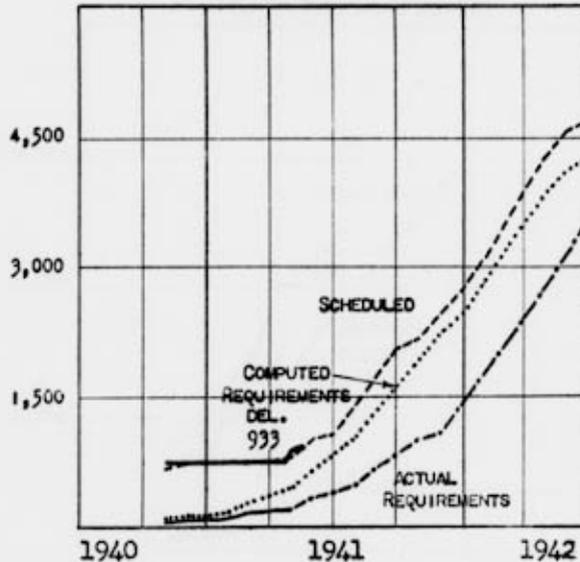
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS SHOWN ARE BASED UPON ACTUAL PLANE DELIVERIES AND HAVE BEEN PROJECTED IN ACCORDANCE WITH AIR CORPS MATERIEL DIVISION ESTIMATES OF PLANE DELIVERIES. COMPUTED AND ACTUAL DELIVERIES ARE INITIAL AND CONTAIN NO MAINTENANCE FACTOR.

COMPOSITE FIGURES ARE SHOWN - ALL TYPES OF THE VARIOUS ITEMS OF EQUIPMENT BEING GROUPED IN THE INTEREST OF SIMPLICITY.

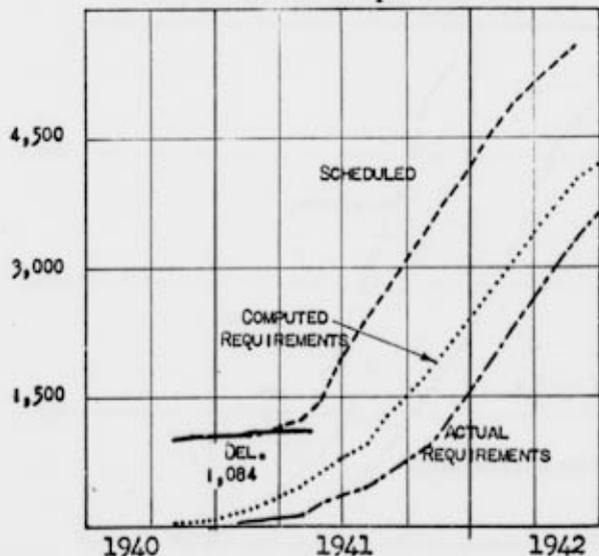
Radio Sets - Command



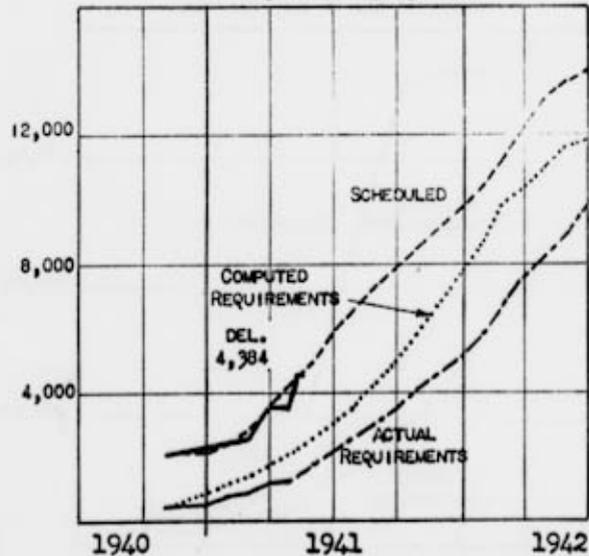
Radio Sets - Liaison



Radio Compass



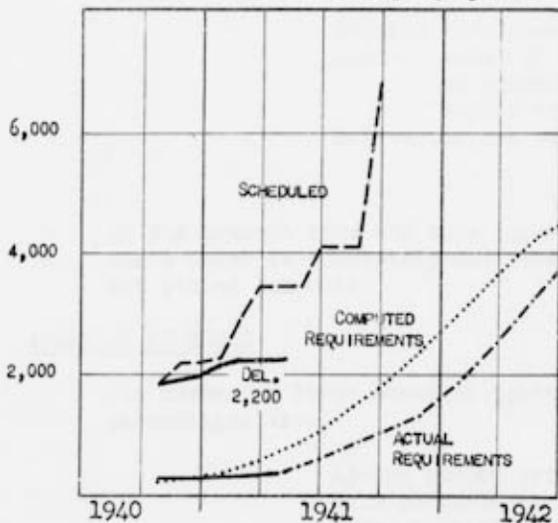
Interphone Equipment



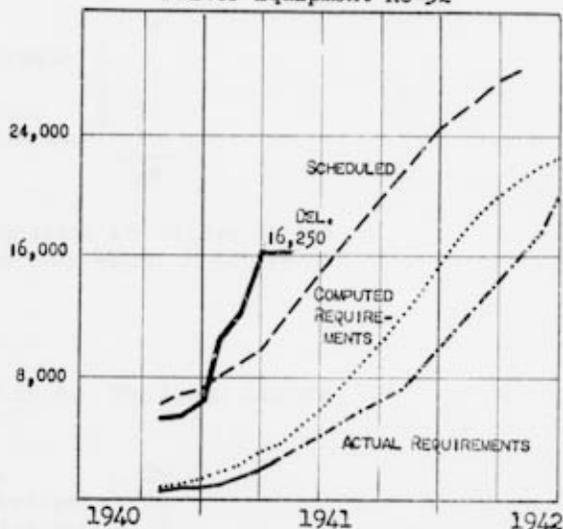
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - MAY 10, 1941 (PAGE II)

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

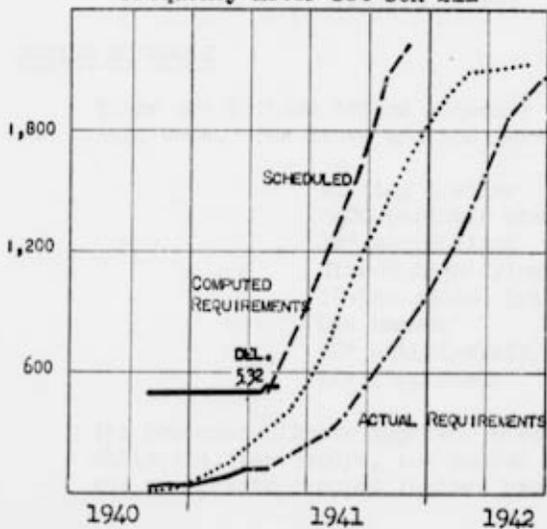
Marker Beacon Receiving Equipment



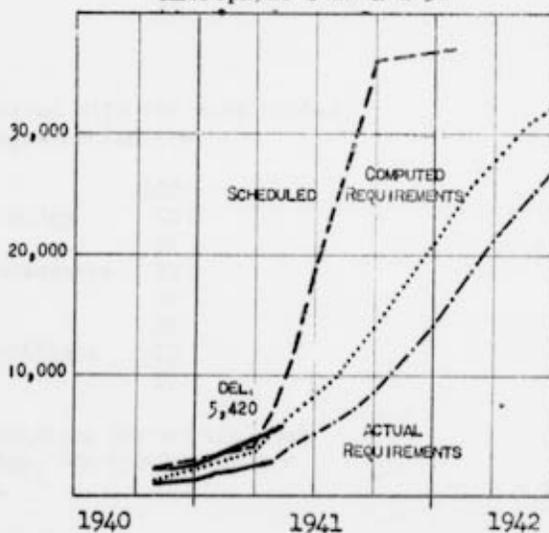
Filter Equipment RC-32



Frequency Meter Set SCR-211



Microphone T-20 & T-30



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

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

GENERAL

The 48 items being followed by this office may be divided into the following classes:

Program completed	7
Active, ahead of schedule	6
on schedule	14
behind schedule	8
Deliveries not yet started	13
	<u>48</u>

At the present time the more important items are either in the class which is completely delivered or that which is active but behind schedule.

AHEAD OF SCHEDULE

The number of items ahead of schedule is 6. The items and the percentages are:

25-ton ponton bridge	29
H-10 portable steel bridge	16
3 kva electric lighting set	13
Duplicating equipment, gelatin	11
Footbridge	10
1/2-yard shovel	2

BEHIND SCHEDULE

There are 8 items behind schedule compared with the same number last week. The items and the percentages behind are:

Tilting trailer	100
H-20 portable steel bridge	60
18" searchlight	57
Mirror magnifying stereoscope	53
10-ton ponton bridge	31
Gas hammer	28
60" antiaircraft searchlight	20
Air compressor	12

The two searchlights improved their positions during the week while the stereoscope, the ponton bridge, the gas hammer and the compressor dropped further behind.

SEARCHLIGHT, 60" ANTI-AIRCRAFT

The searchlight situation is continuing to improve; 46 were scheduled and 60 were delivered. The delivery of 60 lights is the best week's performance made thus far. The division of these figures between the two companies is:

	<u>Scheduled</u>	<u>Delivered</u>
Sperry Corporation	27	31
General Electric Company	19	29
	<u>46</u>	<u>60</u>

The cumulative totals are 772 delivered against a schedule of 968. The deficiency of 196 is 20 percent of the number scheduled.

AIR COMPRESSOR

Deliveries were only 10 while 18 were scheduled for the week. The shortage has increased to 77 compressors, which is 12 percent of the number scheduled. The situation is continuing to be very erratic. The cumulative figures for the last month are:

	<u>Scheduled</u>	<u>Delivered</u>	<u>Shortage</u>
April 8	568	501	67
May 8	643	566	77
	<u>75</u>	<u>65</u>	<u>10 increase</u>

HAMMER, GAS

No deliveries have been received during the past 3 weeks because of the inability to get a vanadium spring needed in the assembling of the hammer. The shortage of vanadium is the reason. The figures for April 15 and May 8 are:

	<u>Scheduled</u>	<u>Delivered</u>	<u>Shortage</u>
April 15	643	569	74
May 8	793	569	224
	<u>150</u>	<u>0</u>	<u>150 increase</u>

CORPS OF ENGINEERS - PROCUREMENT PROGRESS - MAY 8, 1941

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

Scheduled Completion Dates

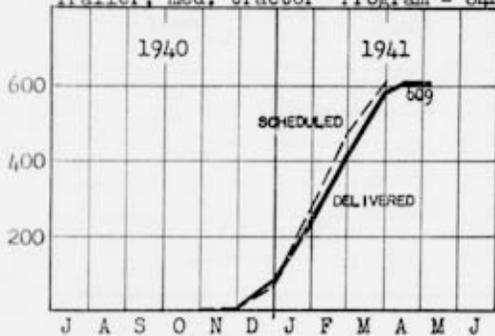
Item	Percentages												Program Plus on Hand
Angledozer, Tractor	100												656
Boat, assault	100												3,964
Mapping equip., Hqs.	100												9
Mixer, concrete	100												90
Welding set	100												149
Grader, road, mtzd.	97	100											102
Water Puri. Unit, port.	86	100											258
Trailer, med. tract.	45	77	100										609
Shovel, gas, 1/2 yd.	36	57	79	100									47
Shovel, gas, 3/8 yd.	68	84	95	100									94
Bridge, steel, H-20	0	0	0	90	100								10
Duplicating Equip.	0	1	1	38	100								160
Electric Equip., 5 kw.	45	45	64	85	100								212
Footbridge, M 1938	55	62	75	88	100								123
Mapping Equip., mtzd.	9	9	9	71	100								35
Searchlight, 18"	17	17	34	84	100								127
Auger, earth, mtzd.	78	78	78	78	87	100							91
Electric Equip., 3 kva	0	0	21	49	82	100							470
Hammer, gas operated	23	33	51	70	89	100							1,069
Ponton Equip., 10-ton	27	45	67	82	98	100							93
Bridge, H-10	43	57	71	81	88	94	100						96
Ponton Equip., 25-ton	0	9	28	47	66	85	100						47
Water Puri. Unit, mtzd.	41	48	76	83	89	96	100						46
Compressor, air, mtzd.	47	57	65	73	81	88	96	100					975
Stereoscope, mirror	1	1	7	20	38	42	59	78	93	100			2,522
Searchlight, 60" AA	31	37	43	50	58	65	72	78	85	92	99	100	2,493
Stereoscope, lens	12	12	12	14	16	18	20	22	34	46	58	70	161
	J	F	M	A	M	J	J	A	S	O	N	D	

1941

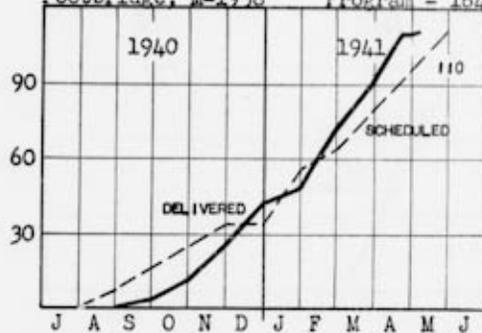
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 8, 1941

Source of Information: Office of the Chief of Engineers

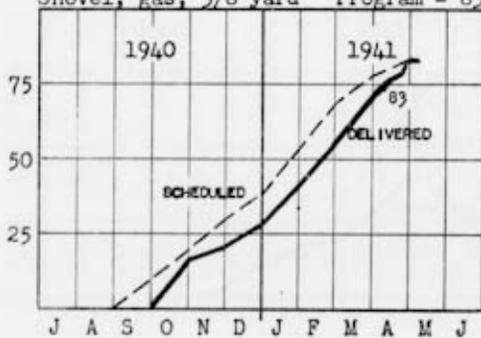
Trailer, med. tractor Program - 844



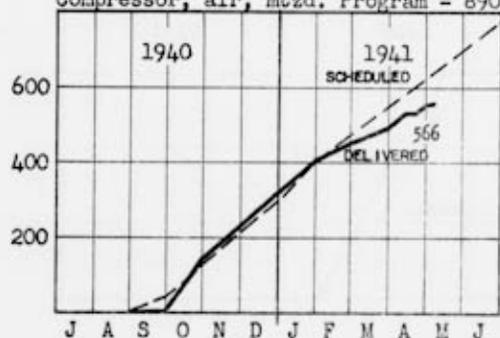
Footbridge, M-1938 Program - 164



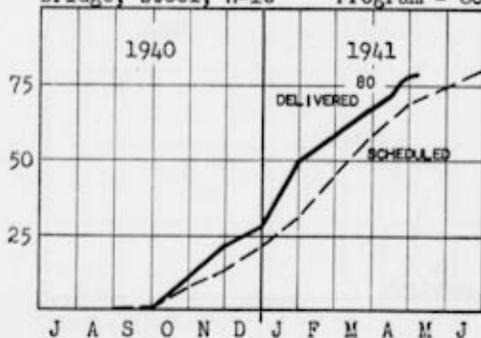
Shovel, gas, 3/8 yard Program - 83



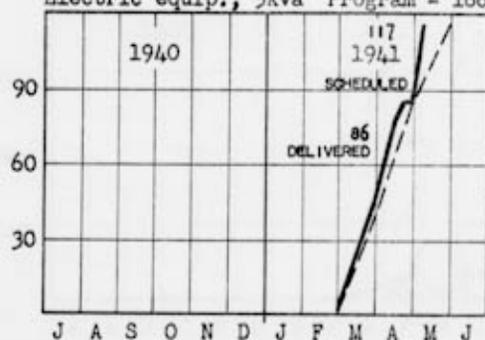
Compressor, air, mtzd. Program - 890



Bridge, steel, H-10 Program - 86



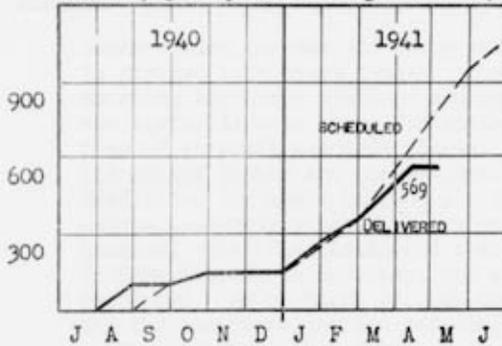
Electric equip., 5kva Program - 166



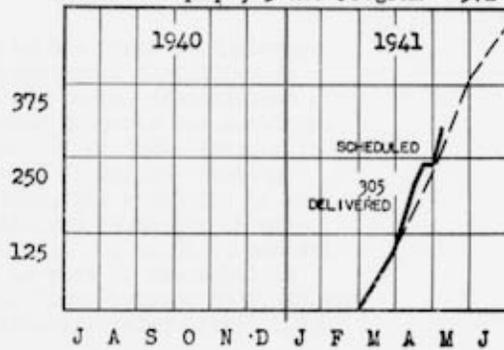
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 8, 1941

Source of Information: Office of the Chief of Engineers

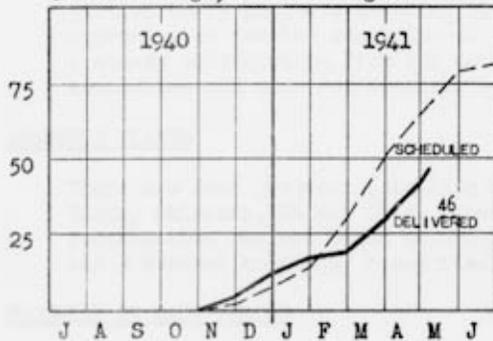
Hammer, gas operated Program - 1063



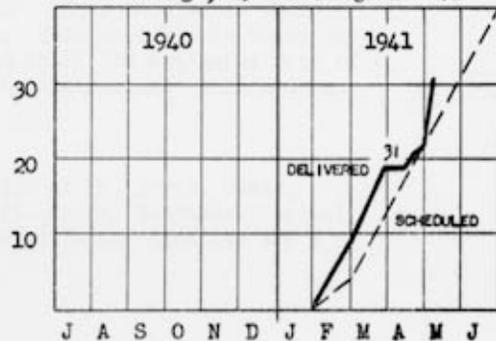
Electric equip., 3 kva Program - 571



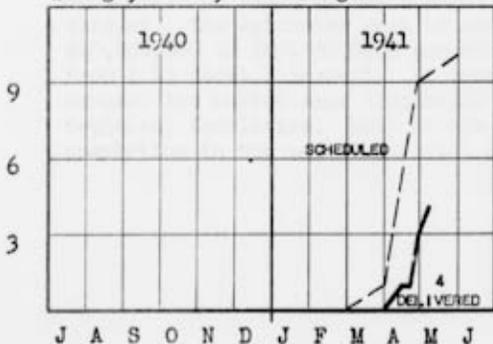
Ponton bridge, 10 ton Program - 81



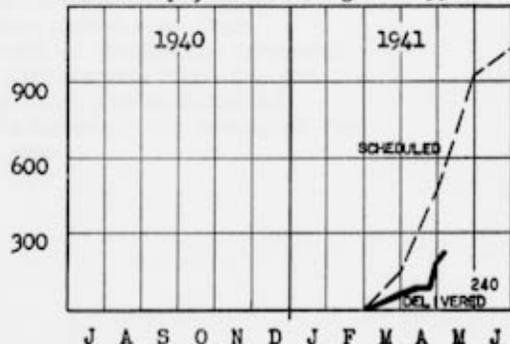
Ponton bridge, 25 ton Program - 71



Bridge, steel, H-20 Program - 10



Stereoscope, mirror Program - 3506



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

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

GENERAL

Construction for the Air Corps being done by the Corps of Engineers is divided into these types: housing and technical facilities at existing Air Corps stations and municipal air ports, construction of new airfields with these facilities, and four projects for construction of aircraft assembly plants. There are 91 projects located in the United States and possessions. Of these, 77 include housing facilities for about 165,000 Air Corps troops; the remaining 14 are depots, assembly plants and projects at stations requiring no more housing. The total estimated cost is \$320,961,000; about 59 percent or \$188,549,000 is underway; and about 39 percent of the total is completed. As of March 31, the accountable funds totaled \$328,393,418 and the contracts awarded and other obligations totaled \$111,561,232 or 34 percent of that amount.

The diagram on the following page shows the estimated schedule of completion on 73 projects totaling \$263,214,000. No schedule has been approximated for the remaining 18 projects. This schedule is based on a steady construction from the date started until the estimated date of completion and does not necessarily show the contractors' obligations.

ASSEMBLY PLANTS

There are four projects totalling \$45,550,000 at Ft. Worth, Texas, Tulsa, Oklahoma, Kansas City, Kansas, and Ft. Crook, Nebraska. Actual construction has not begun on the first two while the last two are 5 and 3 percent complete, respectively.

PROGRESS IN LAST PERIOD

During the period from March 31 to April 15 the total estimated cost rose about \$15,000,000 from \$306,094,500 to \$320,961,000. The percent of completion based on the present program increased from 34 to 39 percent. The estimated cost of the assembly plants rose from \$40,059,000 to \$45,550,000; and their percent of completion increased from 1 to about 2 percent. No project is 100 percent complete, but several are halted near completion pending final installation of technical facilities. Most of the projects underway are scheduled for completion in the summer and fall of this year.

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED MAY 17, 1941

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

The status of surgical instruments remains unsatisfactory. Deliveries continue to show a gradual slowing up. In addition to strikes there seems to be difficulty in obtaining stainless steel from the steel makers of the proper specifications necessary for the manufacture of these instruments. In some cases where instrument manufacturers procure their forgings from sub-contractors the same difficulty seems to exist as the latter are unable to secure the required steel to manufacture the forgings.

The Greater New York Bedding Company, New York, N. Y., according to the quarter-monthly progress report, May 8, 1941, delivered 14455 cotton mattresses on contract C52312. This brings them 14355 ahead of schedule as their agreement only called for the delivery of 100 by the above date.

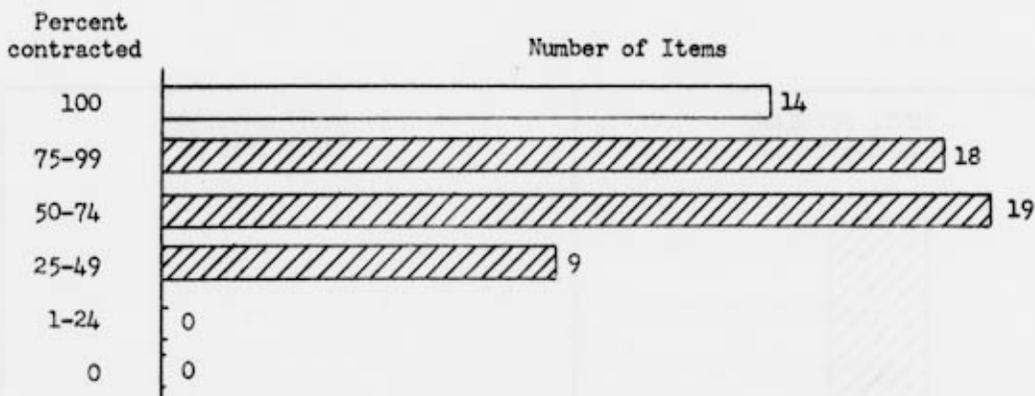
The Zimmer Splint Company, New York, N. Y. delivered 2640 Aluminum Litters between April 30 and May 8, 1941, which brings them nearly up to schedule on their two contracts for 23000 of this item. Both the aluminum and the canvas entering into the fabrication of this litter are difficult to obtain.

According to a summary of Weekly Statistical Report No. 18, May 8, 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 3.12. This percentage shows 2.74 remaining in hospitals and .38 in quarters.

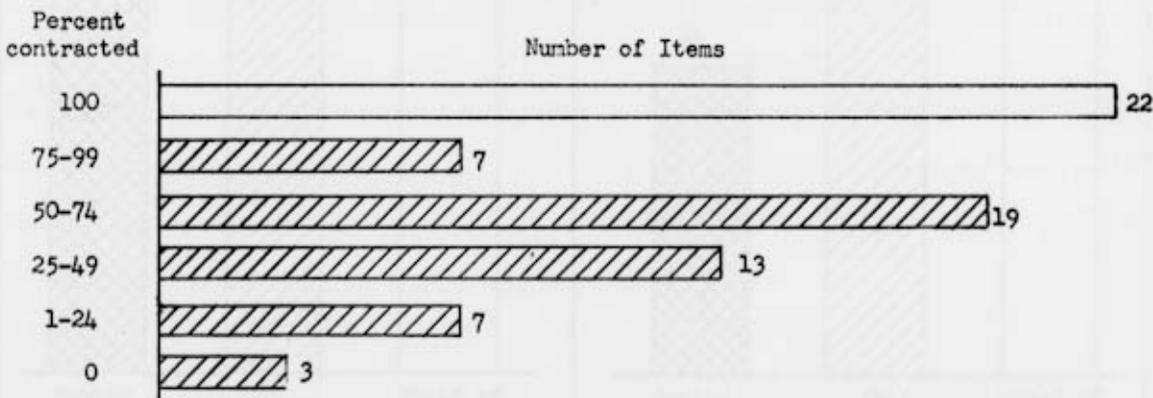
MEDICAL DEPARTMENT - PROCURENT STATUS OF CRITICAL AND SELECTED ITEMS - MAY 8, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED
thru 4-30-41



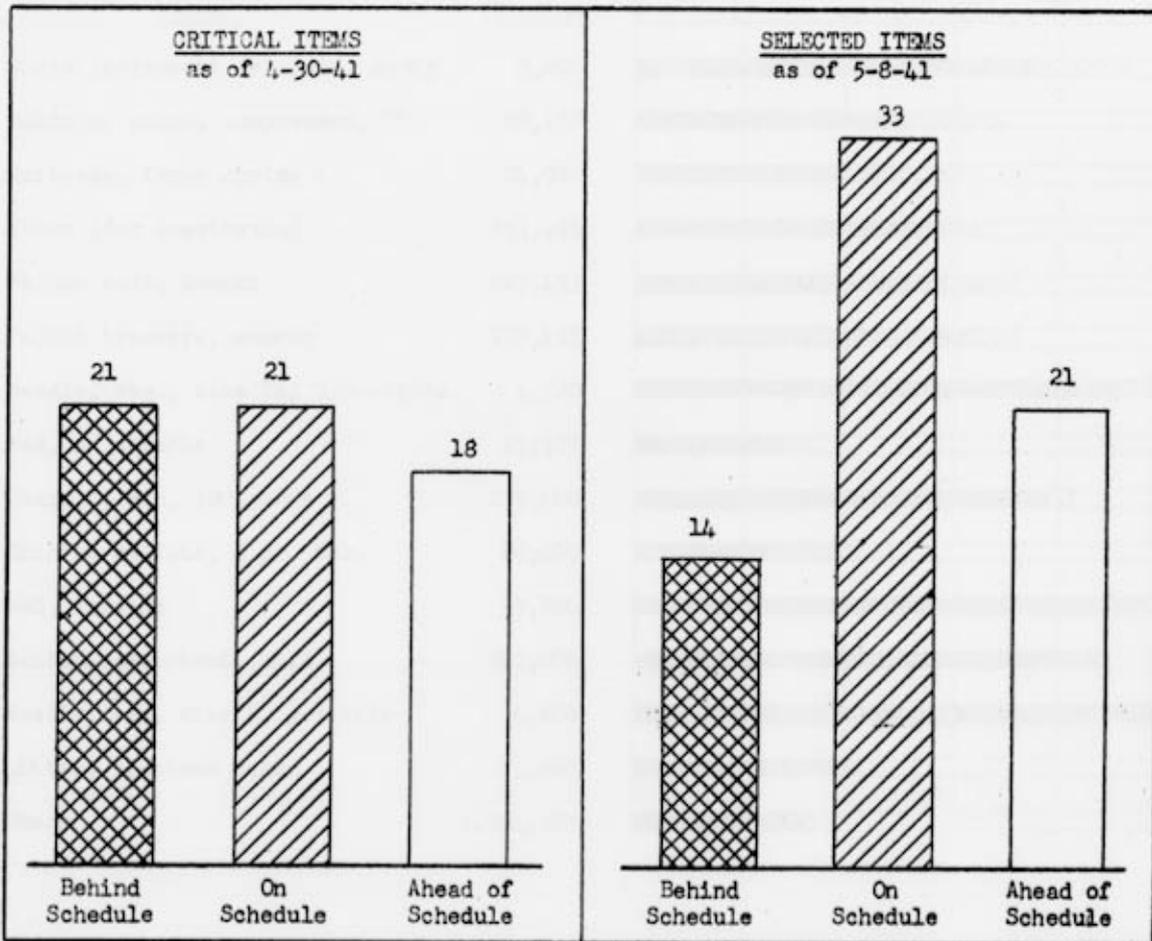
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED
thru 5-8-41



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - MAY 8, 1941

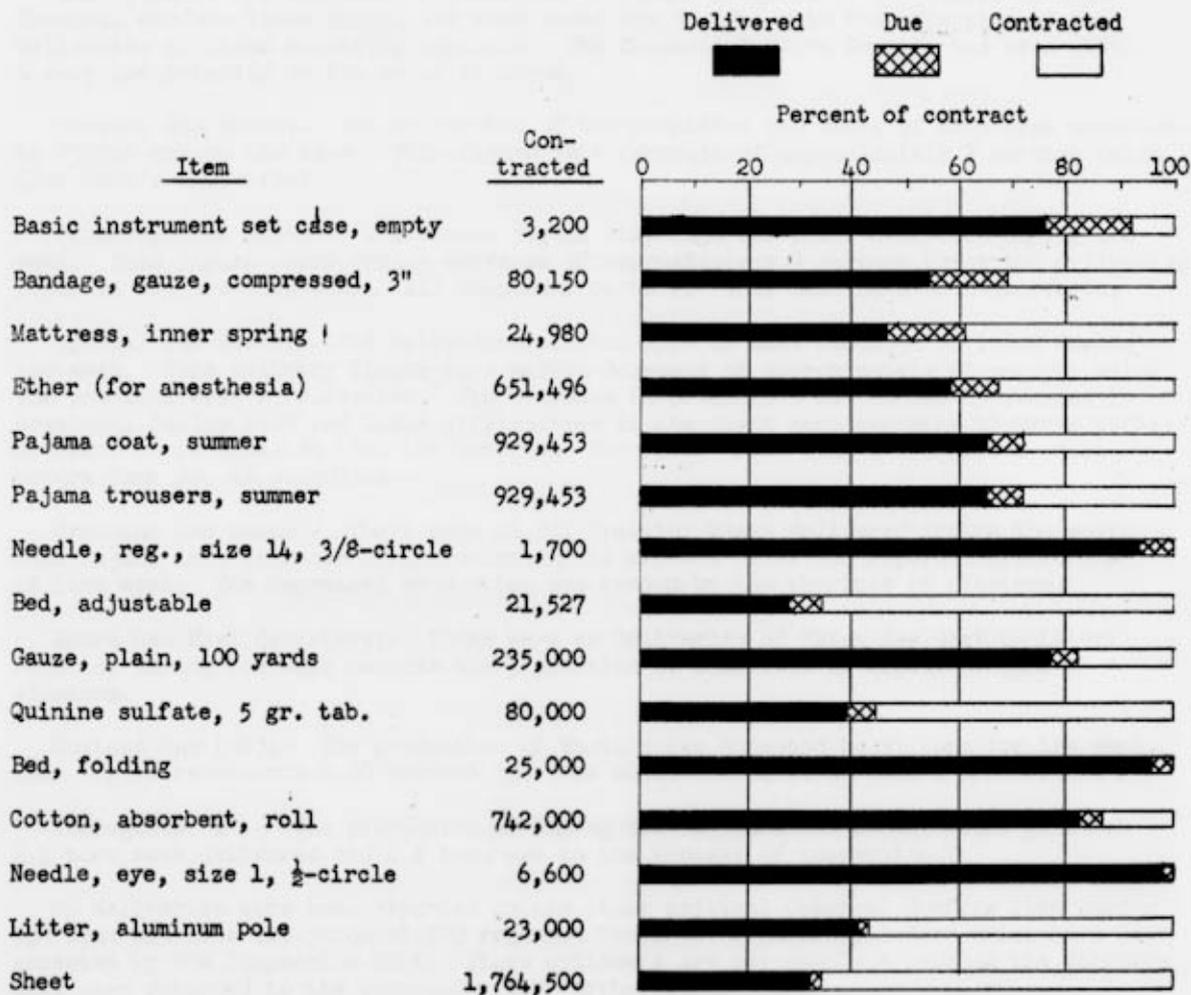
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - MAY 8, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS ON MAY 9, 1941

Source of Information: Reports received from Chemical Warfare Service

The term "program" when used in this report means the combined procurement programs of 1940 and 1941.

The Chemical Warfare Service continues to report progress of deliveries of major Chemical Warfare items during the week ended May 9, 1941 with the exception of the deliveries of items requiring aluminum. The Chemical Warfare Service has been given a very low priority on the metal aluminum.

Service Gas Masks:- The deliveries of the completed gas masks of this type amounted to 73,728 during the week. This figure is a decrease of approximately 2 percent below last week's deliveries.

Diaphragm Gas Masks:- There were 56,444 Diaphragm Gas Masks delivered during the week. This figure represents a decrease of approximately 7 percent below the deliveries reported the previous week. All component parts for this mask have been delivered.

Optical Gas Masks:- The deliveries of this type of mask amounted to 1,840 during the week. This delivery figure is a marked decrease of approximately 93 percent below the previous week's deliveries. The decrease in production was caused by changes in drawings, faulty dies and labor difficulties in the plant manufacturing aluminum parts; however, it is expected that the contracts for these masks will be completed on or before June 30, as scheduled.

Training Gas Masks:- There were 66,521 Training Masks delivered during the week. This figure is a decrease of approximately 44 percent below the reported deliveries of last week. The decreased production was caused by the shortage of aluminum.

Extra Gas Mask Canisters:- There were no deliveries of Extra Gas Mask Canisters reported during the week because the production of canisters is dependent upon aluminum.

Mustard Gas (H):- The production of Mustard Gas amounted to 97 tons for the week. This figure represents a 20 percent increase above the previous week's production.

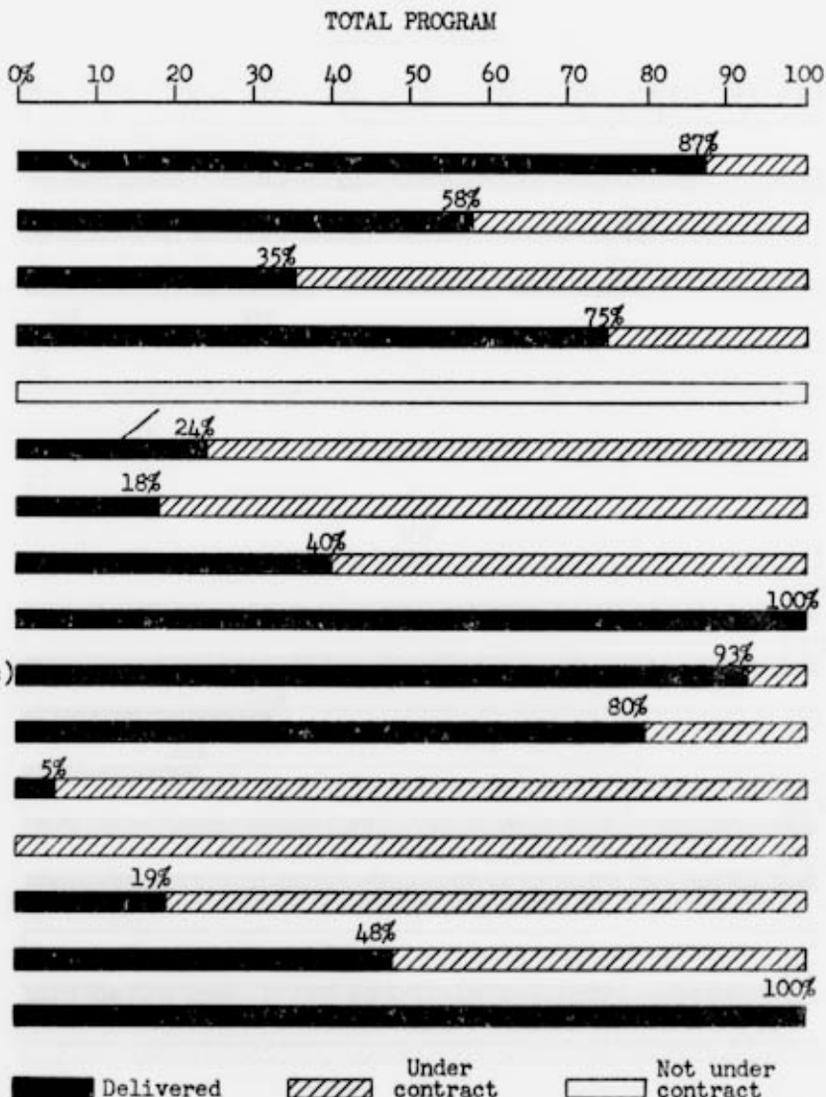
Impregnite "I":- The production of Impregnite "I" amounted to 12.3 tons of which 8.1 tons were delivered and 4.2 tons are in the process of inspection.

No deliveries have been reported on any other critical Chemical Warfare item during the week with the exception of 500 rejected Portable Chemical Cylinders which have been accepted by the Inspection Unit. These cylinders are not complete because the carriers have been returned to the contractor for further work.

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

Source of Information: Chemical Warfare Service

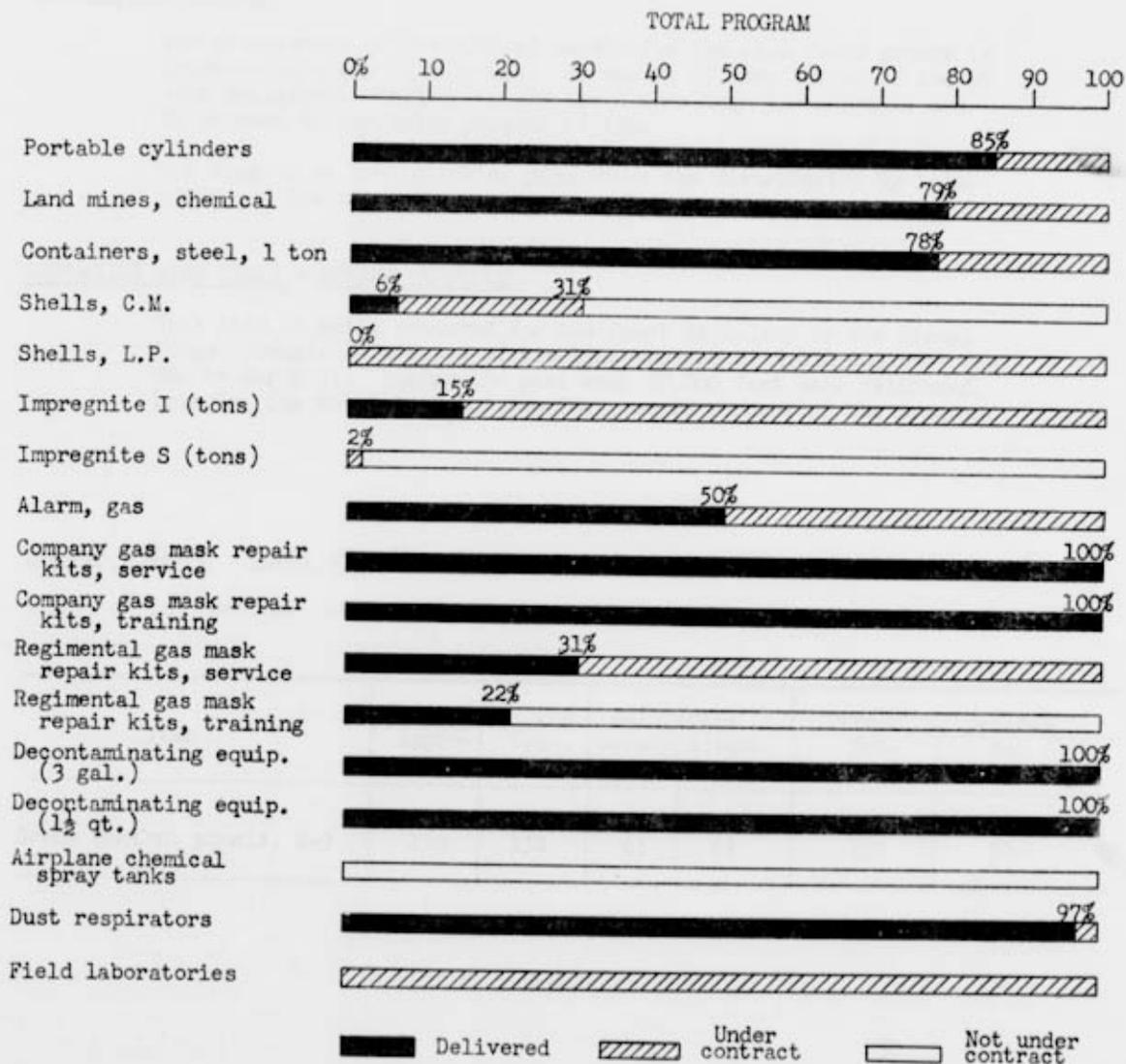
May 9, 1941



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

Source of Information: Chemical Warfare Service

May 9, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 8, 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 8, 65 were scheduled and 69 were delivered. Deliveries now are 4 more than the schedule and 50 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. Complete delivery of the 1941 program of 3,610,000 feet was due by March 31. During the past week 90,000 feet were delivered, bringing the total to 2,465,300 feet, or 68 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH MAY 8, 1941

Source of Information: Office, Chief of Coast Artillery

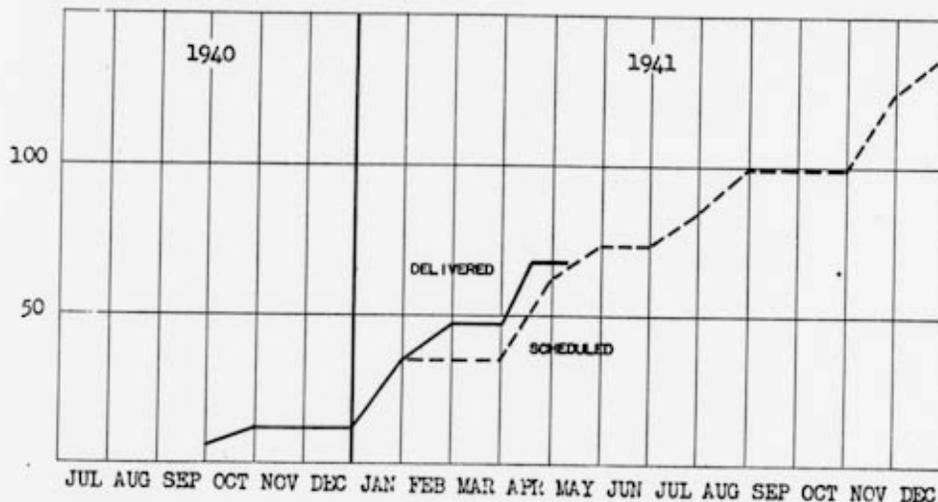
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual May 8	Contracted	Delivered
Group control panels, M-3	138	138	65	69	100	50

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH MAY 8, 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								

delivered

SECRET

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PSF War

WEEKLY STATISTICAL REPORT

SUMMARY

No. 47

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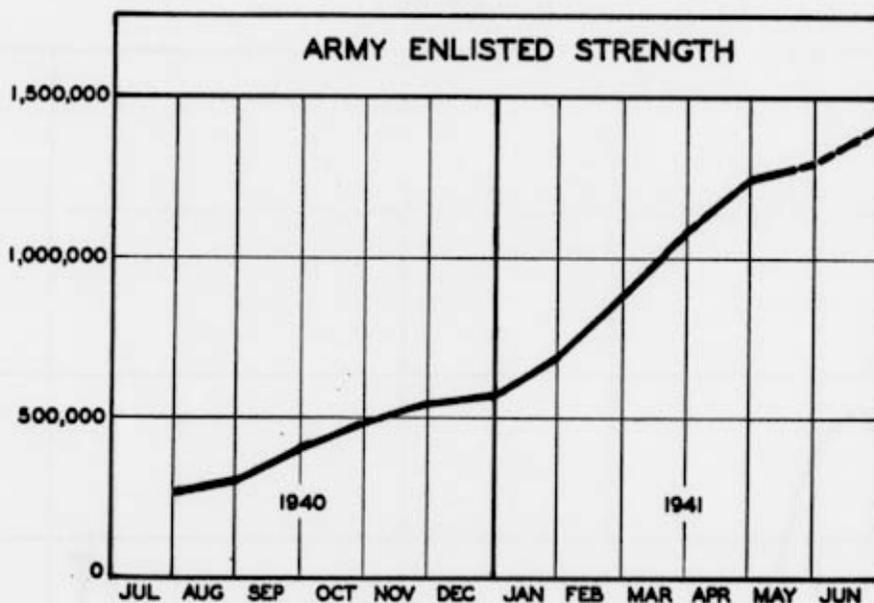
WEEKLY STATISTICAL REPORT
NO. 47
MAY 24, 1941

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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures subsequent to 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

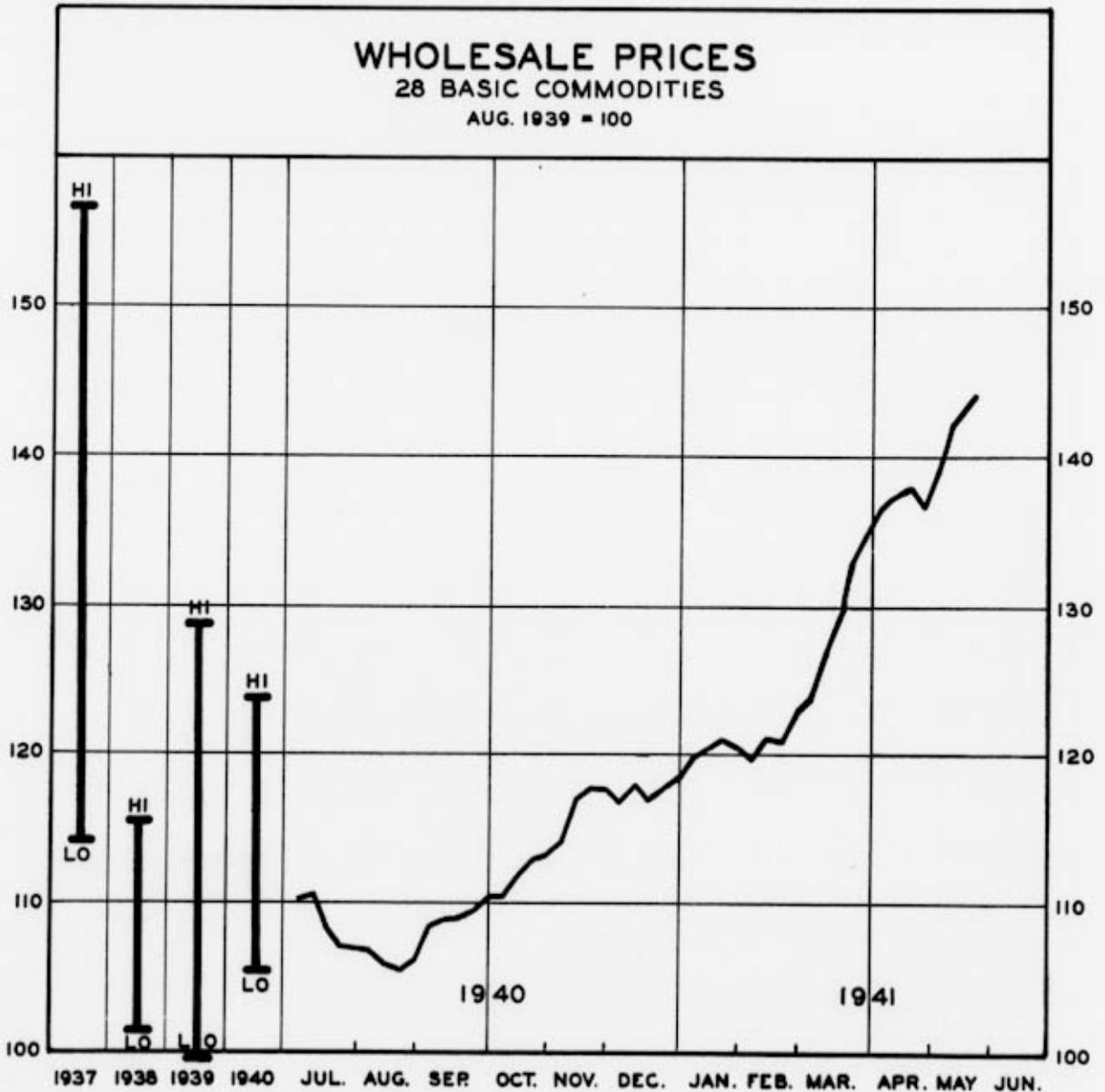


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan., 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May	1,291,028
June	1,418,097

PRICES

Although the index of 28 basic commodities reached a new high of 144.0 percent of the August, 1939 level during the last week, the upward movement slackened and was confined largely to domestic agricultural commodities. Anticipated higher loan values and heavy demand for certain crops were largely responsible for sharp advances in prices for grains and cotton.

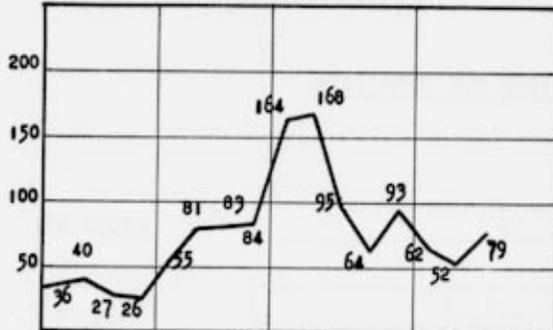
Source of Information: Bureau of Labor Statistics



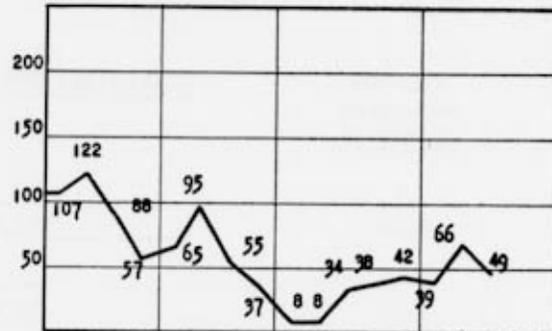
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

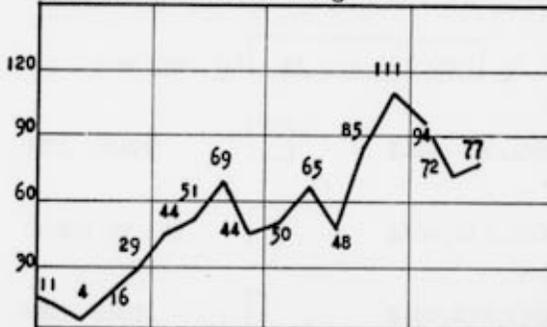
Hours, Wages, Labor Problems



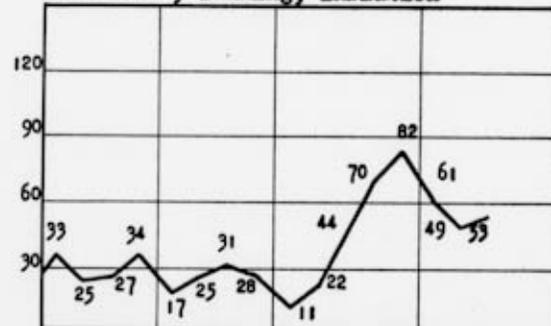
Aid for England



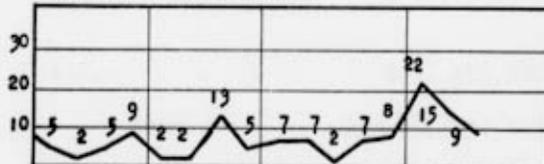
Criticism of Slow Progress



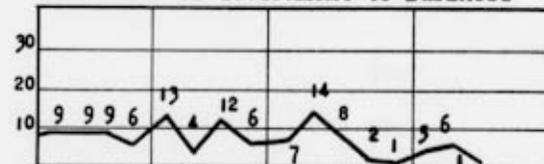
Economics, Banking, Inflation



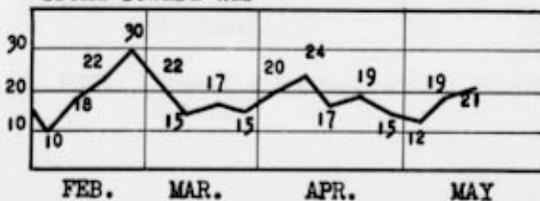
General Commendation



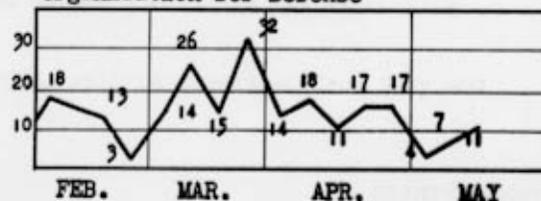
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 62.4 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, May 22, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to May 21</u>
AIR CORPS	<input type="text" value="\$3,717,519,528"/>	61.6
ORD. DEPT.	<input type="text" value="\$2,741,659,091 a/"/>	75.7
Q.M.C.	<input type="text" value="\$2,596,342,802"/>	50.0
FAC. FOR EXP. b/	<input type="text" value="\$1,464,286,000 c/"/>	56.9
SIG. CORPS	<input type="checkbox"/> \$217,274,460	75.7
CORPS OF ENG.	<input type="checkbox"/> \$100,015,200	78.7
MED. DEPT.	<input type="checkbox"/> \$ 60,872,137 a/	74.6
CHEM. WAR. SER.	<input type="checkbox"/> \$ 51,943,483	88.8
C.A.C.	<input type="checkbox"/> \$ 1,219,839	99.7
TOTAL	\$10,951,132,540	62.4

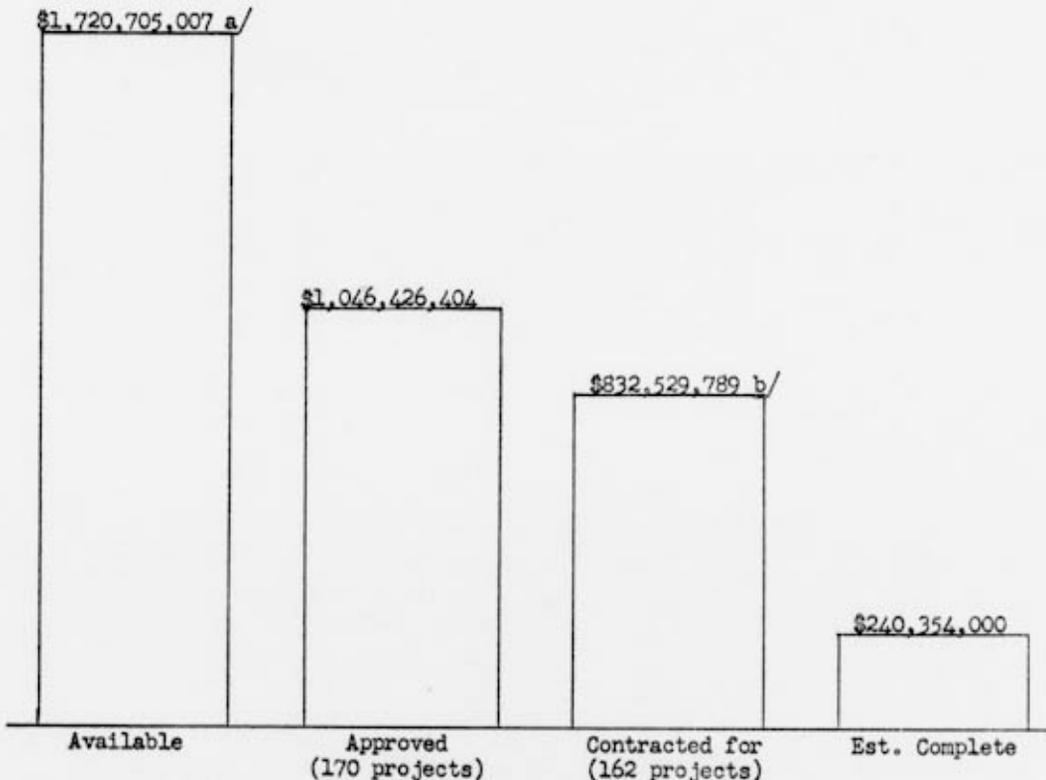
a/ NOTE: Tentative

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 10, 1941

Source of Information: Construction Division Report, May 10, 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; excludes Fifth Supplemental National Defense Act projects.

b/ Amount supplied by Supply Arms and Services.

TEXT SUMMARY - - MAY 24, 1941

Source of Information: Ordnance Department & OUSW

GENERAL

The indexes of equipment and ammunition procurement on the following page do not include procurement from Defense Aid funds. Actual April deliveries of equipment items were more than double those in January, and of ammunition items were nearly 3 times those in January.

Deliveries of equipment estimated for July are nearly double April deliveries, and the largest monthly output of equipment is now scheduled for January 1942. Available schedules for ammunition indicate that deliveries will start in volume in September, at a monthly rate nearly 5 times April deliveries. The presently scheduled peak monthly output of ammunition is indicated for December, at nearly 8 times April deliveries. When more complete loading schedules can be computed, further increases in monthly deliveries should be scheduled for 1942 months.

EQUIPMENT

The diagrams on page 12 compare aircraft machine gun delivery schedules with Army and Navy requirements, which have been revised on the basis of O.P.M. Aircraft Report, No. 8-E, May 5, 1941. Requirements have been reduced by lower plane output estimates. The substantial excess of caliber .50 machine guns makes possible diversion of some capacity to the heavy barrel and water cooled types. However, there is expected to be a serious deficiency in the aggregate number of caliber .30 aircraft machine guns available for Army and Navy and also British needs.

AMMUNITION

Actual and scheduled deliveries of all caliber .30 and caliber .50 cartridges, as well as corresponding data for the principal types of aircraft ammunition and bombs, are shown in the diagram on page 13. No schedules have yet been reported for the 20,500,000 rounds of shell and shot for the 20mm aircraft gun M1, which are to be procured.

Less than half of the cartridges in the current program are scheduled to be delivered by June 30, 1942. Existing schedules are largely tentative because they are based principally on estimated output from the new St. Louis and Lake City plants.

The current programs for the 20# fragmentation bomb and the 100# practice bomb are scheduled to be completed by June 30, 1942, but less than half of the programs for the 100#, 300#, and 500# demolition bombs are currently scheduled for accomplishment by that date.

FACILITIES

Construction of the new ordnance facilities, and deliveries of the necessary equipment are making rapid progress, aided by good weather conditions. Production has begun at 5 of the plants producing machine guns, tanks, the 20mm aircraft cannon and armor plate, and at 2 smokeless powder plants. The least progress has been reported for the small arms ammunition plants, as a group. Construction has not yet started at the Alabama smokeless powder plant, the Plum Brook TNT plant and the Coosa River bag loading plant.

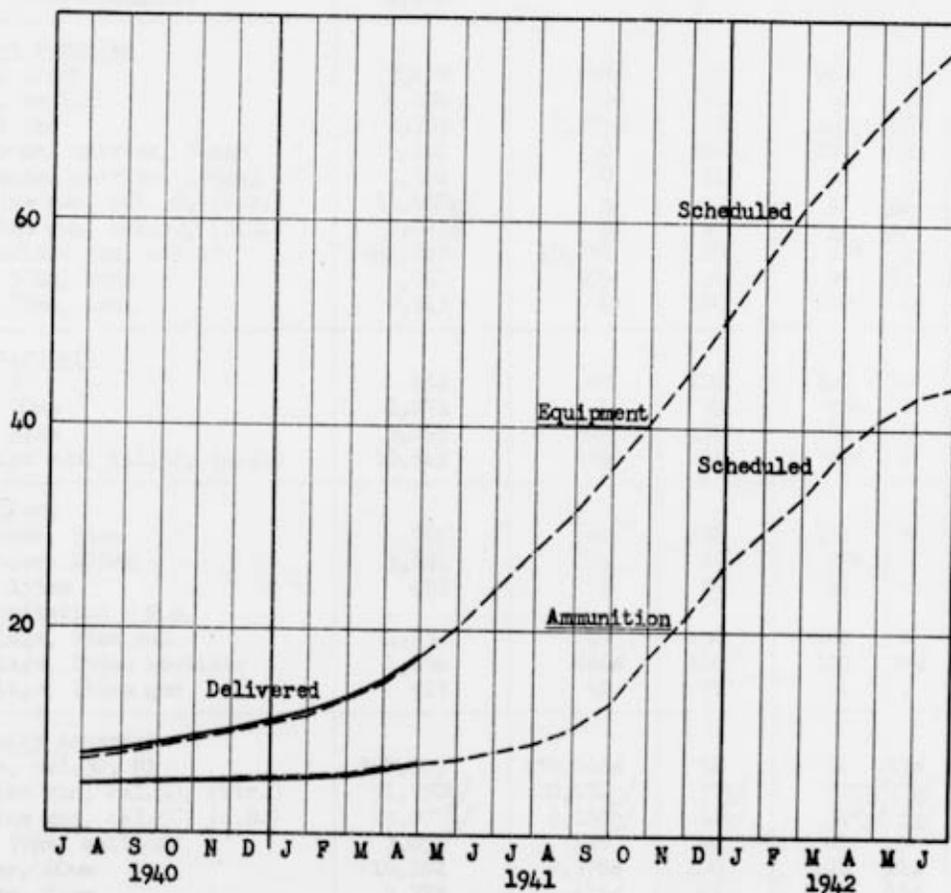
Additional ordnance facilities to be financed from Fifth Supplemental and Defense Aid funds are currently being planned and authorizations are expected to be made within several weeks. Current studies indicate that ammunition plants will comprise the bulk of the new construction.

INDEX OF ORDNANCE PROCUREMENT - APRIL 30, 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 1942 months should increase substantially.



CUM.		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	
		1940						1941						1942												
EQUIP	DEL.	8	8	9	10	10	11	12	13	15	17															
	SCH.	7	8	8	9	10	11	12	15	17	20	24	28	32	36	41	45	51	56	62	66	70	74	77		
AMMUN.	DEL.	5	5	5	5	5	5	6	6	6	7															
	SCH.	5	5	5	5	5	5	6	6	7	7	7	8	9	11	13	18	22	26	30	33	38	41	43	44	

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

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

Item	Total procurement program	Delivered thru April 30	Percent of total program			
			Con-tracted	Sched-uled	Due	Delivered
<u>Aircraft Armament</u>						
Machine gun, cal.30	87,648	5,610 ϕ	32	32	7 ϕ	6 ϕ
Machine gun, cal.50	161,173	5,398 ϕ	50	50*	3 ϕ	3 ϕ
Gun, 20mm, automatic	42,489	0	58	6	0	0
Gun, 37mm, automatic	1,188	0	100	90	1	0
<u>Combat Vehicles</u>						
Tank, light	3,488	618 ϕ	100	100	17 ϕ	17 ϕ
Tank, medium	4,596	50 ϕ	54	54	1 ϕ	1 ϕ
Scout car	2,733	2,550 ϕ	100	100	83 ϕ	93 ϕ
Personnel carrier, 8-man	5,445	0	100	100	3	0
Personnel carrier, 13-man	4,302	0	91	91	0	0
Machine gun, cal.30, (Var.)	37,460 ϕ	a/	a/	a/	a/	a/
Machine gun, cal.50, (H.B.)	8,025 ϕ	a/	a/	a/	a/	a/
Submachine gun, cal.45	241,065	10,052	23	23*	6	4
Gun, 37mm, tank	6,040	873	99	99	12	14
Gun, 75mm, tank	2,513	4	100	100	0	-
<u>Antiaircraft</u>						
Gun, 3"	152	70	100	100	36	46
Gun, 90mm	1,271	0	95	95*	0	0
Gun, 37mm	3,195	325	100	100	9	10
Machine gun, cal.50, (W.C.)	10,945	196	34	34*	2	2
<u>Artillery</u>						
Howitzer, 75mm	958	82	100	100	8	9
Howitzer, 105mm	3,286	8	83	83*	-	-
Gun, 155mm	492	8	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	48	100	100	6	4
Carriage, 155mm howitzer	1,436	686 ϕ	100	100	39 ϕ	48 ϕ
Carriage, 155mm gun	927	62	71	71	7	7
<u>Infantry Armament</u>						
Rifle, cal.30, M1	897,805	159,066 ϕ	54	54	17 ϕ	18 ϕ
Machine gun, cal.30, (Var.)	91,750 ϕ	20,474 ϕ	77 ϕ	77* ϕ	23 ϕ	22 ϕ
Machine gun, cal.50, (H.B.)	23,007 ϕ	1,186 ϕ	54 ϕ	54* ϕ	5 ϕ	5 ϕ
Gun, 37mm, antitank	7,653	439	80	61	5	6
Mortar, 60mm	10,162	2,376 ϕ	100	100	21 ϕ	23 ϕ
Mortar, 81mm	3,773	615 ϕ	91	91	16 ϕ	16 ϕ

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

b/ Figures include Armament for Combat Vehicles.

ϕ Delivered thru May 15.

* Partly tentative.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - MAY 15, 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	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	45	1					
<u>Combat Vehicles</u>								
Tank, light	4,412	512	12					
Tank, medium	2,666	53	2					
Scout car	3,944	2,633	67					
Personnel carrier, 8-man	7,105	0	0					
Personnel carrier, 13-man	6,017 ^a	0	0					
Machine gun, cal.30 (Var.)	62,164 ^a	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"		476	27					
Gun, 90mm	1,766							
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	582	40					
Howitzer, 75mm, field & pack	258	161	62					
Howitzer, 105mm	3,200	27	1					
Gun, 155mm	751	4	1					
Gun, 155mm (H.S.)	903	144	16					
Howitzer, 155mm (H.S.)	1,783	1,060	59					
<u>Unmodified & other models</u>								
Gun, 75mm	--	2,920	--					
Gun, 155mm	--	825	--					
Howitzer, 155mm	--	989	--					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,260,314	166,623	13					
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	644	8					
Mortar, 60mm	7,567	2,100	28					
Mortar, 81mm	4,310	731	17					

a/ Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - APRIL 30, 1941

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

Item	Total procurement program (THOUSANDS)	Delivered thru April 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft & 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	1	21	21	-	-
Shot & shell, 20mm	4,500	0	0	0	0	0
Shell, H.E., 37mm	1,891	0	59	59	-	-
Flares	748	115	35	35	15	15
Signals	2,057	424	27	27	21	21
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	0	20	20	0	0
Shell, 3" H.E.	2,215	67	51	51	3	3
Shell, 90mm, H.E.	2,761	0	45	45	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	40	86	86	3	3
Shell, g & s, 75mm gun	1,102	2	63	63	-	-
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	57	23	23	1	1
Shell, H.E., 155mm gun, M1	401	0	59	59	0	0
Charge, prop., 155mm gun	446	65	93	93	15	15
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	3,129	99	99	31	31
<u>Infantry</u>						
Cartridge, cal.30	2,943,242	318,625 ^φ	65	65*	11 ^φ	11 ^φ
Links, met. belt, cal.30	1,003,322	73,868	42	42	7	7
Cartridge, cal.45	606,476	65,721	64	64	11	11
Cartridge, cal.50	858,219	39,505 ^φ	78	78*	5 ^φ	5 ^φ
Links, met. belt, cal.50	2,445,802	31,947	26	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	82	12	12	3	3
Shell, smoke, 81mm	353	0	6	6	0	0
Grenade, H.E., frag.	1,561	0	100	100	0	0
Signal, ground	3,215	155	51	51	5	5
Mine, antitank	2,050	0	2	2	0	0

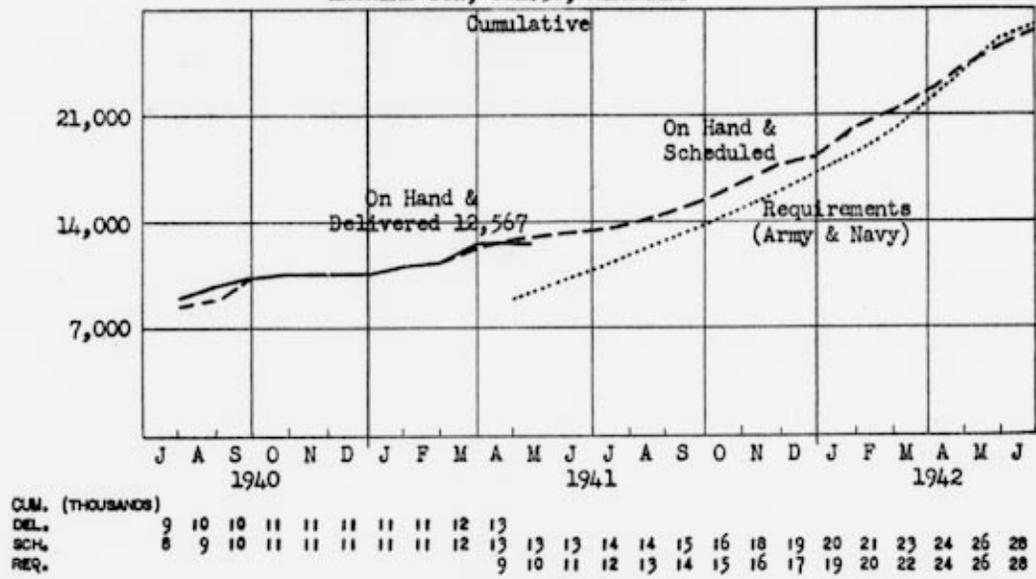
* Partly tentative.

^φ Delivered thru May 15.

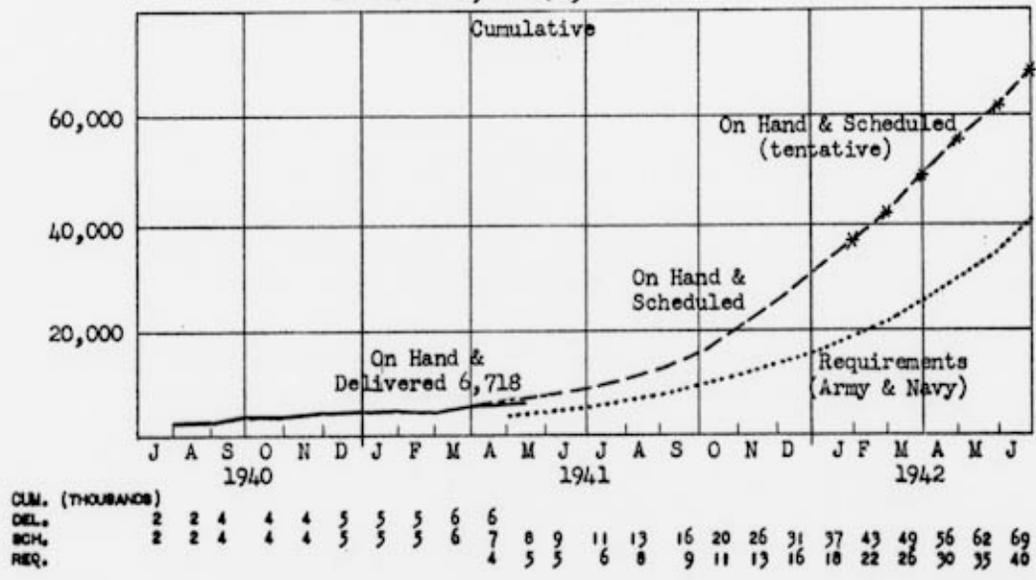
AIRCRAFT ARMAMENT - DELIVERY SCHEDULES - ORDNANCE DEPARTMENT - APRIL 30, 1941

Source of Information: Ordnance Department & OUSW

MACHINE GUN, CAL.30, AIRCRAFT



MACHINE GUN, CAL.50, AIRCRAFT

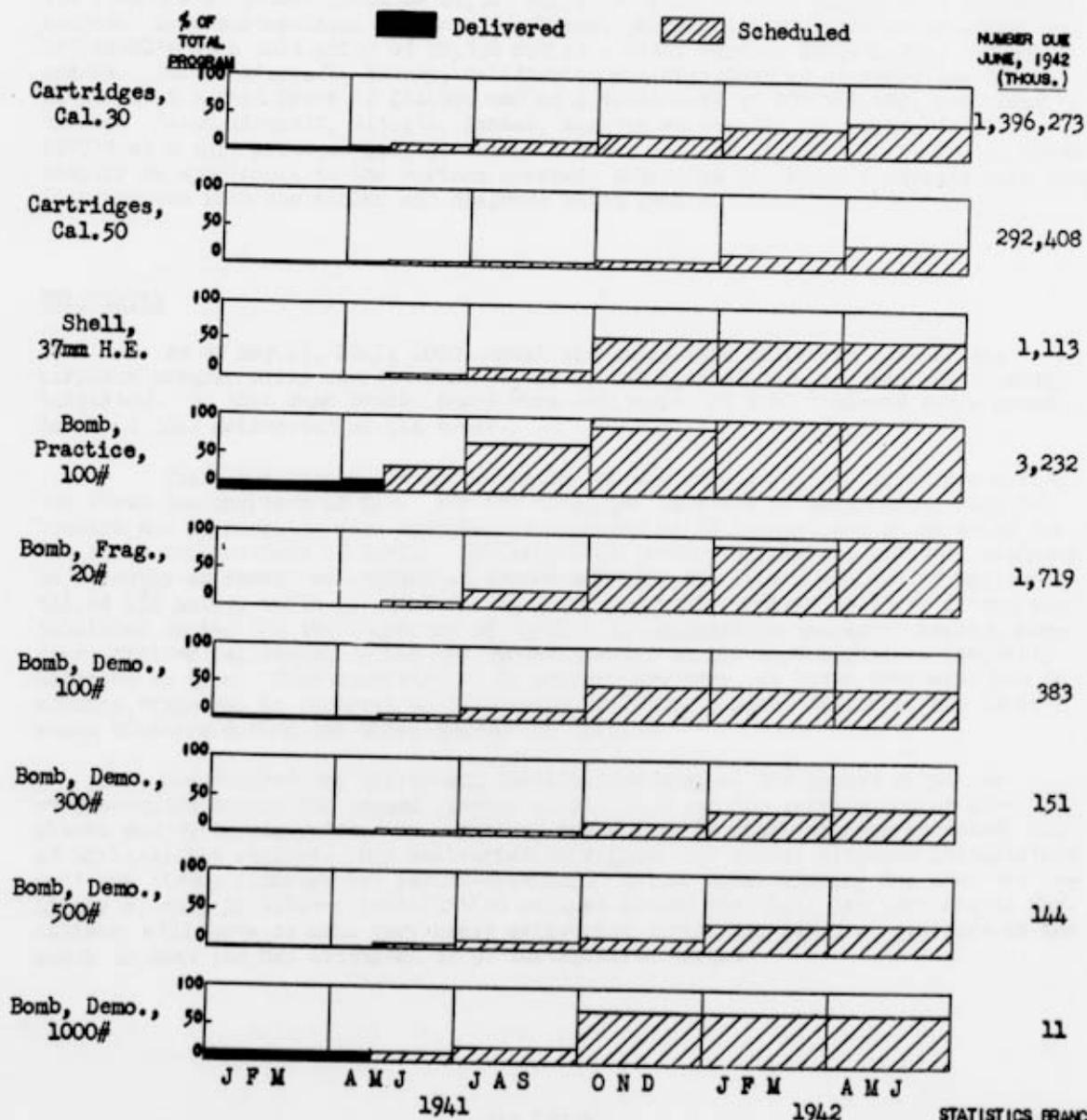


AIRCRAFT & BOMBS - DELIVERIES & SCHEDULES - APRIL 30, 1941

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

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

C U M U L A T I V E



TEXT SUMMARY - AIRCRAFT PROCUREMENT - MAY 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

GENERAL

Several important awards have been made for airplanes during the period May 8-15, 1941. Fairchild Aircraft, Hagerstown, Maryland, was given a contract for 450 PT-19A's at a unit price of \$9,589 and at a total cost of \$4,746,951, including spares. Ryan Aeronautical Company, San Diego, California, was granted an award for 450 PT-22's at a unit price of \$8,352 and at a total cost of \$14,134,205, including spares. Vultee Aircraft, Downey, California, was recipient of an award for 2000 BT-13A's at a unit price of \$14,960 and at a total cost of \$32,912,990, including spares. Beech Aircraft, Wichita, Kansas, was the successful contractor for 120 AT-7's at a unit price of \$46,750 and at a total cost of \$6,171,000, including spares. Insofar as applicable to the periods covered, schedules for these contracts have been incorporated into the tables and diagrams which follow.

DELIVERIES

As of May 15, 1941, 1000 combat airplanes were delivered against the airplane program still current June 30, 1940, and against the programs subsequently initiated. On this same basis, there were deliveries of 2767 trainers and a grand total of 3842 deliveries of all types.

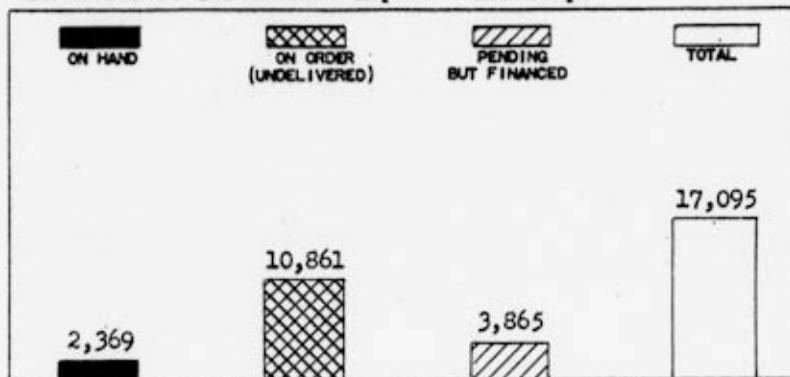
There has been a distinct drop in the delivery of combat airplanes during the first two quarters of May. For the first two quarters of this month, only 17 bombers and 20 pursuits were accepted in contrast to 32 bombers and 95 pursuits for the first two quarters of April. Deliveries of trainer airplanes, however, continue as strongly as ever. Deliveries of trainers during the second quarter of May totaled 135 units, which is equal to the quarter-monthly trainer delivery record established during the third quarter of April. In contrast to the April record, however, trainer deliveries during the second quarter of May were much more favorably balanced by type. They consisted of 37 primary trainers, 44 basic trainers, and 54 advance trainers, in contrast to 92 primary trainers, 3 basic trainers, and 40 advance trainers during the third quarter of April.

One hundred and thirty-six installation engines for combat airplanes were accepted during the second quarter of May plus one for service combat airplanes and 99 for trainers. In addition, there were 25 spare engines accepted, and 45 unclassified engines. May deliveries of engines for combat airplane installation continue strong although not record-breaking. Rather disappointing has been the delivery of only 31 Allison installation engines during the first two quarters of May. Allison will have to make very heavy deliveries during the last two quarters of the month to meet its May estimates of 96 installation units.

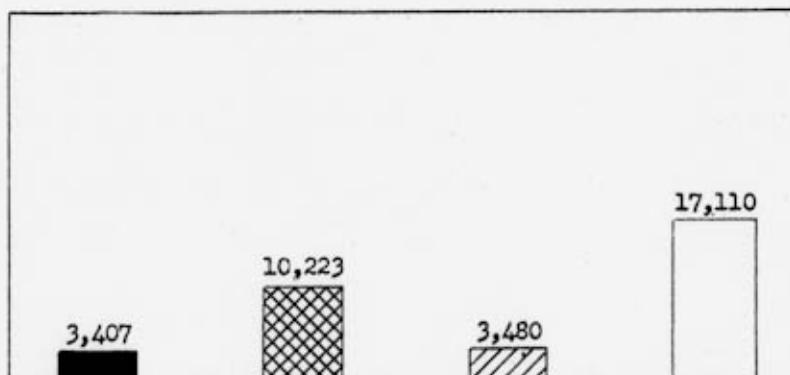
STATUS OF PROJECT AIRPLANE PROGRAMS - MAY 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

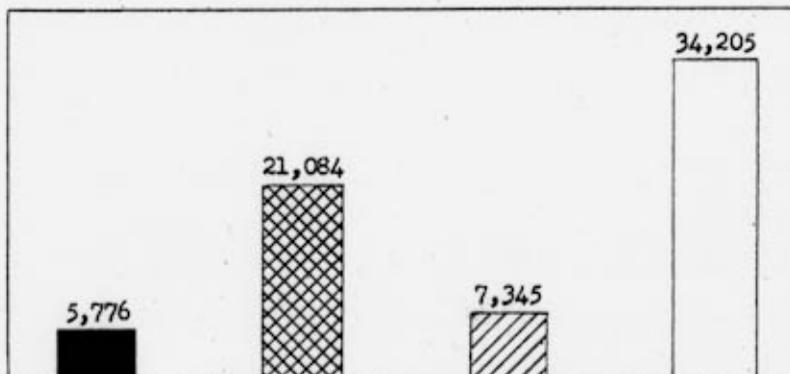
Tactical Programs



Trainer Programs



Total Programs



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

TABULAR SUMMARY - AIR CORPS PROCUREMENT - MAY 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 5/15/41	Pending (less awards)		Proposed 12,000 program (b)
					F.Y. 1941 "B" programs	10,375 Fifth Supp.	
Airplanes							
Heavy bomber	2,246	1,046	46.6	81	-	1,200	800
Medium bomber	4,616	2,216	48	112	-	2,400	1,200
Light bomber	1,382	1,382	100	131	-	-	1,000
Pursuit, fighter	709	709	100	20	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	656	-	-	4,850
Observation	1,308	1,308	100	36	-	-	-
Transport	1,055	790	74.9	25	-	265	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	15,801	11,936	75.5	1,075	-	3,865	9,240
Trainers							
Primary trainer	5,040	4,440	88.1	1,427	-	600	900
Basic trainer	5,051	5,051	100	840	-	-	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	460	-	1,000	360
Adv. trainer, 2-eng.	3,082	1,202	39	40	-	1,880	600
Total Trainer	16,470	12,990	60.5	2,767	-	3,480	2,760
Grand Total	32,271	24,926	77.2	3,842	-	7,345	12,000
Engines							
Heavy bomber	8,988	4,188	46.6	881	-	4,800	3,200
Medium bomber	9,232	4,432	48	549	-	4,800	2,400
Light bomber	2,576	2,436	94.6	487	140	-	2,000
Pursuit, fighter	1,420	1,394	98.2	56	26	-	2,300
Pursuit, interceptor	4,394	4,340	98.8	684	54	-	4,850
Observation	2,083	1,901	91.3	350	182	-	-
Transport	2,130	1,590	74.6	85	-	540	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	31,005	20,463	66	3,126	402	10,140	15,230
Trainer Engines							
Primary trainer	5,040	3,540	70.2	1,874	-	1,500	900
Basic trainer	5,051	3,051	60.4	1,046	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	69.7	835	-	1,000	360
Adv. trainer, 2-eng.	6,164	2,164	35.1	638	-	4,000	1,200
Total Trainer	19,552	11,052	56.5	4,393	-	8,500	3,360
Grand Total	50,557	31,515	62.3	7,519	402	18,640	18,590

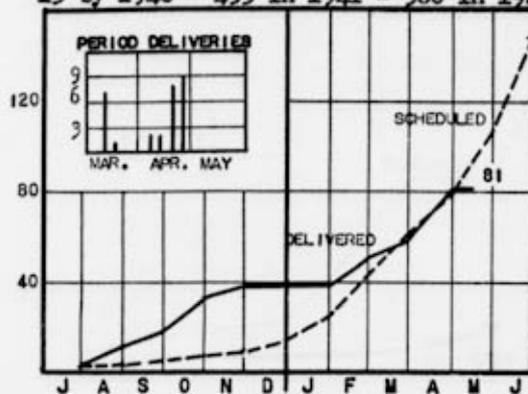
(a) Project airplane contracts current June 30, 1940 with matching installation engine contracts - plus F.Y. 1941 programs for project airplanes and installation engines.

(b) Not yet authorized - not included in current program column.

AIRPLANES

1046 HEAVY BOMBERS

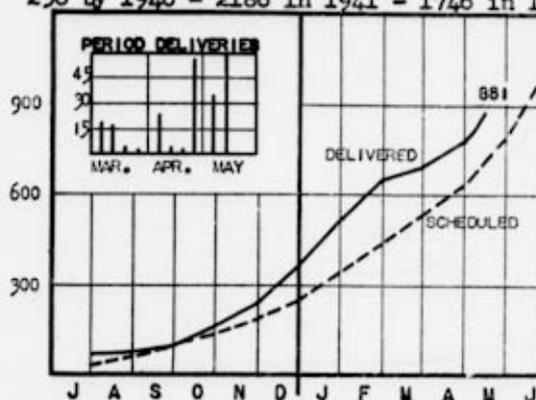
13 by 1940 - 453 in 1941 - 580 in 1942



ENGINES

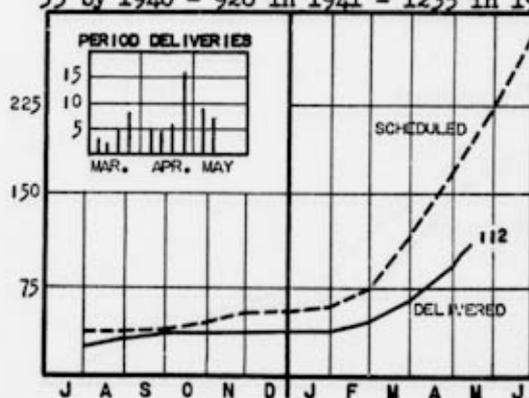
4188 HEAVY BOMBERS

256 by 1940 - 2186 in 1941 - 1746 in 1942



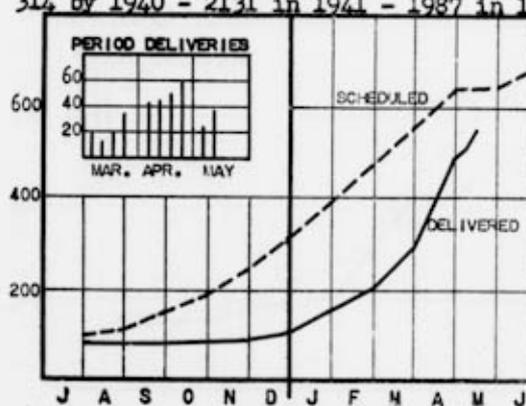
2216 MEDIUM BOMBERS

55 by 1940 - 926 in 1941 - 1235 in 1942



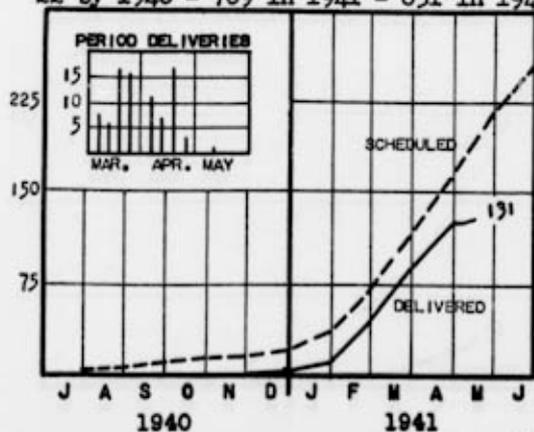
4432 MEDIUM BOMBERS

314 by 1940 - 2131 in 1941 - 1987 in 1942



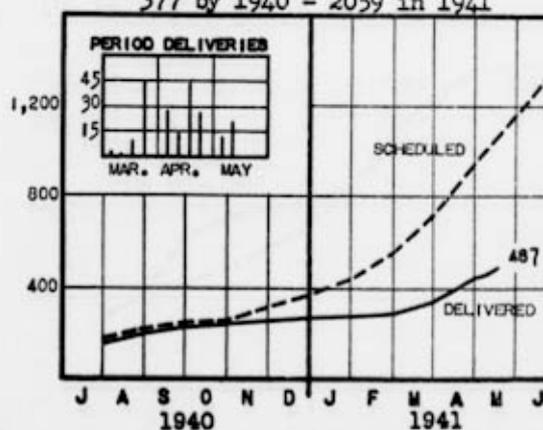
1382 LIGHT BOMBERS

22 by 1940 - 709 in 1941 - 651 in 1942



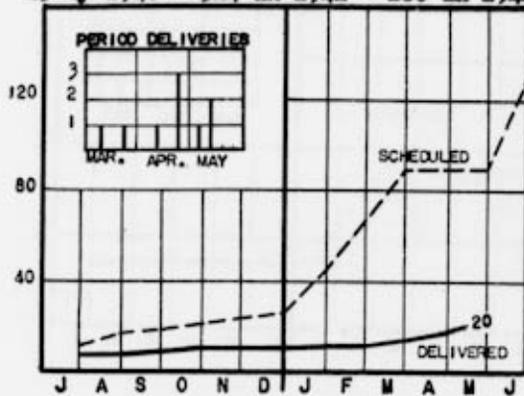
2436 LIGHT BOMBERS

377 by 1940 - 2059 in 1941



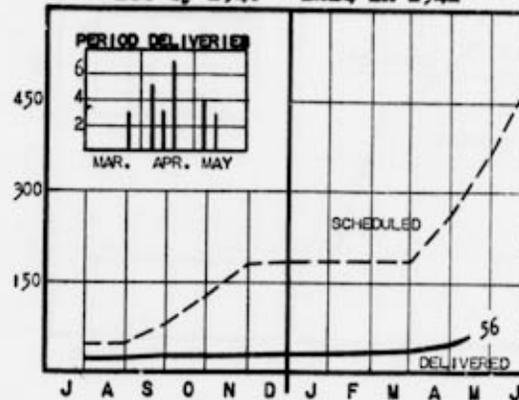
AIRPLANES

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

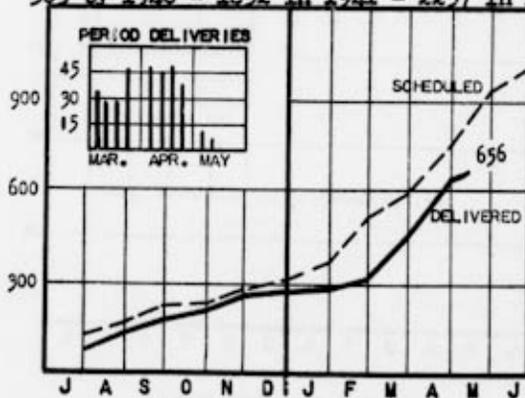


ENGINES

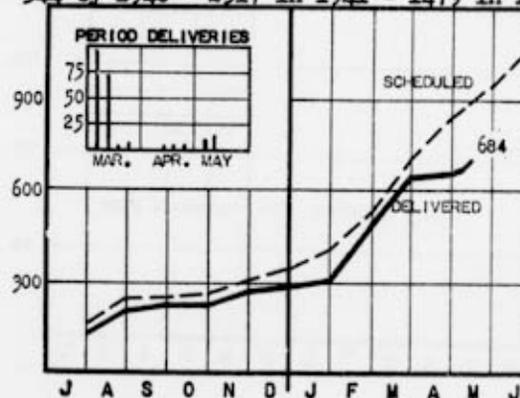
1394 PURSUIT FIGHTER
180 by 1940 - 1214 in 1941



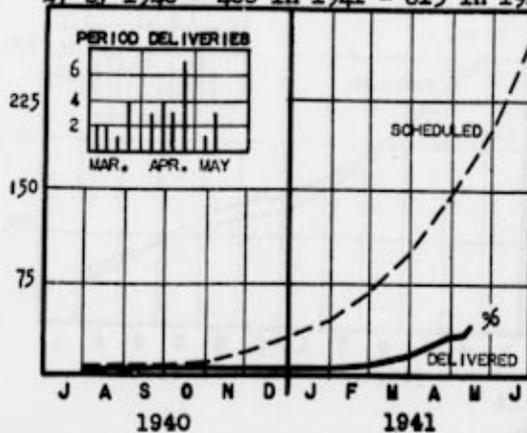
4394 PURSUIT INTERCEPTOR
305 by 1940 - 1832 in 1941 - 2257 in 1942



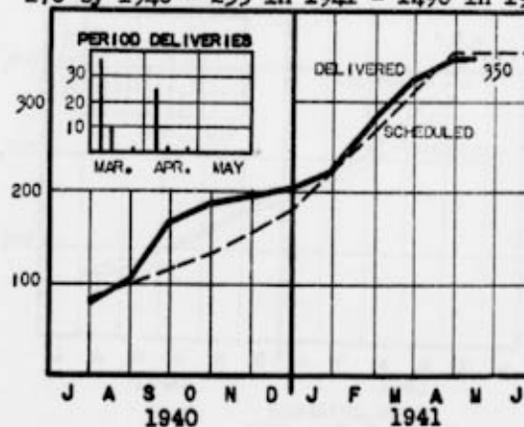
4340 PURSUIT INTERCEPTOR
344 by 1940 - 2517 in 1941 - 1479 in 1942



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



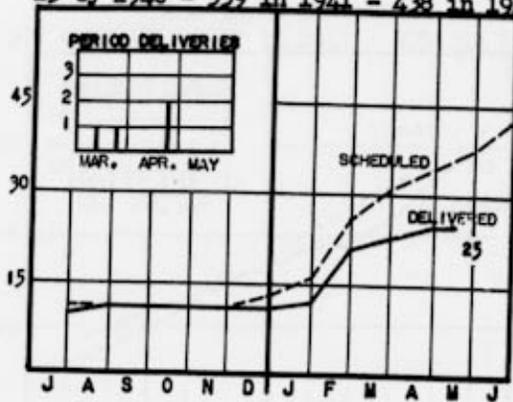
1901 OBSERVATION
176 by 1940 - 235 in 1941 - 1490 in 1942



AIRPLANES

790 TRANSPORT

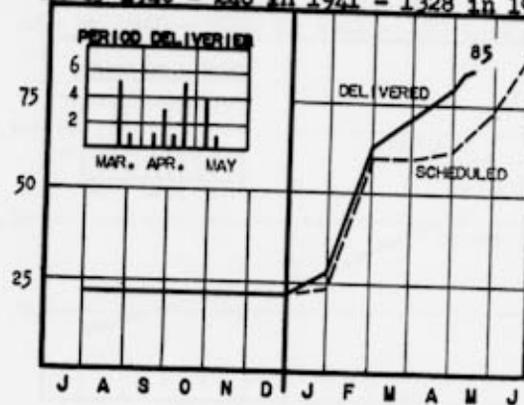
13 by 1940 - 339 in 1941 - 438 in 1942



ENGINES

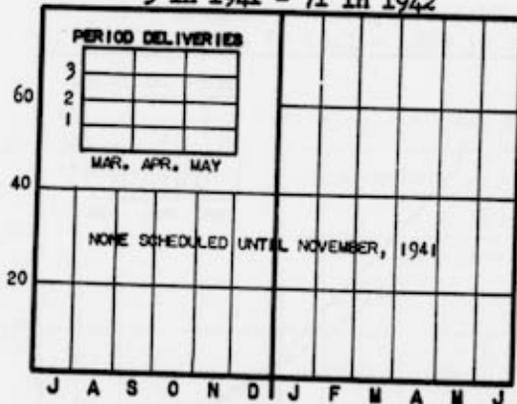
1590 TRANSPORT

22 by 1940 - 240 in 1941 - 1328 in 1942



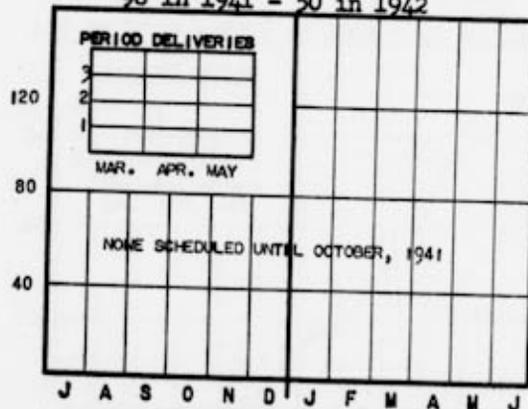
74 AMPHIBIAN

3 in 1941 - 71 in 1942



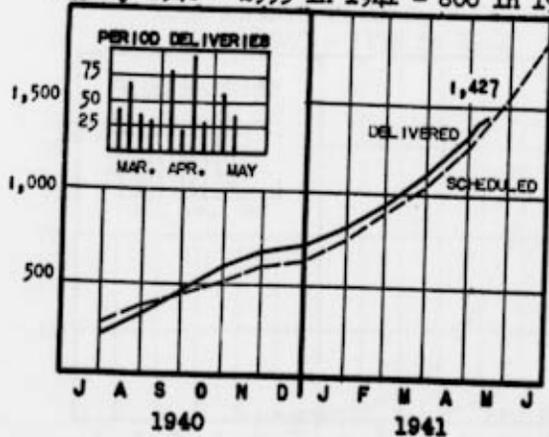
148 AMPHIBIAN

98 in 1941 - 50 in 1942



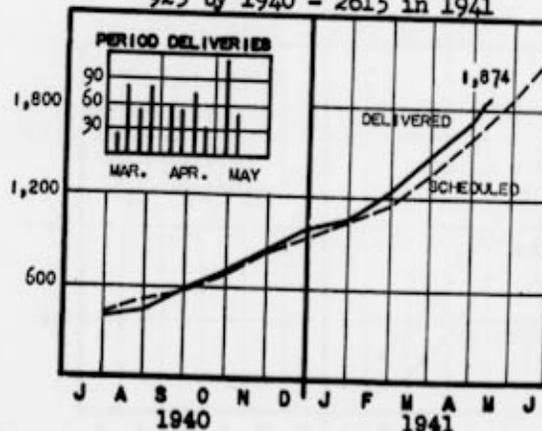
4440 PRIMARY TRAINER

645 by 1940 - 2995 in 1941 - 800 in 1942



3540 PRIMARY TRAINER

925 by 1940 - 2615 in 1941



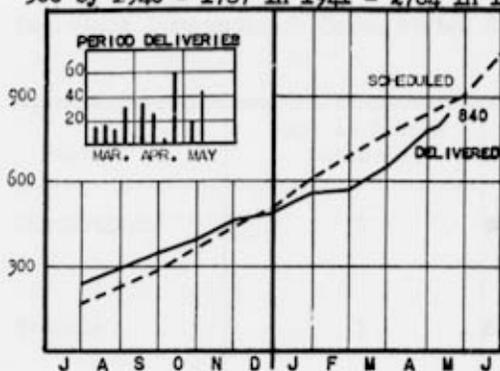
Air Corps
19

STATISTICS BRANCH
CUSH - WAR DEPARTMENT

5-26-41

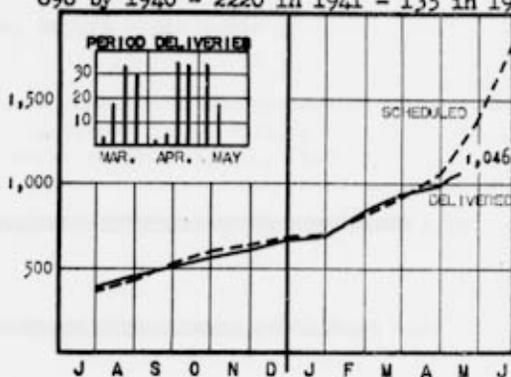
AIRPLANES

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

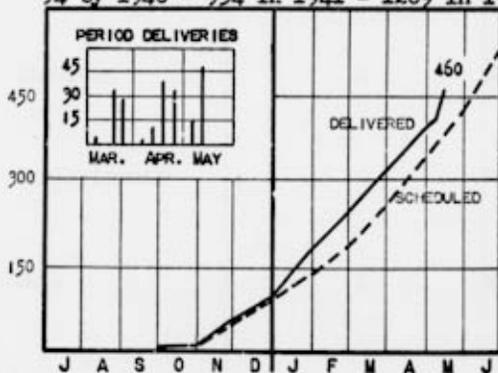


ENGINES

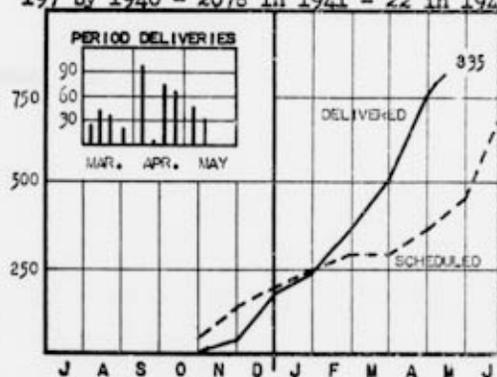
3051 BASIC TRAINER
696 by 1940 - 2220 in 1941 - 135 in 1942



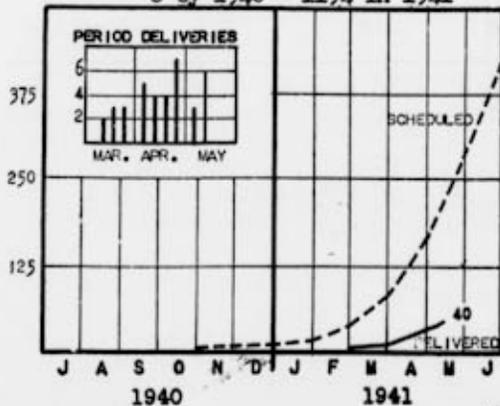
2297 ADVANCE TRAINER, 1 ENGINE
94 by 1940 - 934 in 1941 - 1269 in 1942



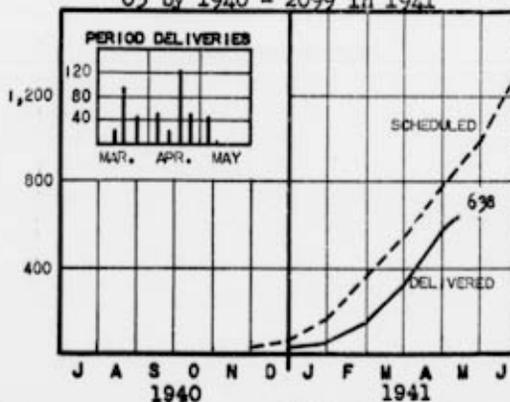
2297 ADVANCE TRAINER, 1 ENGINE
197 by 1940 - 2078 in 1941 - 22 in 1942



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



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



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

Source of Information: Consolidated Statistical Report - Air Corps

States	No. of plants expanding	Increase in productive workers since July 1, 1940
Connecticut	1	4,334
Indiana	1	4,080
New Jersey	1	3,725
Michigan	4	1,395
Pennsylvania	2	943
Ohio	1	482
New York	1	199
California	2	128
		TOTAL INCREASE 15,226

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - May 15, 1941

Source of Information: Statistics Branch, QMG

GENERAL -- As of May 8, 1941, contract awards have been made on 129 of 134 critical and essential quartermaster items. Of the total programs of the 129 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 86% has been contracted, 5% transferred from CCC; 7% is on directive and 2% remains to be procured. Contracts awarded during the week ended May 10, 1941 amounted to 5 million, of which 1½ million were for clothing and equipage, and 1 3/4 million for new construction of military posts.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended May 8, 1941 include:

Bag, field, canvas, o.d.	Pillow, feather
Boots, rubber, hip	Shirt, cotton, khaki
Cloth, cotton, twill, tentage	Shoes, service
Coat, B. & C.	Spoon, M-26
Duck, tent, cotton, khaki	Strap, spur, upper
Gloves, leather, heavy	Trousers, B. & C.
Netting, mosquito	Trousers, cotton, khaki

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

DELIVERIES -- During the quarter-monthly period ended May 8, 1941, deliveries were effected on all but 50 of the 134 items; of these, 19 items have been completely procured; 13 are on schedule; 7 have no current schedule; 11 are behind schedule, including the following critical items:

Belt, cartridge, mtd.	Suspenders, belt, M-36
-----------------------	------------------------

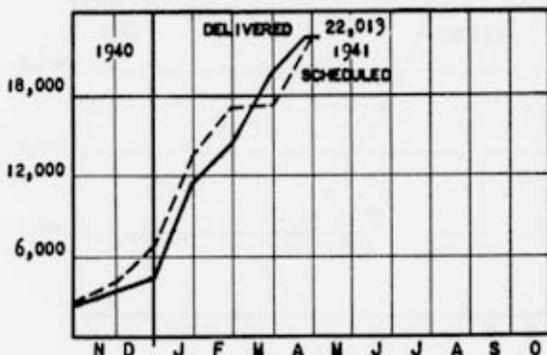
SCHEDULES and DELINQUENCIES -- Of the 134 basic items, 76 are on or ahead of schedule; 8 have no current schedule; 50 are behind schedule. Items currently more than 20% delinquent and also behind March 31st schedules are:

Chest, supply, pack	(84%)	Goggles	(30%)
Bag, canteen	(64%)	Bag, money, leather	(29%)
Can, milk	(54%)	Roll, bedding, w/proof	(26%)
Scabbard, subMG, cal.45	(53%)	Cloth, cotton, w/w res.	(25%)
Tent, storage	(41%)	Saddle, Phillips, cargo	(22%)
Tent, assembly	(34%)		

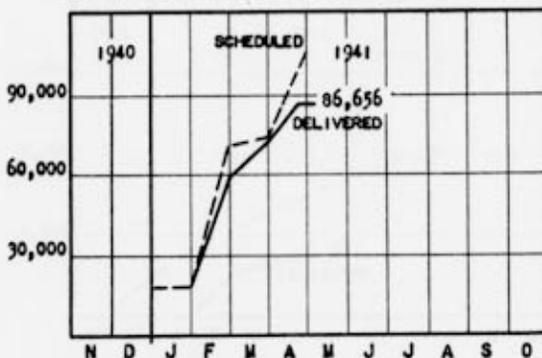
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 8, 1941

Source of Information: Statistics Branch, OQMG

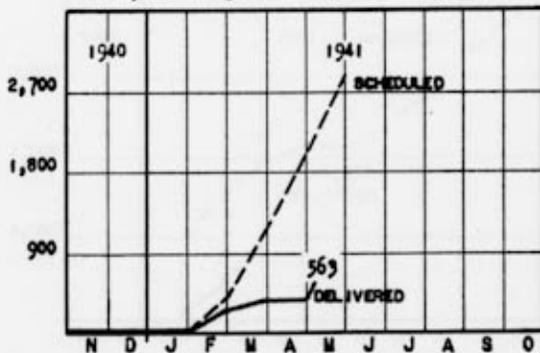
Bag, water, sterilizing. Program-25754



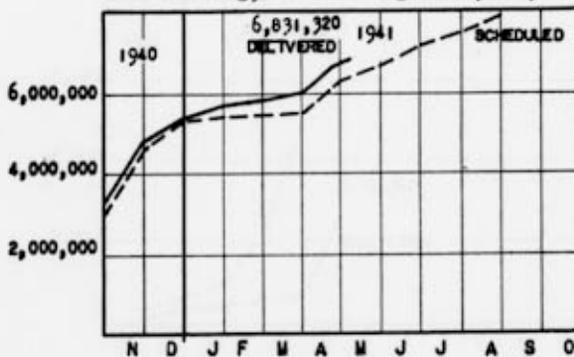
Belt, suspenders, M36. Program-106,256



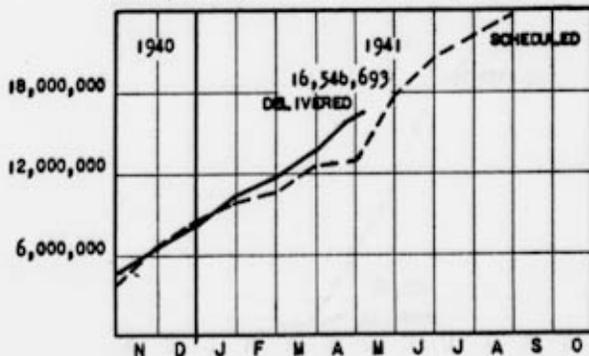
Tent, storage. Program - 3,543



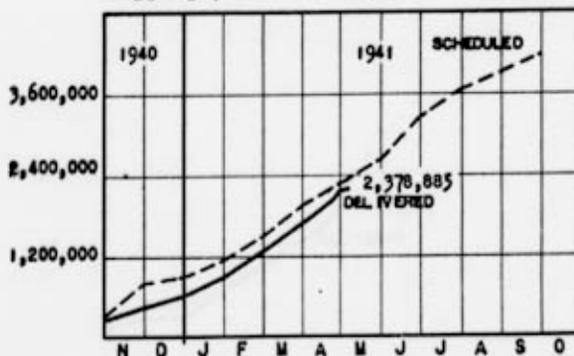
Overcoating, 32 oz. Program-7,872,942



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



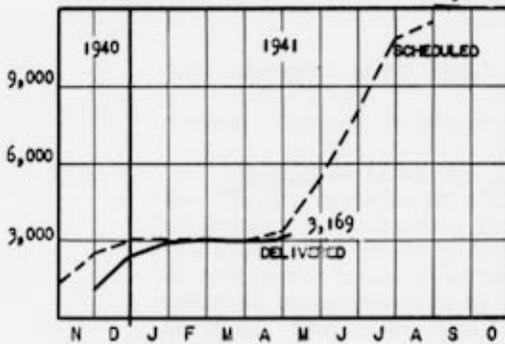
Leggings, dismtd. Program - 4,139,743



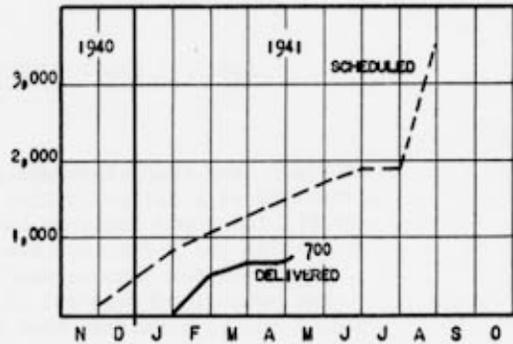
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - MAY 8, 1941

Source of Information: Statistics Branch, OQMG

Range, field, M1937. Program - 11,500



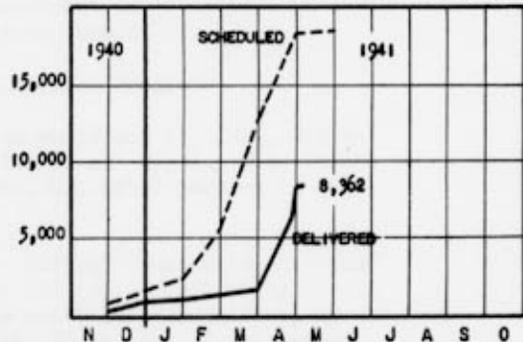
Saddle, Phillips, pack. Program-3,500



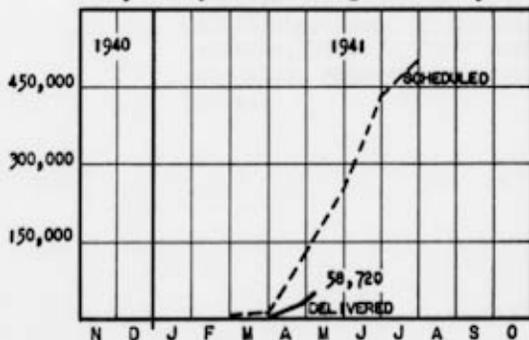
Saddle, Cavalry. Program - 5,828



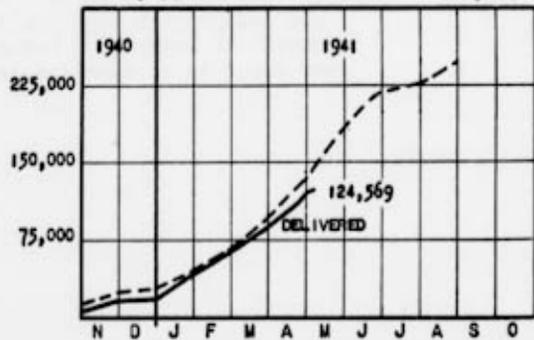
Scabbard, subMG, cal.45. Program-18,338



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



Tent, pyramidal. Program - 382,853



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - May 15, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of May 15, 1941, contracts have been awarded for 174,561 vehicles of all types, obligating funds to the extent of 225 million dollars. The combined programs now total 175,956 vehicles, of which 99 percent has been contracted and 48 percent of contracted amounts delivered. These amounts include 7,417 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 3 vehicles at a cost of 5,707 dollars. These vehicles consist of:

3 K-19 Communication Trailers

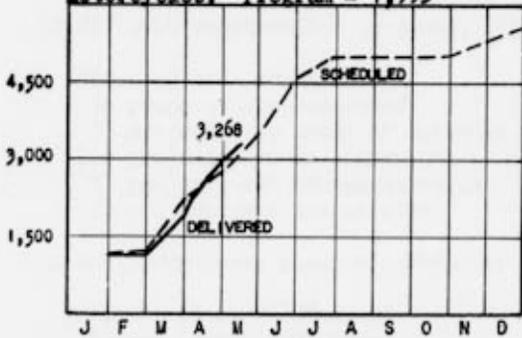
DELIVERIES -- During the period ended May 15, 1941, deliveries were reported on 4,344 vehicles of all types. This brings the cumulative delivery figure to 84,290, or 48 percent of the combined programs.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 90,239 vehicles were scheduled for delivery by May 15, 1941. This figure represents 51 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, 6,253 vehicles, distributed among 15 manufacturers are behind schedule; 304 vehicles, however, have been delivered in advance of estimated schedules, producing an overall net delinquency of 5,949 vehicles.

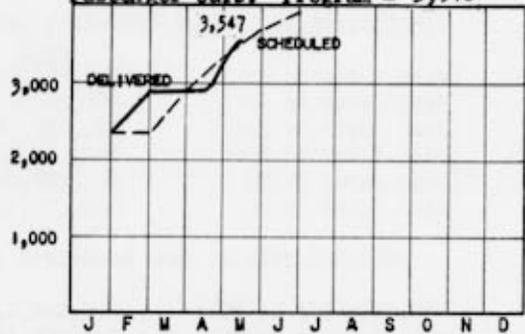
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - May 15, 1941

Source of Information: Statistics Branch, OQMG

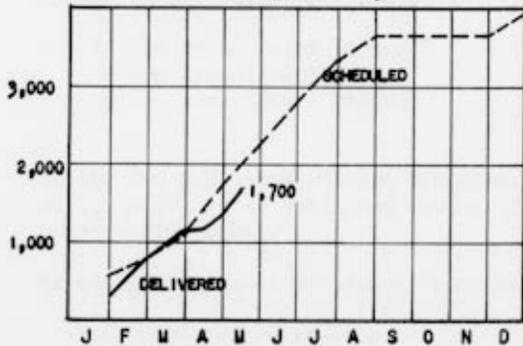
Motorcycles. Program - 7,993



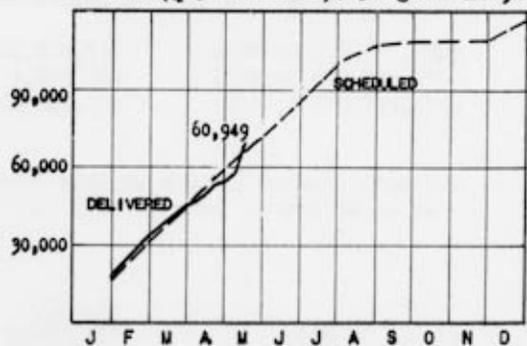
Passenger Cars. Program - 3,978



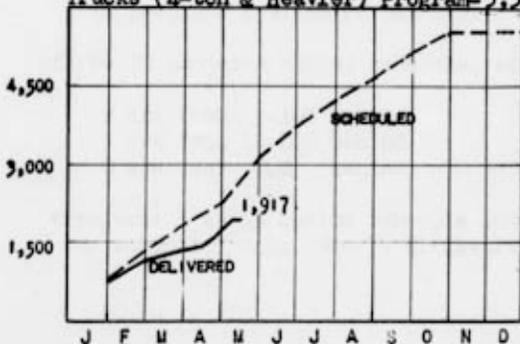
Ambulances. Program - 4,089



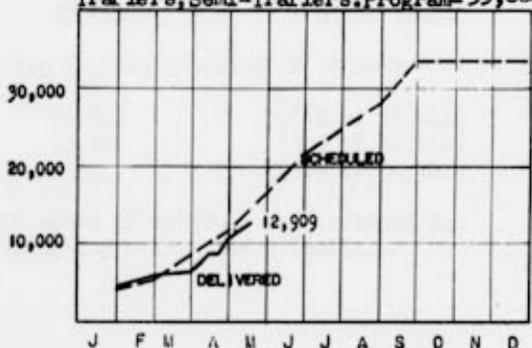
Trucks (1/2-3 ton incl). Program-120,262



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



Trailers, Semi-Trailers. Program-33,882



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - MAY 3, 1941

Source: Statistics Branch, OCMG - OUSW

Of 287 Q.M. construction projects, with a total estimated cost of \$1,374,413,551:

	<u>Cost</u>	
269 projects are started	\$1,342,139,923	(98% of total cost)
66 projects are completed	102,491,988	(8% of total cost)
33 projects are ahead of schedule	192,351,288	(14% of total cost)
149 projects are on schedule*	947,503,477	(69% of total cost)
21 projects are behind schedule	99,793,250	(7% of total cost)
18 projects are not started	32,273,628	(2% of total cost)

Of the 33 projects ahead of schedule, with an estimated cost of \$192,351,288:

15 are from 5-10% ahead	\$42,062,266	(22% of \$192,351,288)
10 are from 11-20% ahead	111,397,643	(58% of \$192,351,288)
8 are over 20% ahead	38,891,379	(20% of \$192,351,288)

Of the 21 projects behind schedule, with an estimated cost of \$99,793,250:

14 are from 5-10% behind	\$68,814,833	(69% of \$99,793,250)
4 are from 11-20% behind	9,892,982	(10% of \$99,793,250)
3 are over 20% behind	21,085,435	(21% of \$99,793,250)

Of the 287 Q.M. construction projects, 196 (68%) provide a troop housing capacity of 1,262,291 at an estimated cost of \$808,887,003 (59% of total estimated Q. M. construction cost).

Of the 196 projects providing troop housing:

	<u>Capacity</u>	
194 projects are started	1,262,251	(99% of total)
60 projects are completed	272,408	(22% of total)
24 projects are ahead of schedule	168,598	(13% of total)
100 projects are on schedule*	765,199	(61% of total)
10 projects are behind schedule	56,046	(4% of total)

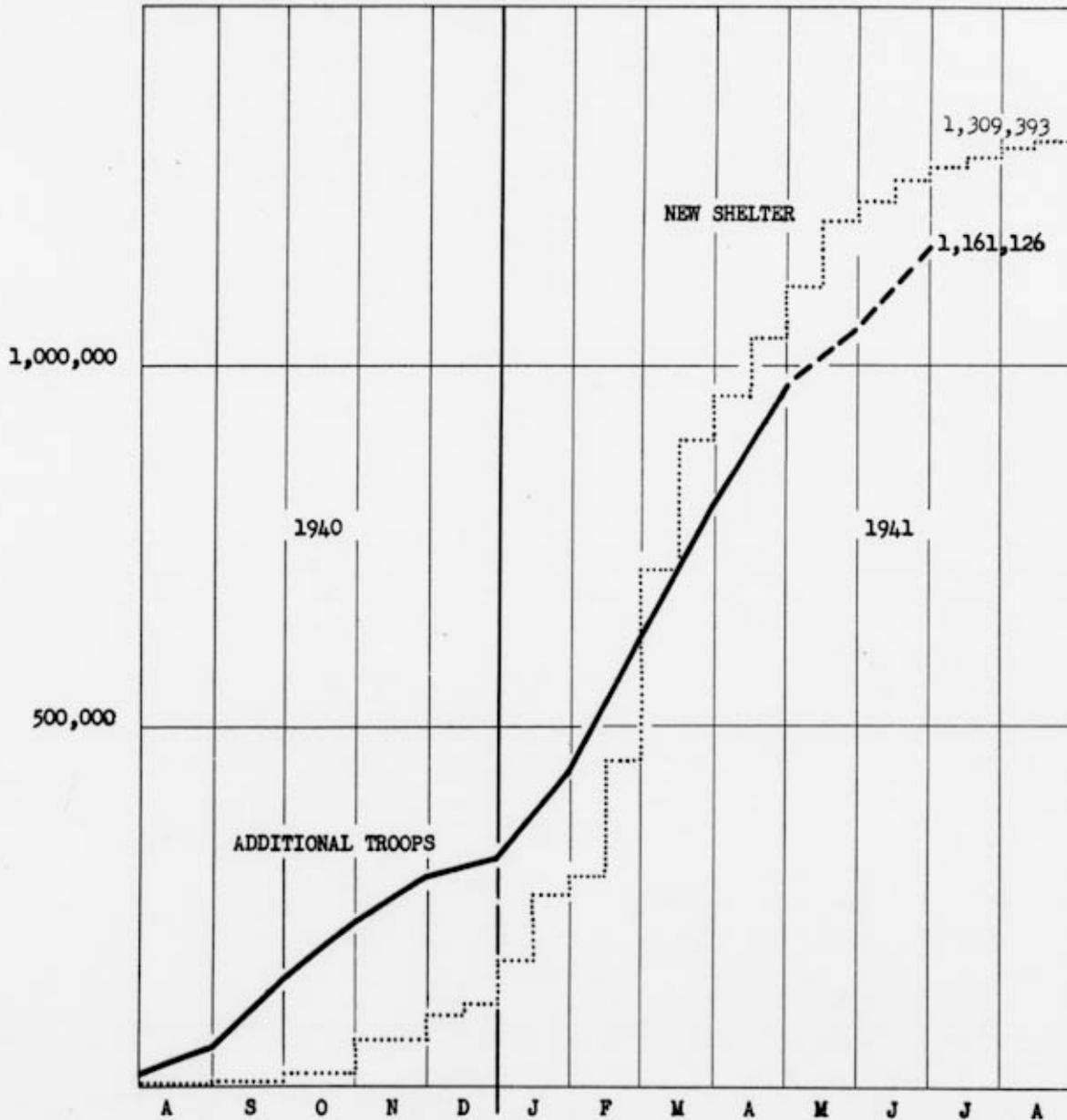
Of the 10 projects behind schedule, with a troop housing capacity of 56,046:

7 are from 5-10% behind	36,762	(66% of 56,046)
3 are from 11-20% behind	19,284	(34% of 56,046)
0 are over 20% behind	---	(0% of 56,046)

*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 10, 1941

Source of Information: Construction Division, OQMG - Statistics Branch, O.U.S.W.



* Includes projects to be completed by Corps of Engineers

Quartermaster Corps

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - GROUND - MAY 17, 1941

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

GENERAL - The status of the Signal Corps procurement program shows little change since the report of May 10. Numerous delinquencies persist although deliveries during the past week have sharply reduced quantities delinquent in some instances. A shortage of minor parts and accessories continues as a major obstacle to delivery of certain critical items, the major components of which are on hand.

Settlement of strike at Allen D. Cardwell on May 19, will facilitate the delivery of several important items of signal equipment, as this company holds 15 direct and 21 indirect Signal Corps contracts valued at close to one-half million dollars.

LABOR DIFFICULTIES - The strike at Feiner & Sons, Inc., New York City is still in progress and negotiations are reported as being deadlocked. The Crescent Tool Company, Jamestown, N.Y. employees are on strike called May 12. This company manufactures pliers and wrenches for the Signal Corps.

NEW CONTRACTS - No new contracts for critical items of signal equipment were awarded during the past week. Contracts covering many items to be procured under the Fifth Supplemental program, approved on April 5 and revised on April 29, will be awarded as soon as necessary purchase details are completed.

COMPLETED CONTRACTS - Last week a contract for 22,398 Head & Chest set HS-19 was completed.

DELIVERIES - Deliveries of critical items of Signal Corps equipment for ground troops, last week, included:

235 Charging set SCR-169	6 Radio set SCR-206
250 Chest BC-5	13 Radio set SCR-288
1,000 Coil C-114	88 Reel unit RL-26-A
30 Frequency meter set SCR-211	134 Telegraph set TG-5-A
723 Head & chest set HS-19	2,273 Telephone EE-8-A
2,139 Microphone T-30	140 Test set EE-65
250 Radio set SCR-194	3,681 (miles) Wire W-110-B

DELINQUENCIES - The following critical items of Signal Corps ground equipment under procurement are behind scheduled deliveries:

Quantity delinquent	Item	Quantity delinquent	Item
20	Charging set SCR-169	a/ 979	Radio set SCR-245
836	Frequency meter set SCR-211	30	Radio set SCR-268
200	Interphone equipment RC-48	30	Radio set SCR-270
a/ 275	Radio set SCR-131	12	Radio set SCR-271
a/ 75	Radio set SCR-171	53	Radio set SCR-288
b/ 232	Radio set SCR-178	352	Reel cart RL-16
a/ 84	Radio set SCR-193	89	Reel unit RL-26-A
c/ 164	Radio set SCR-194	d/ 44	Theodolite ML-47
18	Radio set SCR-206		

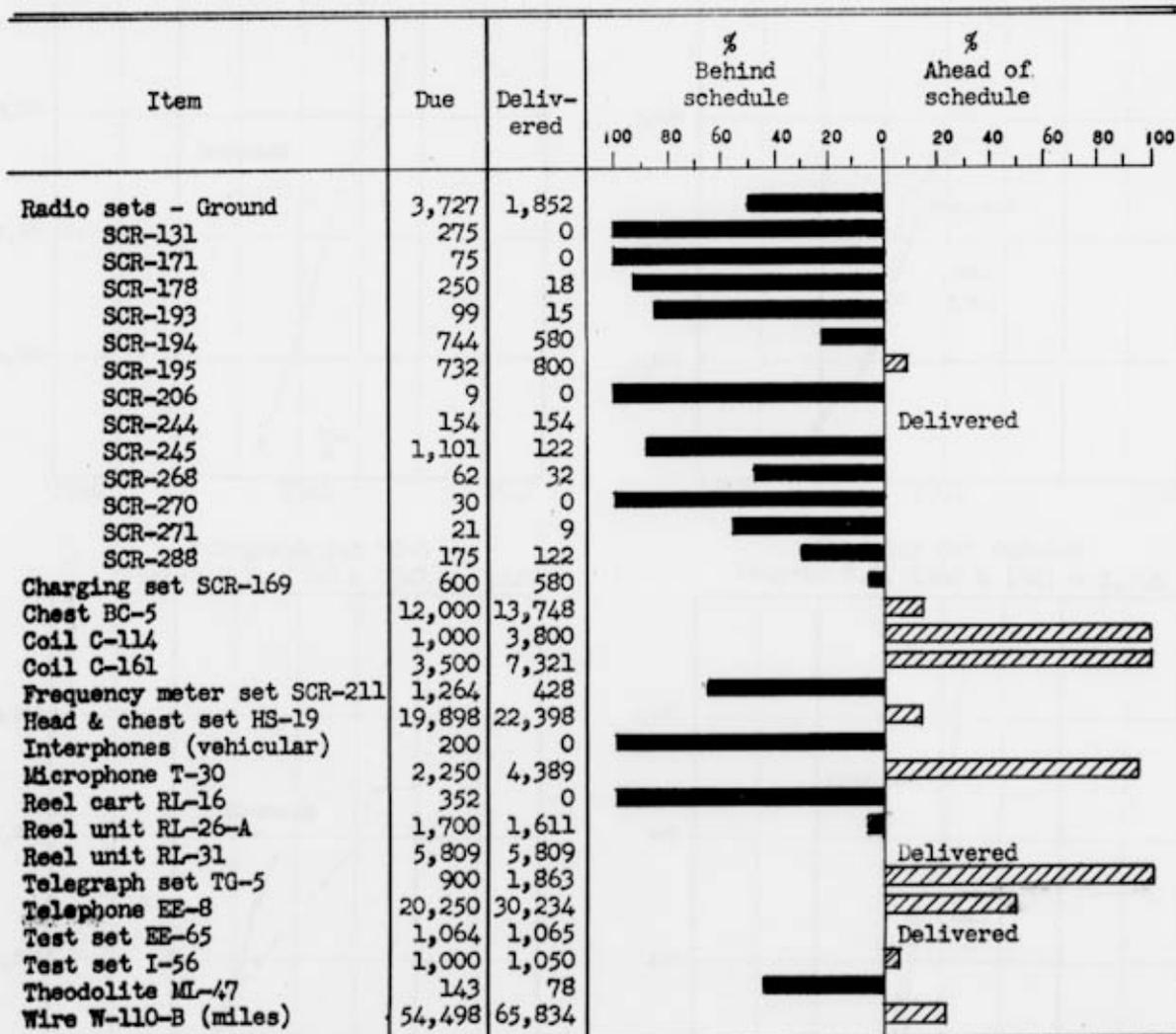
a/ Delinquent quantities are awaiting delivery of minor accessories; b/ Awaiting delivery of 508 Insulator IN-85; c/ 2,232 awaiting delivery of Microphone T-24; d/ Erroneously reported delivered on report of April 26.

Signal Corps

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - GROUND EQUIPMENT - MAY 17, 1941

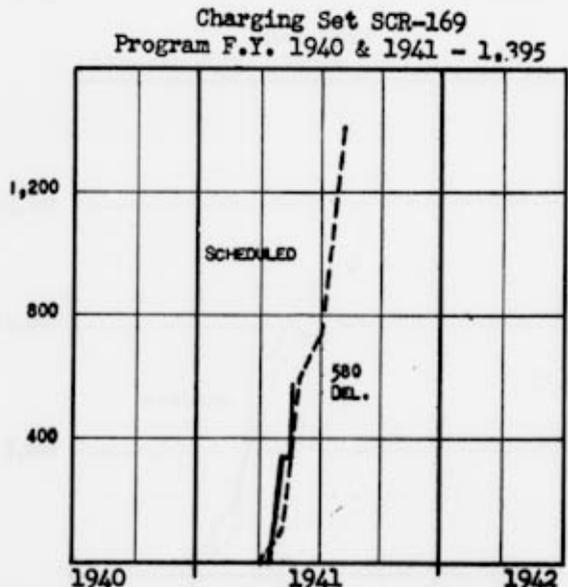
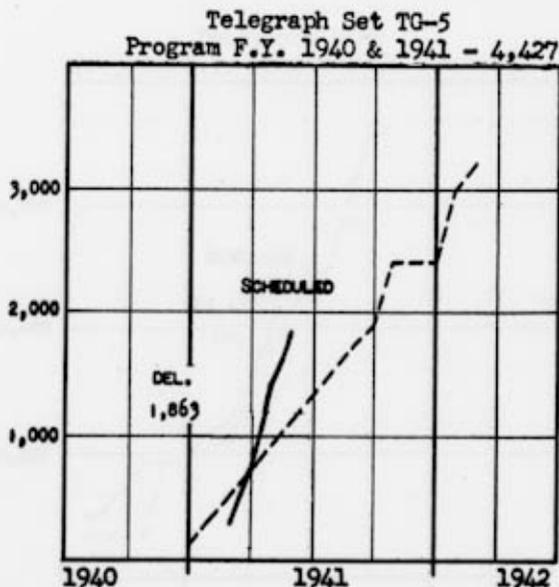
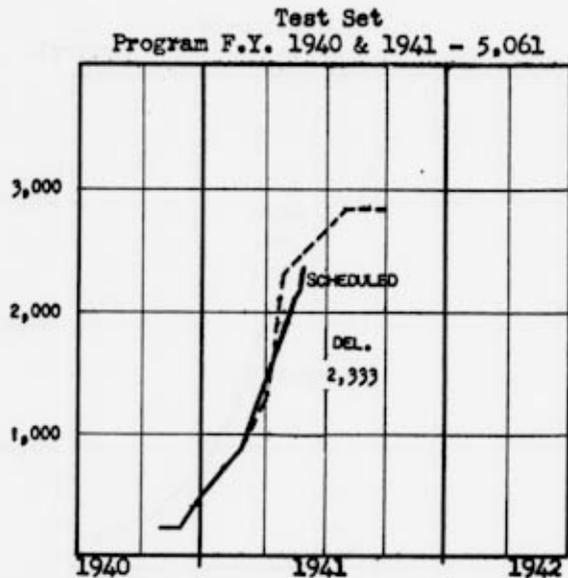
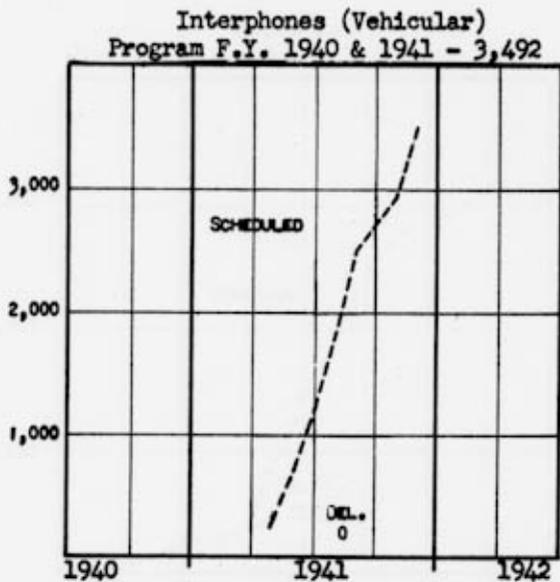
Source of Information: Supply Division, Office of the Chief Signal Officer.

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.



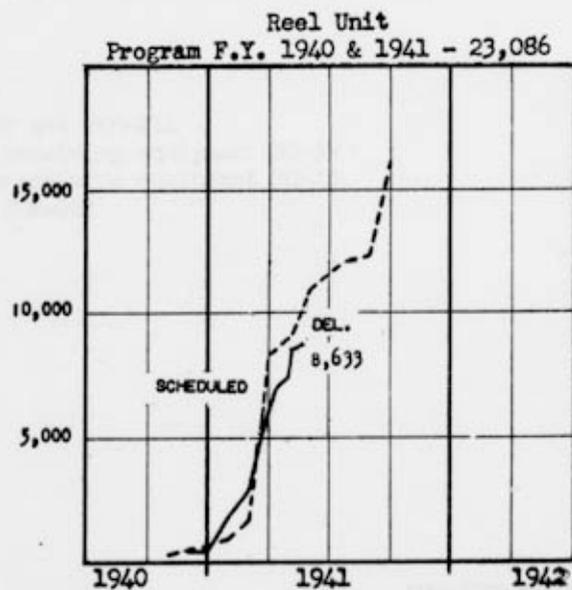
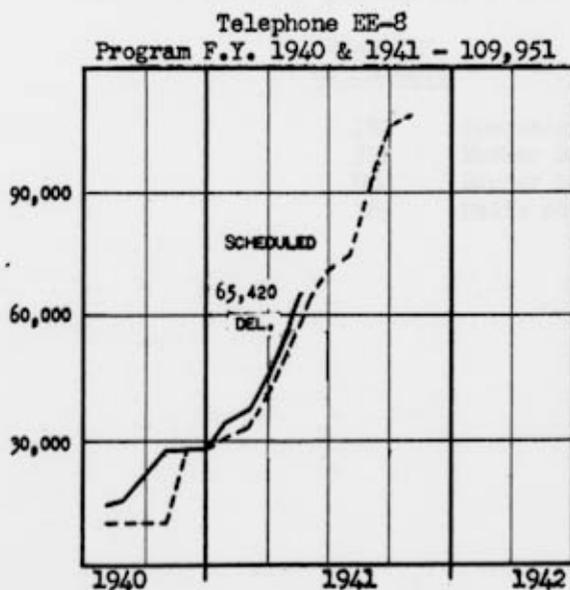
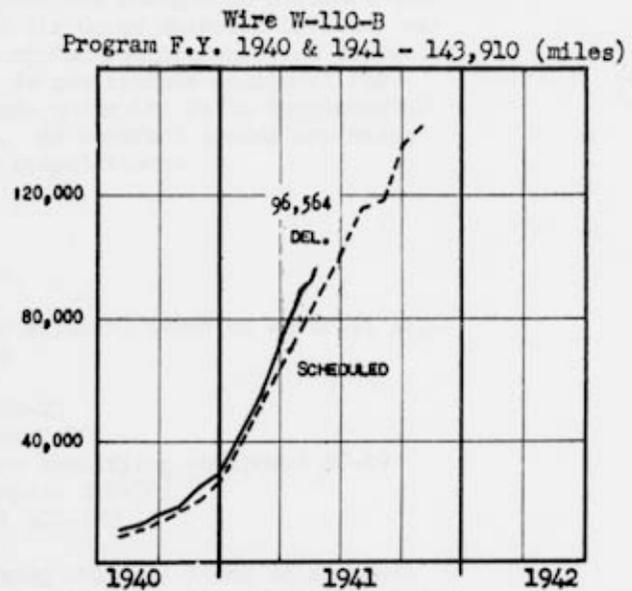
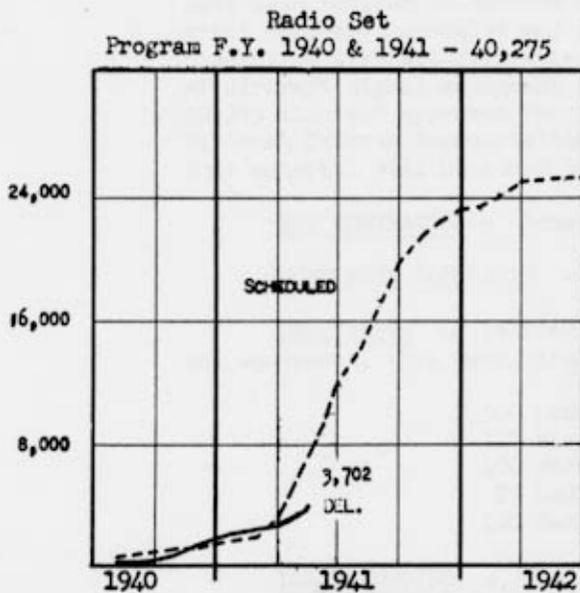
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 17, 1941

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



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF MAY 17, 1941

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



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - AIRCRAFT - MAY 17, 1941

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

GENERAL - Diagrams pertaining to aircraft signal equipment have been revised to conform with numerous changes in aircraft contract delivery schedules and latest Air Corps Materiel Division estimates of aircraft deliveries. Computed requirements and schedules of aircraft signal equipment shown do not include equipment for 10,375 aircraft approved for purchase under the Fifth Supplemental National Defense Appropriation Act. As contract awards are made, this material will be added to the computations.

NEW CONTRACTS - None.

COMPLETED CONTRACTS - None.

DELIVERIES - Deliveries of critical items of aircraft signal equipment, this week, included:-

2,500 Headset HS-23
121 Microphone T-20
100 Microphone amplifying equipment RC-19
15 Radio compass SCR-263
100 Radio set SCR-183

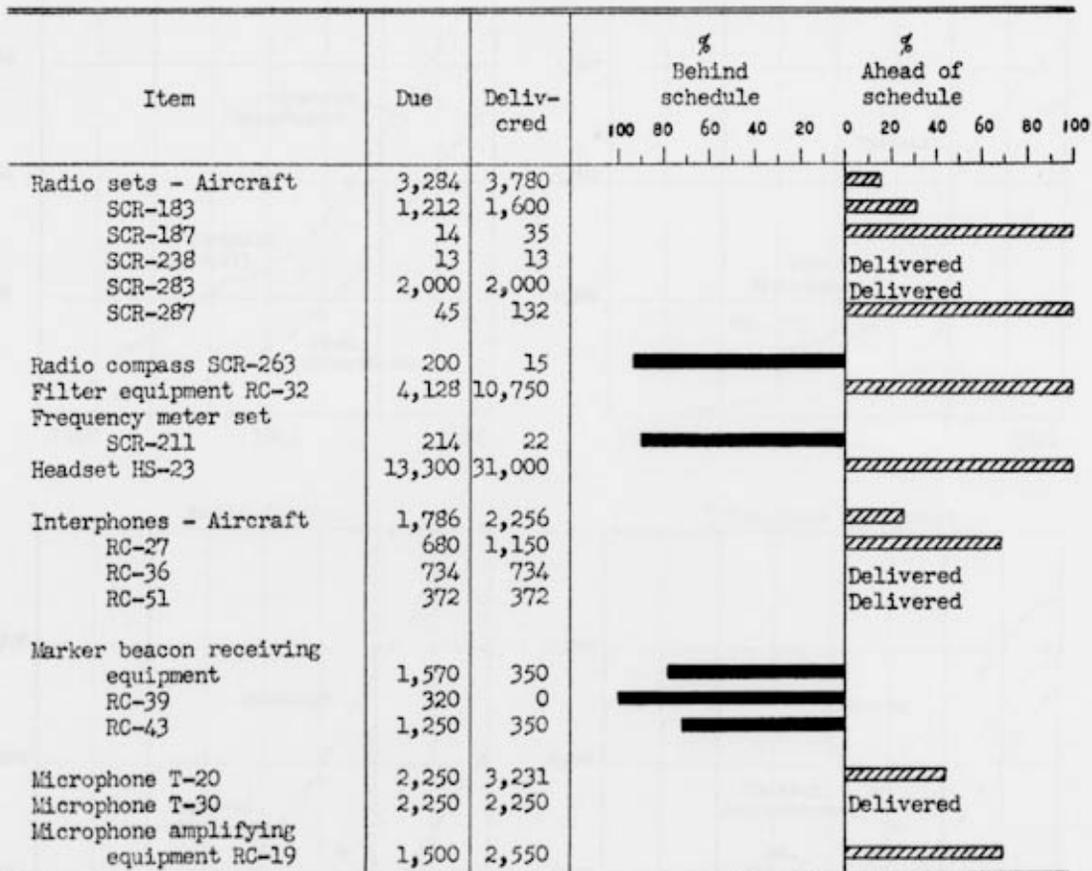
DELINQUENCIES - The following critical items of aircraft signal equipment under procurement are behind scheduled deliveries:-

<u>Quantity delinquent</u>	<u>Item</u>
192	Frequency meter set SCR-211
320	Marker beacon receiving equipment RC-39
900	Marker beacon receiving equipment RC-43
185	Radio compass SCR-263

STATUS OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AIRCRAFT - MAY 17, 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.



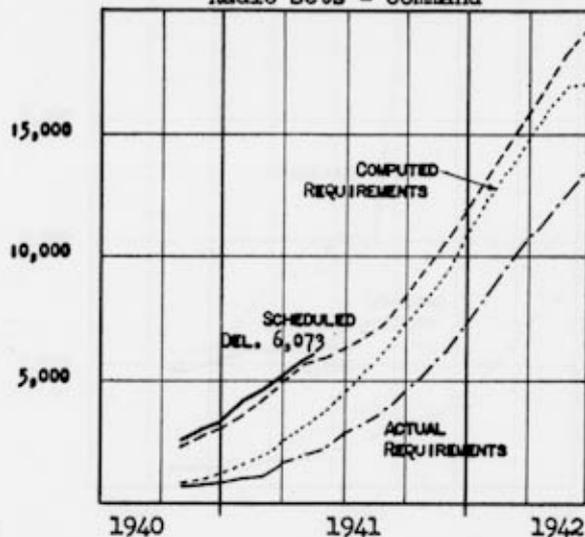
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - MAY 17, 1941

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

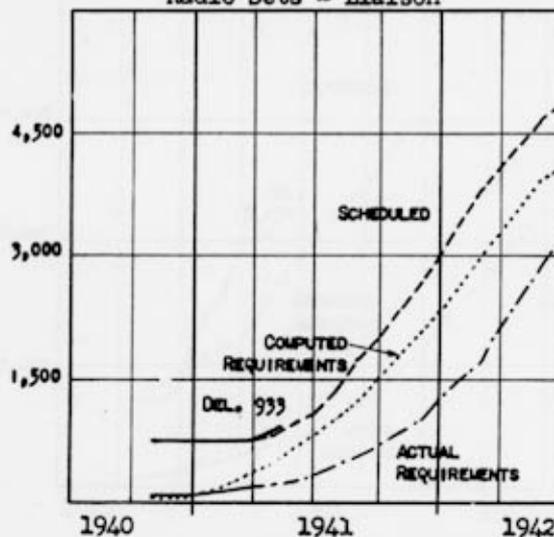
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS SHOWN ARE BASED UPON ACTUAL PLANE DELIVERIES AND HAVE BEEN PROJECTED IN ACCORDANCE WITH AIR CORPS MATERIEL DIVISION ESTIMATES OF PLANE DELIVERIES. COMPUTED AND ACTUAL DELIVERIES ARE INITIAL AND CONTAIN NO MAINTENANCE FACTOR.

COMPOSITE FIGURES ARE SHOWN - ALL TYPES OF THE VARIOUS ITEMS OF EQUIPMENT BEING GROUPED IN THE INTEREST OF SIMPLICITY.

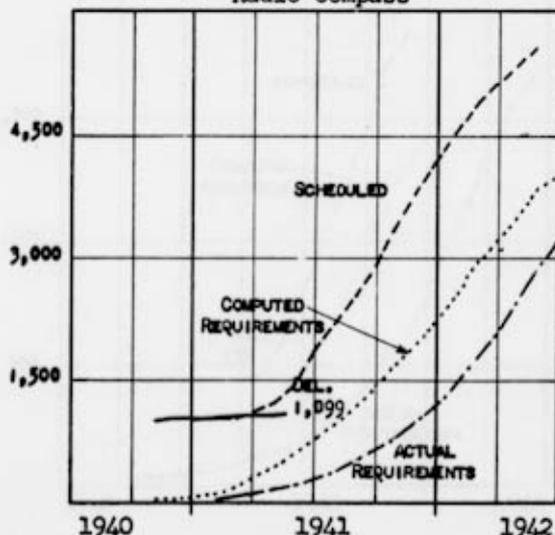
Radio Sets - Command



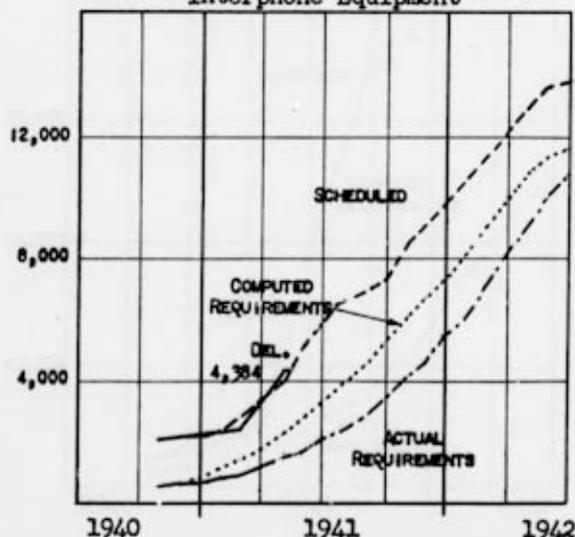
Radio Sets - Liaison



Radio Compass



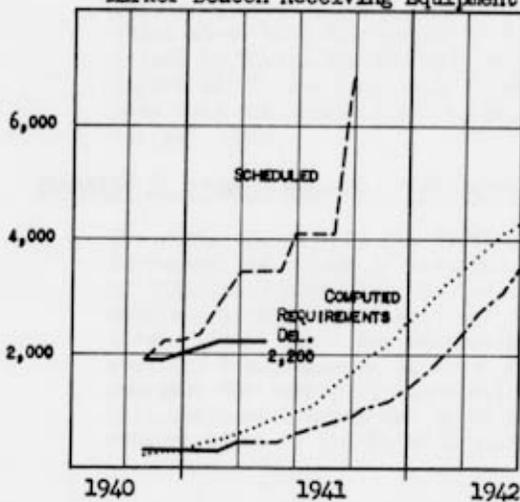
Interphone Equipment



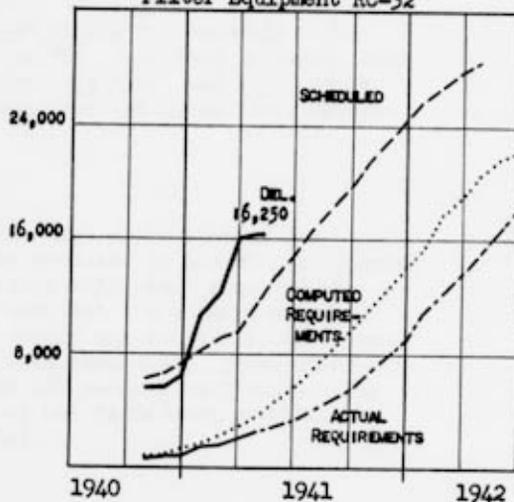
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - MAY 17, 1941 (PAGE II)

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

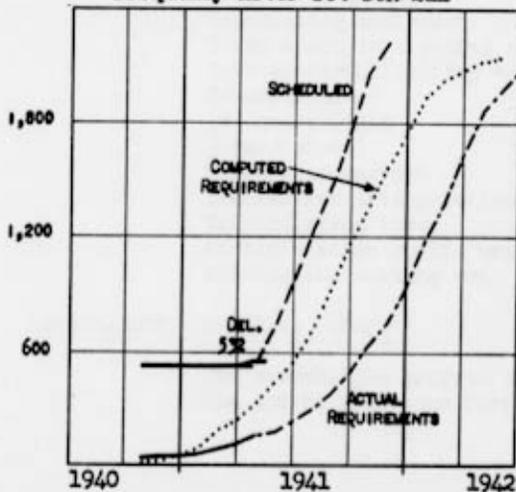
Marker Beacon Receiving Equipment



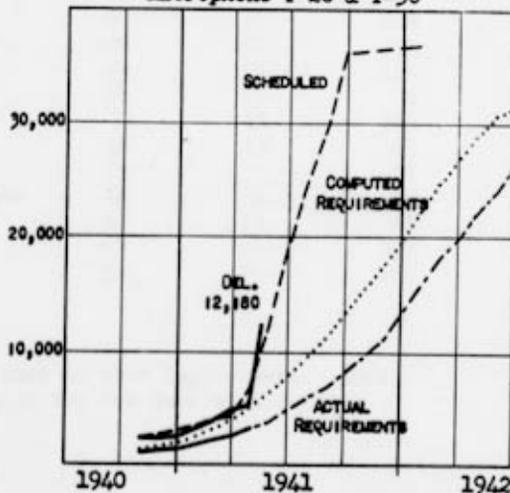
Filter Equipment RC-32



Frequency Meter Set SCR-211



Microphone T-20 & T-30



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

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

GENERAL

Procurement of Engineer materiel is continuing to lag behind schedules. About one-half the items on which deliveries were due received less than the scheduled amounts during the past quarter-month since May 8. This situation is reflected in the Index of Engineer Procurement, which shows that the actual is 7 points behind the schedule. The actual is 70 and the schedule calls for 77. An actual delivery index figure of 70 is a very good showing for this time, but still it is less than the amount that the Engineers have set up as their program for this date.

INCREASE IN ITEMS COMPLETELY CONTRACTED

The funds provided by the Fifth Supplemental Appropriation Act increased the amount of materiel to be procured in almost all classes of Engineer equipment. The new contracts which were required to obtain this additional materiel have been let for a large number of items. Since May 1 the contracts to obtain all the additional materiel for the following 12 items have been completed. These contracts increase the number of items which are 100 percent contracted. The list includes 2 items for which part of the funds were provided in acts previous to the Fifth Supplemental.

	No.	Contracted	
	5th Sup.	May 1 - 15	Program
Compass, lensatic	4208	4208	117,402
Duplicating equipment	69	69	229
3 kva electric lighting equip.	101	101	571
5 kw electric lighting equip.	49	49	166
Concrete mixer	21	21	99
18" searchlight	0	55	160
$\frac{1}{2}$ -yard shovel	18	18	63
Stereocomparagraph	7	7	57
Trailer for triangulation tower	26	26	66
Triangulation tower	13	13	33
Portable water purif. unit	81	120	337
Welding and cutting set	51	51	182

SEARCHLIGHT, 60" ANTI-AIRCRAFT

The searchlight program continues to show improvement. Both the Sperry Gyroscope Corporation and the General Electric

TEXT SUMMARY - Continued

Company exceeded their scheduled rates. The General Electric Company cut down its behind schedule amount from 28 to 19 searchlights by delivering 9 more than scheduled. It seems almost certain that the shortage of 21 lights will be made up in 2 weeks and that the General Electric Company will be on schedule by the end of May. The Sperry Corporation exceeded its weekly schedule of 28 lights by delivering 29. This rate must be increased substantially before the corporation is able to make up its shortage of 165 searchlights. The figures for the past month, April 15-May 15, show that the Sperry Corporation has almost exactly equaled its schedule.

	Shortage Apr. 15	Scheduled	Delivered	Shortage May 15
Sperry Corp.	168	107	110	165
General Electric	<u>58</u>	<u>75</u>	<u>112</u>	<u>21</u>
	226	182	222	186

On one of the following pages there is produced a diagram showing the combined weekly schedules and deliveries for the 60" antiaircraft searchlight. It shows that deliveries are regularly exceeding schedules, but does not show that there is a very large shortage of 186 lights behind schedule, and that this shortage is 18 percent of the number scheduled for May 15.

COMPRESSOR, AIR, MOTORIZED

Deliveries almost equaled schedule but the shortage remains at the high percentage of 12.

HAMMER, PAVING BREAKER

The shortage of a vanadium spring still prevents delivery of the gas hammer. The shortage has increased 46 to 274.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS - MAY 15, 1941

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

Scheduled Completion Dates

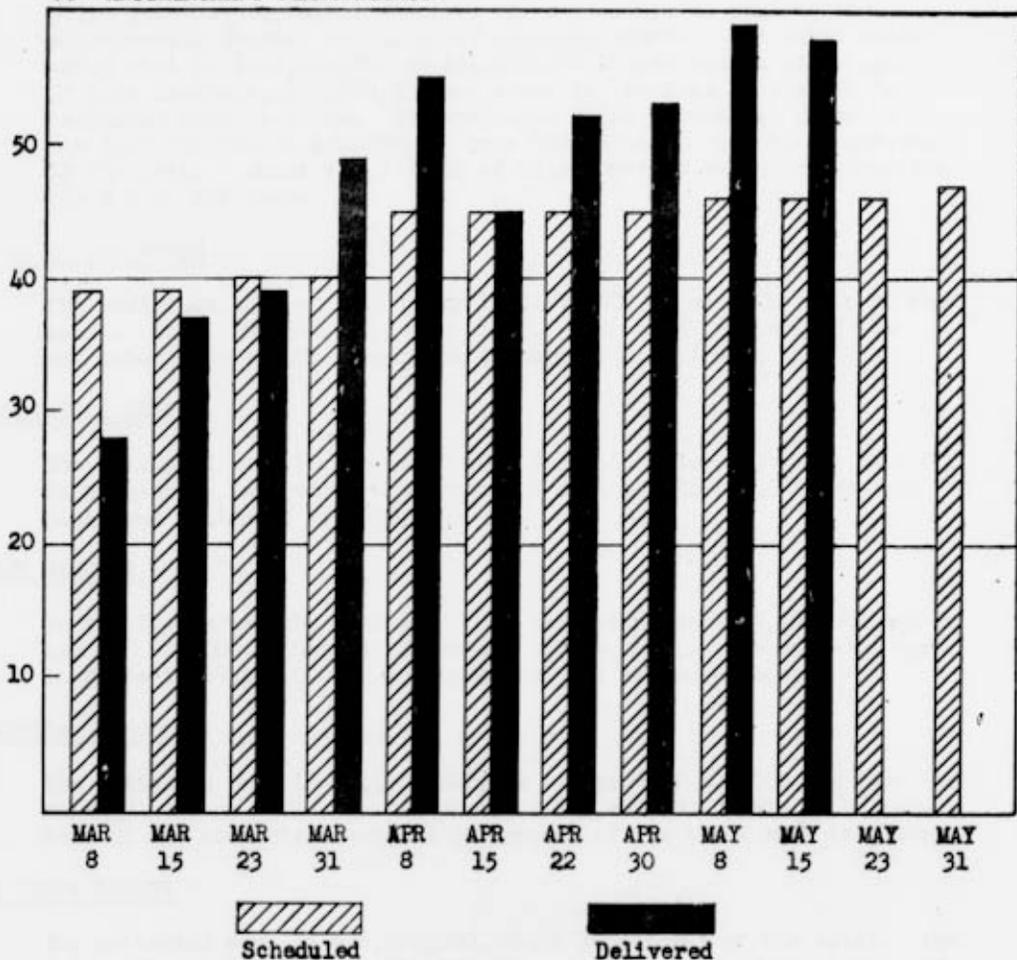
Item	Percentages												Program Plus on Hand
	J	F	M	A	M	J	J	A	S	O	N	D	
Angledozer, Tractor	100												656
Boat, assault	100												3,964
Mapping equip., Hqs.	100												9
Mixer, concrete	100												90
Welding set	100												149
Grader, road, mtzd.	97	100											102
Water Puri. Unit, port.	86	100											258
Trailer, med. tract.	45	77	100										609
Shovel, gas, 1/2 yd.	36	57	79	100									47
Shovel, gas, 3/8 yd.	68	84	95	100									94
Bridge, steel, H-20	0	0	0	90	100								10
Duplicating Equip.	0	1	1	38	100								160
Electric Equip., 5 kw.	45	45	64	85	100								212
Footbridge, M 1938	55	62	75	88	100								123
Mapping Equip., mtzd.	9	9	9	71	100								35
Searchlight, 18"	17	17	34	84	100								127
Auger, earth, mtzd.	78	78	78	78	87	100							91
Electric Equip., 3 kva	0	0	21	49	82	100							470
Hammer, gas operated	23	33	51	70	89	100							1,069
Ponton Equip., 10 -ton	27	45	67	82	98	100							93
Bridge, H-10	43	57	71	81	88	94	100						96
Ponton Equip., 25-ton	0	9	28	47	66	85	100						47
Water Puri. Unit, mtzd.	41	48	76	83	89	96	100						46
Compressor, air, mtzd.	47	57	65	73	81	88	96	100					975
Stereoscope, mirror	1	1	7	20	38	42	59	78	93	100			2,522
Searchlight, 60" AA	31	37	43	50	58	65	72	78	85	92	99	100	2,493
Stereoscope, lens	12	12	12	14	16	18	20	22	34	46	58	70	161
	J	F	M	A	M	J	J	A	S	O	N	D	

1941

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

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

60" ANTI-AIRCRAFT SEARCHLIGHTS



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, observation units, pilot schools, technical schools, Air Corps depots, engineering experimental depots, and aircraft assembly plants. The total estimated cost is \$347,800,000 or \$56,200,000 higher than a month ago. Of this increase, \$20,000,000 was added in the last half month to technical schools alone. The estimated value of work in place is now \$145,700,000 or \$25,500,000 more than a month ago and 42 percent of the total. About \$16,000,000 of this increase was in construction for G.H.Q. air force.

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.

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.

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.

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.

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.

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.

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 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.

TROOP CAPACITY

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.

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.

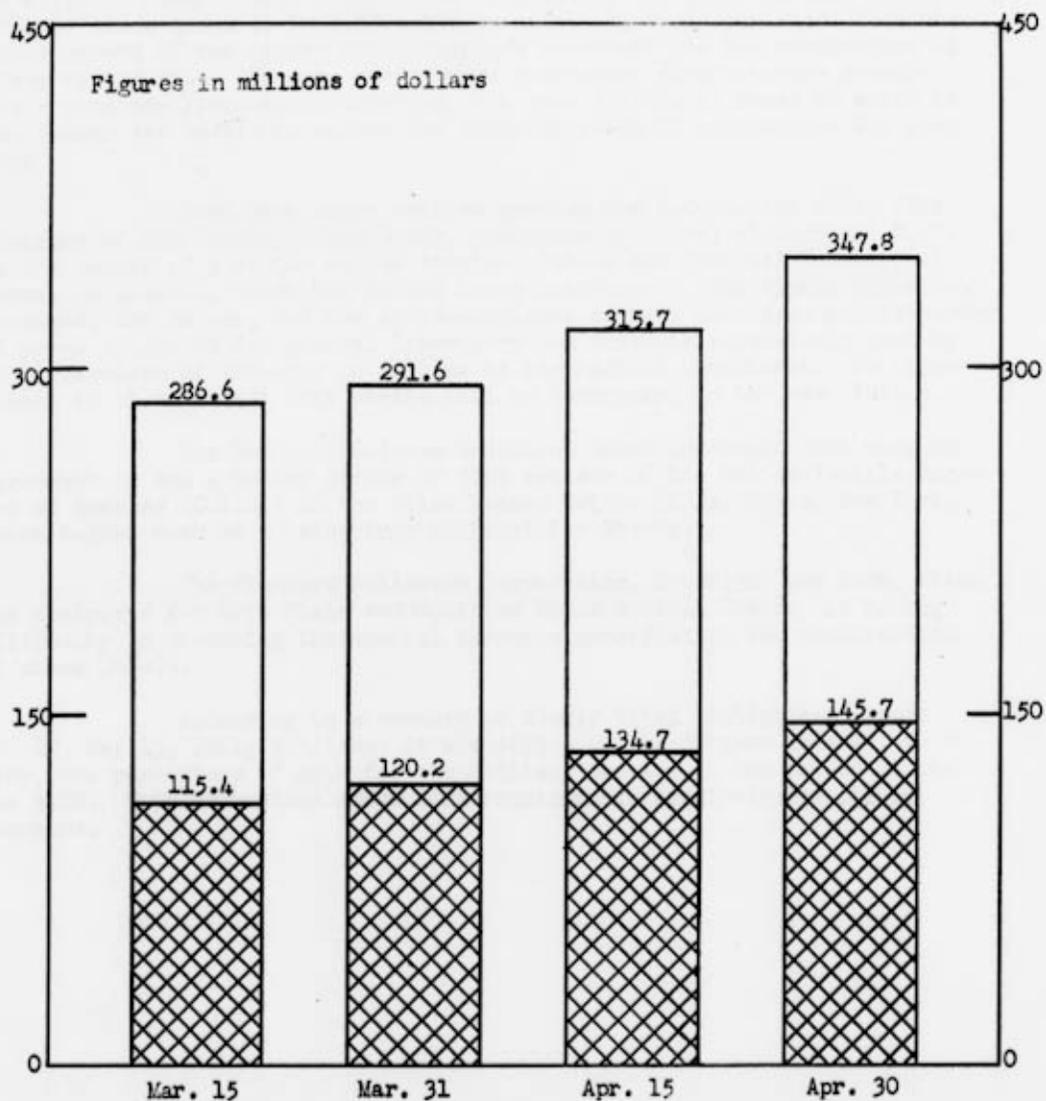
DIAGRAM

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 - APRIL 30, 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 MAY 24, 1941

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

There is little or no evidence of improvement in the status of surgical instruments. Deliveries continue to slow up. In addition to strikes there seems to be difficulty in obtaining stainless steel from the steel makers of the proper specifications necessary for the manufacture of these instruments. In some cases, where instrument manufacturers procure their forgings from sub-contractors, the same difficulty seems to exist as the latter are unable to secure the required steel to manufacture the forgings.

Last week press notices carried the information that, "The shutdown of the Corning Glass Works, pressware division, at Corning, N. Y., is the result of a strike at The American Potash and Chemical Company, at Frona, California, which has halted borax shipments". The Kimble Glass Co., Vineland, New Jersey, and the above mentioned company are large manufacturers of pyrex glassware for general laboratory use which is extensively used by other services of the Army as well as by the Medical Department. No information is at hand that this strike will be terminated in the near future.

The National Defense Mediation Board announced last week an agreement to end a 50-day strike of 2000 members of the United Textile Workers of America (C.I.O.) at the Utica Mohawk Cotton Mills, Utica, New York, which halted work on a large Army contract for Sheets.

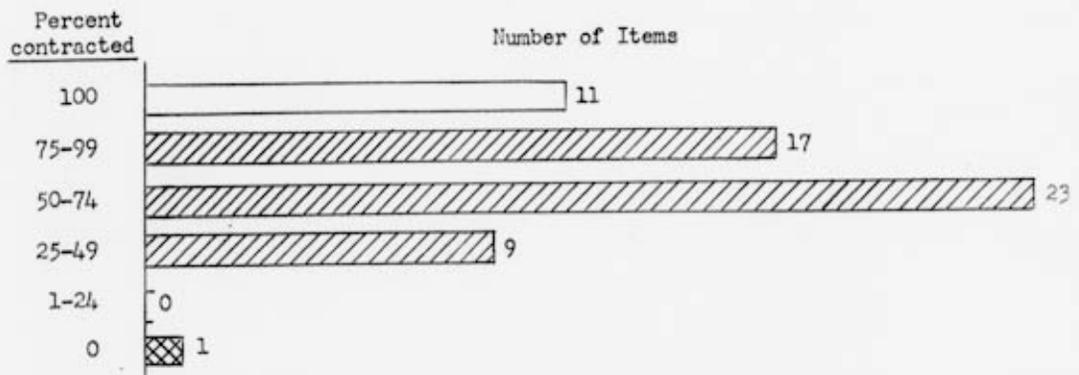
The Standard Holloware Corporation, Brooklyn, New York, which has contracts for both Plain and Modified Field Medical Chests, is having difficulty in procuring the special hardware specified in the construction of these Chests.

According to a summary of Weekly Vital Statistical Report No. 19, May 15, 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 3.28. This percentage shows 2.81 remaining in hospitals and .46 in quarters.

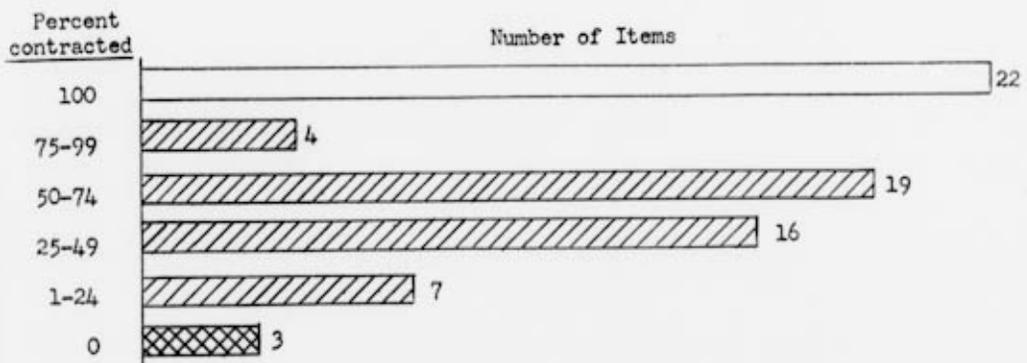
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - MAY 15, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



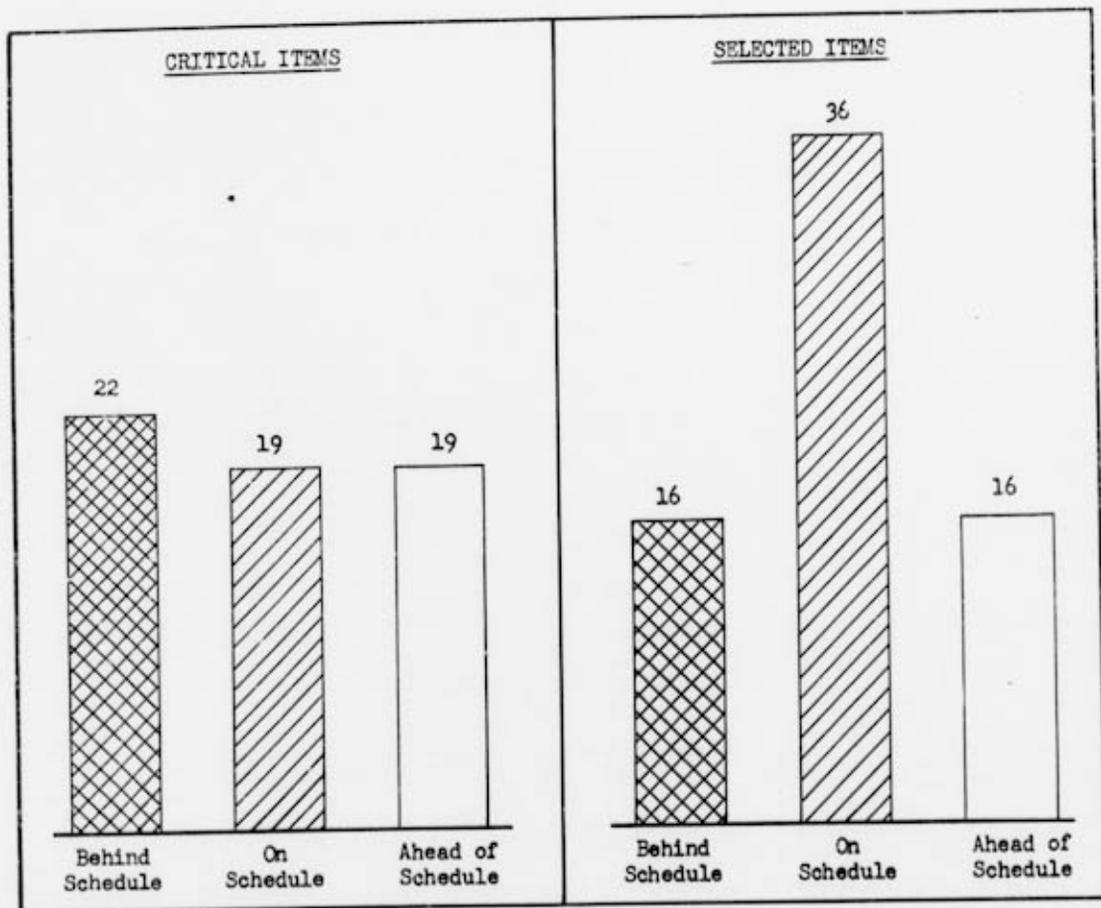
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



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

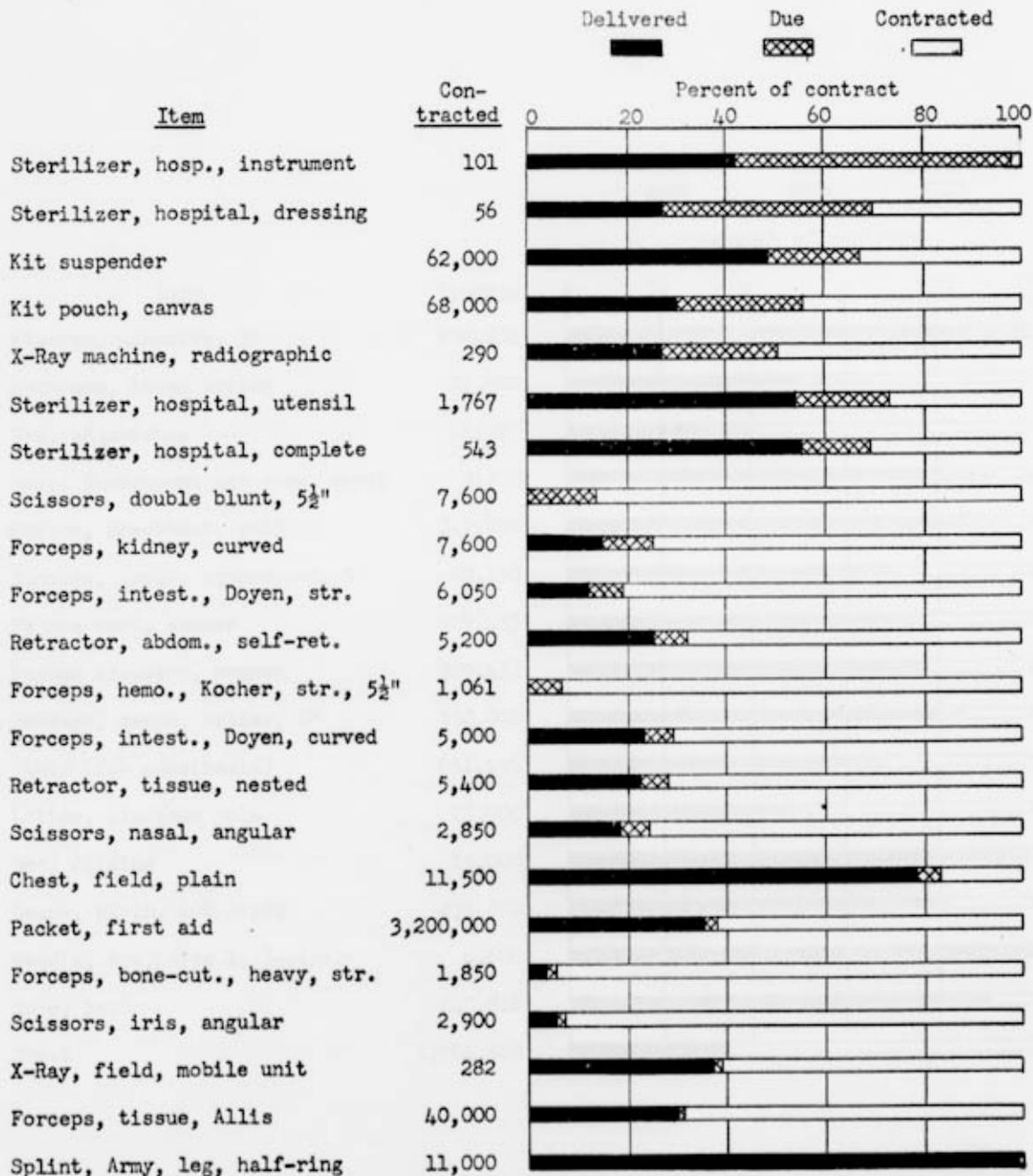
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



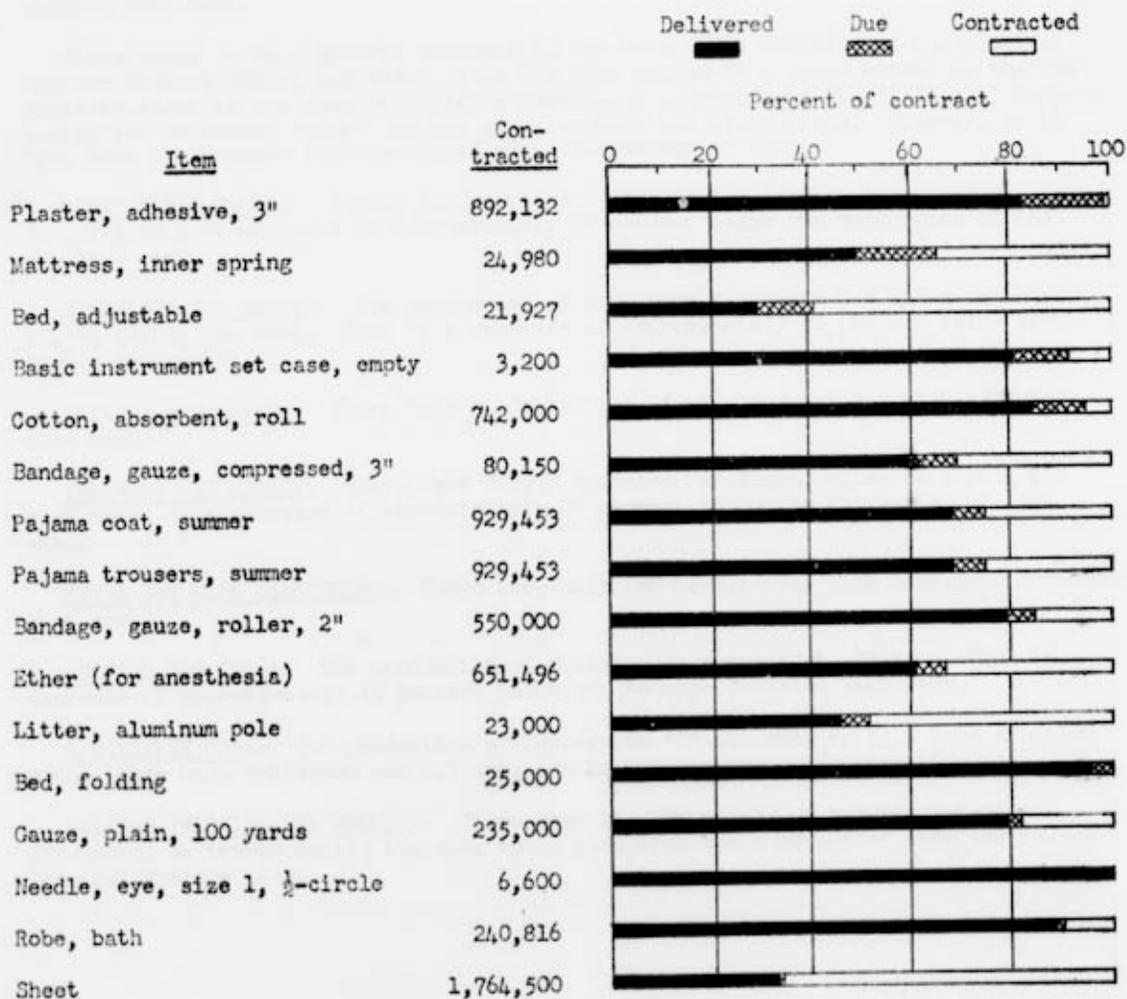
MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - MAY 15, 1941

Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - SELECTED ITEMS BEHIND SCHEDULE - MAY 15, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS ON MAY 16, 1941

Source of Information: Chemical Warfare Service Weekly Reports

The diagrams included in this report represent the total program covering the fiscal years 1940 and 1941, which includes the Fifth Supplemental National Defense Appropriation. The decreases in the percentages of completion of certain items are due to the fact that the figures of the Fifth Supplemental Appropriation have been added to the program this week.

There seems to be a general decrease in the productive activity of the Chemical Warfare Service during the week. This has been caused to a large extent by the low priority given to the Chemical Warfare Service on aluminum and its difficulty in procuring the necessary "Duck" for gas mask carriers and other items. However, it is felt that the program will be completed on the scheduled dates.

SERVICE GAS MASKS:- During the week there were 53,413 Service Gas Masks delivered. This figure is a decrease of approximately 28 percent below the deliveries of the previous week.

DIAPHRAGM GAS MASKS:- The deliveries of completed Diaphragm Gas Masks amounted to 48,364 during the week. This is a decrease of approximately 14 percent below last week's deliveries.

OPTICAL GAS MASKS:- There were no deliveries of this type of gas mask reported this week.

TRAINING GAS MASKS:- There were 50,976 Training Gas Masks delivered during the week which is a decrease of approximately 23 percent below the deliveries of last week.

EXTRA GAS MASK CANISTERS:- There were only 100 Service Gas Mask Canisters delivered last week.

MUSTARD GAS (HS):- The production of Mustard Gas amounted to 83 tons which is a decrease of approximately 14 percent below the tonnage reported last week.

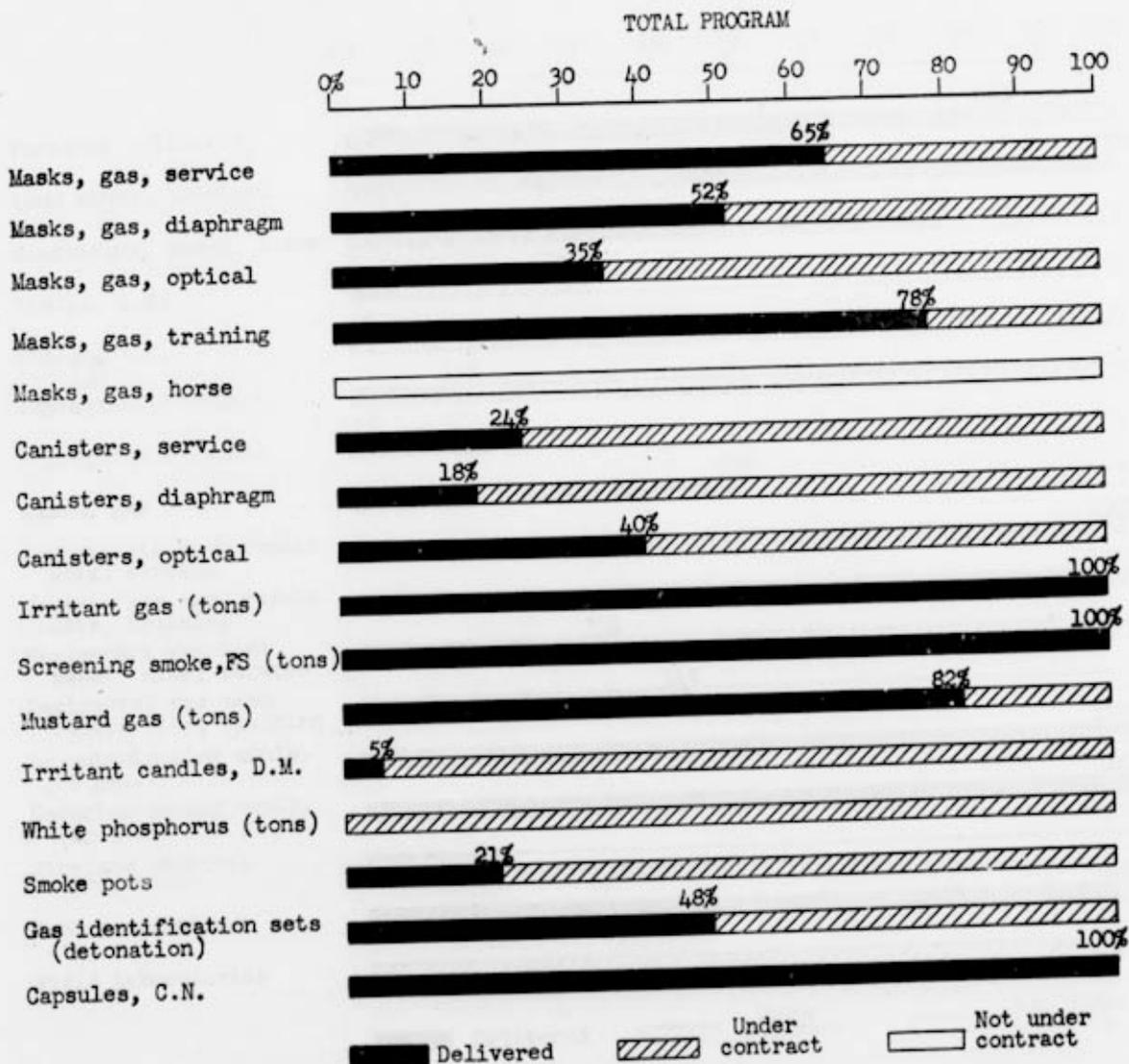
IMPREGNITE "I":- The production of Impregnite "I" amounted to 14.5 tons of which 9 tons have been delivered and 4.5 tons are in the process of construction.

SULPHUR TRIOXIDE (FS SMOKE):- There were 120,000 pounds of Sulphur Trioxide (FS Smoke) delivered during the week which completes the contract of this particular Chemical Warfare item.

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

Source of Information: Chemical Warfare Service

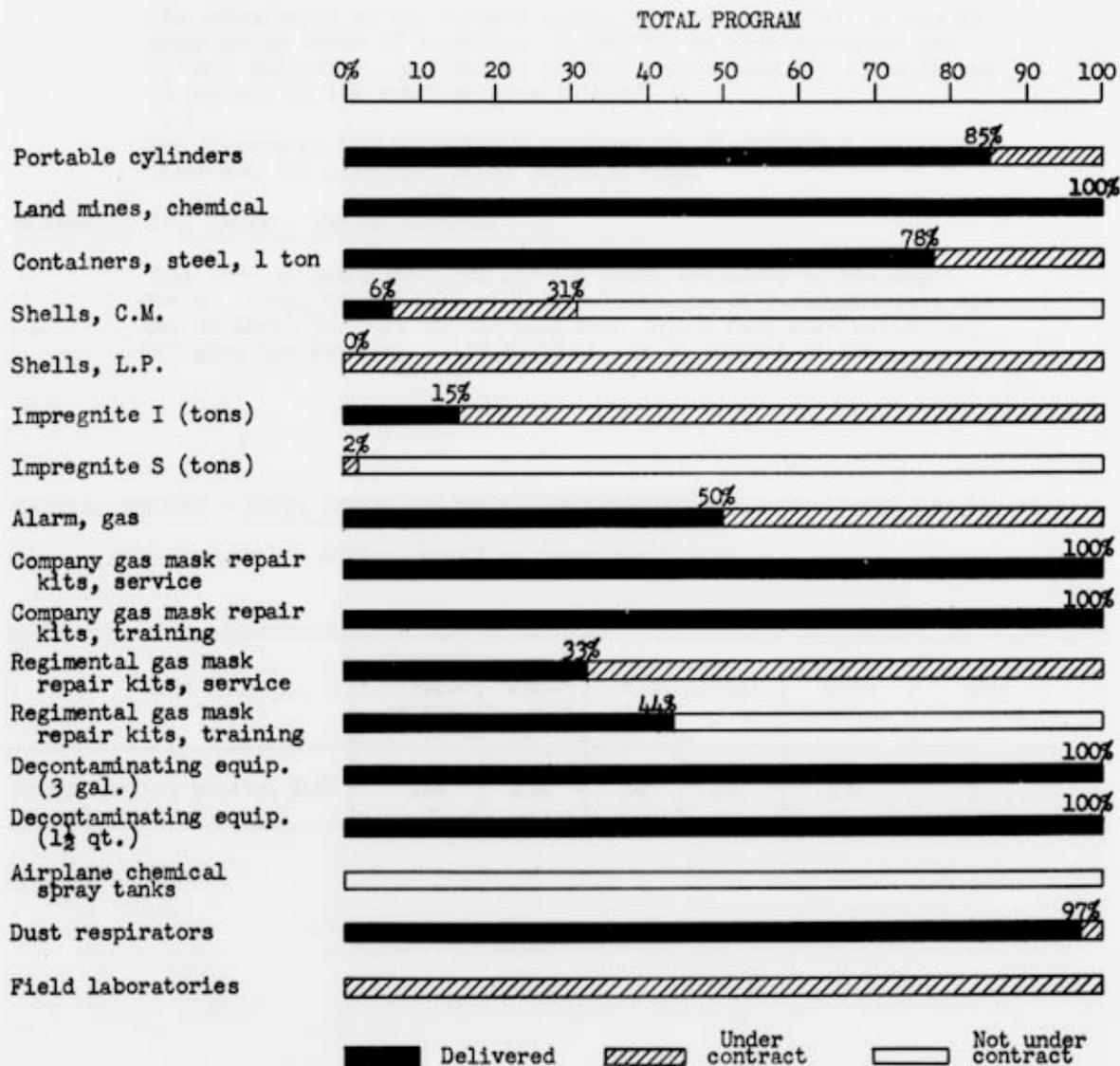
May 16, 1941



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

Source of Information: Chemical Warfare Service

May 16, 1941



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

Source of Information: Office, Chief of Coast Artillery

CONTROL PANELS, M-3

The procurement of the control panels for the mine field groups is progressing ahead of schedule. On May 15, 68 were scheduled and 69 were delivered. Deliveries now are 1 more than the schedule and 50 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. Complete delivery of the 1941 program of 3,610,000 feet was due by March 31. During the past week 50,000 feet were delivered, bringing the total to 2,515,300 feet, or 70 percent of the program.

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

Source of Information: Office, Chief of Coast Artillery

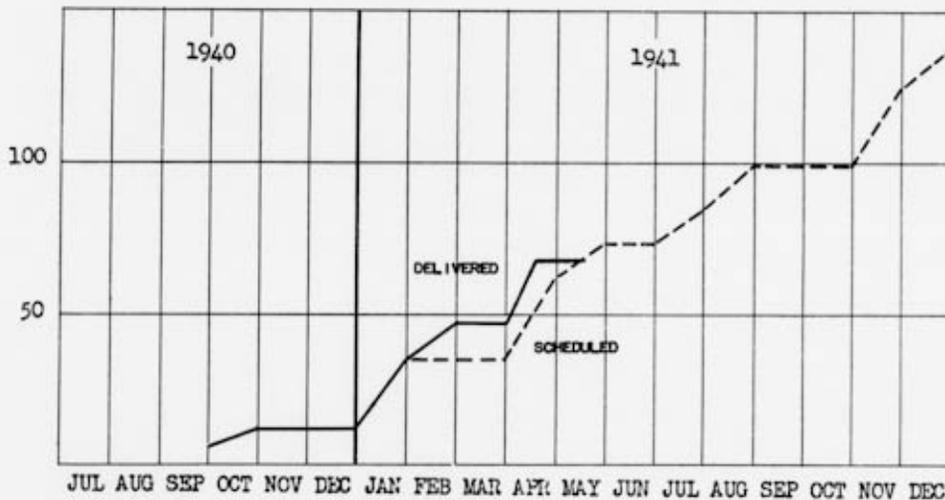
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual May 15	Contracted	Delivered
Group control panels, M-3	138	138	68	69	100	50

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

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

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

delivered