

War: Reports Weekly Statistical: 4/19-5/3/41

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WEEKLY STATISTICAL REPORT

SUMMARY

No. 42

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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. 42

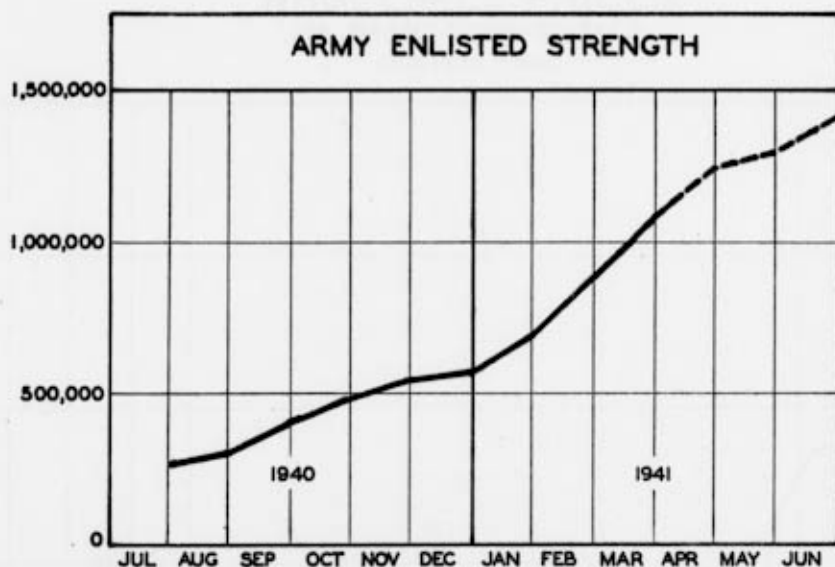
April 19, 1941

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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 - March 31, 1941



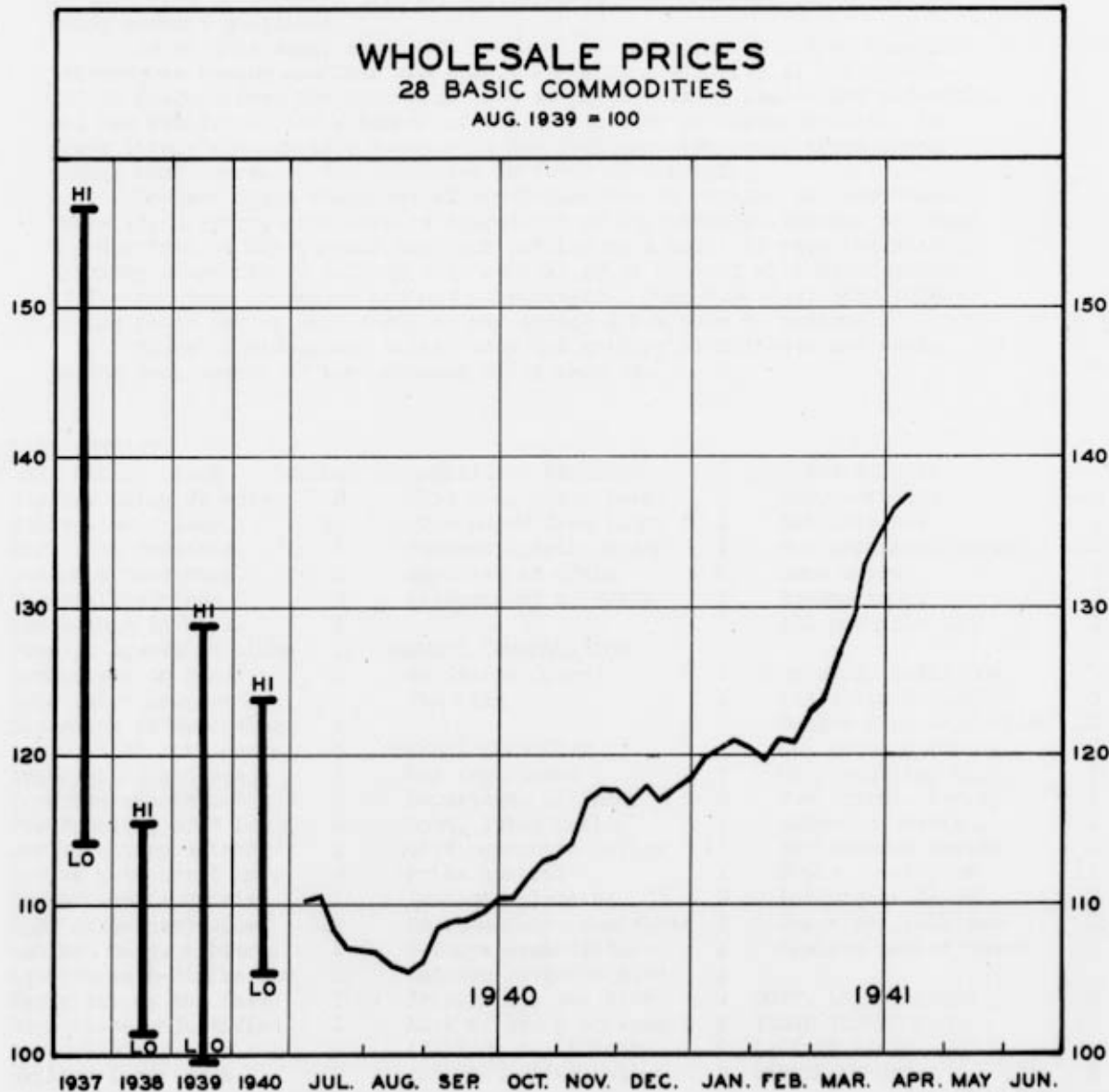
<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan. 1941	693,578
Feb.	870,265
Mar.	1,065,455 ^{a/}
Apr.	1,225,042
May	1,298,842
June	1,410,567

^{a/} Based on radio returns.

PRICES

Further advances in prices for foodstuffs, particularly fats, oils and livestock, brought the index of 28 basic commodities up to a new high, 137.7 percent of the August, 1939 level. Increases in import commodities were due partly to speculative buying because of the fear that increased military activity may place a further burden on the already tight shipping situation.

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. April 16, 1941

The rapid Axis gains of the past few days are causing the commentators to re-examine our foreign policy and our domestic problems in this new light. The result will probably be changes in editorial attitudes, and in relation to some problems, perhaps radical changes. This should be borne in mind when considering present editorial attitudes toward convoying and other current questions.

As of this date, sentiment in favor of convoying is not so much increasing as coming out into the open. Probably a majority of the commentators has believed for some time that we should convoy lease-lend materials, but has hesitated, for a number of reasons, to say so unequivocally. It seems likely that an Axis victory in the Mediterranean would accentuate, rather than decrease, the sentiment in favor of convoying.

Concern about stoppages of production due to strikes has decreased. There is, however, considerable expression of apprehension because so large a proportion of the strikes has been settled on a basis of wage increases, and many commentators believe that central price control will not succeed if further wage increases are not discouraged. They also fear that unless living costs can be kept down, we may expect a new wave of strikes.

There is widespread belief that the country is not even now awake to the seriousness of the problems which face us.

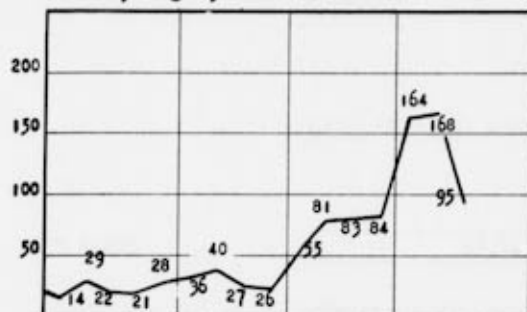
TABULAR SUMMARY

HOURS, WAGES, LABOR	Tallies	ORGANIZATION PROBLEMS	AID FOR BRITAIN	
Strikes delay defense	8	Give Med. Board power	2	For convoying 10
Strikes must stop	16	Free Board from Labor D	1	Ask Congress 1
Unfair to draftees	1	Personnel well chosen	1	For Greenland bases 12
Violence must stop	4	Approval of OPACS	6	Send ships 7
Forestall strikes	2	Disapproval of OPACS	1	Extend zones 2
Leadership to blame	2			All possible aid 2
Foreign agents to blame	1	GENERAL COMMENDATION		
Communists to blame	2	Mediation Board	1	ECONOMICS, INFLATION
Some labor cooperating	5	The NLRB	1	Inflation danger 5
Situation is improving	5			Danger from wage rises 18
Approval of Ford peace	5	GENERAL CRITICISM		Cut Govt. spending 2
Approval of A-C peace	1	War Department	5	Nat. debt too high 1
Congress should act	1	Department of Labor	6	Cut instal. buying 1
For "cooling off" law	6	Govt. labor policy	8	Restrict credit 1
For voluntary methods	2	Govt. economic policy	11	For defense issues 1
Revise anti-trust laws	3	Price control	1	Price level good 11
Wagner act is unfair	1	Economic planning	2	For higher taxes 2
NLRB often prejudiced	12	Supreme Court decisions	3	For a pay roll tax 1
Against comp. arbitra.	2	Defense organization	1	Against excise taxes 1
Against anti-strike law	5	Defense progress slow	4	
Wages rising too fast	5	British aid too slow	2	GOVT. AND BUSINESS 8
Wage rises unjustified	2	Lack of troop equipment	1	TREND TOWARD WAR 17
For Govt. wage control	1	Attitude to industry	2	LACK OF FACTS 2
Skilled labor lack	3	Contract distributions	2	MISCELLANEOUS 3

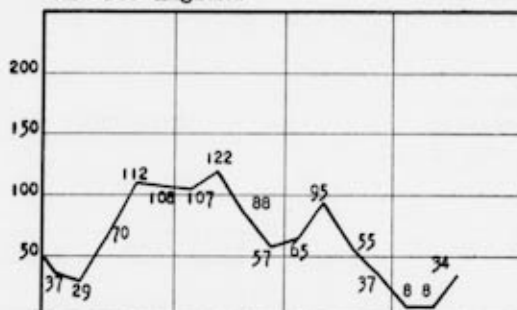
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

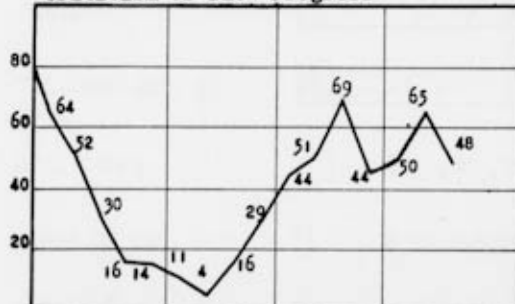
Hours, Wages, Labor Problems



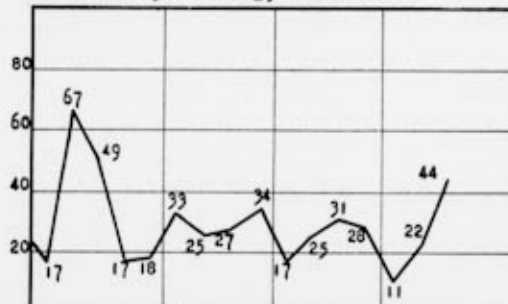
Aid for England



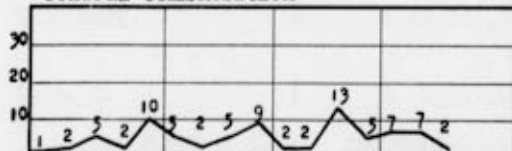
Criticism of Slow Progress



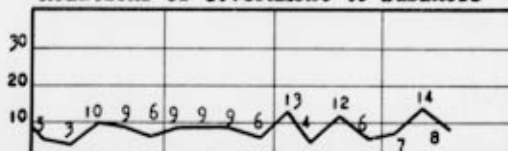
Economics, Banking, Inflation



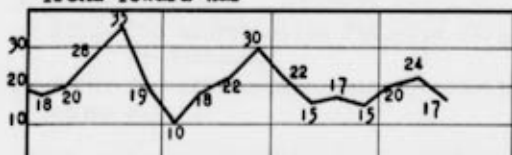
General Commendation



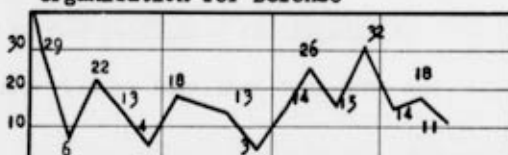
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 58.9 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, April 17, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to Apr. 16</u>
AIR CORPS	\$3,717,519,528	57.9
ORD. DEPT.	\$2,741,659,091 a/	71.5
Q.M.C.	\$2,596,342,802	47.8
FAC. FOR EXP. b/	\$1,464,286,000 c/	52.1
SIG. CORPS	\$226,382,956 a/	72.7
CORPS OF ENG.	\$ 95,198,691 a/	78.0
CHEM. WAR. SER.	\$ 50,759,146	87.9
MED. DEPT.	\$ 42,851,671	94.1
C. A. C.	\$ 1,593,889 a/	75.9
TOTAL	\$10,936,593,774	58.9

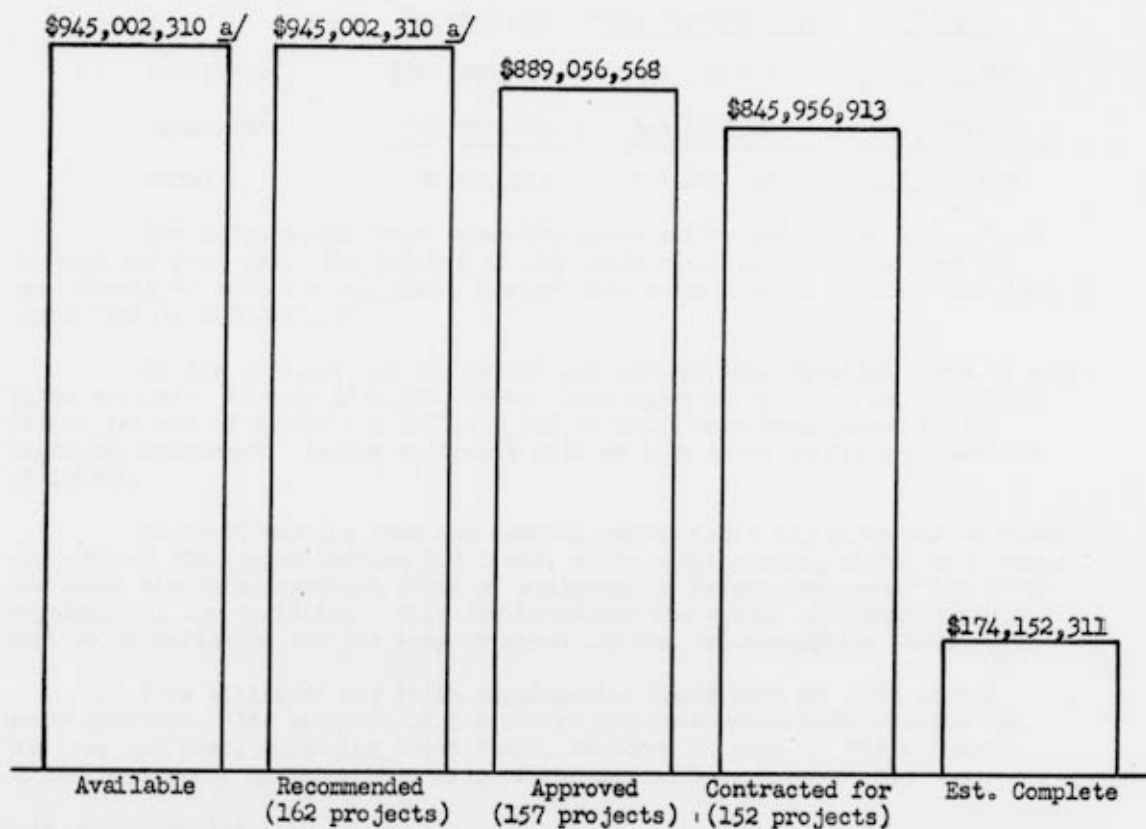
a/ NOTE: Tentative - includes Fifth Supplemental

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 other S.A.S.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - APRIL 5, 1941

Source of Information: Construction Division Report, April 5, 1941



a/ Includes Expediting Production Appropriation of \$703,000,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$182,227,310; Chemical Warfare Service \$500,000, and Navy Department \$15,000,000; excludes Fifth Supplemental National Defense Act of \$761,286,000.

TEXT SUMMARY - ORDNANCE DEPARTMENT - APRIL 19, 1941

Source of Information: Ordnance Department and O. A. S. W. and G-4

Defense Aid and 5th Supplemental

New funds allocated to the Ordnance Department for the procurement of equipment and ammunition under the two recently enacted appropriations are as follows:

	<u>Defense Aid</u>	<u>5th. Supplemental</u>	<u>Total</u>
Equipment	\$581,328,911	\$179,774,689	\$761,103,600
Ammunition	288,805,202	561,486,828	849,292,030
Total	870,134,113	741,261,517	1,611,395,630

The Defense Aid funds shown are those authorized in the 1st and 2nd Defense Aid programs. The balance of the funds which may be authorized for procurement of ordnance supplies (appropriated under items 1 and 2 of the law) is approximately \$450,000,000.

Of the \$870,134,113 authorized for Defense Aid, detailed lists of supplies estimated to cost \$831,906,805 had been approved by April 15, and conditional letters of intent for \$101,578,612 or 12.2% have been issued by the Ordnance Department. Letter contracts will replace these conditional letters of intent.

Aircraft machine guns and cannon, medium tanks and universal carriers are some of the larger Defense Aid items, while machine guns, rifles and trucks are among the more important items of equipment to be procured under the Fifth Supplemental appropriation. This law increased the volume of Ordnance equipment to be purchased for the Army by about 10% and, of ammunition, about 50%.

Very little of the Fifth Supplemental funds have yet been placed under contract. The progress of the entire Ordnance procurement program for the Army and Navy, including these funds, is shown on page 9. Three fourths of the equipment, and less than half of the ammunition, is under contract.

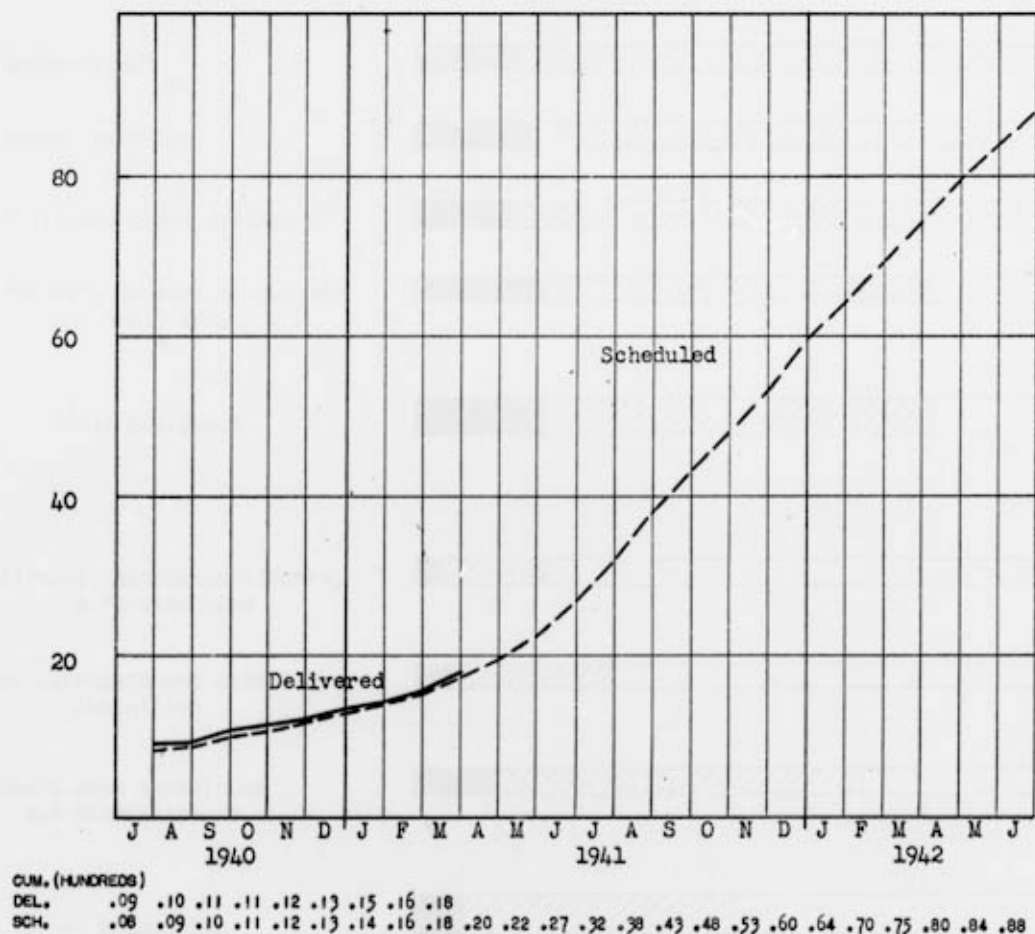
Rate of Deliveries

The index of ordnance procurement, charted on page 8, indicates that deliveries in the first quarter of 1941 were nearly double those in the fourth quarter of 1940. Deliveries in the third quarter of 1941 are scheduled at over three times actual deliveries in the first three months, and over six times those in the fourth quarter of 1940.

INDEX OF ORDNANCE PROCUREMENT - MARCH 31, 1941

Source of Information: Production Branch, Ord. Dept. and G-4

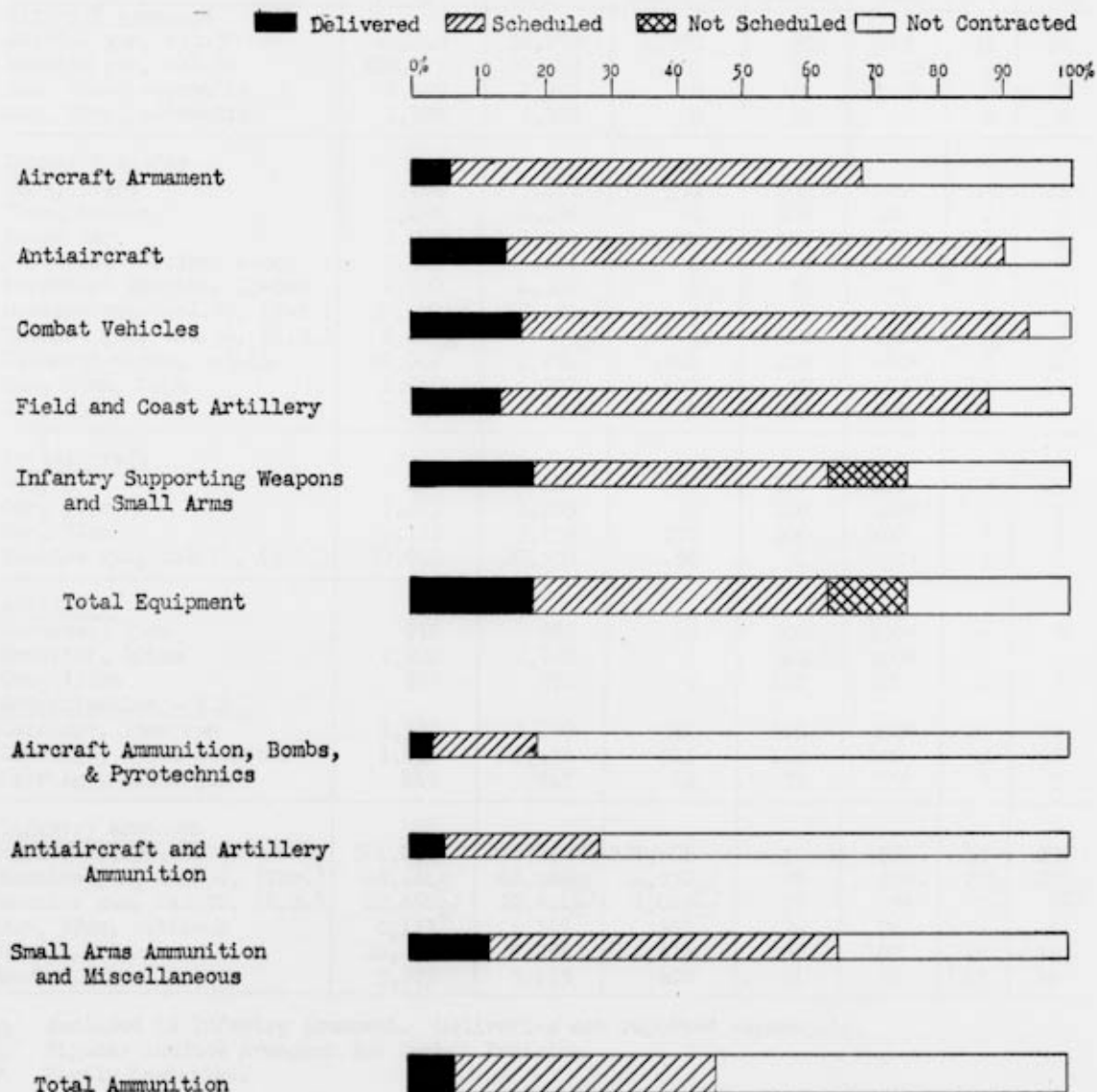
The index represents the percentage completion of the program. The program consists of the number of units of each item on hand prior to current procurement plus the number being procured under the fiscal year 1940 and 1941 appropriations, through the Third Supplemental. The percentages shown are the average percentages of 25 selected items as of each month.



ORDNANCE - PROCUREMENT PROGRESS - MARCH 31, 1941

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

Total Program (Includes 5th Supplemental approved April 5, 1941)



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

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

Item	Procurement Program		Delivered thru March 31	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	4,990	67	67	11	12
Machine gun, cal.50	109,173	90,533	4,487	74	74*	4	4
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	399	100	100	13	11
Tank, medium	2,496	2,496	25	100	100	2	1
Scout car	2,733	2,701	2,024	100	99	69	74
Personnel carrier, 8-man	5,445	5,445	0	100	100	-	0
Personnel carrier, 13-man	4,302	4,302	0	91	91	0	0
Machine gun, cal.30, (Var.)	37,460a/	37,186a/	a/	99	99*	a/	a/
Machine gun, cal.50, (H.B.)	8,025a/	7,993a/	a/	100	100*	a/	a/
Submachine gun, cal.45	32,062	31,994	7,846	100	100*	18	24
Gun, 37mm, tank	6,040	6,002	659	99	99	11	11
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	275	100	100	8	9
Machine gun, cal.50, (W.C.)	10,945	10,333	96	31	31*	1	1
<u>Artillery</u>							
Howitzer, 75mm	958	892	65	100	100*	6	7
Howitzer, 105mm	2,728	2,728	0	100	100*	0	0
Gun, 155mm	392	392	4	100	100	2	1
<u>Modernization - H.S.</u>							
Carriage, 75mm gun	1,330	1,330	384	100	100*	27	29
Carriage, 155mm howitzer	1,436	1,436	545	100	100	32	38
Carriage, 155mm gun	847	847	62	77	77	7	7
<u>Infantry Armament</u>							
Rifle, cal.30, M1	864,260	864,160	129,606	52	52	15	15
Machine gun, cal.30, (Var.)	68,464b/	68,086b/	14,932b/	99	99*	22b/	22b/
Machine gun, cal.50, (H.B.)	22,856b/	22,644b/	1,085b/	53	53*	5b/	5b/
Gun, 37mm, antitank	6,153	6,108	380	76	76	6	6
Mortar, 60mm	10,162	9,956	1,616	100	100	16	16
Mortar, 81mm	3,773	3,613	609	91	91	15	16

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

b/ Figures include Armament for Combat Vehicles.

* Partly tentative.

ORDNANCE DELIVERIES - ITEMS 25% OR MORE, AHEAD AND BEHIND SCHEDULES - MARCH 31, 1941

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

Item	Number Due	Number Delivered	% BEHIND 100	% AHEAD 0 100
<u>Combat Vehicles</u>				
Carrier, personnel, 8-man, M2	25	0		
Tank, light, M3	64	0		
Tank, medium, M2A1	60	25		
Engine, medium tank, M3	64	32		
Mount comb., medium tank, M2A1	126	75		
Gun, 37mm, tank, M6	0	3		
Telescope, M5A1	2,114	1,114		
Gun, 75mm, tank, T7	0	1		
Tractor, crane	71	17		
Tractor, medium, M1	671	443		
Truck, wrecking, M1	61	7		
<u>Antiaircraft</u>				
Height finder, M1 & M2	14	39		
<u>Coast Artillery</u>				
Gun, 8" railway	9	0		
Inst., azimuth, M1910A1	70	1		
Board, plotting, M1923	5	8		
Board, fire adjustment, M1	40	64		
Board, range correction, M1A1	20	10		
Finder, depression position	30	9		
<u>Field Artillery</u>				
Caisson, 75mm howitzer, field	664	448		
Gun, 155mm, M1	8	4		
Board, plotting, M1	12	0		
Board, plotting, M5	12	0		
Corrector, sound ranging, M1	10	0		
<u>Infantry Armament</u>				
Rifle, cal.30, M1918A2	1,048	3,830		
Submachine gun, cal.45	5,896	7,846		
Mount, tripod, M1917A1(New)	450	0		
Hanger, M.G., cal.30, M5	0	152		
Hanger, tripod, cal.30, M3	0	276		
Hanger, M.G., cal.30, M3	0	765		
Hanger, amm., cal.30, M8	0	468		
Projector, gr. signal	5,461	4,238		
Helmet bodies (New)	334	208		

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

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

Item	Procurement program		Delivered thru March 31 THOUSANDS	Percent of total program			
	Total THOUSANDS	Army only THOUSANDS		Con- tracted	Sched- uled	Due	Deliv- ered
<u>Aircraft & Pyrotechnics</u>							
Bomb, frag., 20#	1,719	1,719	0	100	100	0	0
Bomb, demo., 100#, 300#, 500#	1,529	1,529	18	44	44	1	1
Bomb, demo., 1000#	15	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	348	348	3	21	21	1	1
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	104	29	29	12	12
Signals	2,057	2,057	299	27	27	15	15
<u>Antiaircraft</u>							
Shell, 37mm, H.E.	11,786	11,786	0	20	20	0	0
Shell, 3" H.E.	2,211	2,211	69	51	51	3	3
Shell, 90mm, H.E.	3,031	3,031	0	41	41	0	0
<u>Artillery</u>							
Shell, H.E., s c, 75mm gun	1,372	1,372	0	86	86	0	0
Shell, g & s, 75mm gun	1,104	1,104	2	92	92	-	-
Shell, 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	0	52	52	0	0
Shell, g & s, 155mm how.	1,235	1,235	173	39	39	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)	9,924	9,924	2,839	99	99	29	29
<u>Infantry</u>							
Cartridge, cal.30	2,551,692	2,447,677	237,928	74	74*	10	9
Links, met. belt, cal.30	943,322	918,112	68,468	38	38	7	7
Cartridge, cal.45	307,306	286,644	49,071	100	100	18	17
Cartridge, cal.50	668,568	618,142	31,048	100	100*	5	5
Links, met. belt, cal.50	2,086,452	2,052,334	27,208	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	28	11	11	1	1
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	106	51	51	3	3
Mine, antitank	2,050	2,050	0	2	2	0	0

* Partly tentative.

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

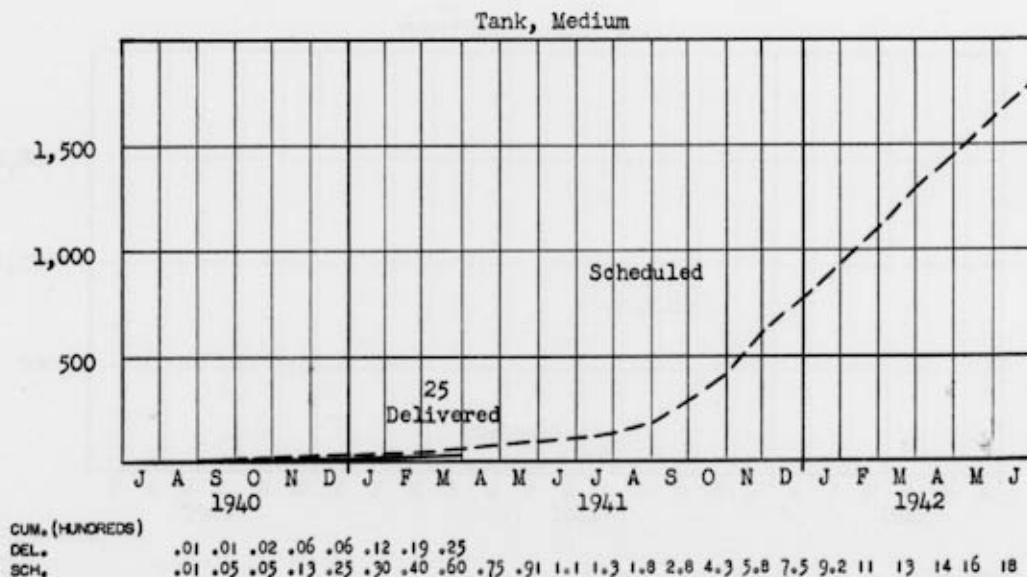
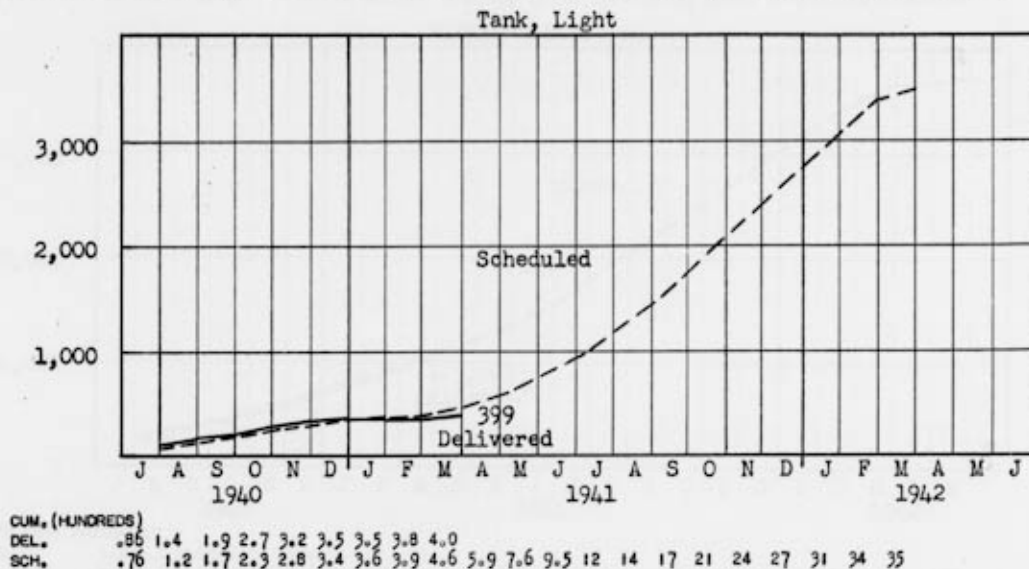
Source of Information: Statistics Branch & G-4, General Staff

Item	Requirements	Stocks	Percent of requirements						
	P.M.P. F.Y. 1942 Number	in hands of Field Service Number	%	0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	49,638	8,472	17						
Machine gun, cal.50,fix.&fl.	114,997	4,031	4						
Gun, 20mm, automatic A.C.	2,775	0	0						
Gun, 37mm, automatic A.C.	3,976	45	1						
<u>Combat Vehicles</u>									
Tank, light	3,789	489	13						
Tank, medium	1,728	41	2						
Scout car	2,681	2,251	84						
Personnel carrier, 8-man	5,524	0	0						
Personnel carrier, 13-man	5,521	0	0						
Machine gun, cal.30 (Var.)	50,322a/	a/	-						
Machine gun, cal.50 (H.B.)	9,161	329	4						
Submachine gun, cal.45	30,906	4,234	14						
Gun, 37mm, tank	5,563	431	8						
Gun, 75mm, tank	1,428	0	0						
<u>Antiaircraft</u>									
Gun, 3"	1,344{	476)	35						
Gun, 90mm	{	0)	8						
Gun, 37mm, A.A.	3,083	253	7						
Machine gun, cal.50 (W.C.)	11,066	829	7						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,289	551	43						
Howitzer, 75mm, field & pack	228	157	69						
Howitzer, 105mm	2,520	0	0						
Gun, 155mm	564	4	1						
Gun, 155mm (H.S.)	903	144	16						
Howitzer, 155mm (H.S.)	1,628	886	54						
<u>Unmodified & other models</u>									
Gun, 75mm	---	3,046	-						
Gun, 155mm	---	825	-						
Howitzer, 155mm	---	1,213	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto	987,146	146,815	15						
Machine gun, cal.30 (Var.)	79,246	14,339	18						
Machine gun, cal.50 (H.B.)	14,654	1,603	11						
Gun, 37mm, antitank	6,335	602	10						
Mortar, 60mm	6,427	1,500	23						
Mortar, 81mm	3,754	701	19						

a/ Included in Infantry Armament.

COMBAT VEHICLES - DELIVERY SCHEDULES - ORDNANCE DEPARTMENT - APRIL 1, 1941

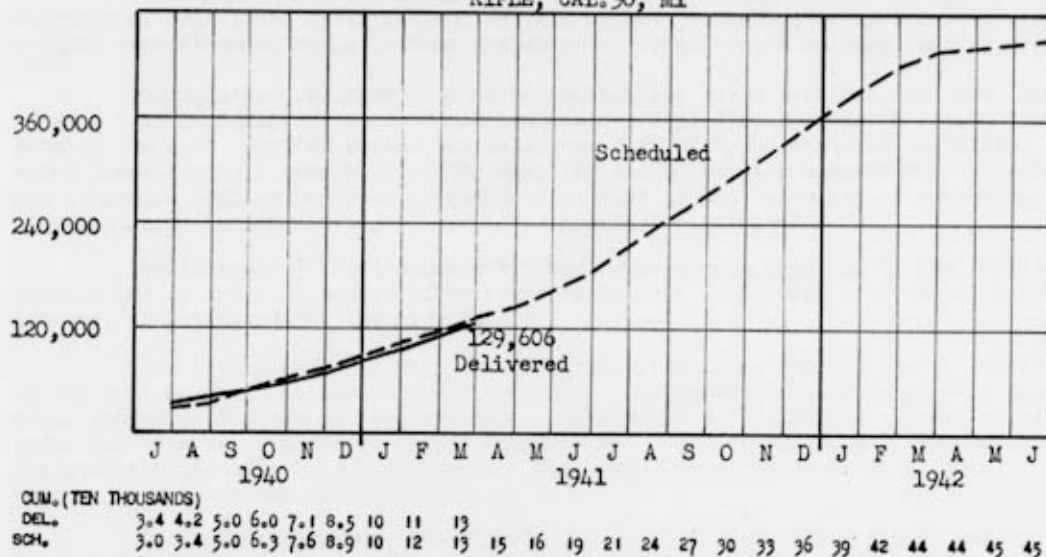
Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)



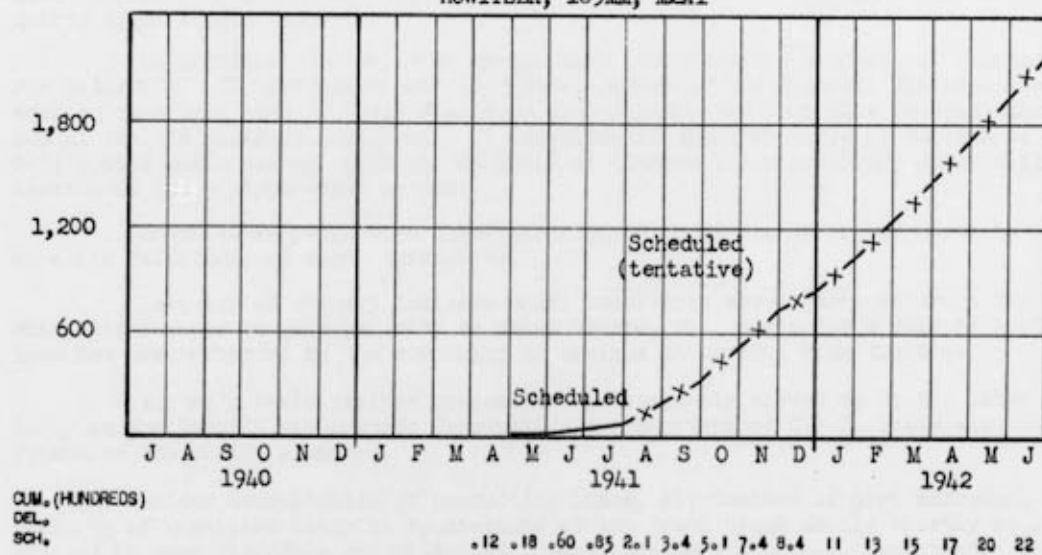
RIFLE, M1 AND HOWITZER, 105MM - DELIVERY SCHEDULES - APRIL 1, 1941

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

RIFLE, CAL.30, M1



HOWITZER, 105MM, M2A1



TEXT SUMMARY - AIRPLANE PROCUREMENT - MARCH 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Production of B-17D heavy bombers by Boeing during March was affected by shortage of leak-proof tanks and engine ring cowls. Consolidated is one B-24 overdue pending correction of cabin heating system and overheating of voltage control regulator.

In spite of revision of contract schedules, North American has shown no improvement in its deliveries of medium bombers and fell five more units behind during March. The last reported reason for delay was difficulty encountered installing AFCE, which necessitated a reworking of the shelf in the bombardier compartment. Martin's output of medium bombers has been retarded on account of the necessity of reworking fuselages and nose landing wheels of airplanes previously accepted.

Deliveries of light bombers by Douglas have been hampered by fuel system difficulties and by the continuance of performance tests. Production of five units per week, however, is estimated for the near future.

The last pursuit fighter due from Bell is still grounded pending overhauling of the engines which do not meet requirements. Lockheed's deliveries of this type are still behind on account of the company's organization difficulties. Considerable progress has been made, however, during the past month toward building up production lines. The availability of Allison engines will also largely determine whether or not this company is to overcome its deficiencies.

One hundred pursuit interceptors are overdue from Bell. Firing test of the first P-39D continues with flight time to date being 26 hours. Thirty fuselages of this type are in storage and twenty more are in final assembly. Future deliveries of these units will depend upon the availability of the Allison V-1710-35 engines which are overdue. Republic articles are being reworked in accordance with changes which were required after flight tests.

Observation deliveries by Vultee have been hampered by critical shortages in raw materials. The Scheduling and Priorities Branch of the Materiel Division has been working on a long list of these shortages and delivery has been made on approximately 50% of the raw materials required. It is estimated that favorable production of Curtiss O-52's will begin during April on the basis of changes found necessary after flight testing of the stripped-down article.

Beech anticipates more favorable production during April and hopes to overcome its deficiency of eight transports.

Delivery of primary trainers under Stearman's second Army contract for PT-17's, which was delayed to give priority to other orders, will begin the middle of April. Ryan has been retarded by the reworking of designs to correct wing trouble.

Vultee's basic trainer production was seriously slowed up by the labor difficulty at the Harvill Die Casting Corporation. A shortage of G.F.E. items also hampers effective production planning.

Better coordination of production lines, elimination of part shortage, and training of unskilled labor as specialists at the Beech plant should shortly be reflected in more favorable production of advance trainers. Lastly, performance tests still are retarding deliveries of advance trainers from Cessna and Curtiss.

AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - MARCH 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Boeing, B-17C		15
Boeing, B-17D	15	
Consolidated, B-24	1	
<u>Medium Bomber</u>		
North American, B-25	11	
North American, B-25A	5	
Martin, B-26	38	
<u>Light Bomber</u>		
Douglas, A-20		1
Douglas, A-20A	29	
<u>Pursuit, Fighter</u>		
Bell, FM-1A		1
Lockheed, P-38		9
Lockheed, P-38	30	
Lockheed, P-38D	36	
<u>Pursuit, Interceptor</u>		
Bell, P-39C		1
Bell, P-39D	59	
Bell, P-39D	40	
Curtiss, P-40B		78
Republic, P-43		4
Republic, P-43	38	
Republic, P-43A		6
<u>Observation</u>		
Vultee, O-49	54	
Bellanca, O-50		3
Curtiss, O-52	28	
<u>Transport</u>		
Beech, C-45A		3
<u>Primary Trainer</u>		
Stearman, PT-13B, PT-17, PT-18		2190
Stearman, PT-17	80	
Fairchild, PT-19A		21
Ryan, PT-21	100	
<u>Basic Trainer</u>		
Vultee, BT-13A, BT-15	110	
<u>Advance Trainer, 1 Engine</u>		
North American, AT-6A		58
<u>Advance Trainer, 2 Engine</u>		
Beech, AT-7		10
Cessna, AT-8		16
Curtiss, AT-9		22
Beech, AT-10		1
Beech, AT-10		8
Beech, AT-11		11

TEXT SUMMARY - AIRPLANE ENGINE PROCUREMENT - MARCH 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Pratt & Whitney has fallen slightly behind in its production of R-1830-41 engines for heavy bombers because of non-delivery of two-to-one gears from its sub-contractor. Pratt & Whitney has no facilities to machine this type of gear.

Wright engines for medium bombers continue to be delayed by the slow equipping of new manufacturing facilities and shortage of magnesium castings. Necessary tooling of a new type engine has held up Pratt & Whitney deliveries for medium bomber installations.

Wright engines for light bombers are also delayed by the equipping of new manufacturing facilities and slow receipt of magnesium castings. In addition, delivery of engines for the A-20B's is delayed in order to allow shipment to the British of a similar engine. Authority for this procedure was given Wright by the Defense Commission under date of December 26, 1940.

Allison engines for pursuit fighters continue overdue on account of the slowness of the manufacturer in setting up production of this type and on account of penalty runs on reduction gears. Difficulty experienced with high oil flow and high oil consumption has been a leading retarding factor in connection with the Allison V-1710-27 type during March.

Acceptances of Allison units for pursuit interceptors have fallen further behind during March. Concentration on machine parts and the building of the V-1710-35 model largely for British installation requirements has caused a drop in the total production. High oil flow and high oil consumption have also been bottlenecks in this instance. The Allison V-1710-39 model has not been accepted in many instances because of deep groove ball bearings. Shortage of machine tools and gauging equipment will undoubtedly mean that Packard will not swing into any kind of production of Rolls engines for pursuit interceptors until the middle of May.

In spite of satisfactory production of Kinner engines for Ryan primary trainers, these engines can only be accepted as a component of the completed Ryan trainer. Ryan trainer deliveries in turn have been retarded by failure of this type to pass wing torsion tests. Several designs are being developed by Ryan in an attempt to correct this trouble.

Lycoming will not be able to overcome its deficiency of 2L4 units until it can obtain delivery of magnesium castings and adjust manufacturing difficulties.

AIRPLANE ENGINES - AHEAD AND BEHIND CONTRACT SCHEDULE - MARCH 31, 1941

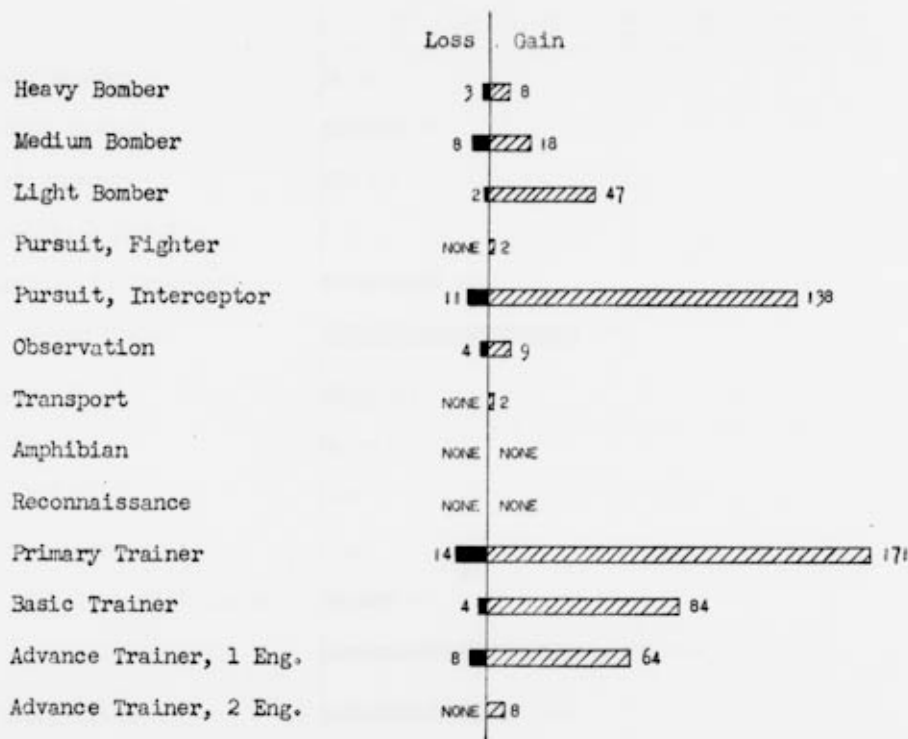
Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Wright, B-17C, R-1820-65		20
Wright, B-17D, R-1820-65		31
Wright, B-17E, R-1820-65		118
Pratt & Whitney, B-24C, R-1830-41	5	
<u>Medium Bomber</u>		
Wright, B-25A, R-2600-9	18	
Wright, B-25B, R-2600-9	196	
Pratt & Whitney, B-26, R-2800-5	49	
<u>Light Bomber</u>		
Wright, A-20, R-2600-7	60	
Wright, A-20B, R-2600-11	390	
Wright, A-24, R-1820-32	8	
<u>Pursuit, Fighter</u>		
Allison, P-38, V-1710-27	8	
Allison, P-38, V-1710-29	6	
Allison, P-38, V-1710-27	30	
Allison, P-38, V-1710-29	30	
Allison, P-38D, V-1710-27	36	
Allison, P-38D, V-1710-29	36	
<u>Pursuit, Interceptor</u>		
Allison, P-39D, V-1710-35	15	
Allison, P-39D, V-1710-35	40	
Allison, P-40B, V-1710-33	25	
Allison, P-40D, V-1710-39	21	
Allison, P-40E, V-1710-39	10	
Packard, P-40, V-1650-1 (Rolls)	1	
<u>Observation</u>		
Bellanca, O-50, XV-770-1	3	
Pratt & Whitney, O-52, R-1340-51	15	
<u>Transport</u>		
Pratt & Whitney, C-45A, R-985-1(AN-1)	SEE	BT-13A
<u>Primary Trainer</u>		
Continental, PT-17, R-670-5		220
Ranger, PT-19A, L-440-1		21
Kinner, PT-21, R-440-3 (Subcontractor)*	100	
<u>Basic Trainer</u>		
Pratt & Whitney, BT-13A, R-985-1(AN-1)		147
Wright, BT-15, R-975-11		31
Continental, BT-15, R-975-11	30	
<u>Advance Trainer, 1 Engine</u>		
Pratt & Whitney, AT-6A, R-1340-1(AN-1)		209
<u>Advance Trainer, 2 Engine</u>		
Pratt & Whitney, AT-7, R-985-1(AN-1)	SEE	BT-13A
Lycoming, AT-8-9-10, R-680-9	214	
Pratt & Whitney, AT-11, R-985-1(AN-1)	SEE	BT-13A

*DELAY DUE TO SLOW DELIVERY OF RYAN AIRPLANES.

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

Source of Information: Consolidated Statistical Report - Air Corps

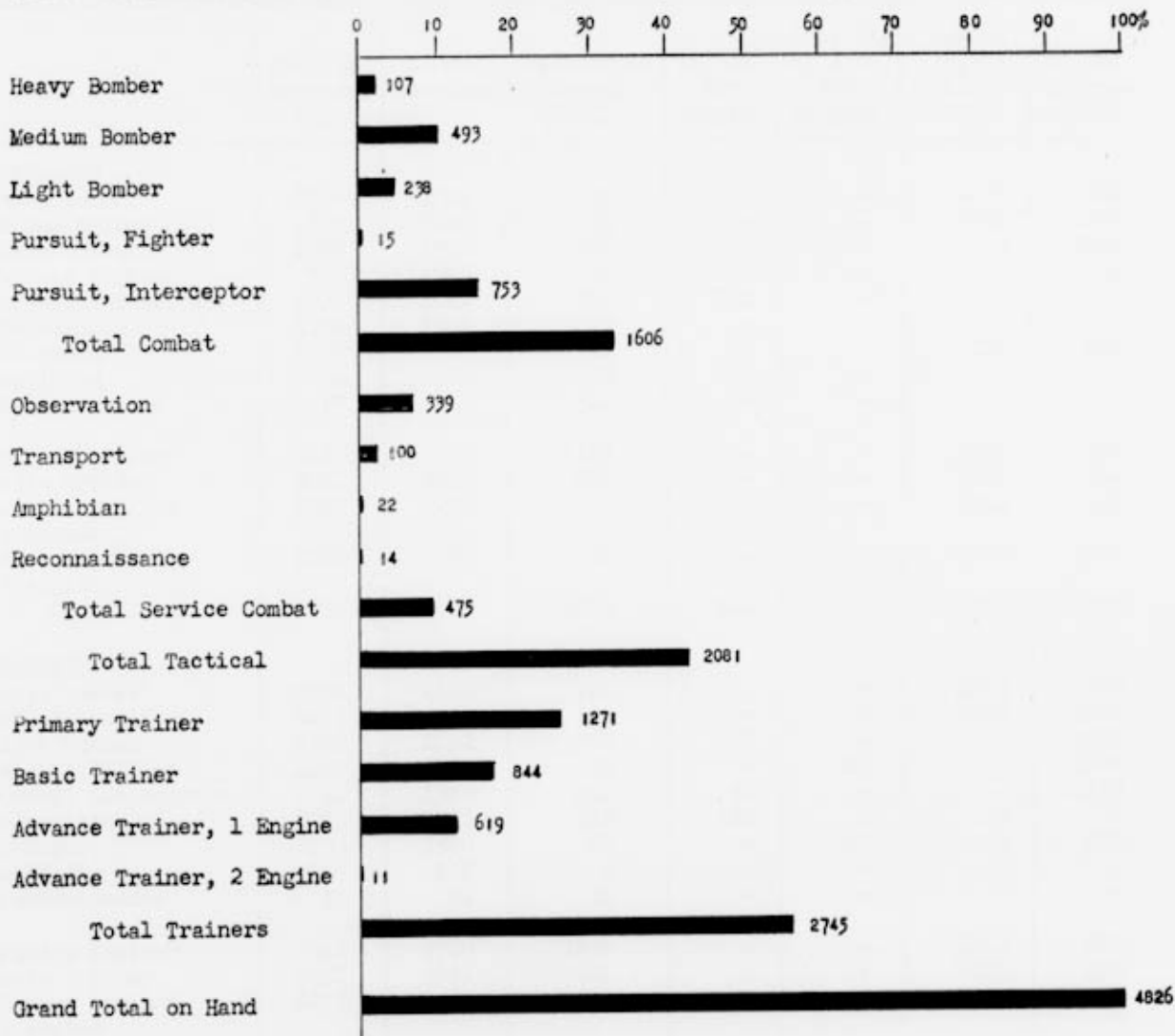


RECAPITULATION

On Hand 2-28-41	4329
Total Gain	551
	4880
Total Loss	54
On Hand 3-31-41	4826

PROJECT AIRPLANES ON HAND - MARCH 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



A net gain of 497 project airplanes during the month of March raised the on hand figure of 4329, as of February 28, 1941, to 4826. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - APRIL 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Deliveries through 4/8/41	Pending (less awards)			
				14,394 "B" program	29 Misc. "B" program	10,375 Fifth Supp.	12,000 program (b)
<u>Airplanes</u>							
Heavy bomber	2246	1046	62	-	-	1200	800
Medium bomber	4616	2216	70	-	-	2400	1200
Light bomber	1390	1390	103	-	-	-	1000
Pursuit fighter	709	709	13	-	-	-	1150
Pursuit interceptor	4394	4082	507	312	-	-	4850
Observation	1308	1308	18	-	-	-	-
Transport	1065	790	23	-	-	275	240
Amphibian	74	74	0	-	-	-	-
Reconnaissance	17	17	14	-	-	-	-
Primary trainer	5040	3540	1188	-	-	1500	900
Basic trainer	5051	3051	686	-	-	2000	900
Advance trainer	3297	2297	318	-	-	1000	360
1 engine							
Advance trainer	3082	1082	16	-	-	2000	600
2 engine							
Grand Total	32289	21602	3018	312	-	10375	12000
<u>Engines</u>							
Heavy bomber	8988	4188	724	-	-	4800	3200
Medium bomber	9232	4432	338	-	-	4800	2400
Light bomber	2592	2492	371	100	-	-	2000
Pursuit fighter	1420	1394	39	-	26	-	2300
Pursuit interceptor	4394	4340	654	54	-	-	4850
Observation	2083	1901	348	182	-	-	-
Transport	2130	1560	60	-	20	550	480
Amphibian	148	148	0	-	-	-	-
Reconnaissance	34	34	34	-	-	-	-
Primary trainer	5040	3540	1550	-	-	1500	900
Basic trainer	5051	3051	921	-	-	2000	900
Advance trainer	3297	2297	610	-	-	1000	360
1 engine							
Advance trainer	6164	2164	385	-	-	4000	1200
2 engine							
Grand Total	50573	31541	6034	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.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - April 8, 1941

Source of Information: Statistics Branch, OCMG

GENERAL -- As of April 8, 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 eighty-nine percent has been contracted and an average of sixty-eight percent has been procured; the latter figure includes transfers from CCC stocks. Contracts awarded during the week ended April 12, 1941 amounted to 9 million, of which 7 million were for clothing and equipage.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the past quarter-monthly period include:

Bag, barrack	Sheet, cotton
Cap, field, cotton, khaki	Shirt, wool
Cloth, cotton, twill, tentage	Shoes, service
Gloves, h.h., riding, unlined	Spoon, M-26
Netting, mosquito	Trousers, cotton, khaki

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

DELIVERIES -- During the quarter-monthly period ended April 8, 1941, deliveries were effected on all but 43 of the 133 items; of these, 17 items have been completely procured; 1 is on schedule; 10 have no current schedules; 15 are behind schedule, including the following critical items:

Belt, cartridge, dismtd.	Saddle, Phillips, cargo
Breeches, wool	Suspenders, belt
Leggings, canvas, dismtd.	Tent, storage
Range, field, M-37	

SCHEDULES and DELINQUENCIES -- Of the 133 basic items, 62 are on or ahead of schedule; 10 have no current schedule; 61 are behind schedule. Items currently more than 20% delinquent and also behind February 28th schedules are:

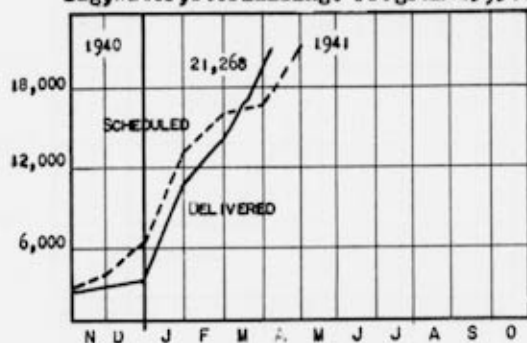
Scabbard, subMG, cal. 45 (57%)*	Case, dispatch, canvas (28%)*
Bag, canteen (39%)*	Goggles (26%)*
Can, milk (39%)*	Cloth, cotton, w/w resist. (25%)*
Trousers, fireman (31%)*	Tent, storage (21%)*
Bag, money, leather (30%)*	

*Behind January 31st schedules.

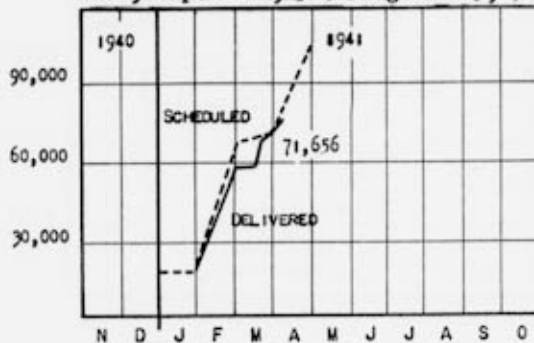
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 8, 1941

Source of Information: Statistics Branch, QMG

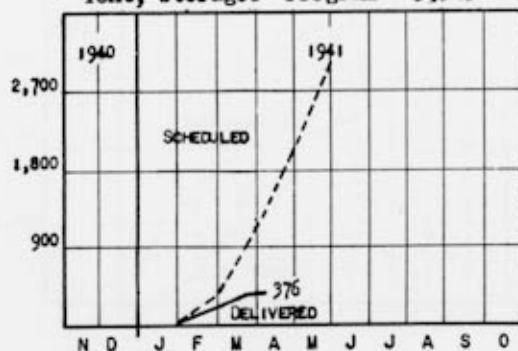
Bag, water, sterilizing. Program-25,576



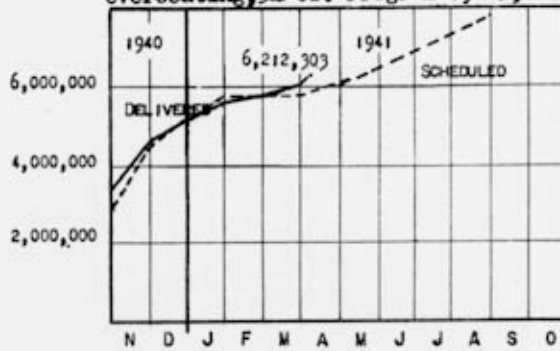
Belt, suspenders, M36. Program-105,257



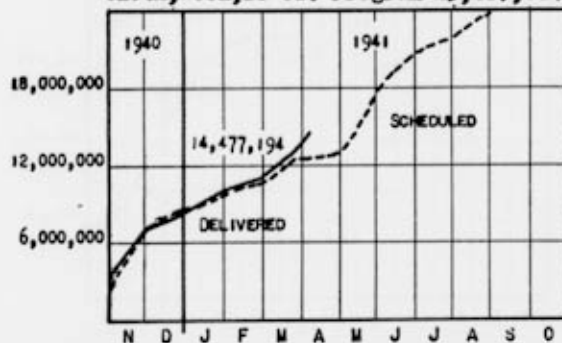
Tent, storage. Program - 3,543



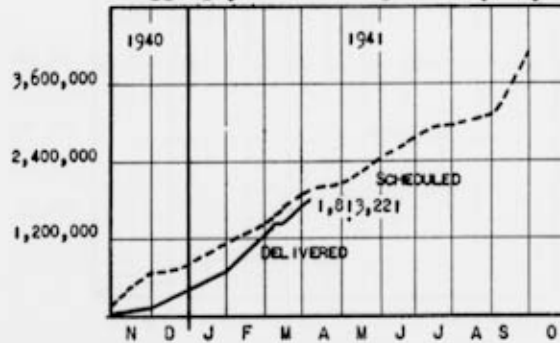
Overcoating, 32 oz. Program-7,873,319



Cloth, wool, 18 oz. Program-23,689,664



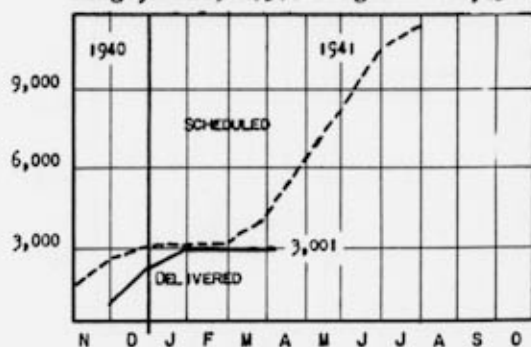
Leggings, Dismtd. Program - 4,139,743



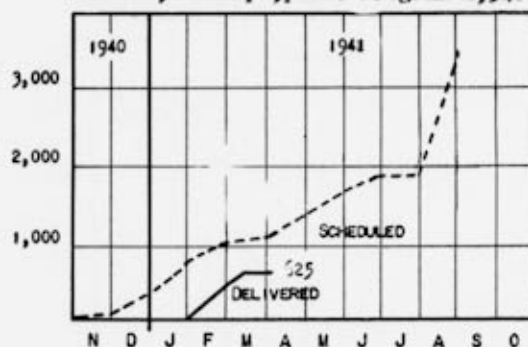
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 8, 1941

Source of Information: Statistics Branch, QMG

Range, field, M1937. Program - 11,438



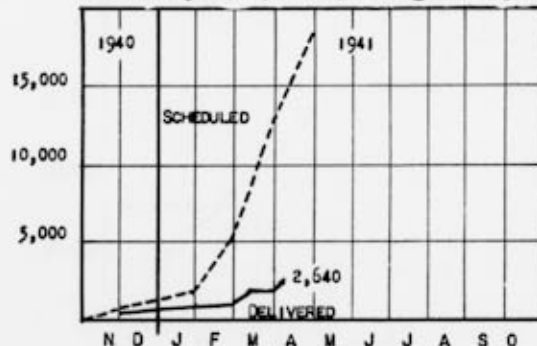
Saddle, Phillips, pack. Program-2,348



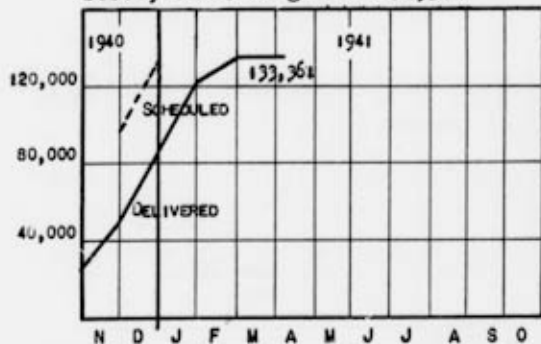
Saddle, Cavalry. Program - 5,828



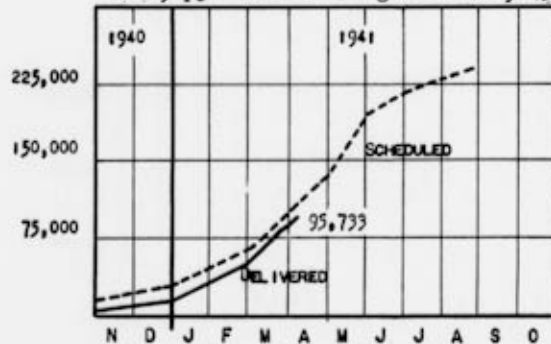
Scabbard, subMG, cal.45. Program-18,244



Stove, tent. Program - 294,379



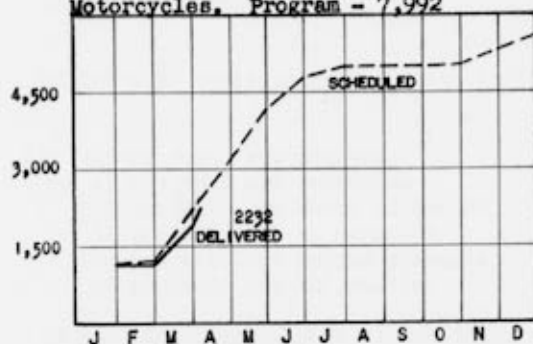
Tent, pyramidal. Program - 280,845



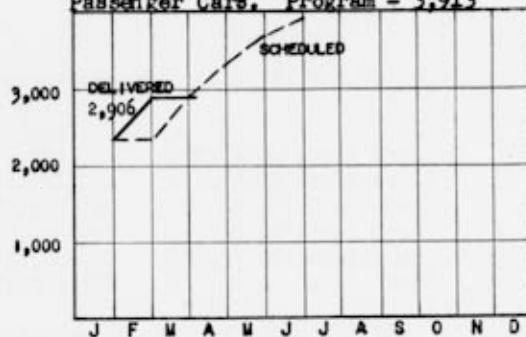
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - APRIL 8, 1941

Source of Information: Statistics Branch, OQMG

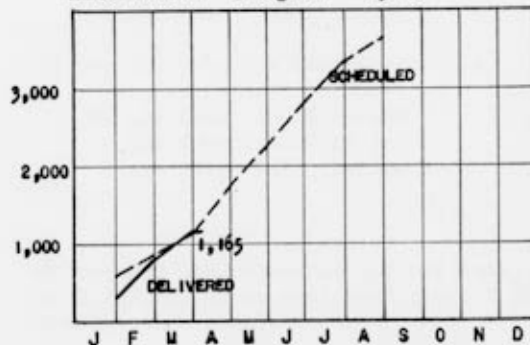
Motorcycles. Program - 7,992



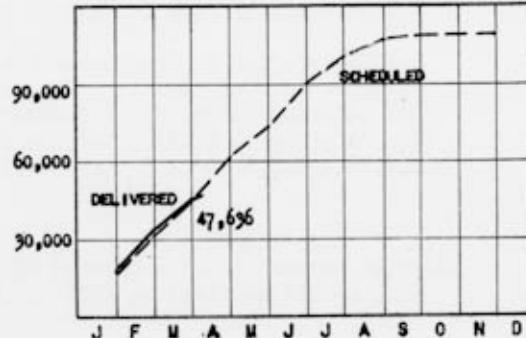
Passenger Cars. Program - 3,913



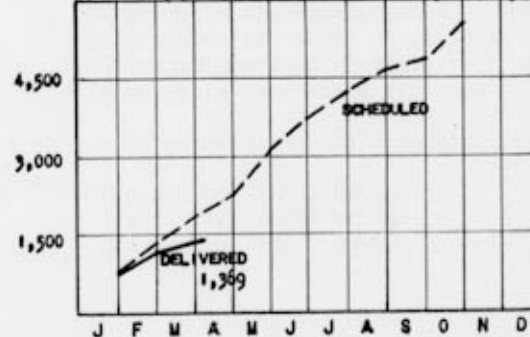
Ambulances. Program - 4,145



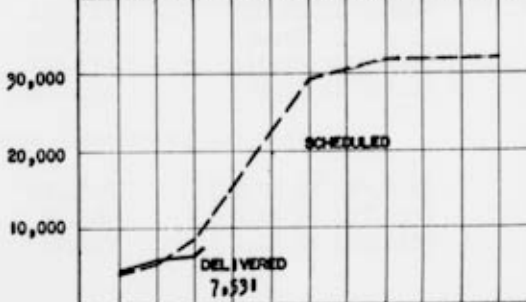
Trucks (1/2-3 ton incl). Program-122,520



Trucks (4-ton & Heavier) Program-6,098



Trailers, Semi-Trailers. Program-33,323



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - March 29, 1941

Source: Statistics Branch, QMG - O.A.S.W.

Of 263 Q.M. construction projects, with a total estimated cost of \$1,224,888,949:

	<u>Cost</u>	
245 projects are started	\$1,135,562,391	(92.7% of total cost)
41 projects are completed	41,371,044	(3.4% of total cost)
50 projects are ahead of schedule	323,112,139	(26.4% of total cost)
51 projects are on schedule	287,693,797	(23.5% of total cost)
103 projects are behind schedule	483,385,411	(39.5% of total cost)
18 projects are not started	89,326,558	(7.3% of total cost)

Of the 50 projects ahead of schedule, with an estimated cost of \$323,112,139:

35 are from 1-10% ahead	\$249,053,678	(77.1% of \$323,112,139)
13 are from 11-20% ahead	55,289,461	(17.1% of \$323,112,139)
2 are over 20% ahead	18,769,000	(5.8% of \$323,112,139)

Of the 103 projects behind schedule, with an estimated cost of \$483,385,411:

86 are from 1-10% behind	\$403,608,571	(83.5% of \$483,385,411)
9 are from 11-20% behind	70,109,548	(14.5% of \$483,385,411)
8 are over 20% behind	9,667,292	(1.9% of \$483,385,411)

Of the 263 Q.M. construction projects, 181 (69%) provide a troop housing capacity of 1,252,347 at an estimated cost of \$710,227,055 (58% of total estimated Q.M. construction cost).

Of the 181 projects providing troop housing:

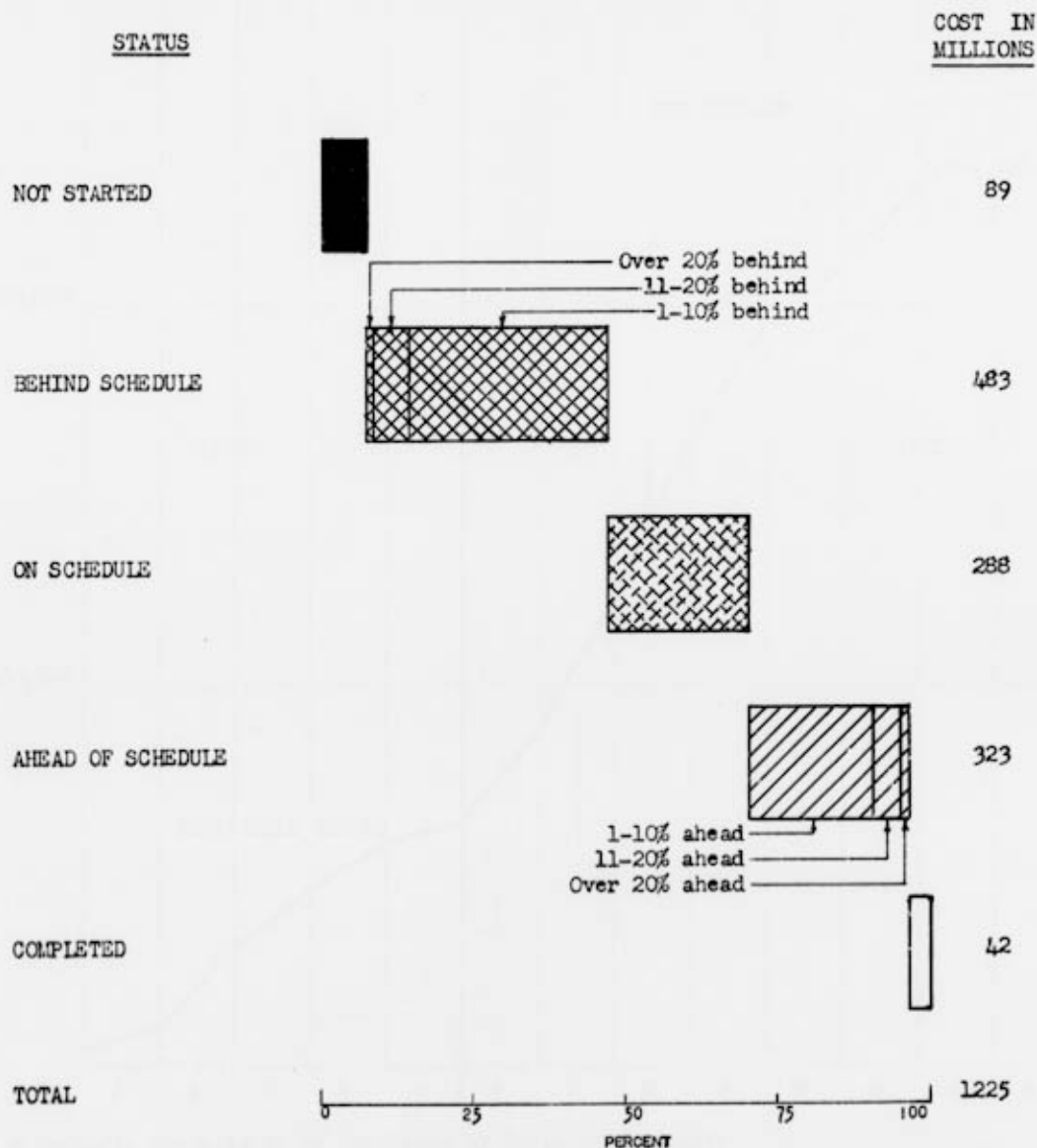
	<u>Capacity</u>	
181 projects are started	1,252,347	(100% of total)
38 projects are completed	132,213	(10.6% of total)
36 projects are ahead of schedule	436,205	(34.8% of total)
29 projects are on schedule	206,574	(16.5% of total)
78 projects are behind schedule	477,355	(38.1% of total)

Of the 78 projects behind schedule, with a troop capacity of 477,355:

70 are from 1-10% behind	434,329	(90.9% of 477,355)
5 are from 11-20% behind	32,527	(6.8% of 477,355)
3 are over 20% behind	10,499	(2.2% of 477,355)

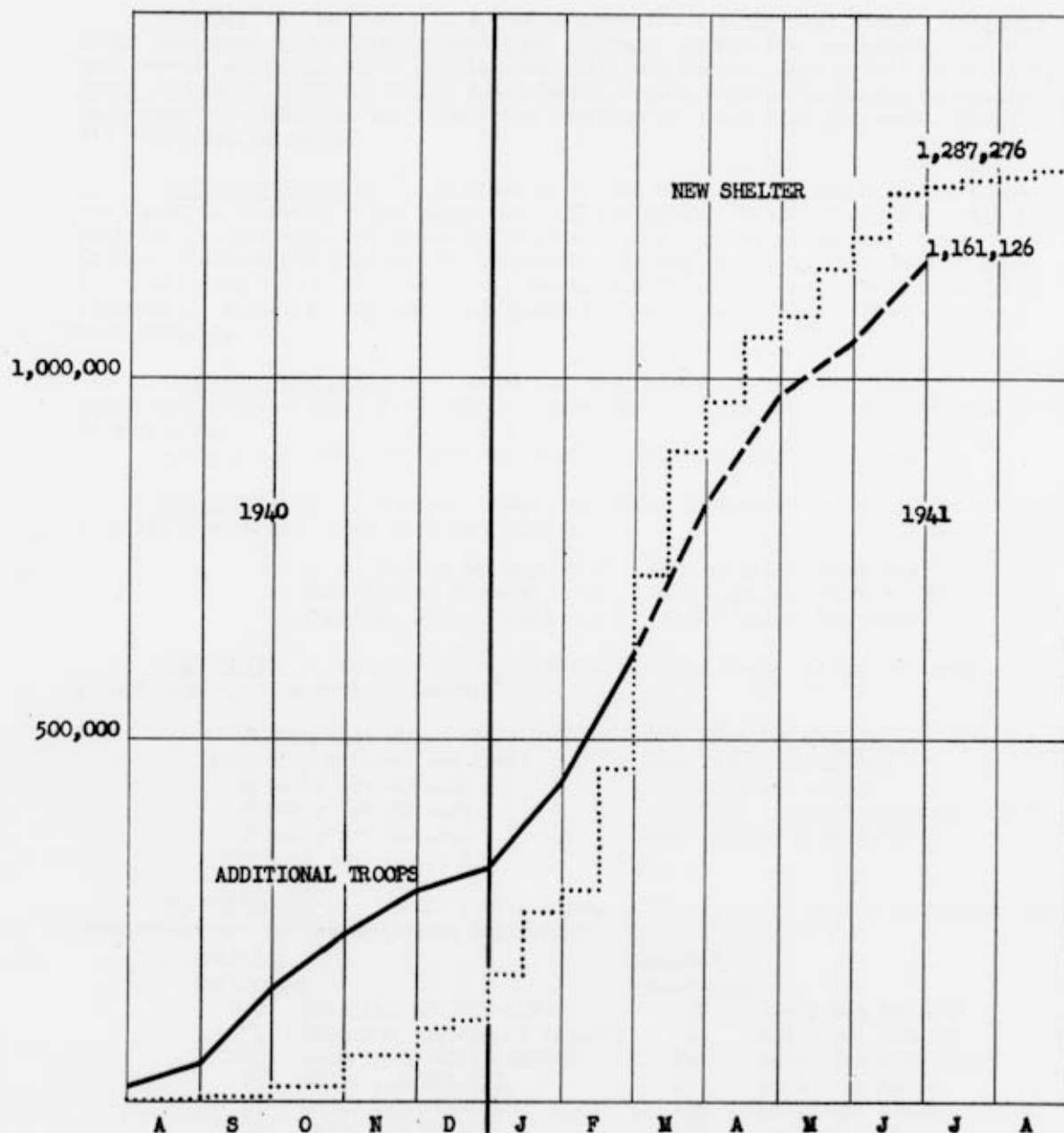
QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - March 29, 1941

Source: Statistics Branch, QMC - O.A.S.W.



QUARTERMASTER CORPS - ESTIMATED STATUS OF TROOP HOUSING* - APRIL 5, 1941

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



* Includes projects to be completed by Corps of Engineers

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - GROUND - APRIL 15, 1941

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

GENERAL - Contracts have been awarded for all critical items of Signal Corps equipment on approved expenditure programs, except the equipment approved for procurement under the Fifth Supplemental National Defense Appropriations Act F.Y. 1941, signed on April 5, 1941. Procurement program figures contained in this report have been modified to reflect the addition of quantities financed under the Bill referred to above.

LABOR DIFFICULTIES - Strikes at plants of Operadio Manufacturing Company and Allen D. Cardwell which began March 25 and April 1 respectively are still in progress and disputes are under negotiation. New strikes at Remler Company Ltd. in San Francisco and Lon-ga-Tone Corporation in New York City have been in progress since April 9. Both of these companies manufacture parts for Signal Corps equipment. Strike at Bayonne, N.J. plant of Phelps Dodge Copper Products has been settled.

COMPLETED CONTRACTS - Contracts covering the purchase of 18,545 miles of field wire W-110-B under F.Y. 1940 procurement have been completed two months ahead of schedule.

Contract for 990 Time interval signal BE-65 has been completed.

NEW CONTRACTS - Contract awards covering procurement of 81,500 miles new type field wire have been made as follows:

U. S. Rubber Company	-	63,500 miles	Wire W-130
The Okonite Company	-	10,000 miles	Wire W-130
Anaconda Wire & Cable	-	8,000 miles	Wire W-130

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

60 Frequency meter set SCR-211	470 Reel unit RL-31
1920 Head & chest set HS-19	2001 Telephone EE-8-A
4 Radio set SCR-197	110 Test set EE-65
6 Radio set SCR-206	22 Time interval apparatus EE-85
2 Radio set SCR-268	2612 (miles) Wire W-110-B
177 Reel unit RL-26-A	

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

Quantity delinquent		Quantity delinquent	
650	Charging set SCR-169	20	Radio set SCR-268
775	Frequency meter set SCR-211	15	Radio set SCR-271
200	Interphone equip. RC-48	144	Radio set SCR-288
25	Radio set SCR-131	176	Reel cart RL-16
25	Radio set SCR-171	496	Reel unit RL-26-A
132	Radio set SCR-178	651	Reel unit RL-31
12	Radio set SCR-206	102	Theodolite ML-47
443	Radio set SCR-245	15	Radio set SCR-270

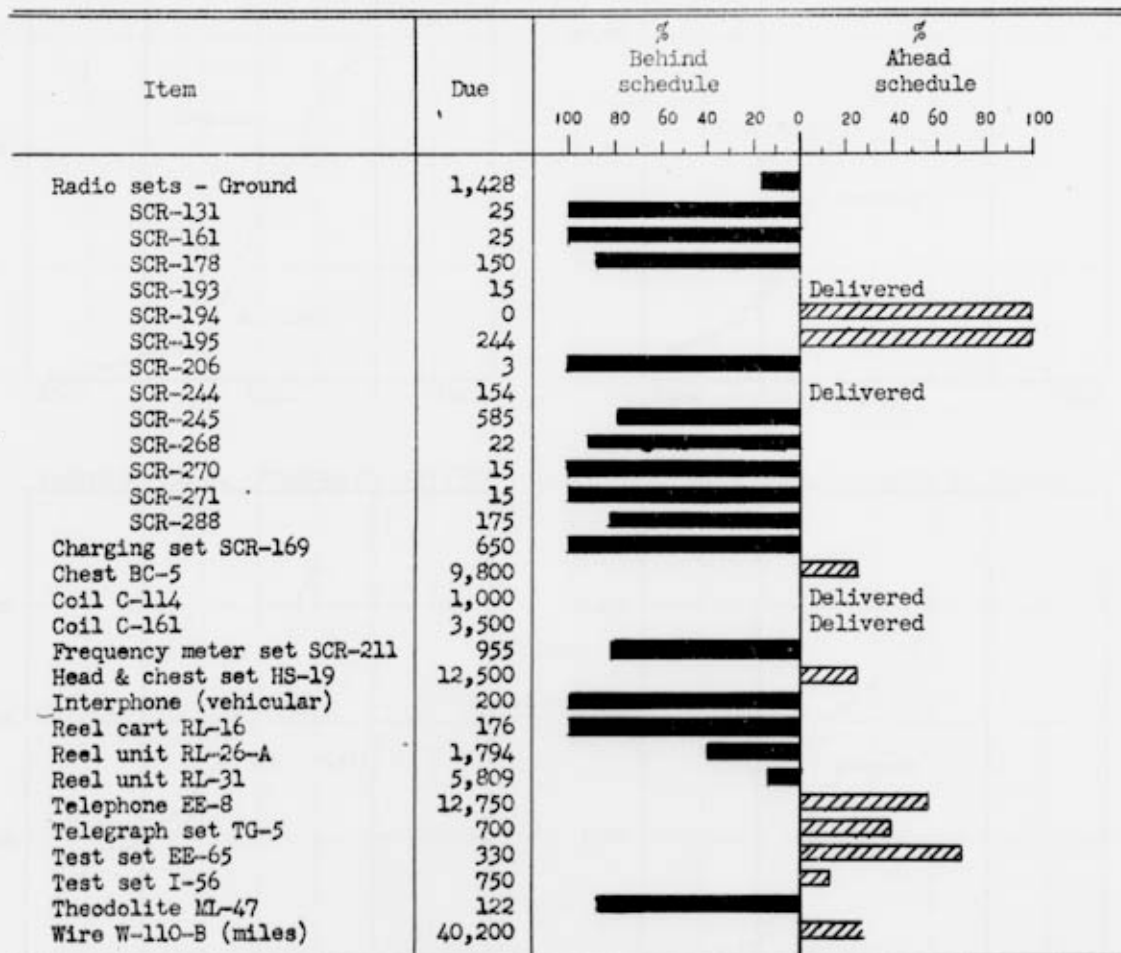
Signal Corps

STATUS OF PROCUREMENT PROGRAM - F.Y. 1941 - April 15, 1941

Source of Information: Supply Division, Office, 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.

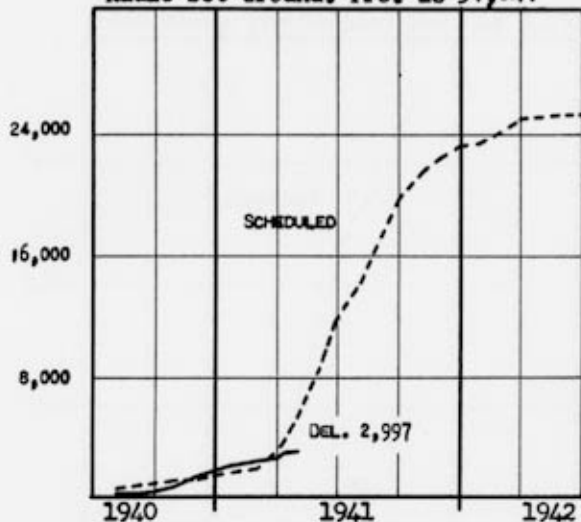
GROUND EQUIPMENT



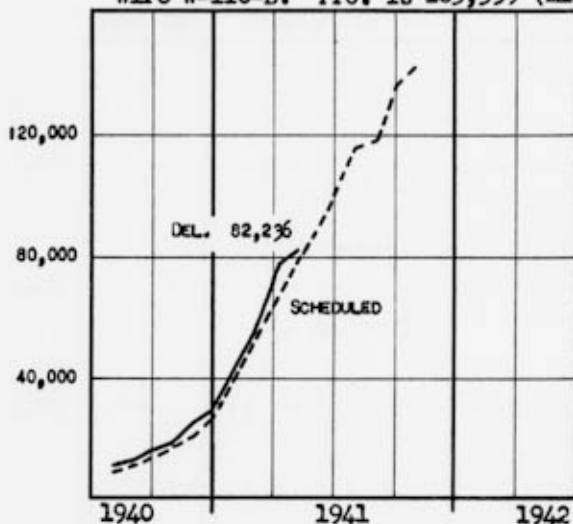
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 15, 1941

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

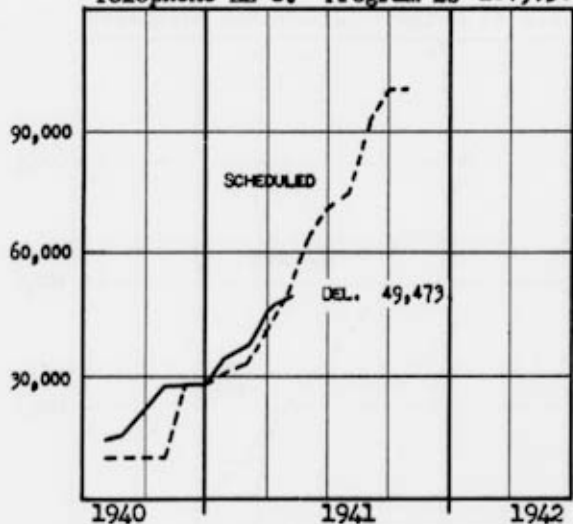
Radio Set-Ground. Pro. is 37,047



Wire W-110-B. Pro. is 183,359 (miles)



Telephone EE-8. Program is 107,930



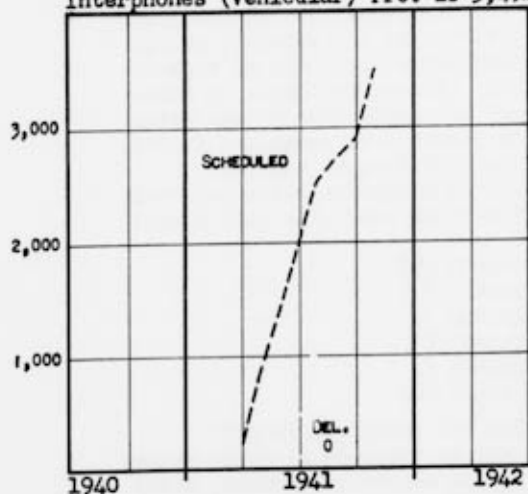
Reel Unit. Program is 23,086



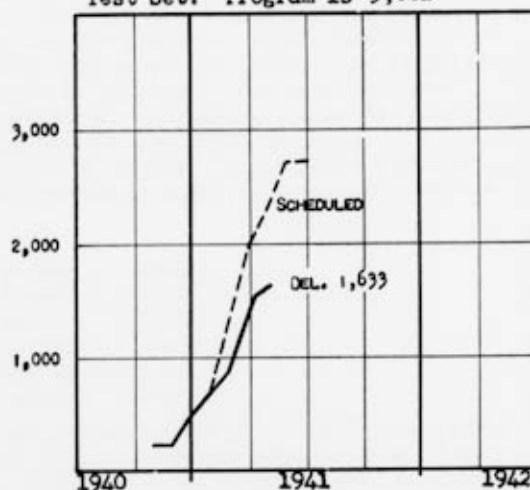
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 15, 1941

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

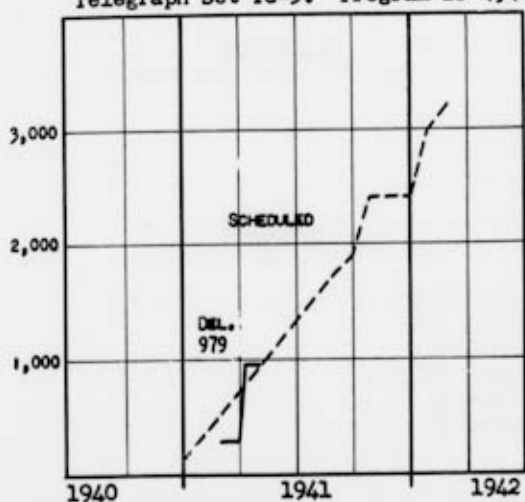
Interphones (Vehicular) Pro. is 3,492



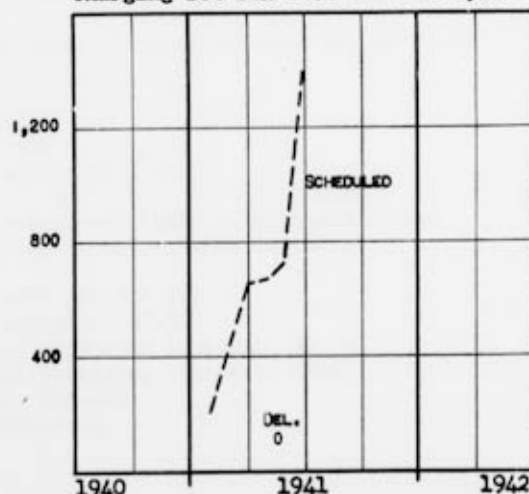
Test Set. Program is 5,061



Telegraph Set TG-5. Program is 4,427



Charging Set SCR-169. Pro. is 1,395



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - AIRCRAFT - APRIL 15, 1941

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

GENERAL - All aircraft signal equipment approved for procurement under the various expenditure programs to include the Third Supplemental National Defense Appropriation Act F.Y. 1941 have been placed under contract. Procurement of aircraft signal equipment approved under the Fifth National Defense Appropriation Act F.Y. 1941 has not been added to the existing program. It is understood that the Air Corps has made extensive changes in its procurement program which will materially affect the requirements of signal equipment. No determination of signal equipment requirements can be made until the Signal Corps receives notification as to quantities and types of aircraft which will be procured under the Act.

The Air Corps has recently acquired by requisition 10 Light Bombers A-27 and 6 single engine Pursuits P-64 from North American Aviation. Contracts have also been awarded for:

182 Observation planes	O-49A
6 Transport planes	C-49
1 Transport plane	C-49A
3 Transport planes	C-49B
13 Pursuit Fighter planes	P-64
100 Light Bomber planes	P-61

Signal equipment for these planes is not included in computed requirements shown in diagrams on pages 36 and 37 of this report due to lack of aircraft delivery schedules or to lack of information as to the signal equipment to be installed in these planes.

In addition, the diagrams do not include signal equipment requirements for 312 aircraft not yet placed under contract.

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

900 Headset HS-23
293 Microphone T-20
93 Microphone amplifier BC-216

DELINQUENCIES - The following critical items of aircraft signal equipment are behind scheduled deliveries in the amounts indicated:-

123 Frequency meter set SCR-211
255 Interphone equipment RC-51
320 Marker beacon receiving equipment RC-39
900 Marker beacon receiving equipment RC-43
50 Radio compass SCR-263
8 Radio set SCR-238-A

STATUS OF PROCUREMENT PROGRAM - F.Y. 1941 - APRIL 15, 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.

A I R C R A F T E Q U I P M E N T

Item	Due	% Behind schedule											% Ahead schedule										
		100	80	60	40	20	0	20	40	60	80	100											
Radio sets - Aircraft	2,527																						
SCR-183	724																						
SCR-187	9												Delivered										
SCR-238	8																						
SCR-283	1,772																						
SCR-287	14												Delivered										
Compass SCR-263	50																						
Filter equipment RC-32	3,558																						
Frequency meter set SCR-211	123																						
Head set HS-23	6,800																						
Interphones - Aircraft	1,465																						
RC-27	680												Delivered										
RC-36	530												Delivered										
RC-51	255																						
Marker beacon rec'g equip.	1,570																						
RC-39	320																						
RC-43	1,250																						
Microphone T-20	1,800																						
Microphone amplifying equip- ment RC-19	1,200																						

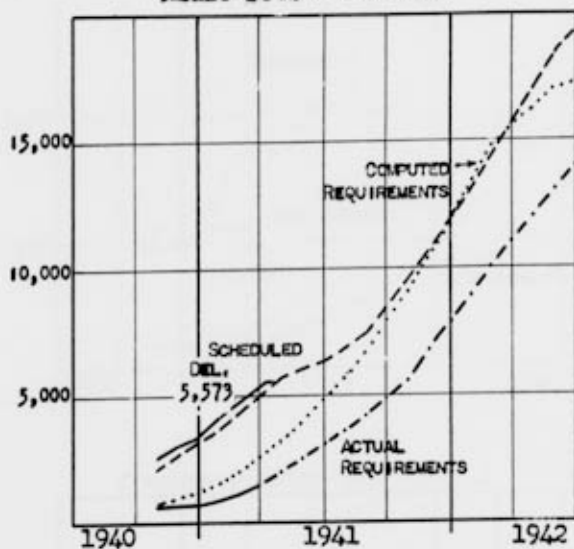
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 15, 1941

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

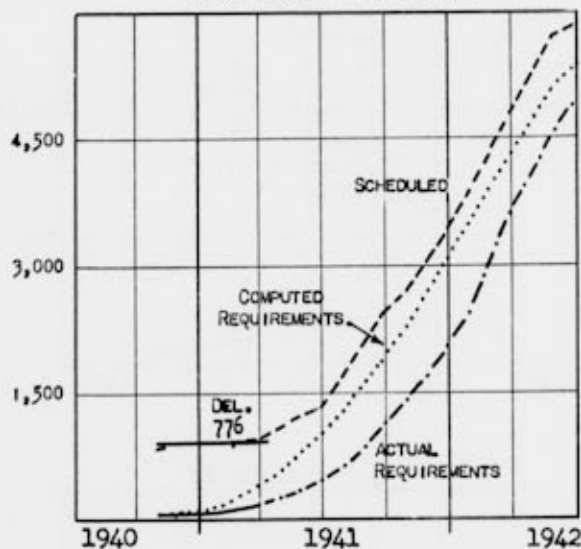
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS 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.

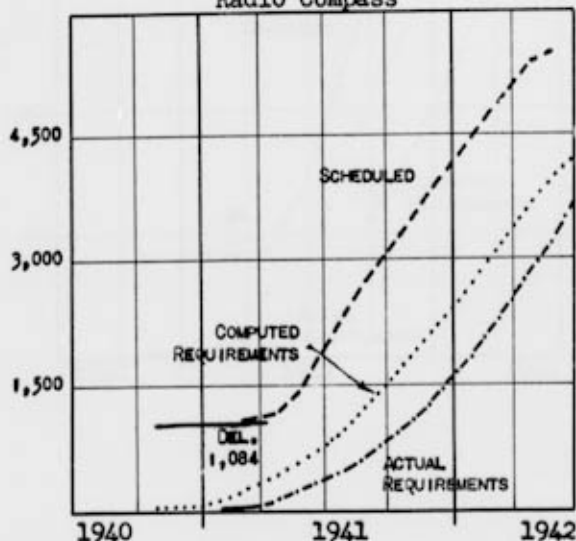
Radio Sets - Command



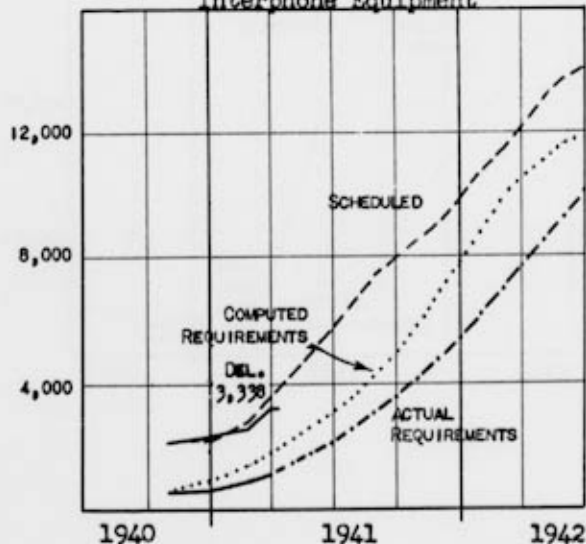
Radio Sets - Liaison



Radio Compass



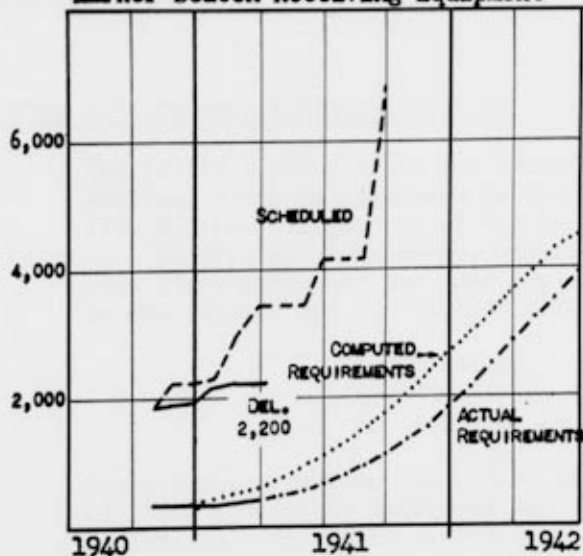
Interphone Equipment



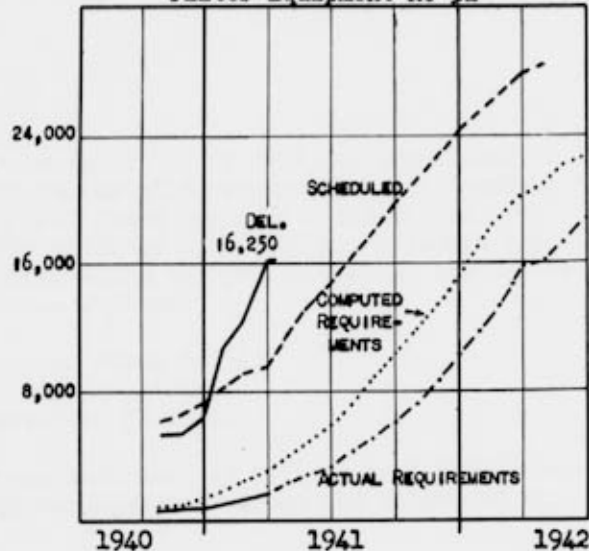
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 15, 1941

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

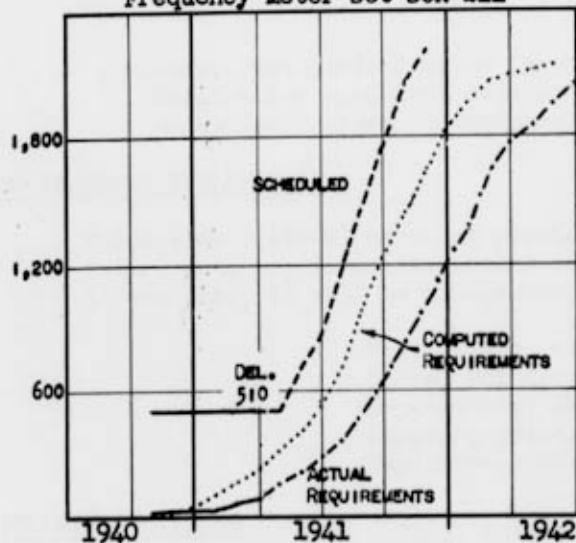
Marker Beacon Receiving Equipment



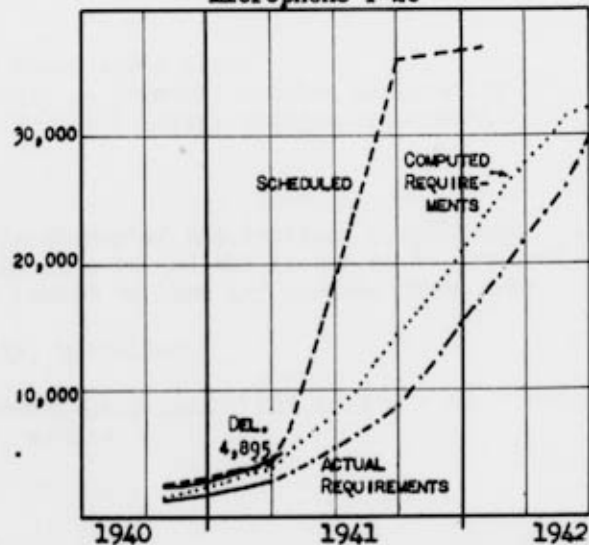
Filter Equipment RC-32



Frequency Meter Set SCR-211



Microphone T-20



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

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

FIFTH SUPPLEMENTAL APPROPRIATION ACT

The latest appropriation act became law on April 5. By this act the number of critical items is increased to 54. This number will henceforth be followed by this office. In general it may be said that funds are made available to provide initial and maintenance materiel for a PMP of 1,600,000 men although for some items funds are provided for an augmentation to 2,800,000 men. The effect on the reports put out by this office is as follows.

1. Increase in number of items to 54.
2. Changes in names of some items.
3. Increase in program for FY 1941.

Since the programs for individual items are increased it follows that the number of items completely delivered and the percentages contracted and delivered will be less than in recent reports.

NAME CHANGES

The changes in names of the items are:

Auger, earth, motorized -- formerly power earth auger
Duplicating equipment, gelatin process -- formerly machine duplicating
Multiplex Projection equipment -- formerly aerial wrapping equipment

NO PROGRAMS FOR FY 1941

Funds (for 5 items) were not provided in either of the previous acts or the latest act, so, since the number on hand is zero and the number to be procured is the same, it will be unnecessary to report on them any longer. They are:

Boat, power, utility, w/trailer
Crane, portable
Duplicating, Equipment, gel. proc., 18" x 18"
Compass, prismatic, w/case
Explosive, TNT

PROGRAM COMPLETED

As of March 31 there were nine items for which the program was 100 percent contracted and delivered. During the first quarter of April one more was added by the delivery of the last shipment of trailers for medium tractors. The new funds increased the programs on five of them so that there are now only five which are 100 percent delivered. They are:

Angledozer for medium tractor
Boat, assault
Grader, road, motorized
Map reproduction equipment, C.A. Hqs.
Water purification unit, mobile

PROCUREMENT INDEX

Reference was made last week to an index which would show the progress of the entire Engineer Procurement Program. This index is shown on a following page. It is made up from 25 critical items for which funds were provided through the Third Supplemental Appropriation Act. These funds provided materiel to equip and maintain a PMP of 1,200,000 men. On the index 100 represents this materiel.

The index shows that at the end of March about 55 percent of the materiel for the PMP was delivered and that on April 8 it had increased to about 56.5 percent. If the schedule is followed 90 percent of the materiel for this force will be on hand about the middle of July.

SEARCHLIGHT, 60" ANTI-AIRCRAFT

The searchlight situation is continuing to improve. During the past week 55 were delivered against a schedule of 46. For the past month (March 8 to April 8) 180 were delivered against a schedule of 164. The present position is 562 delivered or 226 less than the 788 scheduled. The shortage is 29 percent of the number scheduled. A month ago searchlights were 39 percent behind schedule. The new appropriation act increased the number of searchlights to be procured by 329. The program is increased from 2,156 to 2,485.

AHEAD AND BEHIND SCHEDULE

There are eight items being delivered ahead of schedule and ten behind schedule. The items and the percents behind schedule are:

18" searchlight	98
Stereoscope, mirror	59
10 ton ponton bridge	42
60" searchlight	29
3/8 yard shovel	14
Air compressor	12
Gasoline hammer	8

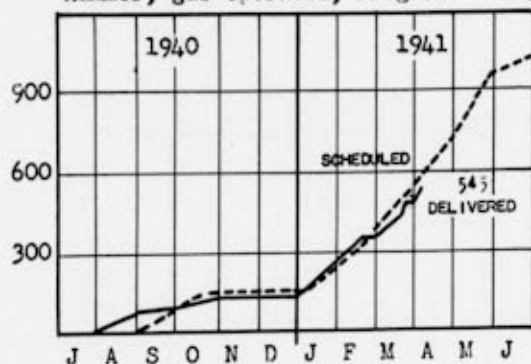
AIR COMPRESSOR

During the past week only seven compressors were delivered where 18 were scheduled. The deficiency increased from 56 to 67 or 12 percent of the number due. Reports are that the Le Roi Company of Milwaukee, Wisconsin, has been having trouble getting deliveries on a small sub-assembly but that the situation is being corrected and that deliveries are soon expected to exceed schedules by 25 units per month. If this occurs the contract will be completed in July according to schedule.

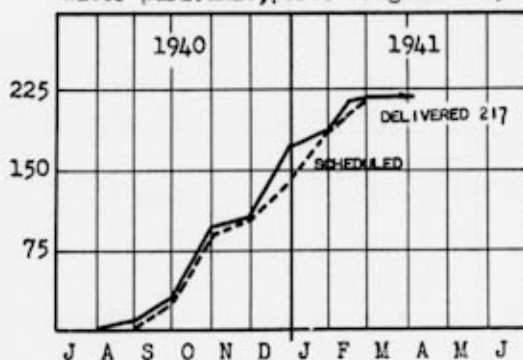
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 8, 1941

Source of Information: Office of the Chief of Engineers

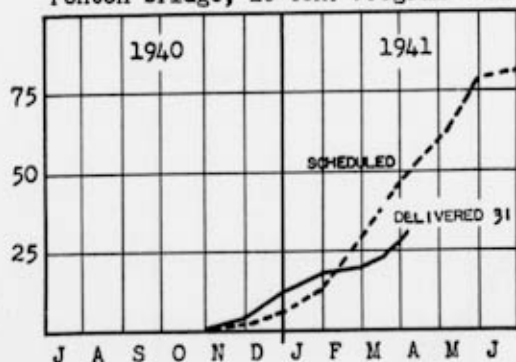
Hammer, gas operated, Program - 1063



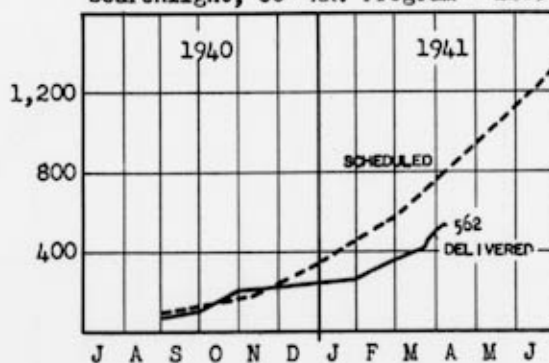
Water puri.unit,port. Program - 298



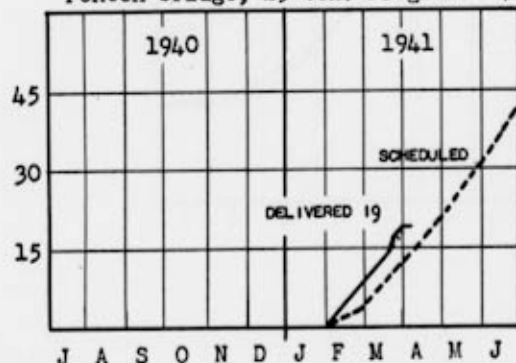
Ponton bridge, 10-ton. Program - 81



Searchlight, 60" AA. Program - 2485



Ponton bridge, 25-ton. Program - 71



Electric lighting equip. Program- 737

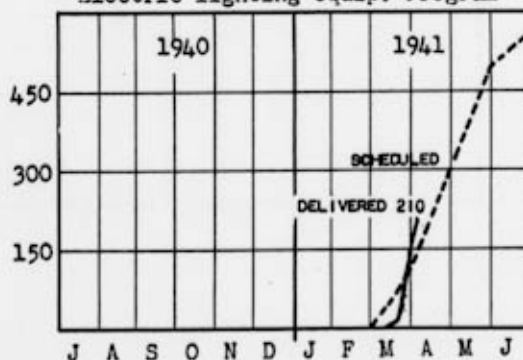
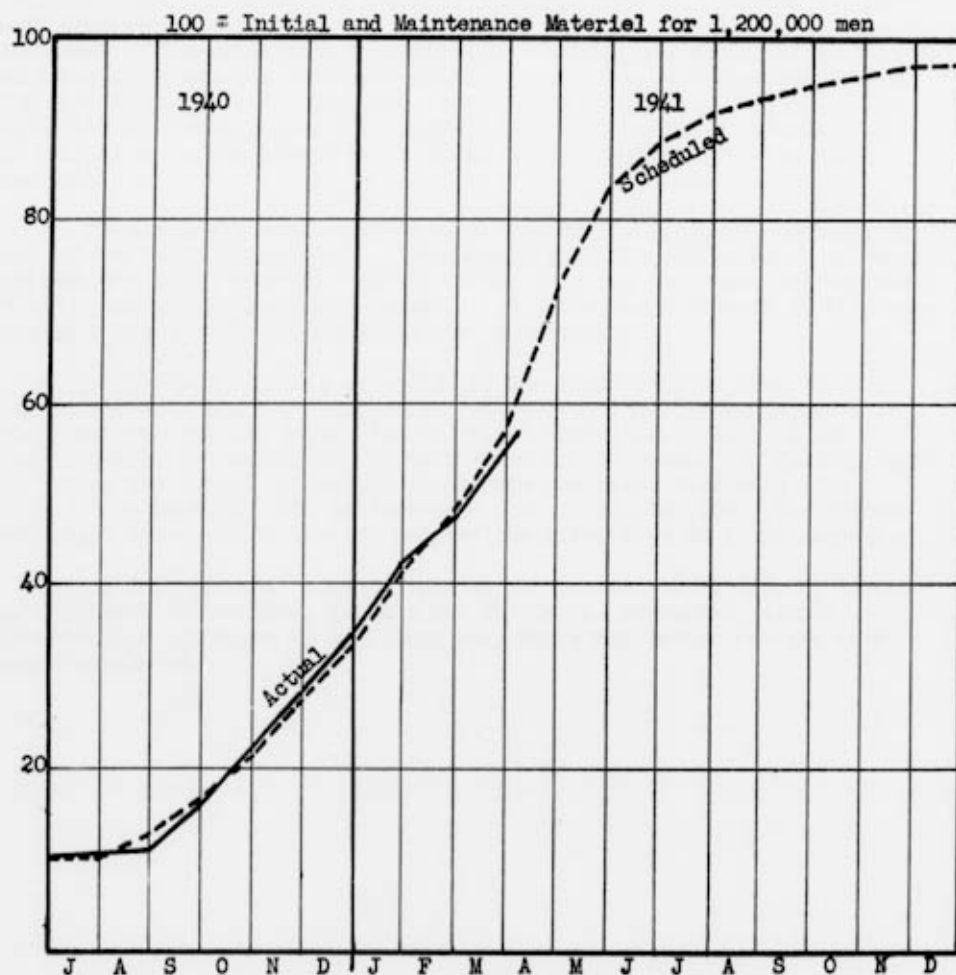


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 8, 1941

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

INDEX OF ENGINEER PROCUREMENT



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

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

The Air Corps construction program was in the hands of the Quartermaster Corps until the year end when its transfer to the Corps of Engineers was started. The Quartermaster Corps will complete about 3 percent of the present program while the remaining 97 percent is being transferred to the Corps of Engineers. This construction consists of housing, and technical facilities at existing Air Corps stations and municipal air ports, construction of new airfields with these facilities, and four projects totalling \$40,059,000 for construction of aircraft assembly plants. Quarters are being provided for about 160,000 air corps troops at 75 locations in the United States and possessions.

The total estimated cost of work underway is \$165,617,000 being 54 percent of the estimated program. This leaves \$140,477,500 or about 46 percent of the work yet to be started. Before final plans for this work are approved there will possibly be several changes, so it is rather difficult at this time to predict the dates of completion of the projects.

As of March 31 it is estimated by the field reports that about 37 percent of the work has been completed. No project is 100 percent complete, though a few are complete except for technical facilities. Most of the projects underway are scheduled for completion in the summer and fall of this year. During the latest half-month period the estimated cost rose from \$291,373,500 to \$306,094,500, an increase of about \$15,000,000. The percent of completion based on the present program has risen from 36 to 37 percent.

The four aircraft assembly plants are located at Ft. Worth, Texas; Tulsa, Oklahoma; Kansas City, Kansas; and Ft. Crook, Nebraska. Actual construction has not begun on the first two, while the latter two are each 1 percent completed.

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED APRIL 19, 1941

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

The delivery of surgical instruments due to a combination of circumstances, which keep cropping up to plague manufacturers, appears to be slowing up. The most common difficulties are the slowness of deliveries of rustless steel by the steel producers, the scarcity of skilled labor and disagreements over pay and working conditions leading to strikes.

The J. Sklar Manufacturing Company, Long Island City, New York, the largest manufacturer of surgical instruments in the United States became involved in a strike which started April 4, 1941. According to the Press this strike was certified to the National Defense Mediation Board April 9. The Board dispatched telegrams to both the company and the CIO Labor Union April 11, 1941.

On April 12 from Biddeford, Maine comes a report that the Pepperell Manufacturing Company's sheeting division, employing some 1200 persons, was closed by a strike. This firm has a contract to furnish sheets for the Medical Department.

The Fifth Supplemental National Defense Appropriation Act 1941, contains \$6,486,819 for the Medical Department. Of this amount \$2,876,000 is for supplies and equipment for new hospitals at post camps and stations, while the remaining \$3,610,819 is for deferred critical items to complete the 1940 Munitions Program.

From a report on Time Schedules of Delivery Requirements and Contracted Deliveries, as of March 1, 1941, it is evident that all optical instruments required by the Medical Department, amounting to \$259,168 have been delivered on time. The remainder of the Program amounting to \$151,948 calls for delivery between March 2 and June 30, 1941.

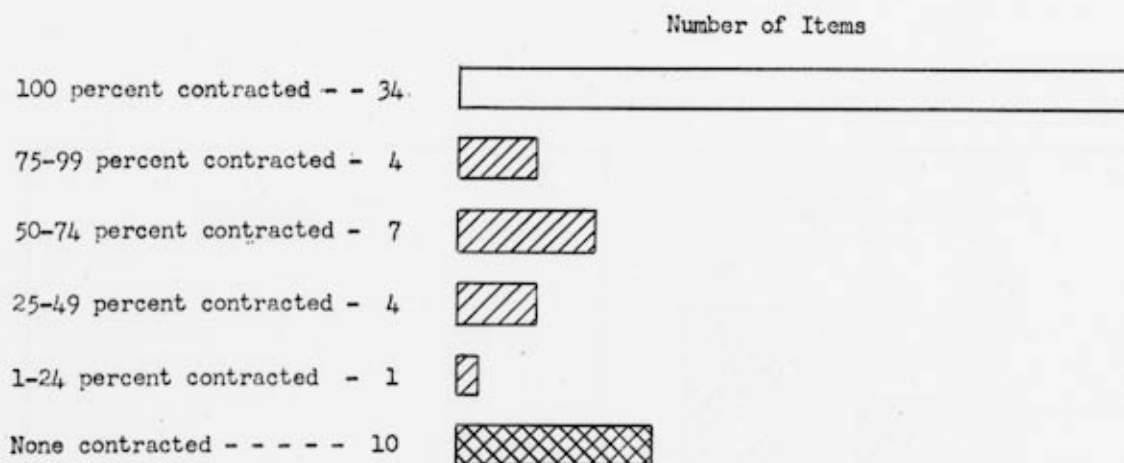
The Weekly Progress Report dated April 8, 1941, shows completion by the Dayton Wheel Company, Dayton, Ohio of their contract for carrier field collapsible. This firm was about seventy days behind schedule.

MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - APRIL 8, 1941

Source of Information: Medical Department Procurement Progress Reports

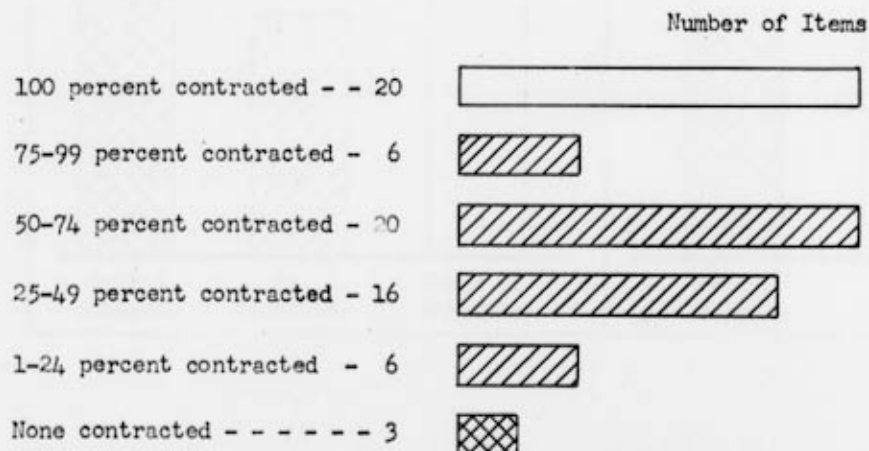
NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED

Thru March 31, 1941



NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED

Thru April 8, 1941

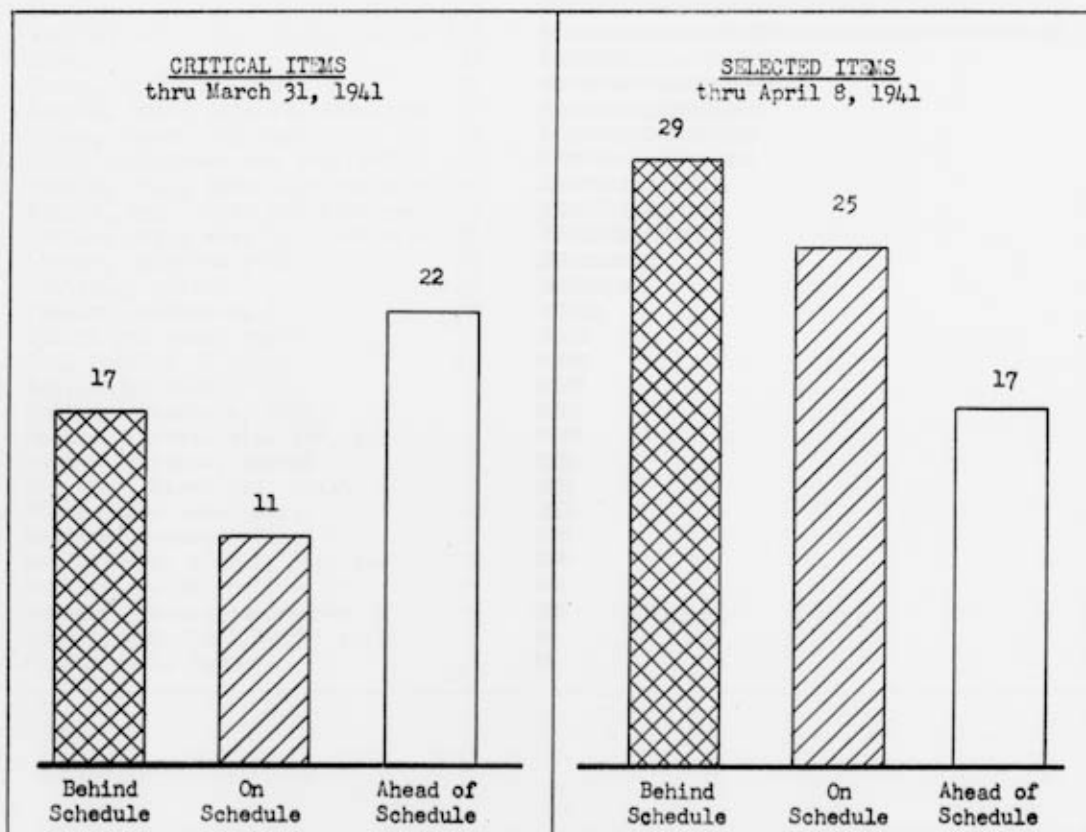


Medical Department

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

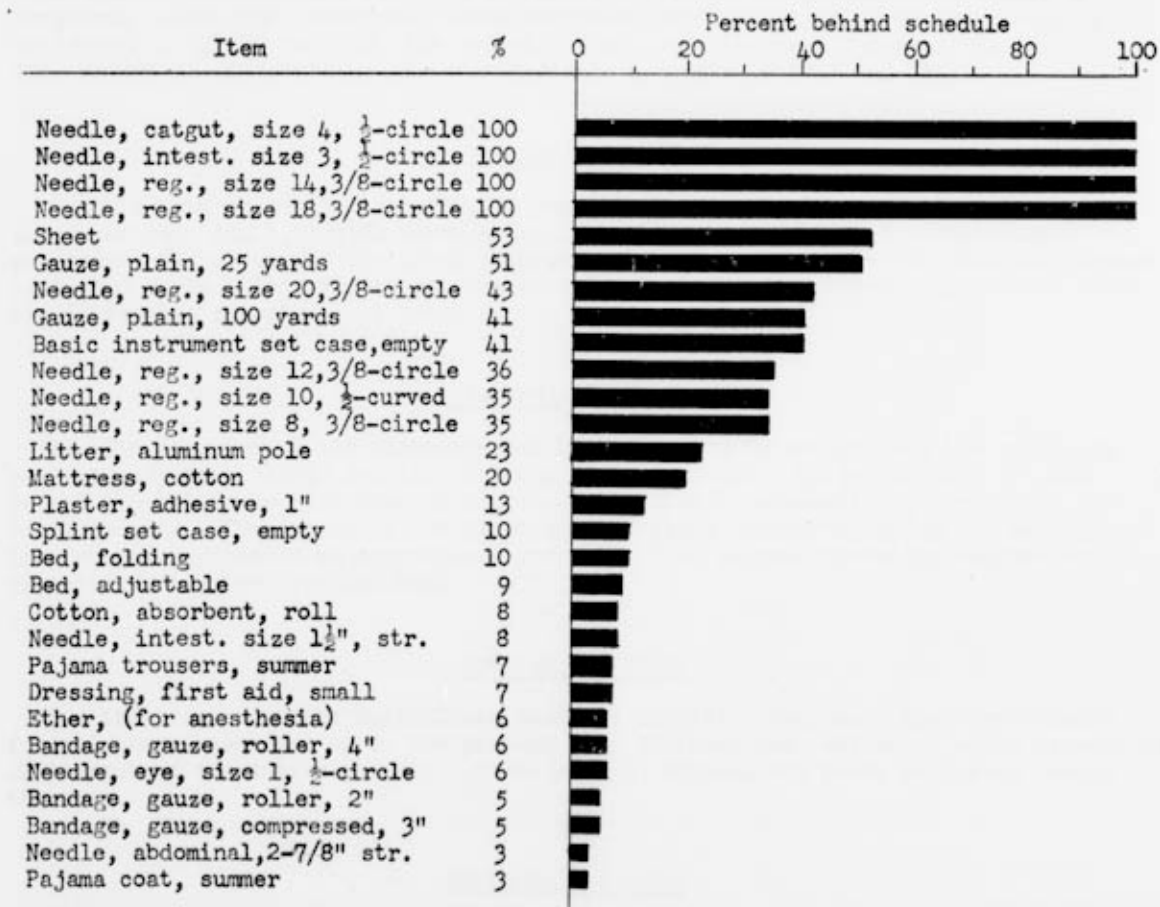
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



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

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - APRIL 18, 1941

Source of Information: Reports received from the Chemical Warfare Service

1. The Chemical Warfare Service continues to report favorable progress of deliveries of the major critical Chemical Warfare items during the week ended April 11, 1941.
2. 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.

Service Gas Masks

3. The program calls for 1,879,781 Service Gas Masks. All these items are now under contract and 1,338,022 Service Gas Masks have been delivered. This figure represents 71 percent of the total program. The weekly deliveries of this item amount to 76,393 masks. This figure represents an increase of approximately 5 percent above the deliveries reported last week.

Diaphragm Gas Masks

4. The program for the Diaphragm Gas Masks amounts to 920,153 and the contracts have already been placed for the assembly of these items. Up to the date of this report 305,344 masks have been delivered. This figure represents 33 percent of the total program. There were 74,800 Diaphragm Gas Masks delivered during the week and this number represents an approximate increase of 22 percent above the deliveries reported during the previous week.

Optical Gas Masks

5. The program on the Optical Gas Masks is 117,123. Contracts have been placed for all these masks and up to the present time 500 have been delivered which represents .4 percent of the entire program. There were no Optical Gas Masks delivered during the week.

Training Gas Masks

6. The Training Gas Mask, while not considered a critical item, is placed in the category of an essential item. The program for this particular type of mask amounts to 1,808,304. All these masks are now under contract and 930,617 have been delivered up to the present time. This figure represents 51 percent of the total program. There was a total of 127,789 masks delivered during the week. This figure represents an increase of approximately 13 percent above last week's deliveries.

Extra Gas Mask Canisters

7. Additional Gas Mask Canisters are required for replacement purposes and as a general rule there should be one canister in reserve for every two gas masks. The program for Service Gas Mask Canisters amounts to 927,061 and it is noted that all these canisters are under contract and up to the present time 167,528 have been delivered. This figure represents 18 percent of the total program. During the week 15,320 canisters have been received while last week no deliveries were reported.

There are 448,600 Diaphragm Gas Mask Canisters on the program and these items are under contract. Some 78,521 canisters have been delivered to date and this figure represents 18 percent of the program. During the week no deliveries have been reported.

The program for Optical Gas Mask Canisters amounts to 19,417 canisters. This amount is under contract. None of these canisters has been delivered up to the present time.

Mustard Gas (HS)

8. The program calls for 2,630 tons of Mustard Gas and this quantity is under contract. Up to the present time there has been 1,718 tons delivered which figure represents 65 percent of the program. During the week some 85 tons have been delivered. This is an increase of 90 percent above the delivery figures of the previous week.

There are 89 tons of CNB Irritant Gas on the program which amount is all under contract and up to the present time 83 tons have been delivered. This figure represents 93 percent of the total program. The deliveries this week amounted to 7½ tons, while no deliveries were reported the previous week.

The program calls for 11,030 D.M. Irritant Candles which amount is under contract and 500 of these candles have been delivered. This figure represents approximately 5 percent of the total number under contract.

White Phosphorus

9. The program calls for 3,034 tons of White Phosphorus. This quantity is all under contract at the present time and some 500 pounds have been delivered. In this particular case Edgewood Arsenal has not called for deliveries of this element because of the lack of proper storage facilities. It is understood that the necessary storage pits are under construction and will be completed on or before June 30, 1941. The lack of White Phosphorus in no way interferes with the present filling program because the Ordnance Department has not supplied the Chemical Warfare Service with the necessary shell bodies for filling. This item can be obtained on short notice and without difficulty.

Impregnite

10. Impregnite is a chemical compound used for the impregnation of clothing and shoes to make them impervious to vesicant gases. There are two specific types of impregnite; one known as Impregnite I which is used for impregnating clothing and the other Impregnite MI which is used for the impregnation of shoes.

Impregnite (Cont'd)

The program calls for 1,712 tons of Impregnite I which amount is all under contract and up to the present time 215 tons have been delivered. This figure represents 13 percent of the total program.

The tonnage of Impregnite MI required under the program amounts to 2,317 but only 40 tons of this amount are under contract because of certain difficulties which have risen in the change of packing specifications. This item was originally required in bulk packing but the new specifications require deliveries in small 8 ounce tubes. New proposals have already been sent out for the purchase of the balance of Impregnite MI.

There are four manufacturing plants under construction for the production of Impregnite I and their combined capacity will be equivalent to approximately 20 tons per day. These plants are expected to be in operation by August 1, 1941.

The Navy Department has placed orders with the Chemical Warfare Service for the necessary impregnite to be used on naval clothing.

Gas Mask Repair Kits

11. To provide for the proper maintenance of Service Gas Masks there are 2 important types of Gas Mask Repair Kits; one known as the Regimental Repair Kit and the other, the Company Repair Kit. The Regimental Repair Kit costs approximately \$105 each, while the Company Repair Kit costs approximately 50 cents.

There are similar types of repair kits used for the maintenance of Training Masks but these particular kits are somewhat less expensive than the service kits.

The program for the Regimental Repair Kit calls for 2,971 units. This amount is now under contract and 781 units have been delivered up to the present time. This figure represents 26 percent of the total program.

The program for the Company Service Repair Kits amounts to 59,209. This quantity has been delivered and the contract is now completed. The program for Company Training Repair Kits amounted to 384,083 units. These items have been delivered and thus the contract is completed.

The program for the Regimental Training Repair Kits amounted to 3,965 units. This amount is now under contract and 213 have been delivered up to the present time. This figure represents 5 percent of the total program for this item.

Decontaminating Equipment

12. There are two types of Decontaminating Equipment; one known as the 3 gallon pressure type and the other, the 1½ quart size. The present program calls for 50,420 units of the 3 gallon type and 44,406 have been delivered. This figure represents 88 percent of the program.

There have been 7,474 units of the 1½ quart type of Decontaminating Equipment delivered. This amount represents the completion of the program for this particular item.

Portable Chemical Cylinders

13. The program calls for 546 Portable Chemical Cylinders, which amount is under contract, and 500 of these cylinders were delivered to Edgewood Arsenal during the past two weeks. These 500 cylinders have all been rejected by the Inspection Division at Edgewood Arsenal and a detailed report will be submitted as soon as it is received from the Chemical Warfare Service.

Chemical Mortar Shells

14. The seeming lack of productive activity on Chemical Mortar Shells is due to the low priority placed by the General Staff on the 4.2" Chemical Mortars. There have been certain difficulties in obtaining the necessary machine tools for the manufacture of Chemical Mortar Shells. The current program calls for 60,700 4.2" Chemical Shells of which 18,900 have been released by the General Staff and are now under contract.

Livens Projector Shells

15. The program for Livens Projector Shells amounts to 3,548 units. This amount is under contract but no deliveries have been made up to the present time. Livens Projector Shells are obtained by interbranch procurement through the Ordnance Department but the Chemical Warfare Service has not been able to secure from the Ordnance Department a schedule of deliveries on these shell bodies.

Mobile Field Laboratories

16. A contract has been placed for 8 Field Laboratories but there has been no delivery up to the present time. This item does not present any serious problem because the major items of equipment for these laboratories have been procured and are available; however, there are a few small items which are difficult to obtain but it is expected that the contract for the completed laboratories will be completed by June 30, 1941.

Airplane Chemical Spray Tanks

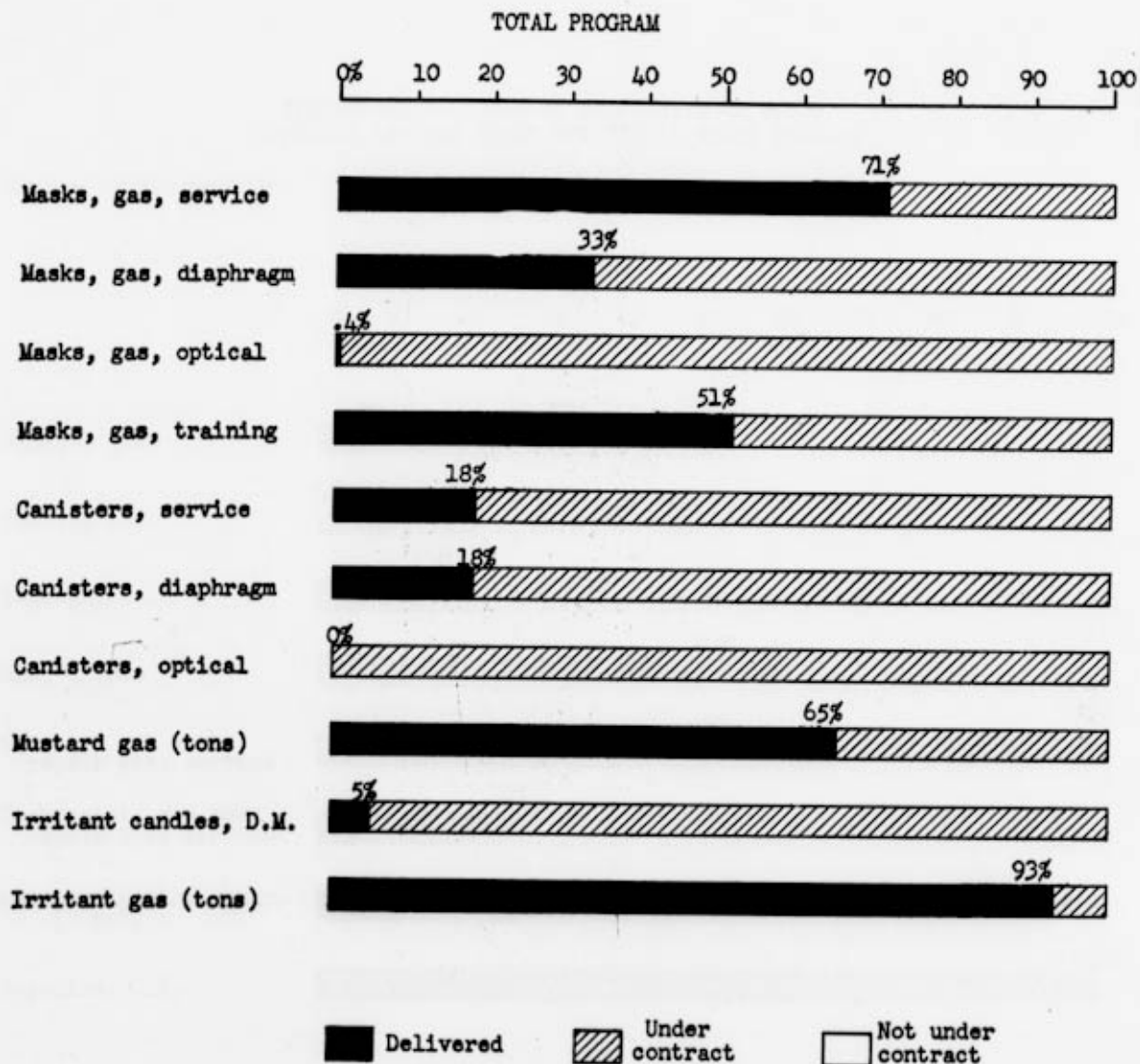
17. The procurement program calls for the manufacture of 3,642 Airplane Chemical Spray Tanks but this item has been temporarily held up pending the revision of specifications. It is not expected that the deliveries of these Aeronautical Chemical Spray Tanks will be made prior to June 30, 1941.

Horse Gas Masks

18. The production of Horse Gas Masks has been held up indefinitely because it appears that the General Staff is adverse in its consideration of the manufacture of these masks.

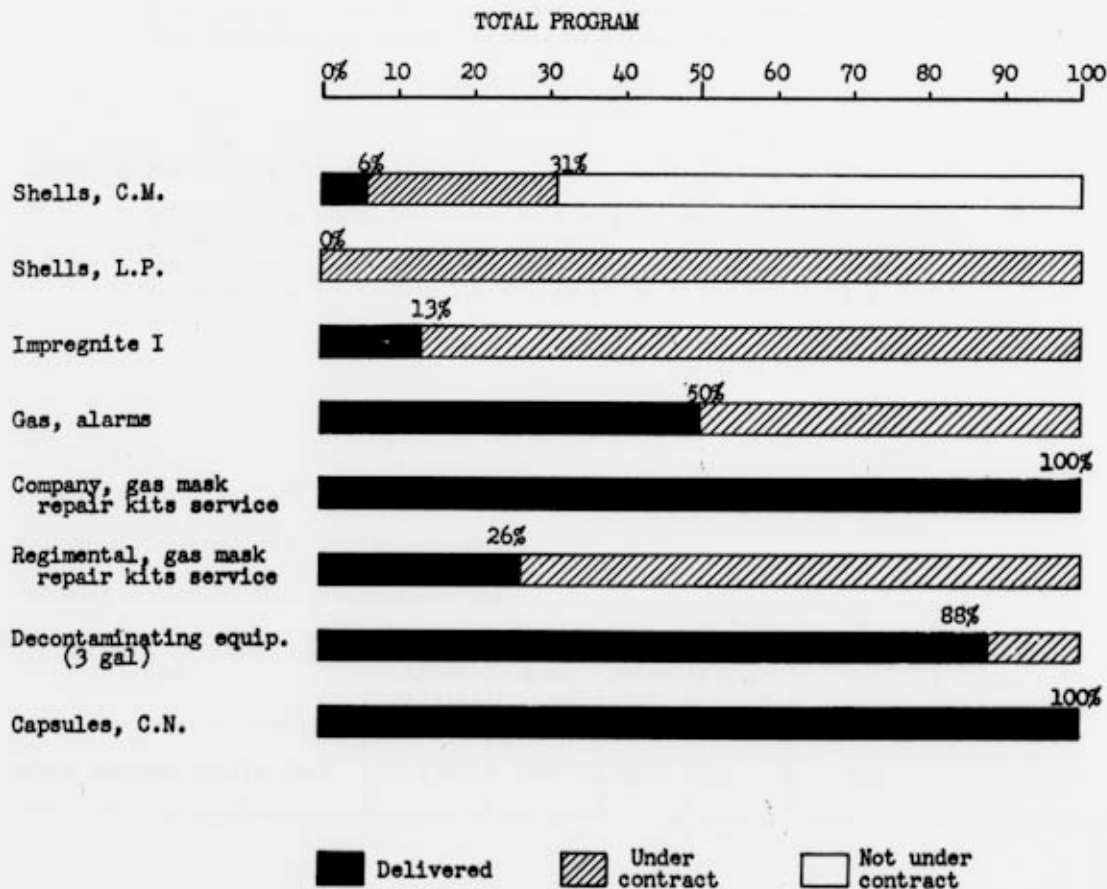
PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service



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

Source of Information: Chemical Warfare Service



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH APRIL 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 April 15, 34 were scheduled and 69 were delivered. Deliveries now are 7 more than the schedule for April 30 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 409,000 feet were delivered bringing the total to 2,124,300 feet, or 59 percent of the program.

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

Source of Information: Office, Chief of Coast Artillery

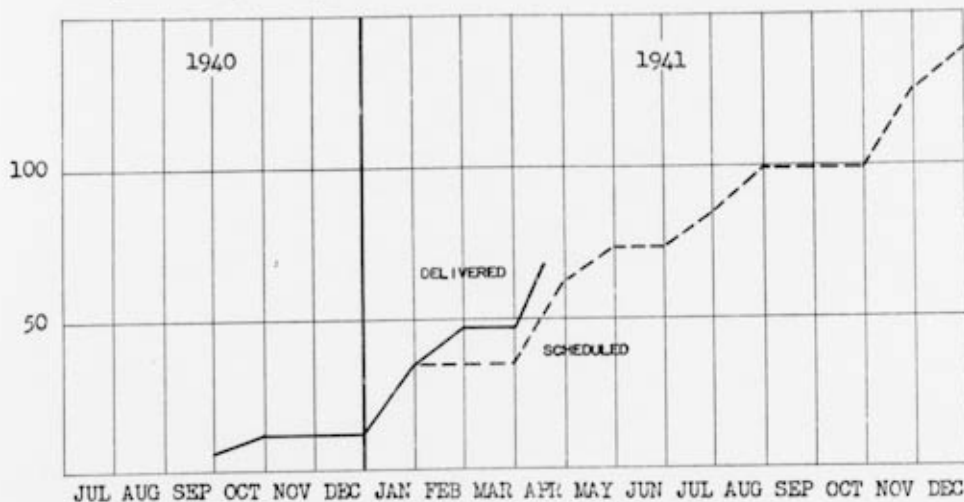
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual Apr. 15	Contracted	Delivered
Group control panels, M-3	138	138	34	69	100	50

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH APRIL 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

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War*

WEEKLY STATISTICAL REPORT

SUMMARY

No. 43

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WEEKLY STATISTICAL REPORT

NO. 43

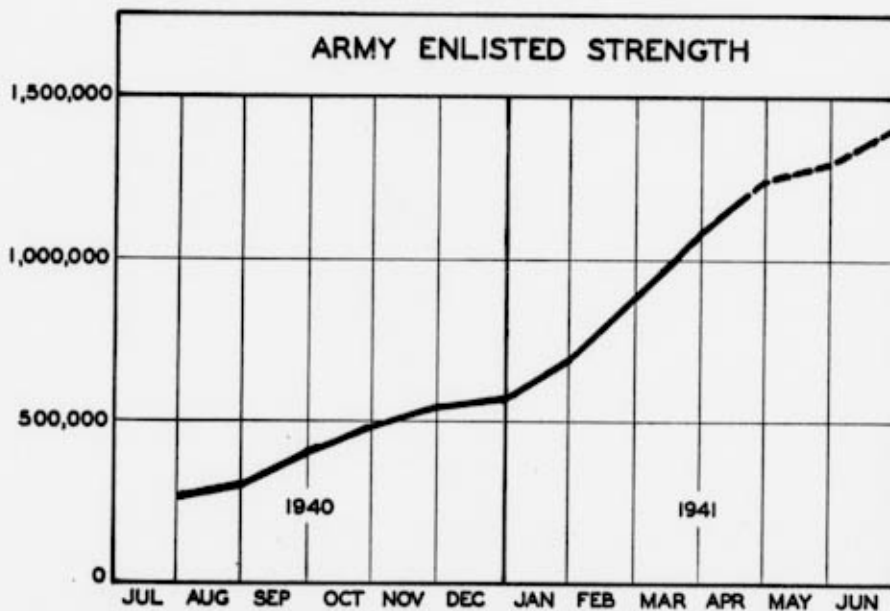
April 26, 1941

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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 strengths of the end of each month.

Source of Information: Statistics Branch, General Staff - April 18, 1941

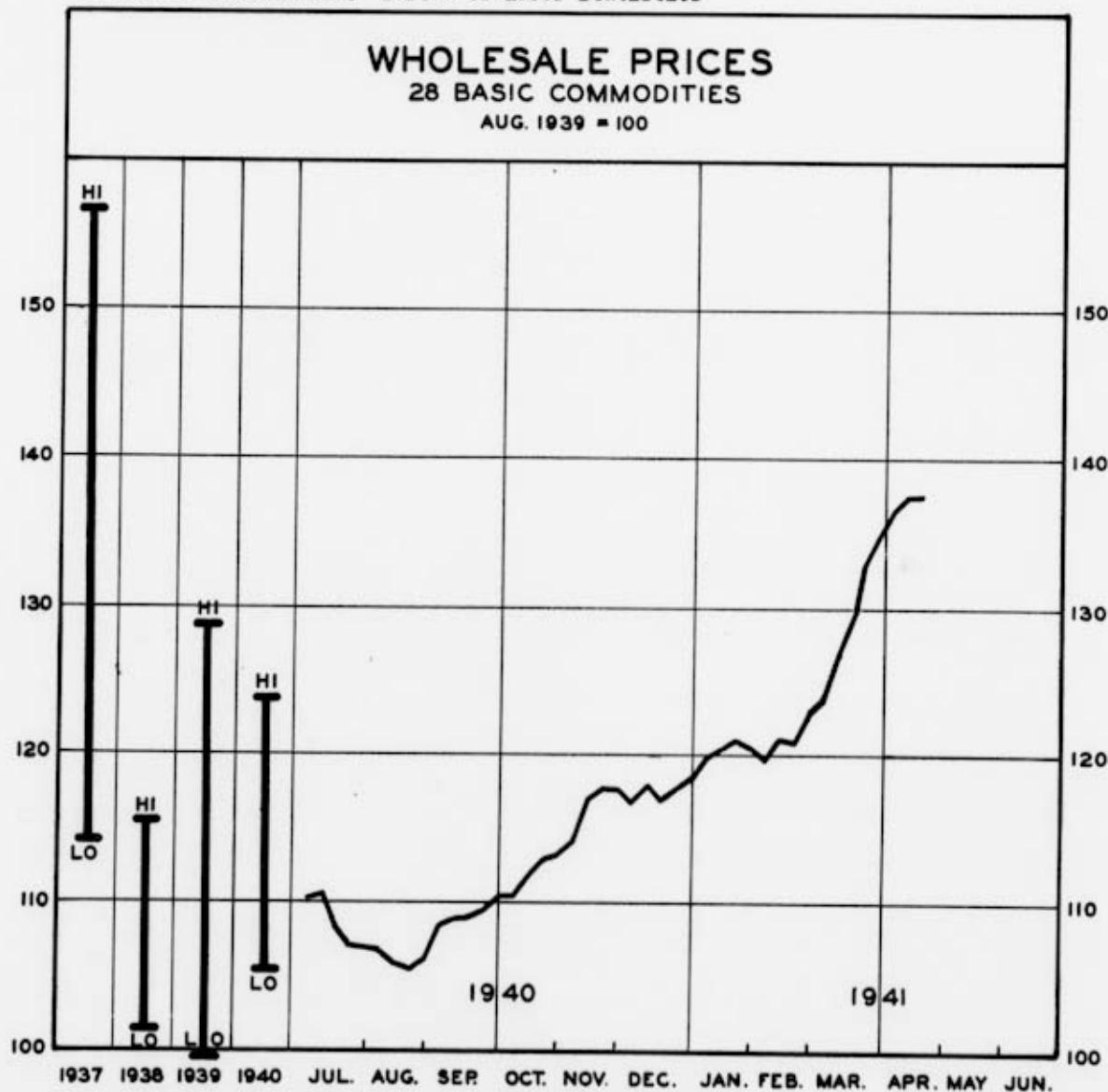


Month	Total
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan. 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,225,042
May	1,298,842
June	1,410,567

PRICES

Market prices of the 28 basic commodities continued the steady advance of the past 2½ months. The index reached a new high of 138.5 percent of the August, 1939 level and eased off to 137.7 at the close of the week. For the first time in several weeks prices of domestic agricultural commodities declined slightly. Among raw industrial commodities price increases were shown for rubber, burlap, and tin.

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. April 23, 1941

Events in the Mediterranean appear to be strengthening still further the commentators' support of the policy of aid to Britain. There have been renewed demands for speed in producing the materials for aid, and the substantial rise in criticism of defense progress which has taken place this week appears to be in large part due to the conviction that immediate aid on a large scale is absolutely essential.

Convoying has not as many proponents as aid short of convoying. Nevertheless, advocacy of convoying is considerably more forceful than it was a month ago, and the number of supporters appears to be increasing. The geographical areas which favor convoying correspond to the areas which supported H R 1776 in the early stages of the debate. They are the East Coast, the West Coast, parts of the Middle West and South, with the West and Southwest lagging behind.

Price control is regarded as a necessary part of the defense effort, but it is believed that production costs, and in particular, wages, should be given full consideration in any price fixing policy. The belief is widespread that wages have been rising too fast for the good of the economy.

No dissenting voice has been raised against higher taxes, though there has been disagreement as to the method of their application. There is general insistence that higher taxes should be accompanied by decided cuts in non-defense Government spending.

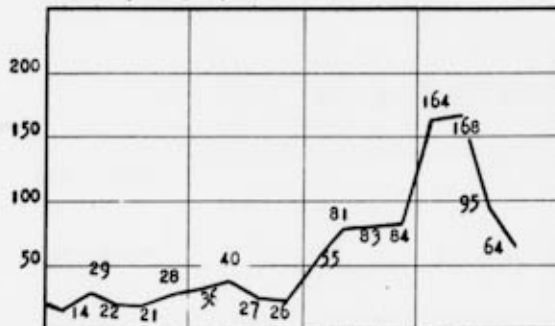
TABULAR SUMMARY

<u>AID FOR BRITAIN</u>	Tallies	GENERAL CRITICISM	HOURS, WAGES, LABOR
For conveying	8	Dept. of Labor	2 Strikes must stop
Ask Congress	5	Govt. labor policy	12 Coal strike must stop
Against conveying	1	Just. Dep. labor policy	2 Violence must stop
B's conv. methods poor	3	Govt. economic policy	7 Leadership to blame
U S N lacks convoy guns	1	Lack of price policy	2 Foreign agents to blame
Send more ships	2	Priorities policy lack	1 Communists to blame
Approval Greenld. bases	3	Aid too slow	11 Situation improving
All possible aid	15	Too much aid	5 Situation never serious
		Production too slow	10 Approval Ford peace
ECONOMICS, INFLATION		Short of training eqpt	11 Approval steel peace
Inflation threatens	4	Mechanized eqpt. lack	5 Wages rising too fast
Danger from wage rises	7	Short of tanks	3 Raises too general
Present prices good	2	Anti-aircraft gun lack	1 Unions are profiteering
For price control	7	Navy censorship poor	4 Union fees too high
For price-wage control	14	Poor organization	9 For control of unions
Against price control	1		Revise Wagner Act
Steel price too low	5	GENERAL COMMENDATION	7 For "cooling off" law
Approval of steel price	2	TREND TOWARD WAR	19 Against anti-strike law
Higher taxes	13	ORGANIZATION PROBLEMS	17 Some reforms must go
Cut Govt. spending	12	LACK OF FACTS	7 Against Vinson Bill
Treasury issues	1	MATERIAL SHORTAGES	2 For arbitration
Coal differential	2	MISCELLANEOUS	7 Skilled labor lack

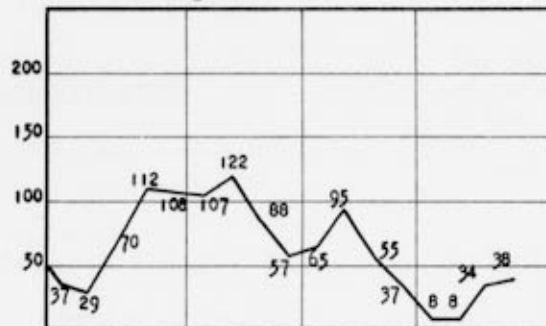
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

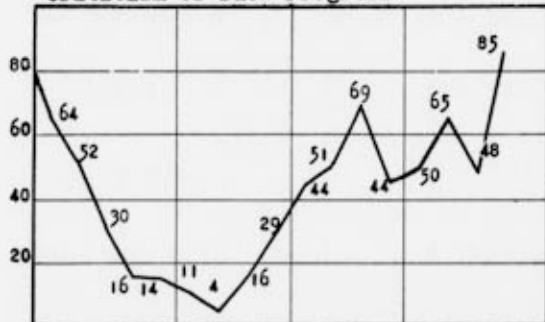
Hours, Wages, Labor Problems



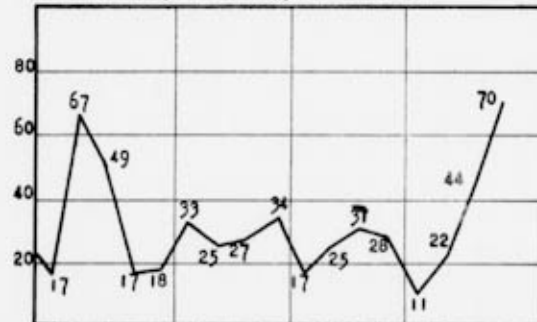
Aid for England



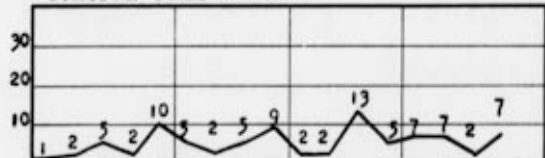
Criticism of Slow Progress



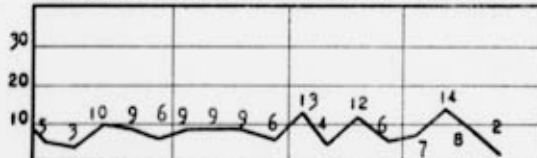
Economics, Banking, Inflation



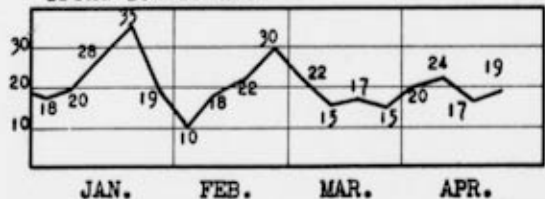
General Commendation



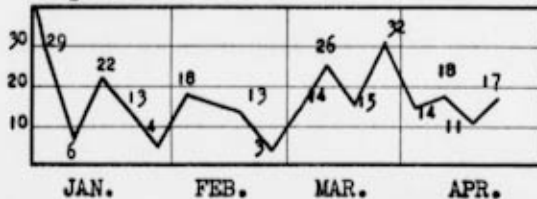
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 59.3 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, April 24, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	Percent obligated to Apr. 23
AIR CORPS	\$3,717,519,528	58.0
ORD. DEPT.	\$2,741,659,091 a/	71.8
Q.M.C.	\$2,596,342,802	49.0
FAC. FOR EXP. b/	\$1,464,286,000 c/	52.1
SIG. CORPS	\$226,382,956 a/	72.3
CORPS OF ENG.	\$ 95,198,691 a/	73.5
CHEM. WAR. SER.	\$ 50,759,146	88.0
MED. DEPT.	\$ 42,851,671	95.4
C. A. C.	\$ 1,593,889 a/	75.9
TOTAL	\$10,936,593,774	59.3

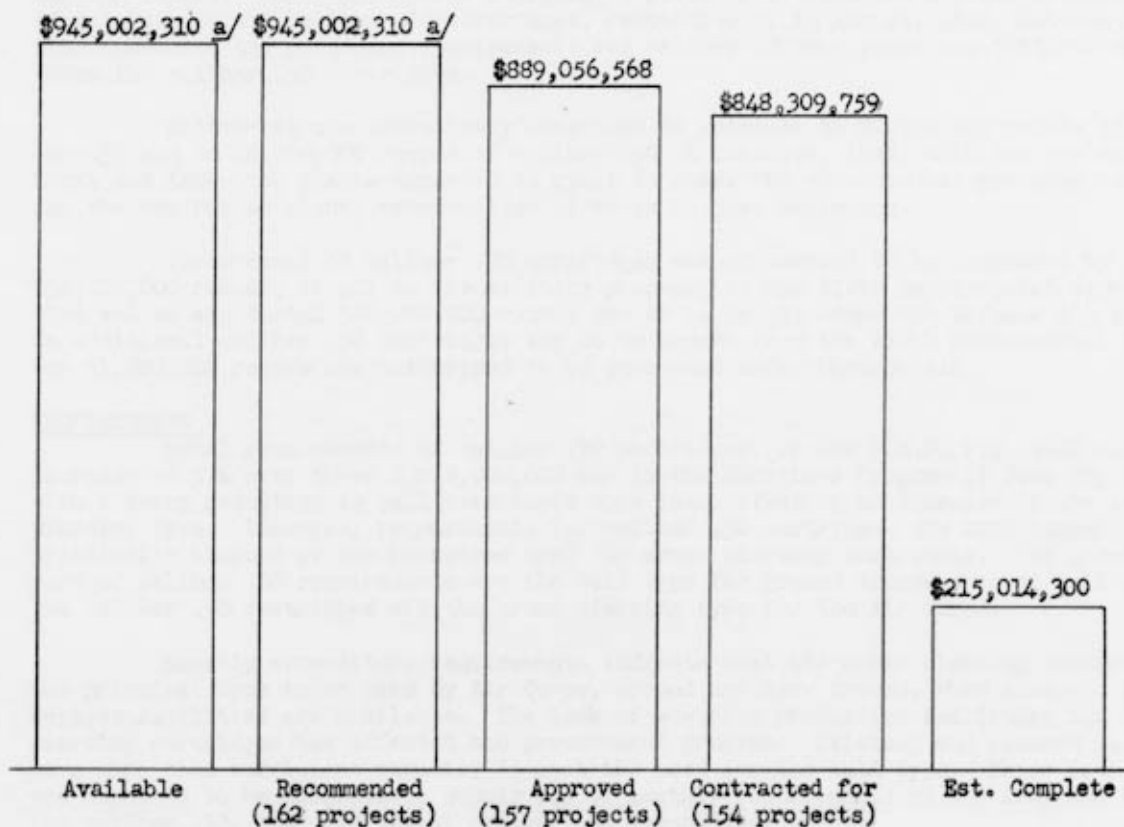
a/ NOTE: Tentative

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 -- APRIL 12, 1941

Source of Information: Construction Division Report, April 12, 1941



a/ Includes Expediting Production Appropriation of \$703,000,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$182,227,310; Chemical Warfare Service \$500,000, and Navy Department \$15,000,000; excludes Fifth Supplemental National Defense Act of \$761,286,000.

TEXT SUMMARY - ORDNANCE DEPARTMENT - APRIL 26, 1941

Source of Information: Ordnance Department; O. U. S. W.; and Bureau of Ord., Navy Dept.

SMALL ARMS AMMUNITION

Deliveries increased to 48,353,000 rounds of caliber .30 and to 4,597,000 rounds of caliber .50 in March, but were nevertheless sharply below monthly expenditure requirements of the Army Protective Mobilization Plan, Fiscal Year 1942 and the Navy maximum effort. March production represented gains of 4 times and 3 times the output of caliber .30 and caliber .50 cartridges, respectively, in August, 1940, but was less than one-tenth the projected requirements for caliber .30 and under one-fortieth of those for caliber .50 cartridges.

Deliveries are tentatively scheduled to increase to 92,800,000 rounds of caliber .30 and to 16,700,000 rounds of caliber .50 in December, 1941, with the new St. Louis and Lake City plants expected to start in June. No schedule has yet been received for the new Denver plant, construction of which is just beginning.

Procurement of caliber .30 cartridges was authorized to be increased by 654,225,000 rounds, or 34% of the existing program, by the Fifth Supplemental appropriation and an additional 300,000,000 rounds are to be bought under the Defense Aid Act. No additional caliber .50 cartridges are to be bought from the Fifth Supplemental funds but 51,800,000 rounds are authorized to be purchased under Defense Aid.

REQUIREMENTS

Total requirements of caliber .30 cartridges for the P.M.P. F.Y. 1942 show an increase of 57% over those for 2,000,000 men in the Munitions Program of June 30, 1940, with a sharp reduction in ball cartridges more than offset by an increase in the armor piercing type. Likewise, requirements for caliber .50 cartridges are 204% larger, principally because of the increased need for armor piercing cartridges. The greater part of caliber .30 requirements are the ball type for ground troops whereas half of the caliber .50 cartridges are the armor piercing type for the Air Corps.

Monthly expenditure requirements indicate that the armor piercing cartridge is the principal type to be used by Air Corps, ground and Navy troops, when adequate production facilities are available. The lack of adequate production facilities for armor piercing cartridges has affected the procurement program. Existing and planned plants have more than sufficient capacity to meet the need for the ball type. These facilities are expected to be adequate to supply 74% of monthly requirements of the Army and Navy for caliber .30, but only 32% of caliber .50 ammunition.

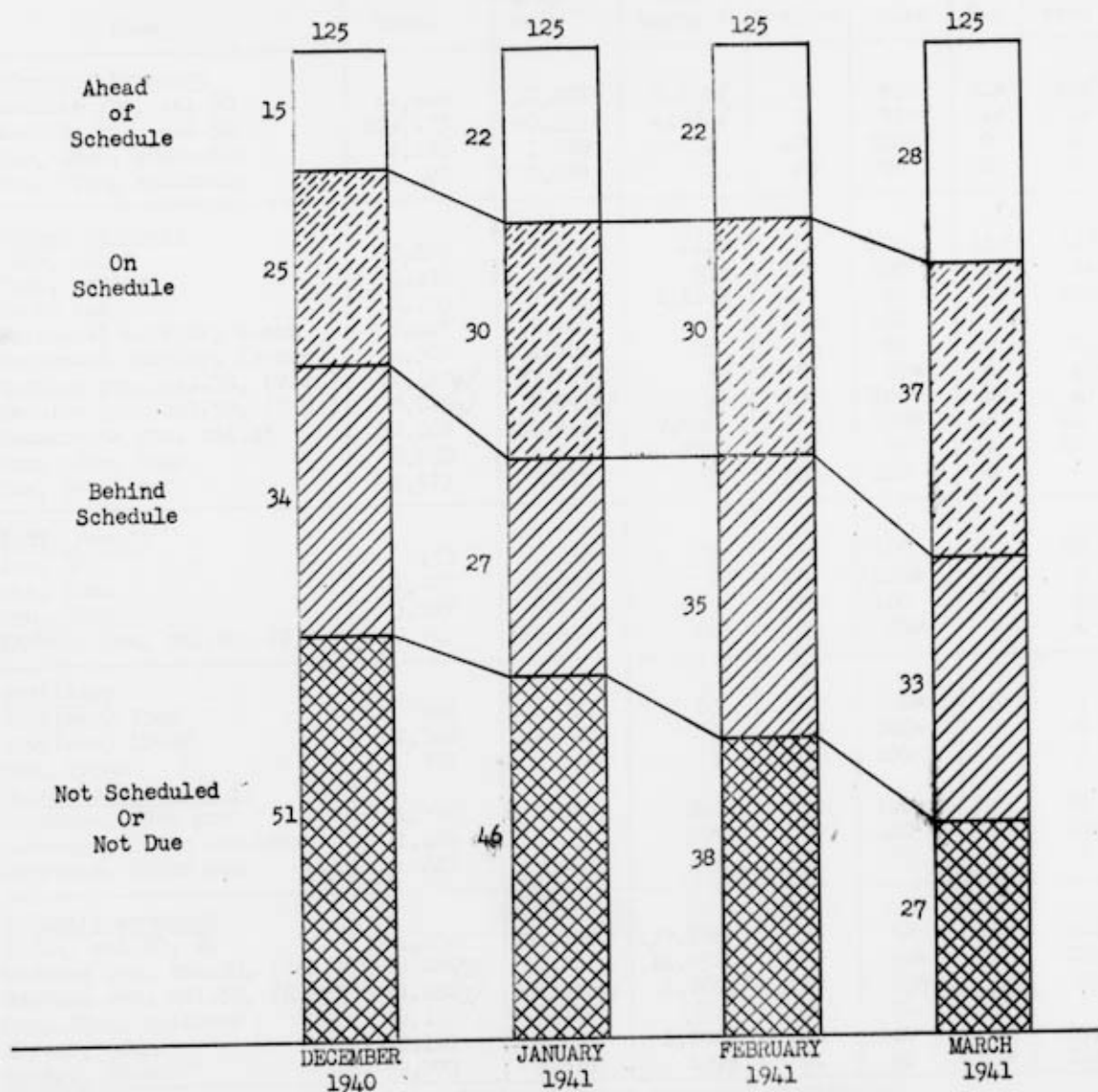
The hardened manganese molybdenum steel core of the armor piercing cartridge, which is to replace the present chrome tungsten steel core, is more difficult to produce than the lead antimony core of the ball type, and is estimated to cost from 40 to 50% more.

The limited amount of small arms ammunition available for distribution prior to November, 1941, has necessitated a one-third reduction in the training allowances for both the Army and the Navy during the 1941 calendar year.

PROGRESS OF ORDNANCE DELIVERIES - MARCH 31, 1941

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

Equipment - Critical Items



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

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

Item	Procurement Program		Delivered thru March 31	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	5,478 ^φ	67	67	11 ^φ	13 ^φ
Machine gun, cal.50	109,173	90,533	4,584 ^φ	74	74*	4 ^φ	4 ^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	442 ^φ	100	100	15 ^φ	13 ^φ
Tank, medium	2,496	2,496	33 ^φ	100	100	3 ^φ	1 ^φ
Scout car	2,733	2,701	2,244 ^φ	100	99	75 ^φ	82 ^φ
Personnel carrier, 8-man	5,445	5,445	0	100	100	-	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	32,062	31,994	7,846 ^φ	100	100*	18	24
Gun, 37mm, tank	6,040	6,002	659	99	99	11	11
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	275	100	100	8	9
Machine gun, cal.50, (W.C.)	10,945	10,333	96	31	31*	1	1
<u>Artillery</u>							
Howitzer, 75mm	958	892	65	100	100*	6	7
Howitzer, 105mm	2,728	2,728	0	100	100*	0	0
Gun, 155mm	392	392	4	100	100	2	1
<u>Modernization - H.S.</u>							
Carriage, 75mm gun	1,330	1,330	384	100	100*	27	29
Carriage, 155mm howitzer	1,436	1,436	585 ^φ	100	100	34 ^φ	41 ^φ
Carriage, 155mm gun	847	847	62	77	77	7	7
<u>Infantry Armament</u>							
Rifle, cal.30, M1	864,260	864,160	137,986 ^φ	52	52	16 ^φ	16 ^φ
Machine gun, cal.30, (Var.)	68,464 ^{b/}	68,086 ^{b/}	14,932 ^{b/}	99	99*	22 ^{b/}	22 ^{b/}
Machine gun, cal.50, (H.B.)	22,856 ^{b/}	22,644 ^{b/}	1,085 ^{b/}	53	53*	5 ^{b/}	5 ^{b/}
Gun, 37mm, antitank	6,153	6,108	380	76	76	6	6
Mortar, 60mm	10,162	9,956	1,898 ^φ	100	100	18 ^φ	19 ^φ
Mortar, 81mm	3,773	3,613	609 ^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 15.

* Partly tentative.

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

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

Item	Procurement program		Delivered thru March 31	Percent of total program			
	Total	Army only		Con- tracted	Sched- uled	Due	Deliv- ered
	THOUSANDS	THOUSANDS	THOUSANDS				
Aircraft & Pyrotechnics							
Bomb, frag., 20#	1,719	1,719	0	100	100	0	0
Bomb, demo., 100#, 300#, 500#	1,529	1,529	18	44	44	1	1
Bomb, demo., 1000#	15	15	2	73	73	13	13
Bomb, g & s, 30#, 100#	348	348	3	21	21	1	1
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	104	29	29	12	12
Signals	2,057	2,057	299	27	27	15	15
Antiaircraft							
Shell, 37mm, H.E.	11,786	11,786	0	20	20	0	0
Shell, 3", H.E.	2,211	2,211	69	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	0	86	86	0	0
Shell, g & s, 75mm gun	1,104	1,104	2	92	92	-	-
Shell, 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	0	52	52	0	0
Shell, g & s, 155mm how.	1,235	1,235	173	39	39	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)	9,924	9,924	2,839	99	99	29	29
Infantry							
Cartridge, cal.30	2,551,692	2,447,677	260,582	74	74*	10	10
Links, met. belt, cal.30	943,322	918,112	68,468	38	38	7	7
Cartridge, cal.45	307,306	286,644	49,071	100	100	18	17
Cartridge, cal.50	668,568	618,142	33,913	100	100*	6	5
Links, met. belt, cal.50	2,086,452	2,052,334	27,208	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	28	11	11	1	1
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	106	51	51	3	3
Mine, antitank	2,050	2,050	0	2	2	0	0

* Partly tentative.

⌘ Delivered thru April 15.

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

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

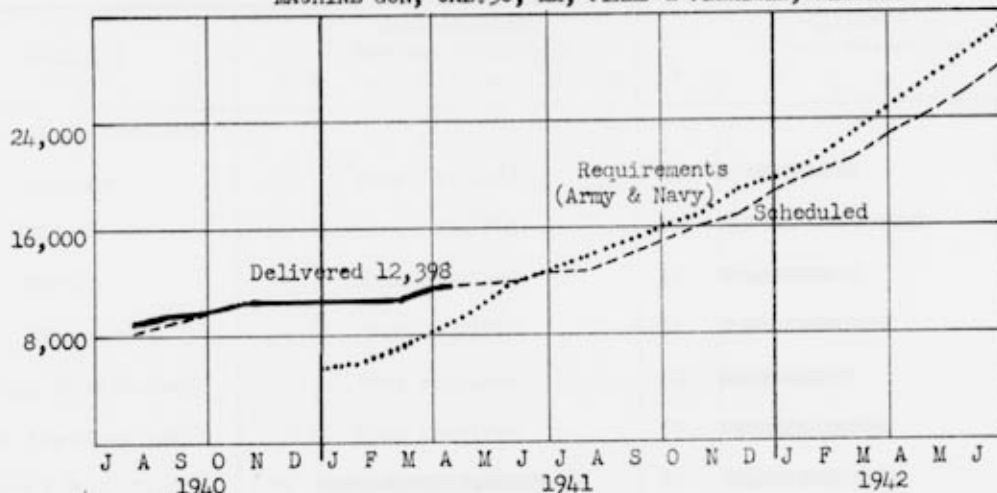
Item	Requirements	Stocks	Percent of requirements						
	P.M.P. F.Y. 1942 Number	in hands of Field Service Number	%	0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	49,638	8,472	17						
Machine gun, cal.50,fix.&fl.	114,997	4,031	4						
Gun, 20mm, automatic A.C.	2,775	0	0						
Gun, 37mm, automatic A.C.	3,976	45	1						
<u>Combat Vehicles</u>									
Tank, light	3,789	489	13						
Tank, medium	1,728	47	3						
Scout car	2,681	2,263	84						
Personnel carrier, 8-man	5,524	0	0						
Personnel carrier, 13-man	5,521	0	0						
Machine gun, cal.30 (Var.)	50,322a/	a/	-						
Machine gun, cal.50 (H.B.)	9,161	329	4						
Submachine gun, cal.45	30,906	4,245	14						
Gun, 37mm, tank	5,563	431	8						
Gun, 75mm, tank	1,428	0	0						
<u>Antiaircraft</u>									
Gun, 3"	1,344	476	35						
Gun, 90mm	(0)	0	0						
Gun, 37mm, A.A.	3,083	269	9						
Machine gun, cal.50 (W.C.)	11,066	829	7						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,289	555	43						
Howitzer, 75mm, field & pack	228	161	71						
Howitzer, 105mm	2,520	0	0						
Gun, 155mm	564	4	1						
Gun, 155mm (H.S.)	903	144	16						
Howitzer, 155mm (H.S.)	1,628	1,038	64						
<u>Unmodified & other models</u>									
Gun, 75mm	---	3,047	-						
Gun, 155mm	---	825	-						
Howitzer, 155mm	---	1,061	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	987,146	154,316	16						
Machine gun, cal.30 (Var.)	79,246	14,373	18						
Machine gun, cal.50 (H.B.)	14,654	1,603	11						
Gun, 37mm, antitank	6,335	602	10						
Mortar, 60mm	6,427	1,502	23						
Mortar, 81mm	3,754	701	19						

a/ Included in Infantry Armament.

AIRCRAFT ARMAMENT - DELIVERY SCHEDULES - ORDNANCE DEPARTMENT - APRIL 1, 1941

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

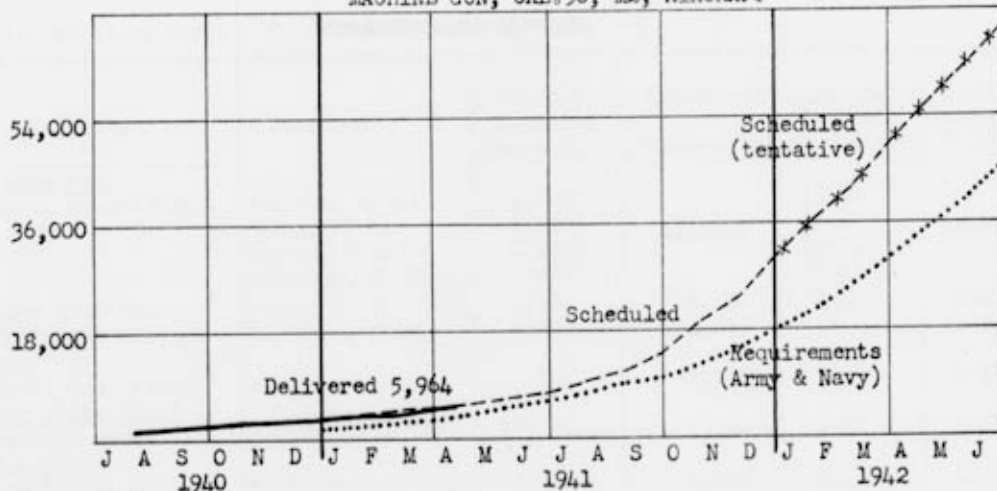
MACHINE GUN, CAL.30, M2, FIXED & FLEXIBLE, AIRCRAFT



CUM. (THOUSANDS)

DEL.	SCH.	REQ.
9	10	10
10	11	11
11	11	11
11	11	11
11	11	11
11	11	11
11	11	11
12	12	12
12	12	12
12	12	12
12	12	12
13	13	13
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
17	17	17
19	19	19
20	20	20
21	21	21
23	23	23
24	24	24
26	26	26
28	28	28
31	31	31

MACHINE GUN, CAL.50, M2, AIRCRAFT



CUM. (THOUSANDS)

DEL.	SCH.	REQ.
2	2	2
2	2	2
4	4	4
4	4	4
4	4	4
5	5	5
5	5	5
5	5	5
6	6	6
7	7	7
7	7	7
8	8	8
10	10	10
12	12	12
14	14	14
19	19	19
24	24	24
30	30	30
36	36	36
42	42	42
49	49	49
56	56	56
62	62	62
68	68	68
75	75	75
80	80	80
85	85	85
90	90	90
95	95	95
100	100	100

NEW FACILITIES - PROGRESS AS OF APRIL 15, 1941

Source of Information: Ordnance Department & Production Branch, O. U. S. W.

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp.														
Saginaw	-							46						
Flint	-							69						
Dayton	-							47						
Syracuse	-							55						
Savage Arms Company	-							43						
Colt (Machine Gun)	-							57						
Detroit Ord. Plant	89							60						
Disston & Sons	100							60						
Mesta Machine Co.	-							55						
Colt (37mm Gun)	-							45						
Bendix Aviation Corp.	90							-						

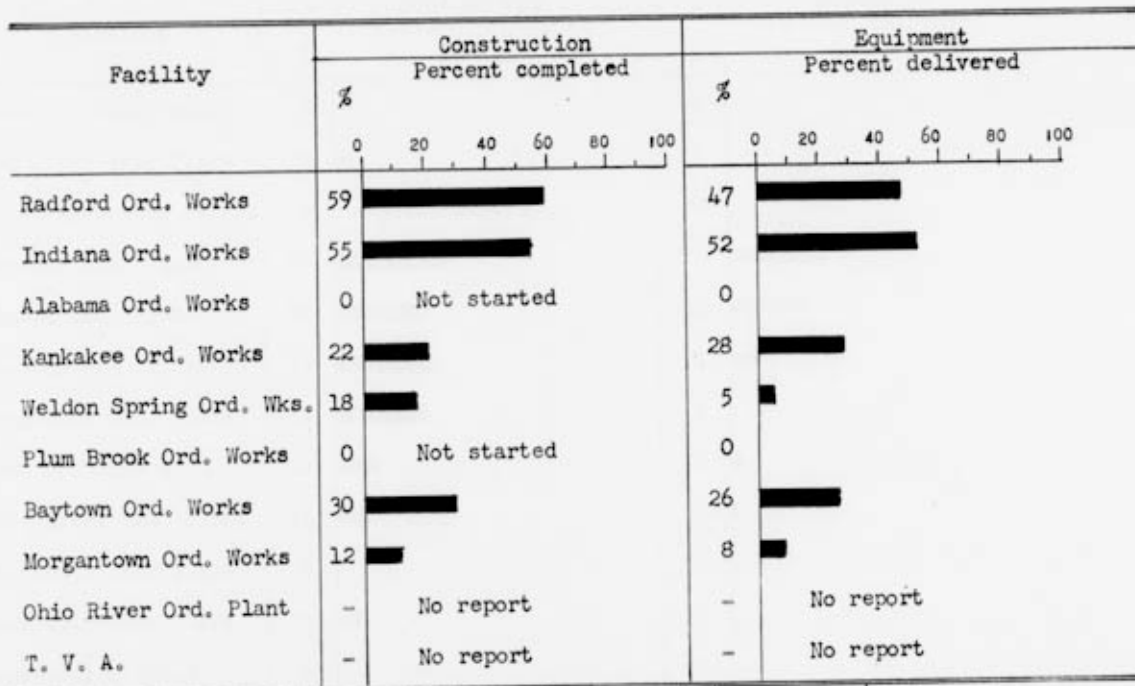
Facility	Location	Planned Capacity (Monthly)	Estimated Cost (thousands)	Estimated Month	
				Initial Production	Completion of Plant
<u>Machine Gun</u>					
General Motors Corp.	Saginaw, Mich.	1,680)		(4-41	*
	Flint, Mich.	2,100)	\$20,251	(6-41	12-41 *
	Dayton, Ohio	2,100)		(6-41	*
	Syracuse, N. Y.	840)		(8-41	*
Savage Arms Co.	Utica, N. Y.	3,200	16,717	7-41	9-41 *
Colt Patent F.A. Co.	Hartford, Conn.	3,800	4,818	-	1-42 *
<u>Tank</u>					
Detroit Ord. Plant	Detroit, Mich.	100	18,131	7-41	9-41
<u>Armor Plate Plant</u>					
Disston & Sons	Philadelphia, Pa.	483 Tons	1,192	4-41	4-41
<u>155mm Gun</u>					
Mesta Machine Co.	W. Homestead, Pa.	44/Mo.	1,780	5-41	5-41*
<u>37mm Gun</u>					
Colt Patent F.A. Co.	Hartford, Conn.	200	4,565	-	3-42 *
<u>20mm Gun</u>					
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	5-41	3-41

* Plant equipment only.

Ordnance

NEW FACILITIES - PROGRESS AS OF APRIL 15, 1941

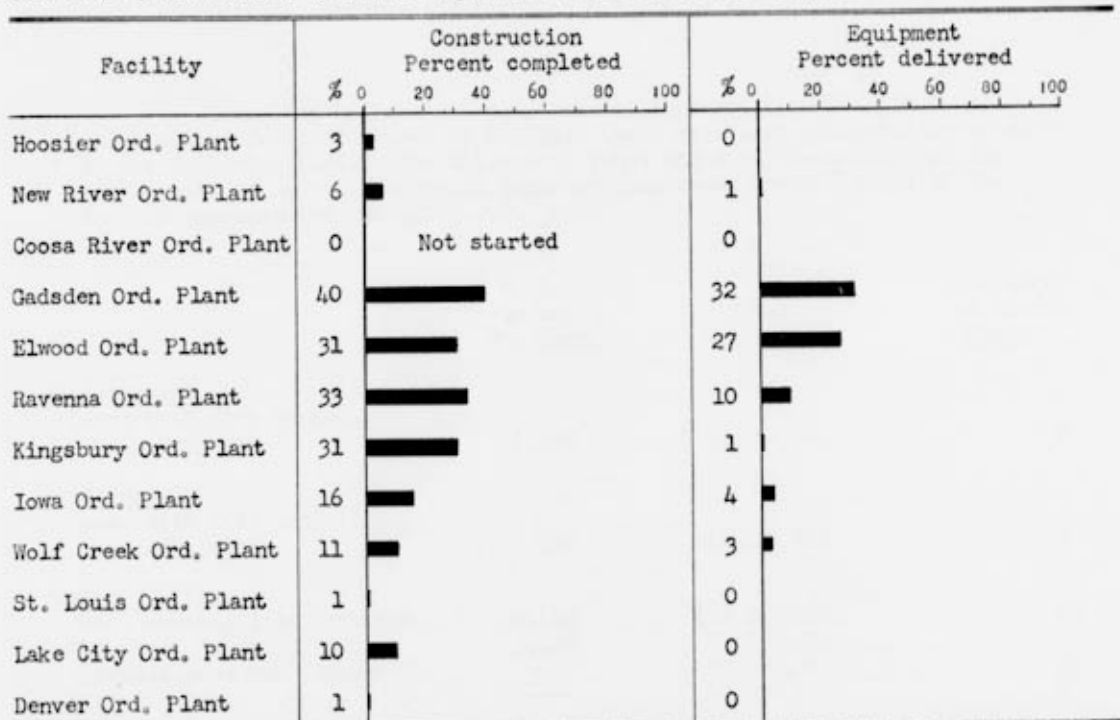
Source of Information: Ordnance Department & Production Branch, O.U.S.W.



Facility	Location	Planned Capacity Monthly-Tons (thousands)	Estimated Cost (thousands)	Estimated Month	
				Initial Production	Completion of Plant
<u>Smokeless Powder</u>					
Radford Ord. Works	Radford, Va.	3.8 tons	\$44,100	3-41	9-41
Indiana Ord. Works	Charlestown, Ind.	7.8 tons	91,198	5-41	1-42
Alabama Ord. Works	Childersburg, Ala.	3.8 tons	49,453	5-42	7-42
<u>T.N.T. & D.N.T.</u>					
Kankakee Ord. Works	Wilmington, Ill.	7.7 tons	43,161	5-41	12-41
Weldon Spring Ord. Wks	Weldon Spring, Mo.	3.3 tons	19,488	10-41	9-41
Plum Brook Ord. Works	Sandusky, Ohio	3.1 tons	11,831	11-41	2-42
<u>Toluol</u>					
Baytown Ord. Works	Baytown, Texas	2,446 gals.	11,987	-	8-41
<u>Ammonia</u>					
Morgantown Ord. Works	Morgantown, W. Va.	8.1 tons	16,811	9-41	12-41
Ohio River Ord. Plant	W. Henderson, Ky.	4.5 tons	13,609	-	8-42
T. V. A.	Muscle Shoals, Ala.	4.5 tons	---	-	2-42
<u>Ammonium Nitrate</u>					
T.V.A.	Muscle Shoals, Ala.	9.0 tons	6,500	-	2-42

NEW FACILITIES - PROGRESS AS OF APRIL 15, 1941

Source of Information: Ordnance Department & Production Branch, O. U. S. W.



Facility	Location	Planned Capacity Monthly (thousands)	Estimated Cost (thousands)	Estimated Month	
				Initial Production	Completion of Plant
<u>Bag Loading</u>					
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$20,380	-	10-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,928	-	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	9-41	12-41
<u>Shell Loading</u>					
Elwood Ord. Plant	Wilmington, Ill.	3 Lines	24,390	7-41	9-41
Ravenna Ord. Plant	Ravenna, Ohio	3 Lines	32,123	7-41	1-42
Kingsbury Ord. Plant	LaPorte, Ind.	5 Lines	24,067	7-41	11-41
Iowa Ord. Plant	Middletown, Ia.	3 Lines	29,354	7-41	11-41
Wolf Creek Ord. Plant	Milan, Tenn.	4 Lines	19,861	-	12-41
<u>Small Arms Ammunition</u>					
St. Louis Ord. Plant	St. Louis, Mo.	80,000 Rds.	30,421	6-41	3-42
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	21,297	6-41	2-42
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	27,952	8-41	4-42

DEFENSE AID - ORDNANCE SUMMARY - APRIL 22, 1941

Source of Information: Defense Aid Division & Purchase & Contract Branch, O. U. S. W.

Under the Defense Aid Supplemental Appropriation Act, 1941, authorizations for procurement of Ordnance items have been allocated as shown in the following table. The balance of funds which may be authorized for procurement of ordnance supplies (appropriated under items 1 and 3 of the law) is approximately \$450,000,000.

	<u>Number to be Procured</u>	<u>Total Allotment</u>	<u>Letters of Intent Issued</u>
<u>Antiaircraft</u>			
Guns; with fire control equipment	1,568	\$ 60,500,000	0
<u>Artillery</u>			
Guns; with fire control equipment	758	25,427,911	0
<u>Combat Vehicles</u>			
Tank, medium, less armament	2,100	138,810,000	0
Universal Carriers	3,400	80,767,000	0
Miscellaneous Tank Items	---	20,000,000	0
Spot Purchases	---	10,000,000	0
<u>Small Arms & Infantry Arms</u>			
Machine guns (106,000 for aircraft)	118,000	102,404,000	\$39,155,908
Submachine Guns	400,000	60,000,000	17,548,000
Gun, 20mm A.C.	40,000	72,000,000	12,975,000
Other Items	---	11,420,000	0
<u>Ammunition</u>			
Bombs and Flares	731,000	52,330,000	721,000
Small Arms (1,000's)	628,970	33,990,512	11,912,000
Artillery & Antiaircraft	39,465,000	138,937,690	0
Explosives & Charges	---	3,547,000	0
<u>Ordnance Spot Purchases</u>	---	60,000,000	24,031,204
<u>Total</u>		870,134,113	106,343,112

TEXT SUMMARY - AIR CORPS PROCUREMENT - APRIL 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Boeing, which has delivered four B-17D heavy bombers during the first two quarters of April, expects to deliver seventeen more units and complete its order of forty-two planes of this type by the end of the month. Material shortages of this company are greatly reduced and it anticipates no further difficulty in starting production on its order for five hundred and twelve B-17E's. Consolidated's XB-24 heavy bomber, which is overdue, will be accepted in the near future. Production of Consolidated's nine B-24A's, however, has been slowed up on account of lack of contractor furnished parts, principally vacuum pumps. About 30% of B-24A final installations have been completed and, when finished, the planes are to be diverted to the British. Engineering releases are progressing favorably for other Consolidated heavy bomber orders.

North American's production of medium bombers has been hampered by inclement weather and motor trouble. Acceptance of Martin's B-26 model has been retarded because of failure of the nose strut down lock indicating pin. One-third of the propellers installed on B-26's have been damaged and, in several cases, ruined by failure of this pin. A new pin is being quickly developed for installation in all other units.

Douglas continues to experience fuel system difficulties with its A-20 light bombers, but it has made favorable deliveries of its A-20A model with nineteen units being accepted during the first two quarters of April.

Only one pursuit fighter has been accepted so far this month, thereby giving little hope of overcoming the deficiencies of seventy-six units which existed for this type as of April 1, 1941. Organizational difficulties of the Lockheed Company continue to be the principal retarding factor in this situation, although, once these are ironed out, the slow production of Allison engines would quickly become the limiting factor. To date the situation stands thus: five pursuit fighters produced by Lockheed as against engines for ten units being produced by Allison.

Curtiss has delivered eighty-eight pursuit interceptors so far this month, but Bell and Republic continue to lag badly behind. Bell's difficulty is shortage of Allison engines for fifty units already completed or in final assembly. Republic reports shortage of contractor furnished hydraulic equipment as its current bottleneck.

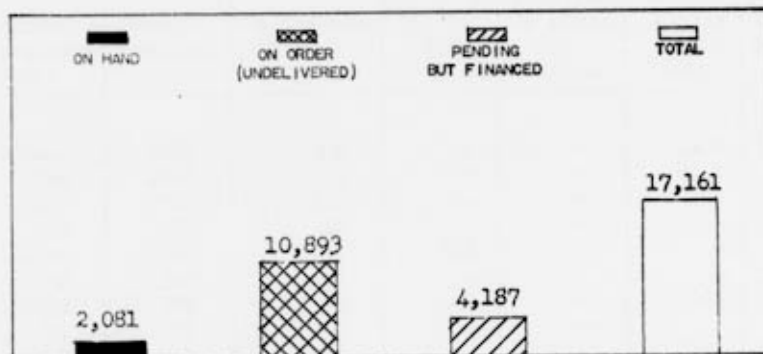
Vultee, the principal delinquent of observation types, appears bogged down by organizational difficulties in its new Nashville plant.

Although some contractors are behind in trainer deliveries, in general the trainer situation is satisfactory because many contractors are well ahead of schedule.

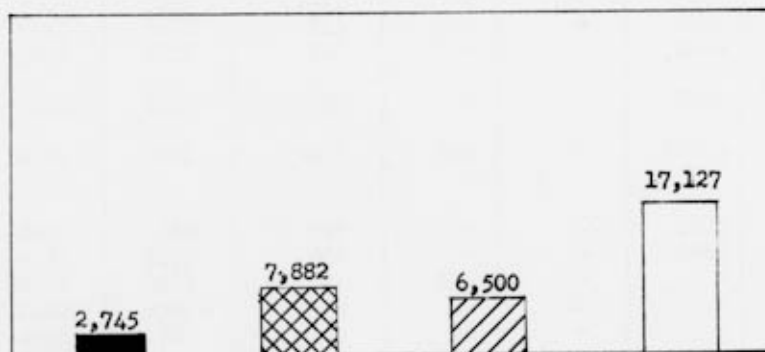
STATUS OF PROJECT AIRPLANE PROGRAMS - MARCH 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

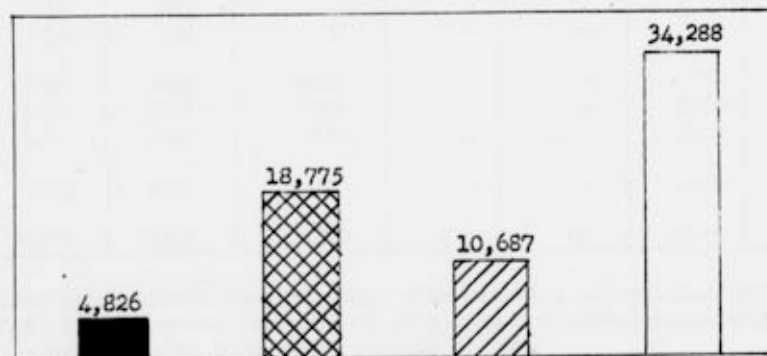
Tactical
Program



Trainer
Program



Total
Program



Note: On hand figures include deliveries against current contracts.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - APRIL 15, 1941

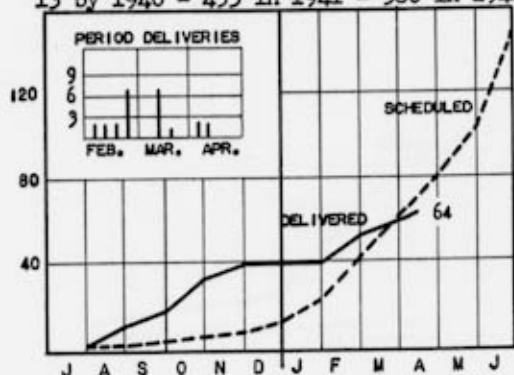
Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Deliveries through 4/15/41	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	64	-	-	1200	800
Medium bomber	4616	2216	74	-	-	2400	1200
Light bomber	1390	1390	110	-	-	-	1000
Pursuit fighter	709	709	14	-	-	-	1150
Pursuit interceptor	4394	4082	552	312	-	-	4850
Observation	1308	1308	22	-	-	-	-
Transport	1065	790	23	-	-	275	240
Amphibian	74	74	0	-	-	-	-
Reconnaissance	17	17	14	-	-	-	-
Primary trainer	5040	3540	1211	-	-	1500	900
Basic trainer	5051	3051	713	-	-	2000	900
Advance trainer	3297	2297	328	-	-	1000	360
1 engine							
Advance trainer	3082	1082	20	-	-	2000	600
2 engine							
Grand Total	32289	21602	3145	312	-	10375	12000
<u>Engines</u>							
Heavy bomber	8988	4188	728	-	-	4800	3200
Medium bomber	9232	4432	380	-	-	4800	2400
Light bomber	2592	2492	384	100	-	-	2000
Pursuit fighter	1420	1394	42	-	26	-	2300
Pursuit interceptor	4394	4340	655	54	-	-	4850
Observation	2083	1901	349	182	-	-	-
Transport	2130	1560	60	-	20	550	480
Amphibian	148	148	0	-	-	-	-
Reconnaissance	34	34	34	-	-	-	-
Primary trainer	5040	3540	1606	-	-	1500	900
Basic trainer	5051	3051	926	-	-	2000	900
Advance trainer	3297	2297	613	-	-	1000	360
1 engine							
Advance trainer	6164	2164	393	-	-	4000	1200
2 engine							
Grand Total	50573	31541	6170	336	46	18650	13590

- (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.

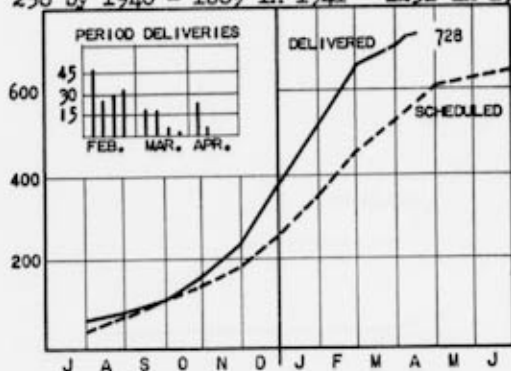
AIRPLANES

1046 HEAVY BOMBERS
13 by 1940 - 453 in 1941 - 580 in 1942

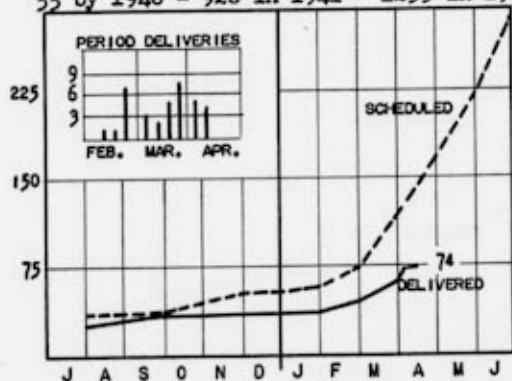


ENGINES

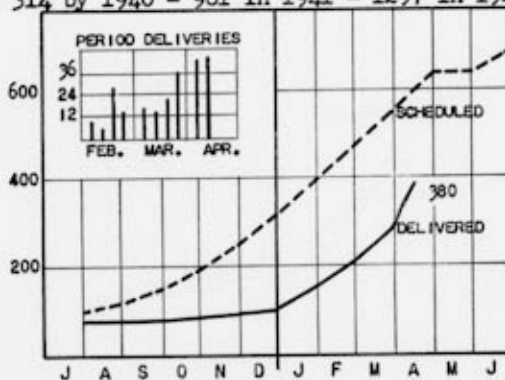
4188 HEAVY BOMBERS
256 by 1940 - 1069 in 1941 - 1231 in 1942



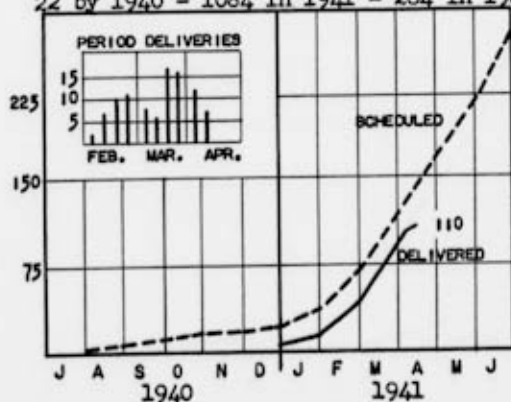
2216 MEDIUM BOMBERS
55 by 1940 - 926 in 1941 - 1235 in 1942



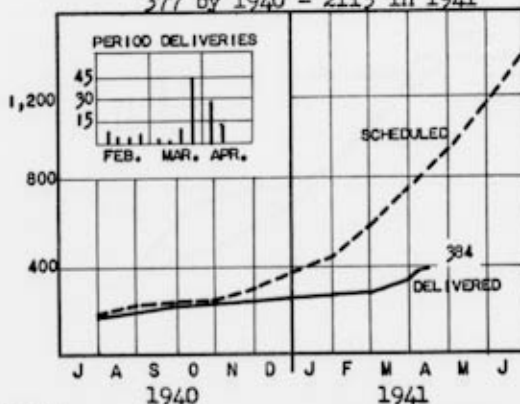
4432 MEDIUM BOMBERS
314 by 1940 - 961 in 1941 - 1297 in 1942



1390 LIGHT BOMBERS
22 by 1940 - 1084 in 1941 - 284 in 1942



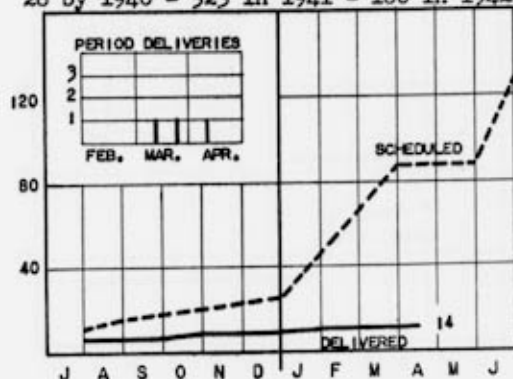
2492 LIGHT BOMBERS
377 by 1940 - 2115 in 1941



AIRPLANES

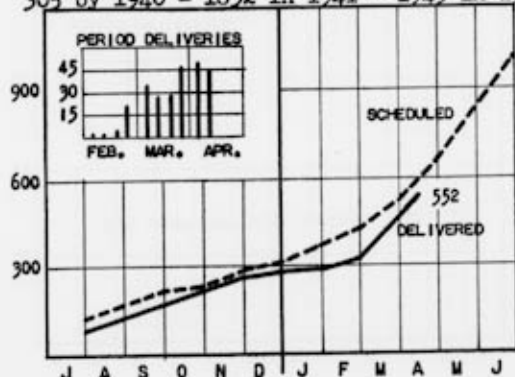
709 PURSUIT FIGHTER

26 by 1940 - 523 in 1941 - 160 in 1942



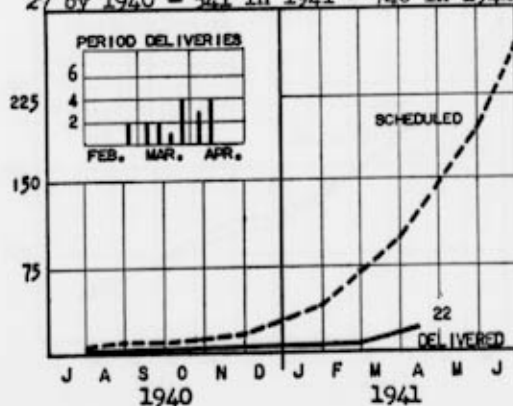
4082 PURSUIT INTERCEPTOR

305 by 1940 - 1832 in 1941 - 1945 in 1942



1308 OBSERVATION

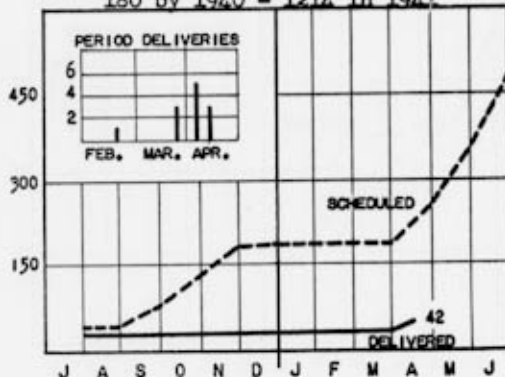
27 by 1940 - 541 in 1941 - 740 in 1942



ENGINES

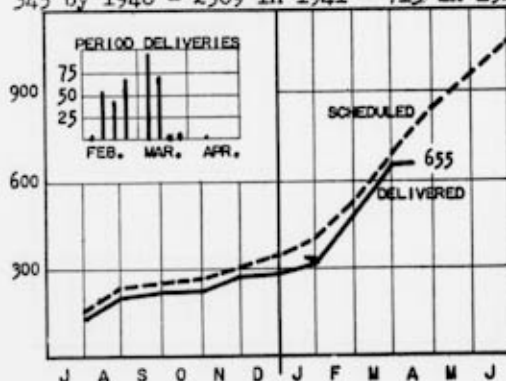
1394 PURSUIT FIGHTER

180 by 1940 - 1214 in 1941



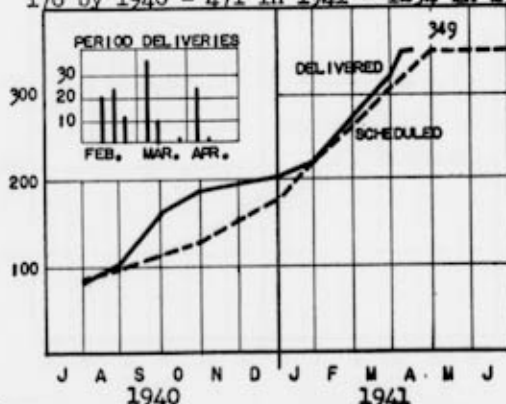
4340 PURSUIT INTERCEPTOR

345 by 1940 - 2509 in 1941 - 713 in 1942



1901 OBSERVATION

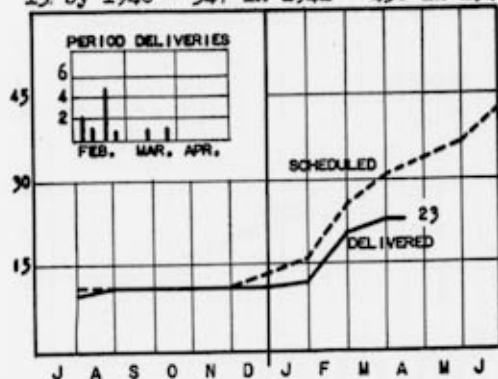
176 by 1940 - 471 in 1941 - 1254 in 1942



AIRPLANES

790 TRANSPORT

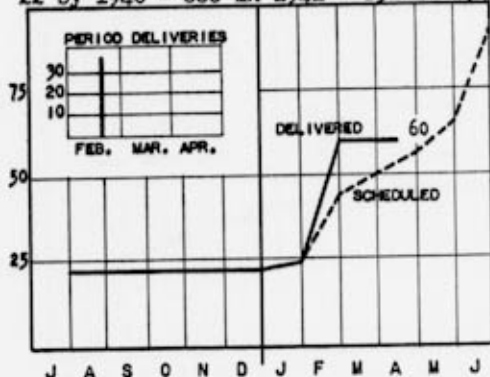
13 by 1940 - 347 in 1941 - 430 in 1942



ENGINES

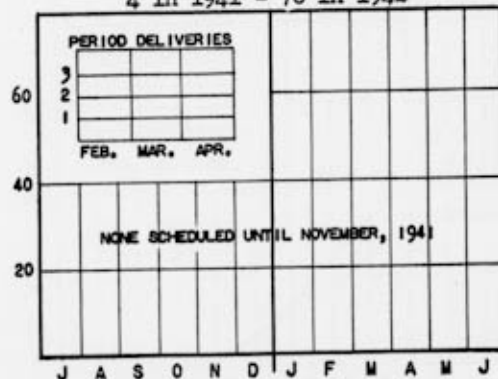
1560 TRANSPORT

22 by 1940 - 686 in 1941 - 852 in 1942



74 AMPHIBIAN

4 in 1941 - 70 in 1942



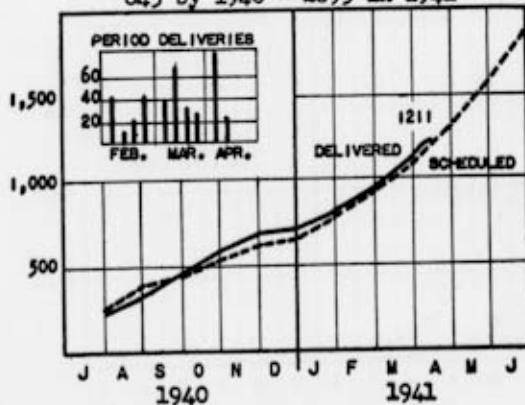
148 AMPHIBIAN

No Schedule Available



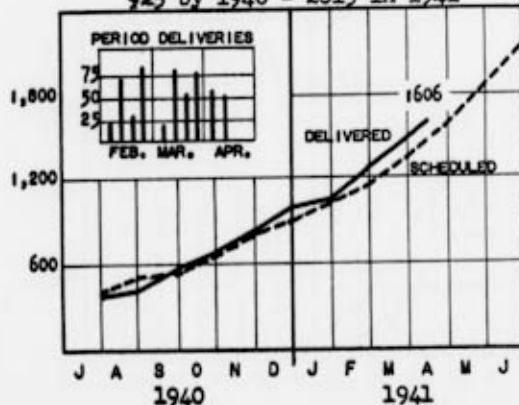
3540 PRIMARY TRAINER

645 by 1940 - 2895 in 1941



3540 PRIMARY TRAINER

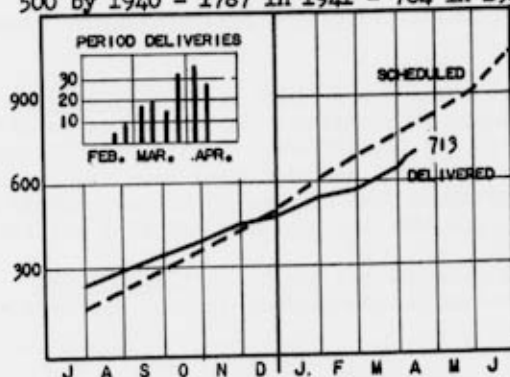
925 by 1940 - 2615 in 1941



AIRPLANES

3051 BASIC TRAINER

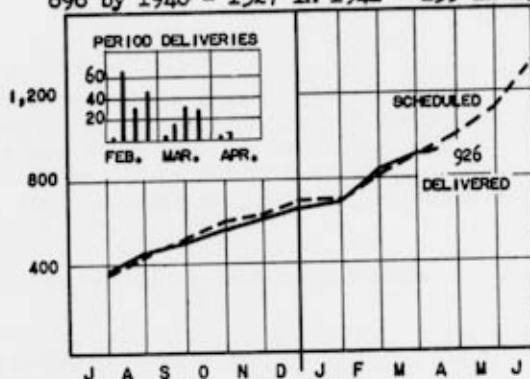
500 by 1940 - 1787 in 1941 - 764 in 1942



ENGINES

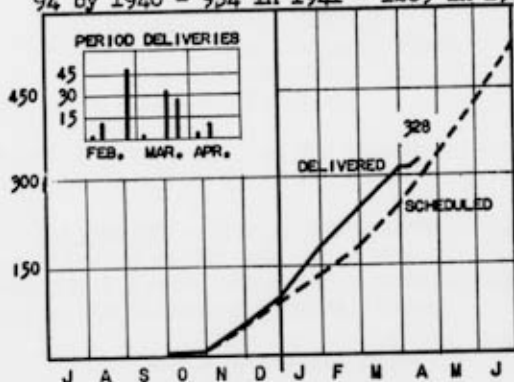
3051 BASIC TRAINER

696 by 1940 - 1327 in 1941 - 135 in 1942



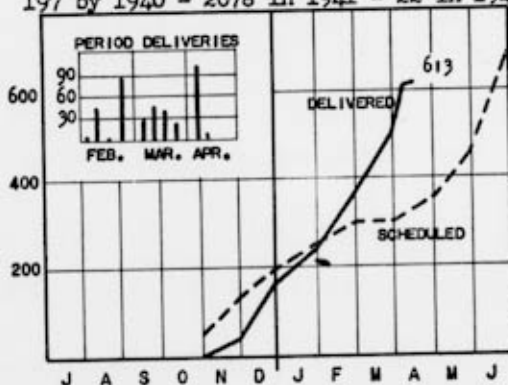
2297 ADVANCE TRAINER, 1 ENGINE

94 by 1940 - 934 in 1941 - 1269 in 1942



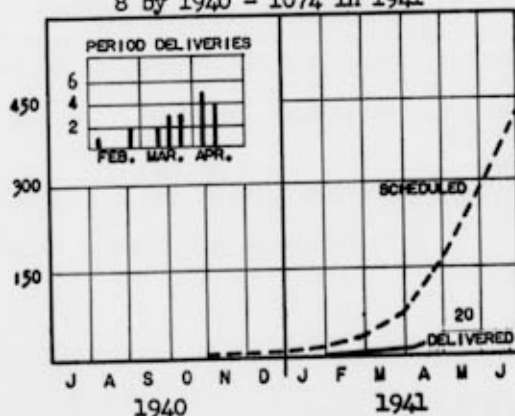
2297 ADVANCE TRAINER, 1 ENGINE

197 by 1940 - 2078 in 1941 - 22 in 1942



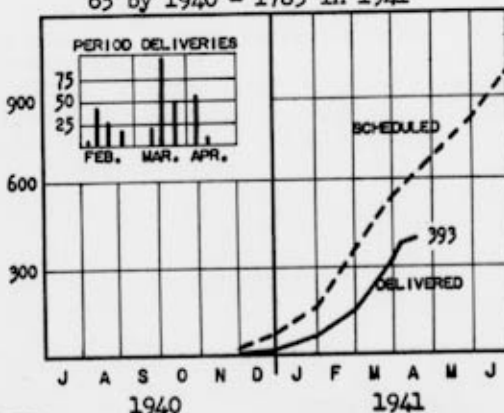
1082 ADVANCE TRAINER, 2 ENGINE

8 by 1940 - 1074 in 1941



2164 ADVANCE TRAINER, 2 ENGINE

65 by 1940 - 1785 in 1941



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

Source of Information: Statistics Branch, OCMG

GENERAL -- As of April 15, 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 eighty-seven percent has been contracted and an average of seventy-one percent has been procured; the latter figure includes transfers from CCC stocks. Contracts awarded during the week ended April 16, 1941 amounted to 9 million, of which 6 million were for clothing and equipage.

NEW CONTRACTS -- Items for which increases in contracted amounts are indicated for the past quarter-monthly period include:

Apron, B. & C.	Netting, mosquito
Bag, field, canvas, o.d.	Raincoat
Cloth, wool, 18 oz.	Scabbard, subMG, cal. 45
Coat, B. & C.	Shirt, cotton, khaki
Coat, woolen, serge	Socks, wool, light
Cot, steel, folding	Towel, hand-huck
Duck, tent, cotton, khaki	Towel, turkish
Headnet, mosquito	Trousers, B. & C.
Jacket, field	

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

DELIVERIES -- During the quarter-monthly period ended April 15, 1941, deliveries were effected on all but 45 of the 133 items; of these, 16 items have been completely procured; 6 are on schedule; 9 have no current schedules; 14 are behind schedule, including the following critical items:

Belt, cartridge, dismtd.	Saddle, Phillips, cargo
Breeches, wool	Suspenders, belt
Range, field, M-37	Tent, storage

SCHEDULES and DELINQUENCIES -- Of the 133 basic items, 83 are on or ahead of schedule; 10 have no current schedule; 42 are behind schedule. Items currently more than 20% delinquent and also behind February 28th schedules are:

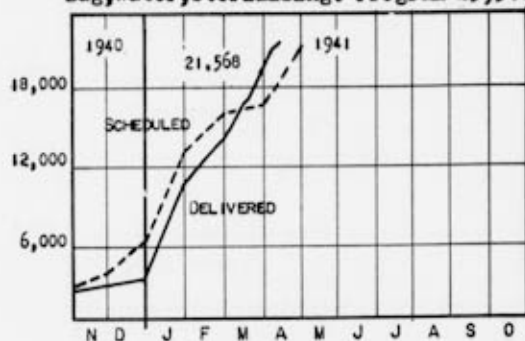
Scabbard, subMG, cal. 45 (40%)	Case, dispatch, canvas (28%)*
Bag, cantle (38%)*	Goggles (26%)
Can, milk (36%)	Tent, storage (21%)
Bag, money, leather (30%)	

*Behind January 31st schedules.

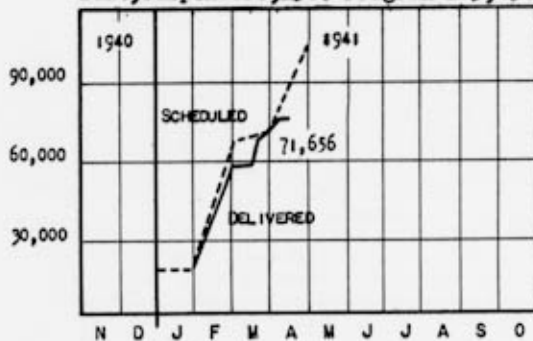
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 15, 1941

Source of Information: Statistics Branch, QMG

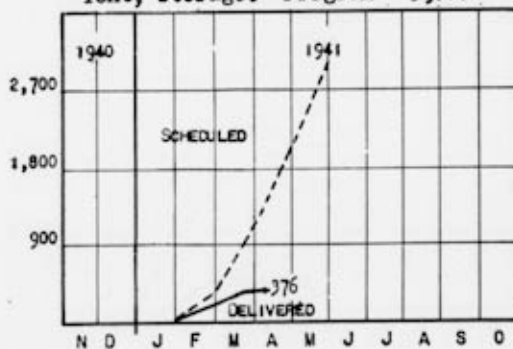
Bag, water, sterilizing. Program-25,576



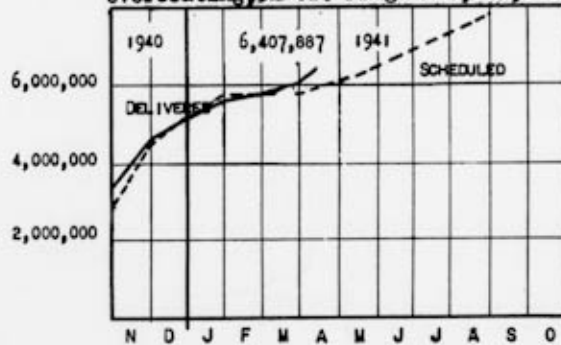
Belt, suspenders, M36. Program-100,257



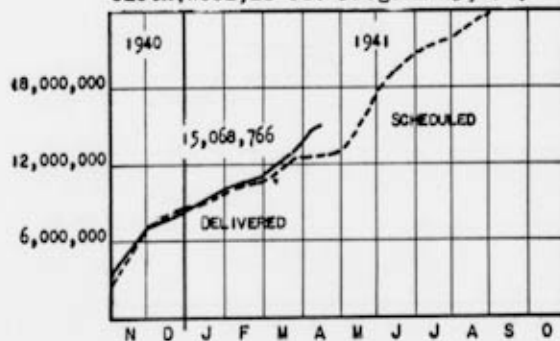
Tent, storage. Program - 3,543



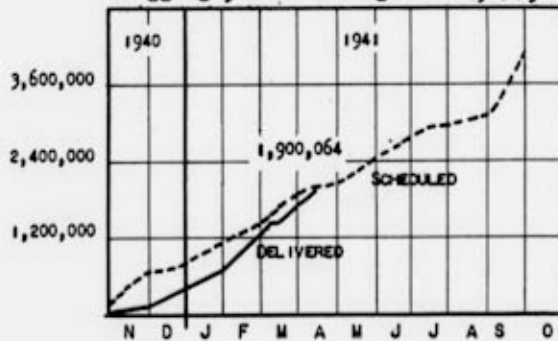
Overcoating, 32 oz. Program-7,873,319



Cloth, wool, 18 oz. Program-23,698,266



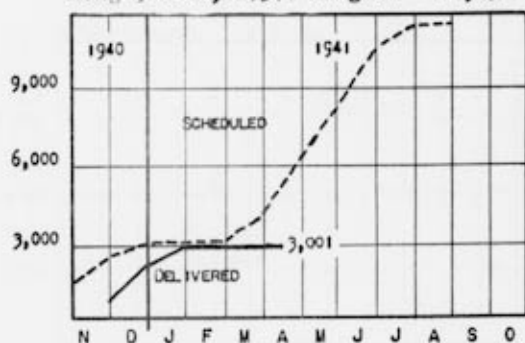
Leggings, Dismd. Program - 4,139,743



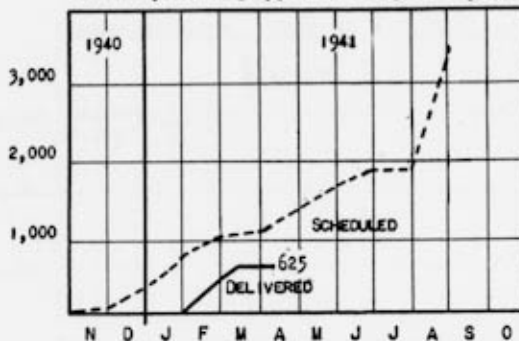
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 15, 1941

Source of Information: Statistics Branch, OQMG

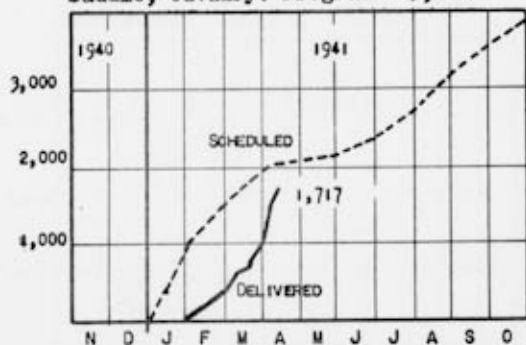
Rifle, field, M1937. Program - 11,438



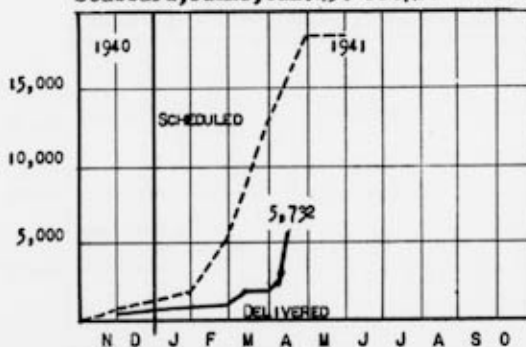
Saddle, Phillips, pack. Program - 2,348



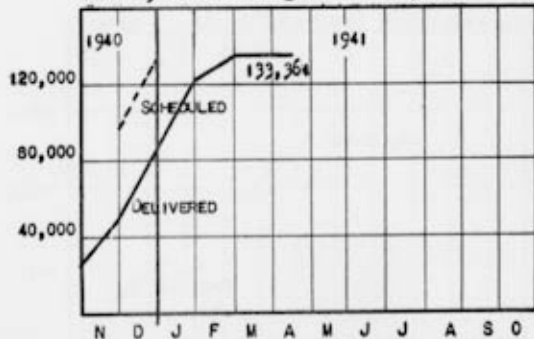
Saddle, Cavalry. Program - 5,828



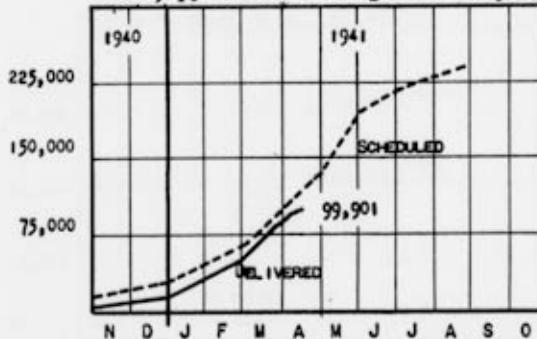
Scabbard, subMG, cal.45. Program - 18,244



Stove, tent. Program - 294,379



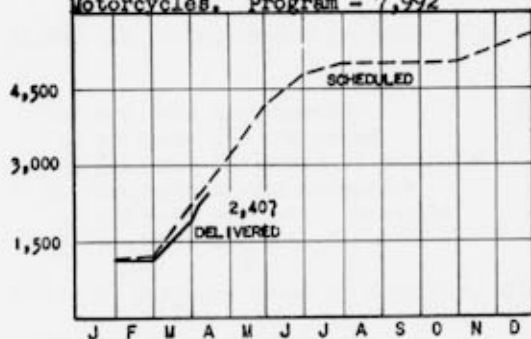
Tent, pyramidal. Program - 280,845



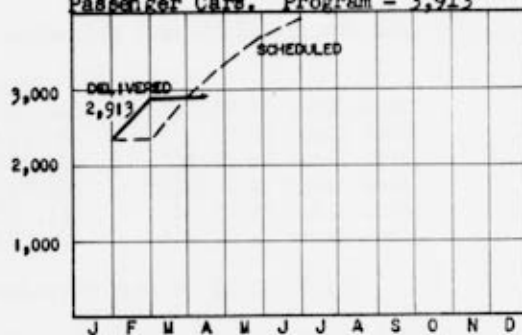
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - APRIL 15, 1941

Source of Information: Statistics Branch, OQMG

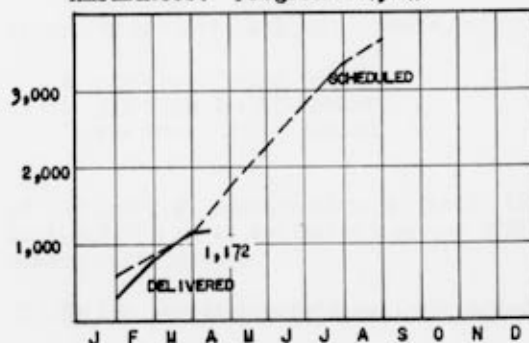
Motorcycles. Program - 7,992



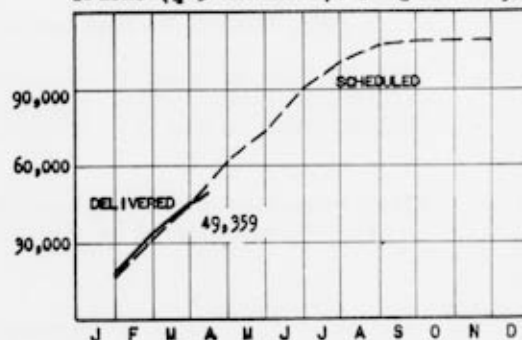
Passenger Cars. Program - 3,913



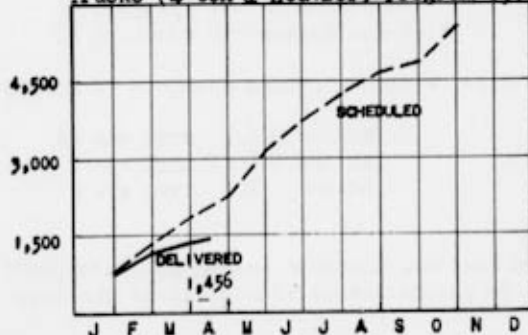
Ambulances. Program - 4,145



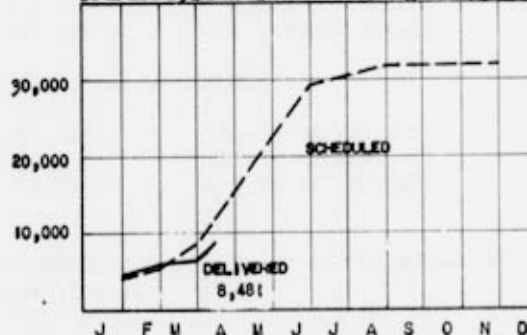
Trucks (1/2-3 ton incl). Program-122,520



Trucks (4-ton & Heavier) Program-6,098



Trailers, Semi-Trailers. Program-33,323



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - April 5, 1941

Source: Statistics Branch, OQMG - O.U.S.W.

Of 268 Q.M. construction projects, with a total estimated cost of \$1,232,851,404:

	<u>Cost</u>	
250 projects are started	\$1,152,443,942	(93.5% of total cost)
43 projects are completed	59,693,651	(4.8% of total cost)
29 projects are ahead of schedule	208,580,149	(16.9% of total cost)
146 projects are on schedule*	726,148,612	(59.0% of total cost)
32 projects are behind schedule	158,021,530	(12.8% of total cost)
18 projects are not started	80,407,462	(6.5% of total cost)

Of the 29 projects ahead of schedule, with an estimated cost of \$208,580,149:

17 are from 5-10% ahead	\$149,084,785	(71.5% of \$208,580,149)
9 are from 11-20% ahead	39,492,337	(18.9% of \$208,580,149)
3 are over 20% ahead	20,003,027	(9.6% of \$208,580,149)

Of the 32 projects behind schedule, with an estimated cost of \$158,021,530:

16 are from 5-10% behind	\$101,424,254	(64.2% of \$158,021,530)
10 are from 11-20% behind	50,350,190	(31.9% of \$158,021,530)
6 are over 20% behind	6,247,086	(3.9% of \$158,021,530)

Of the 268 Q.M. construction projects, 184 (69%) provide a troop housing capacity of 1,228,895 at an estimated cost of \$708,325,722 (57% of total estimated Q.M. construction cost).

Of the 184 projects providing troop housing:

	<u>Capacity</u>	
184 projects are started	1,228,895	(100% of total)
41 projects are completed	166,031	(13.5% of total)
22 projects are ahead of schedule	298,257	(24.3% of total)
98 projects are on schedule*	643,679	(52.4% of total)
23 projects are behind schedule	120,928	(9.8% of total)

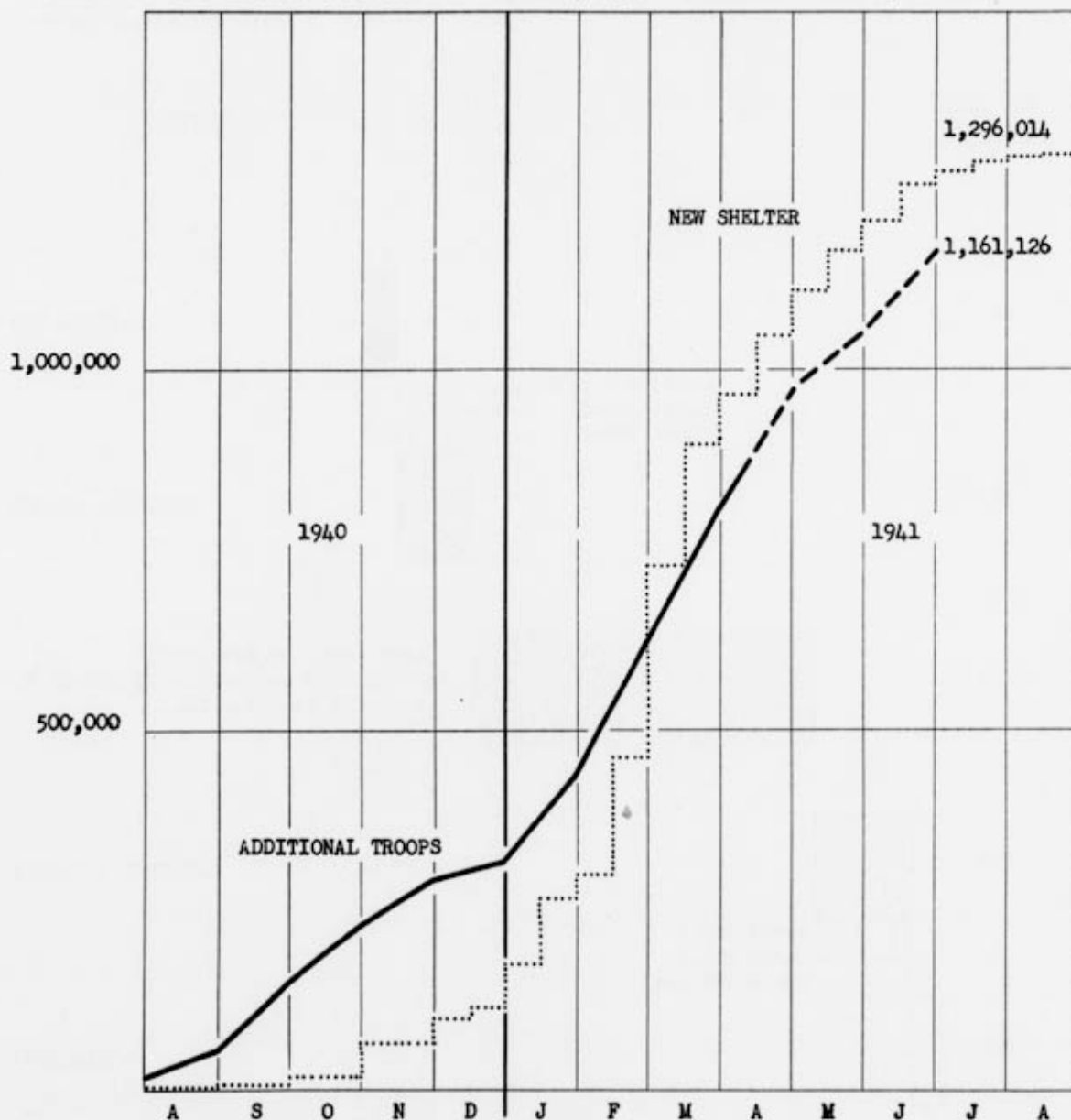
Of the 23 projects behind schedule, with a troop capacity of 120,928:

13 are from 5-10% behind	78,415	(64.8% of 120,928)
7 are from 11-20% behind	32,934	(27.3% of 120,928)
3 are over 20% behind	9,579	(7.9% of 120,928)

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

QUARTERMASTER CORPS - ESTIMATED STATUS OF TROOP HOUSING* - April 12, 1941

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

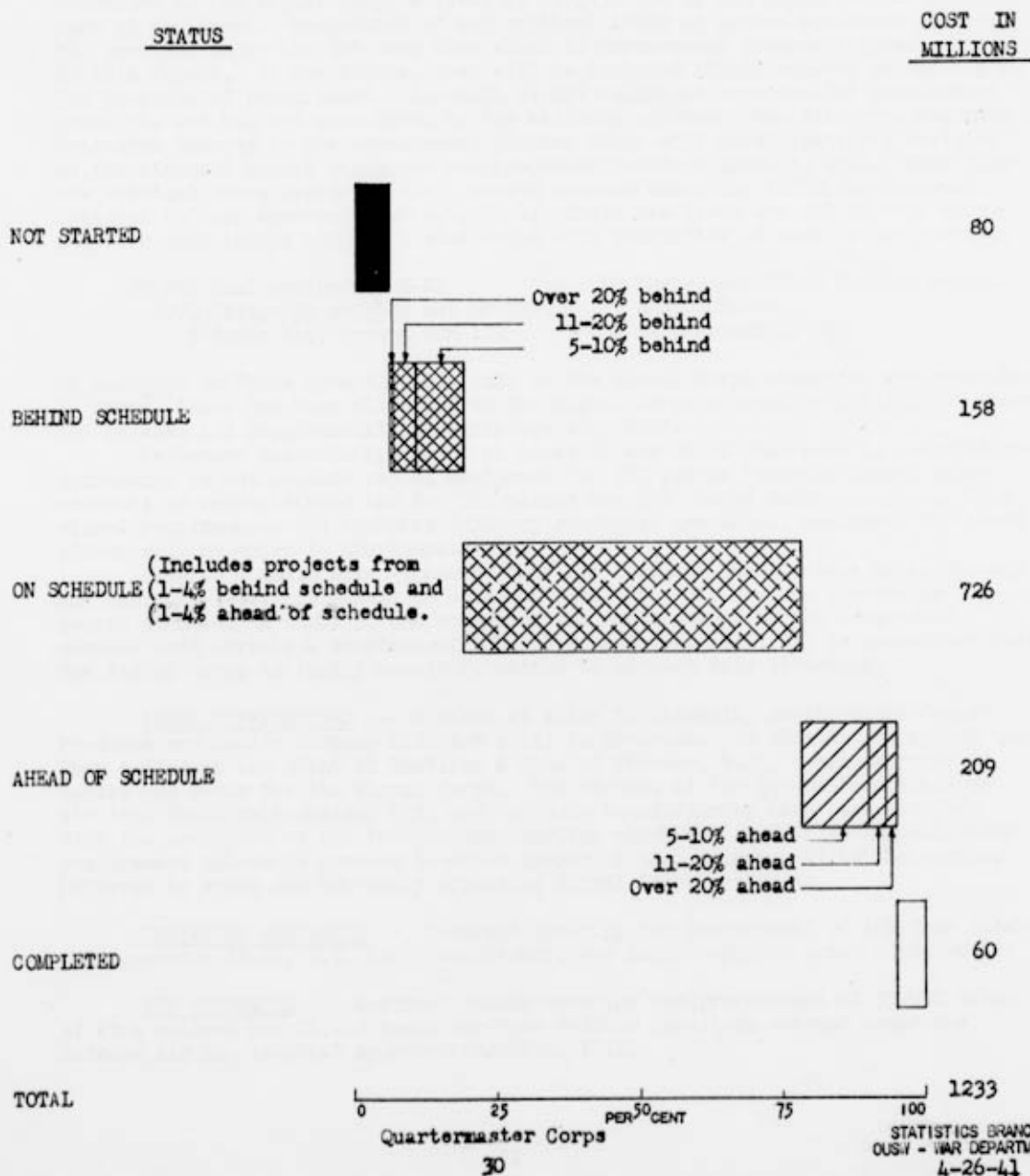


* Includes projects to be completed by Corps of Engineers

Quartermaster Corps

QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - April 5, 1941

Source: Statistics Branch, OQMG - O.U.S.W.



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - APRIL 19, 1941

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

GENERAL - The Fifth Supplemental National Defense Appropriation Act allocated to the Signal Corps a total of \$57,856,299 of new funds for the procurement of equipment. Quantities of all critical items of ground equipment approved for purchase under the Act have been added to procurement program figures contained in this report. In the future, they will be included in all reports pertaining to the progress of procurement. Aircraft signal equipment approved for procurement under the Act has not been added to the existing program. The Air Corps has made extensive changes in its procurement program which will necessitate the revision of the aircraft signal equipment program as approved on April 5, 1941. Only five new critical items appear on the approved program under the Fifth Supplemental National Defense Appropriation Act, 1941. These new items are all for the equipping of ground troops and are listed below with quantities of each to be procured:

28,154 Reel equipment CE-11
779 Telegraph printer set EE-97
3 Radio set, ground SCR-179

20 Instrument blind landing equipment SCR-241
5 Switchboard BD-89

In addition to funds recently allocated to the Signal Corps under the Act referred to above, there has been allocated to the Signal Corps a total of \$62,592,895 under the Defense Aid Supplemental Appropriation Act, 1941.

Reference diagrams appearing on pages 37 and 38 of this report, computed requirements do not include signal equipment for 221 planes recently placed under contract or requisitioned and for 312 planes not yet placed under contract. When signal requirements and contract delivery schedules are known, equipment for these planes will be added to the computation.

Diagram - Radio sets - Command does not indicate any shortage until January and February 1942. It should be borne in mind that this diagram represents composite figures. A study of the schedules and requirements of the individual command sets reveals a shortage of SCR-283 from August 1941. It is understood that the Signal Corps is taking necessary action to correct this situation.

LABOR DIFFICULTIES - Strikes at Allen D. Cardwell, Phelps Dodge Copper Products and Remler Company Ltd. are still in progress. In addition, a strike has been called at the plant of Roebling & Sons of Trenton, N.J., a manufacturer of cables and reels for the Signal Corps. The strikes at the Lon-ga-tone plant of Air King Radio in Brooklyn, N.Y. and Operadio Manufacturing have been settled. With the exception of the Phelps Dodge strike, which will not affect Signal Corps procurement unless it spreads to other plants of the company, all of the strikes referred to above are adversely affecting Signal Corps contracts.

COMPLETED CONTRACTS - Contract covering the procurement of 165 Time interval apparatus EE-85, F.Y. 1940 procurement, has been completed ahead of schedule.

NEW CONTRACTS - Contract awards covering the procurement of 35,038 miles of Wire W-110-B and 35,040 Reels for Wire W-110-B have been awarded under the Defense Aid Supplemental Appropriation Act, 1941.

TEXT SUMMARY -- PROCUREMENT OF SIGNAL CORPS ITEMS -- APRIL 19, 1941 (Page II)

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

CONTRACT CHANGES -- The following changes in total quantities to be procured under F.Y. 1940 procurement have been received from the Signal Corps:

Radio set, ground SCR-206	21	to	30
Signal lamp equipment EE-84	20	to	722
Telephones EE-8-A	15,479	to	17,500

DELIVERIES -- Deliveries of critical items of Signal Corps equipment this week included:

Ground-Equipment

150 Charging set SCR-169	651 Reel unit RL-31
325 Chest BC-5	10 Signal lamp equipment EE-84
30 Frequency meter set SCR-211	2,256 Telephone EE-8-A
2,322 Head & chest set HS-19	281 Telegraph set TC-5-A
4 Radio set SCR-197	61,000 (ft.) Submarine mine cable
3 Radio set SCR-206	12 Switchboard BD-74
5 Radio set SCR-268	70 Test set EE-65
15 Radio set SCR-288	75 Test set I-56
86 Reel unit RL-26-A	68 Time interval apparatus EE-85
	2,363 (miles) Wire W-110-B

Aircraft-Equipment

2,038 Head set HS 23	293 Microphone amplifying equipment
255 Interphones RC-51	RC-19
	108 Microphones T-20

DELINQUENCIES -- The following items of Signal Corps equipment under procurement are behind scheduled deliveries in the amounts indicated:

Ground-Equipment

745 Frequency meter set SCR-211	15 Radio set SCR-268
200 Interphone equipment RC-48	15 Radio set SCR-270
25 Radio set SCR-131	15 Radio set SCR-271
25 Radio set SCR-171	129 Radio set SCR-288
132 Radio set SCR-178	176 Reel cart RL-16
18 Radio set SCR-206	410 Reel unit RL-26-A
443 Radio set SCR-245	1,424,700 (ft.) Submarine mine cable
	102 Theodolite MI-47

Charging set SCR-169 and Reel unit RL-31 have been removed from the delinquency list.

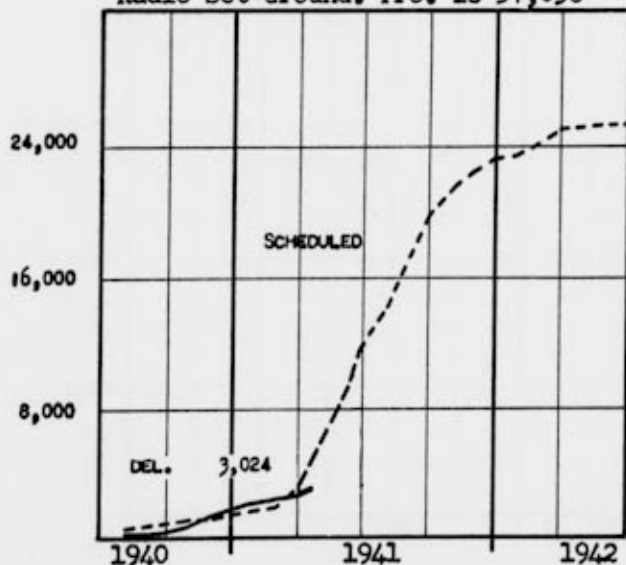
Aircraft-Equipment

123 Frequency meter set SCR-211	50 Radio compass SCR-263
320 Marker beacon receiving equipment RC-39	8 Radio set SCR-238-A
900 Marker beacon receiving equipment RC-43	

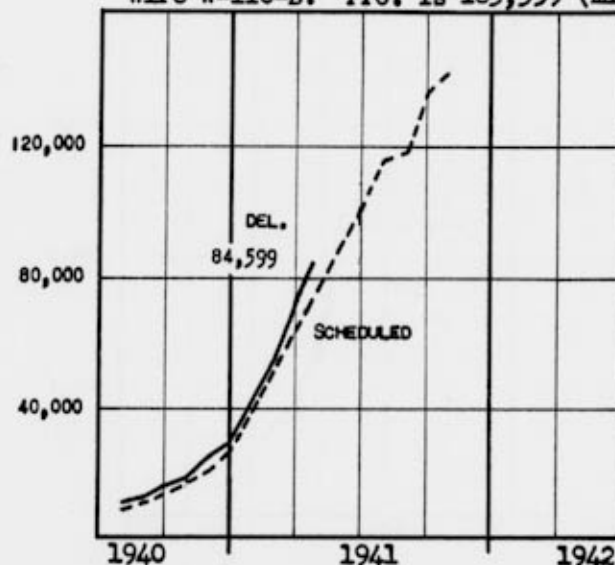
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 19, 1941

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

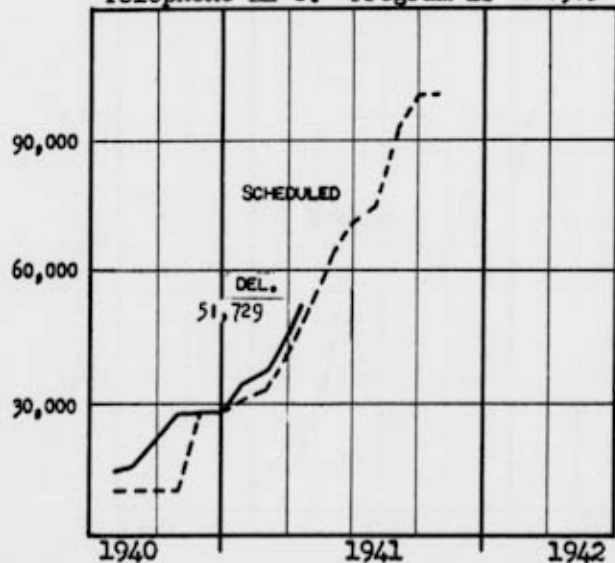
Radio Set-Ground. Pro. is 37,056



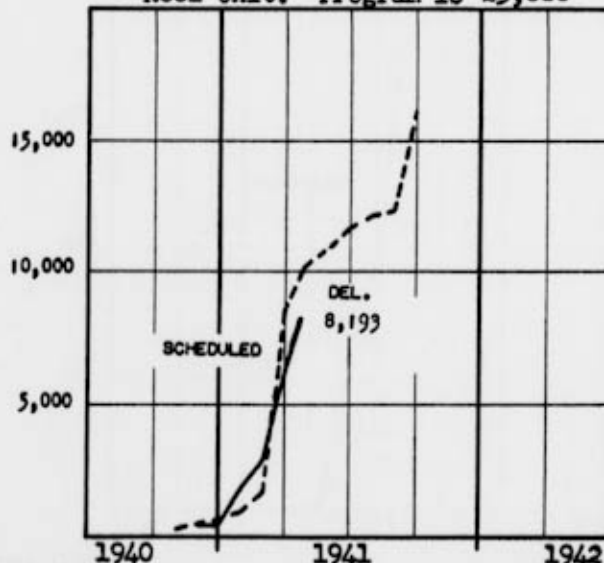
Wire W-110-B. Pro. is 183,359 (miles)



Telephone EE-8. Program is 107,930



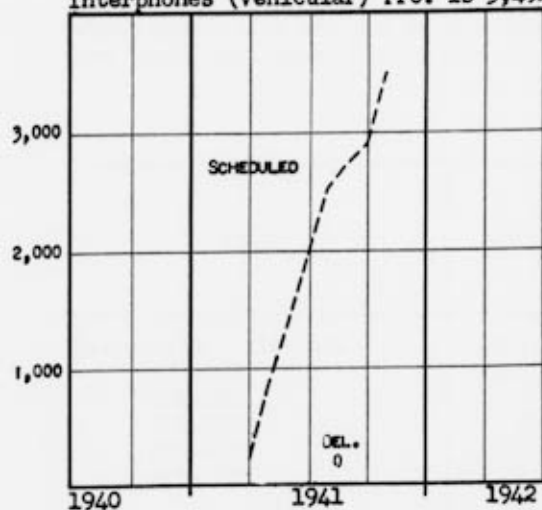
Reel Unit. Program is 23,086



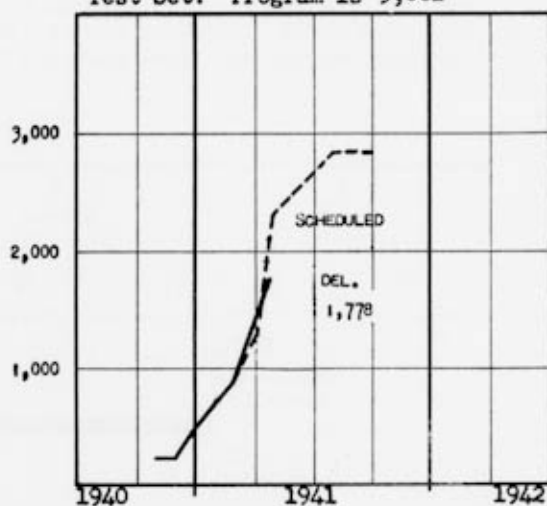
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 19, 1941

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

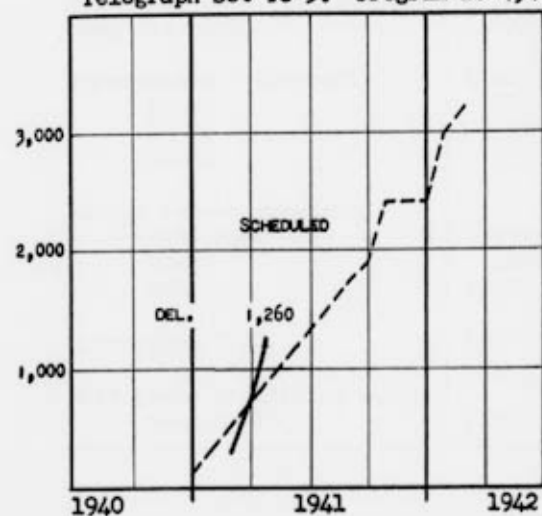
Interphones (Vehicular) Pro. is 3,492



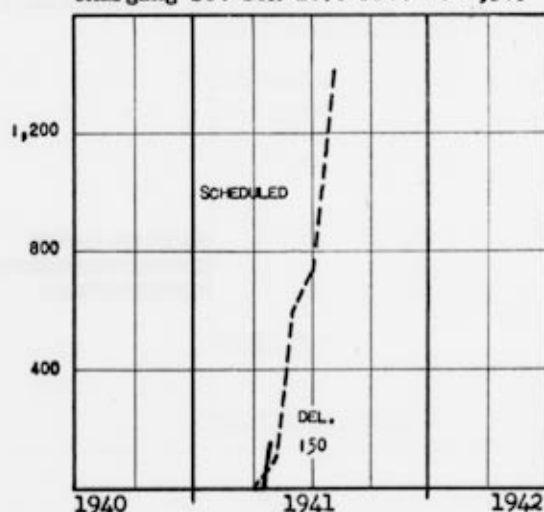
Test Set. Program is 5,061



Telegraph Set TG-5. Program is 4,427



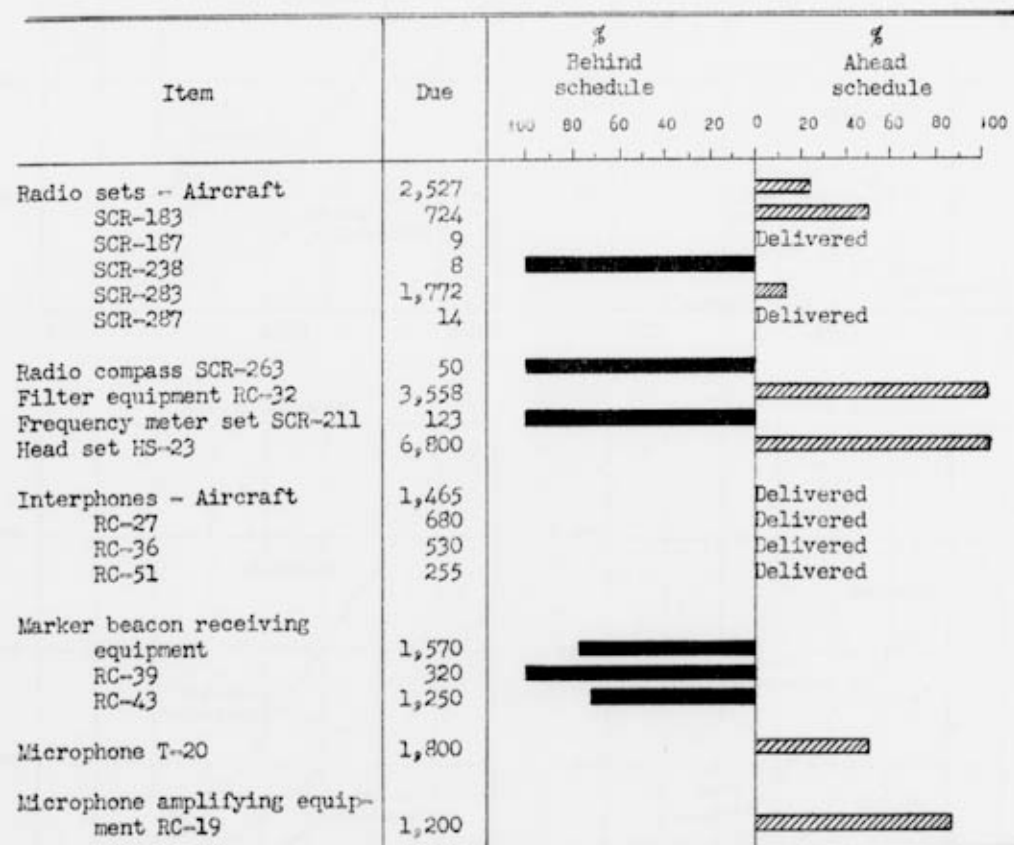
Charging Set SCR-169. Pro. is 1,395



STATUS OF PROCUREMENT PROGRAM - F.Y. 1941 - AIRCRAFT EQUIPMENT - APRIL 19, 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.



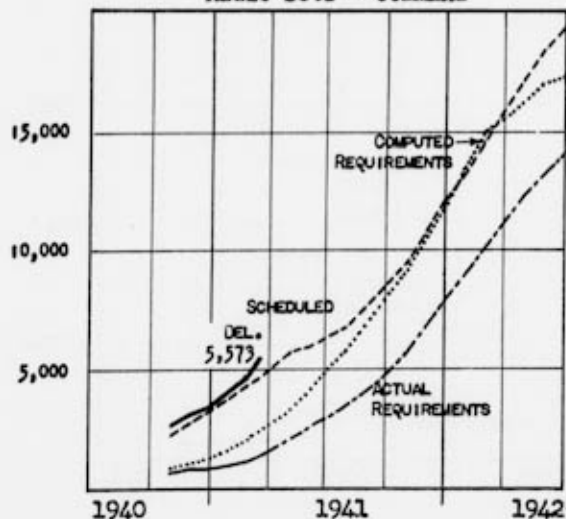
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 19, 1941

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

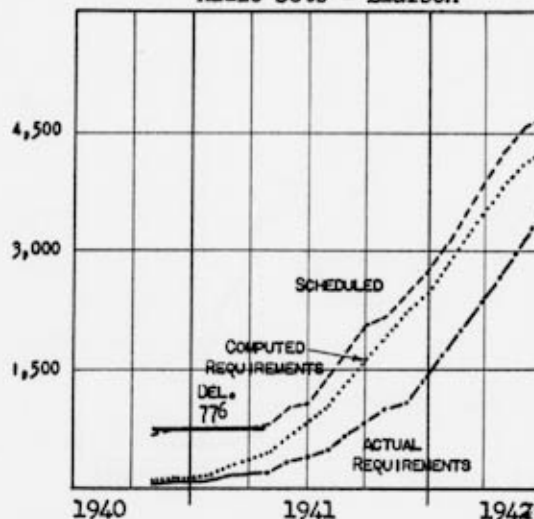
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS 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.

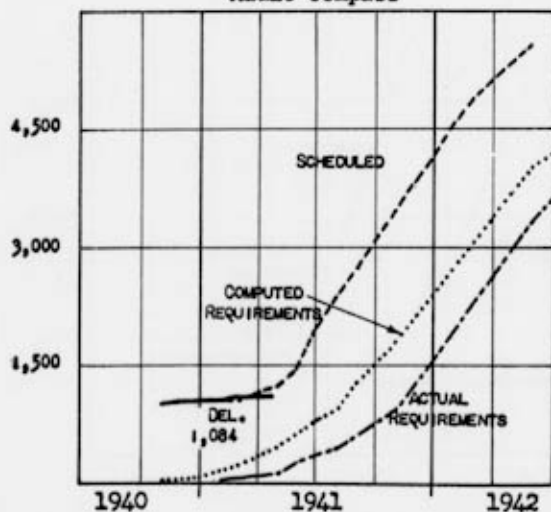
Radio Sets - Command



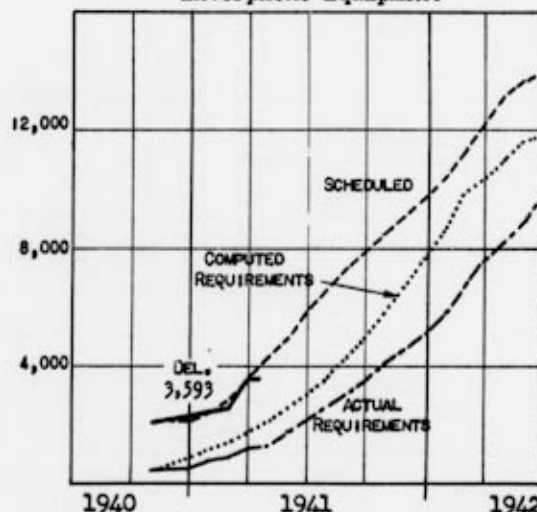
Radio Sets - Liaison



Radio Compass



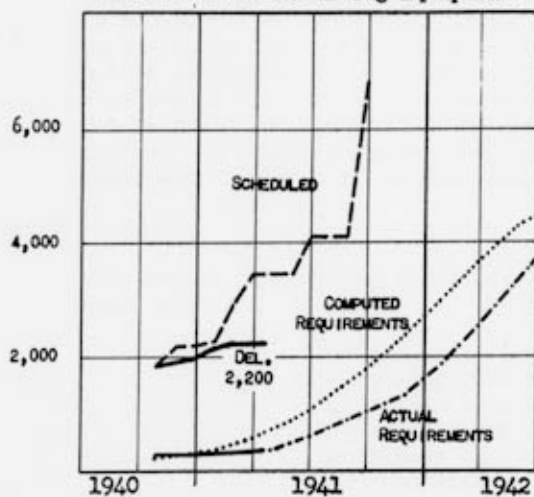
Interphone Equipment



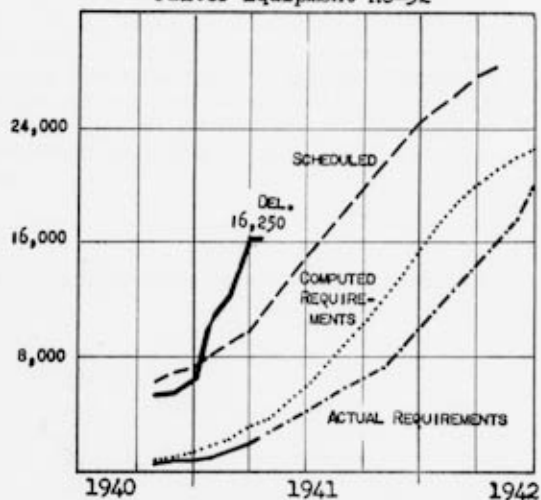
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 19, 1941

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

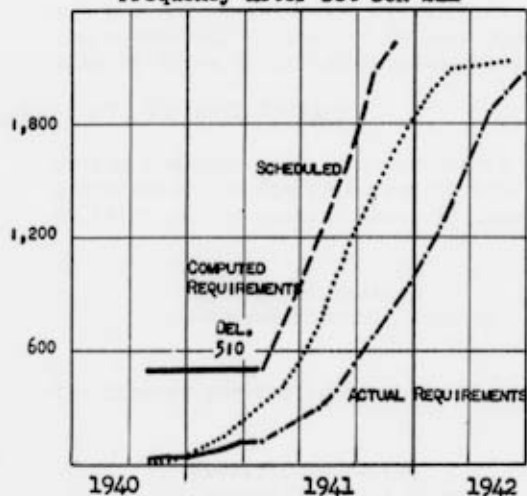
Marker Beacon Receiving Equipment



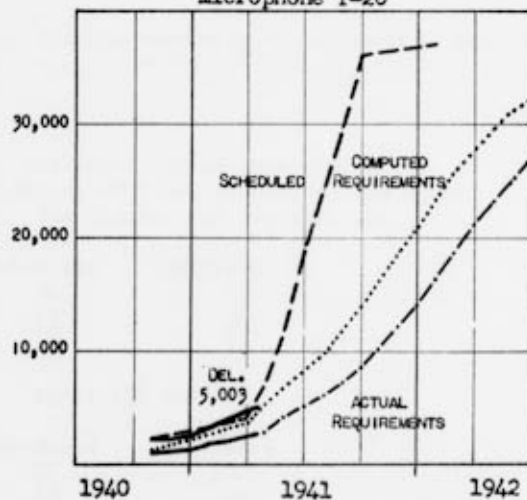
Filter Equipment RC-32



Frequency Meter Set SCR-211



Microphone T-20



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

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

GENERAL

There are 48 critical items of Engineer equipment being reported by this office. The number was 31 until the passage of the Fifth Supplemental National Defense Appropriation Act. Of the 48 items 5 are completely delivered, 6 are inactive in that contracts have not yet been let, and the remaining 37 may be classed as active although for 7 of them deliveries are not yet scheduled to start. The numbers ahead and behind schedule remain unchanged from last week. They are 8 ahead and 10 behind. The important items ahead of schedule are the 25-ton ponton bridge and the two electric lighting sets.

BEHIND SCHEDULE

There are 10 items behind schedule. The more important ones and the percents behind are:

18" searchlight	98
Stereoscope, mirror	65
10-ton ponton bridge	40
60" searchlight	27
Gas hammer	12
Air compressor	10
3/8 yard shovel	5

Of these 7 items the ones which may be classed as the more serious shortages are the 60" antiaircraft searchlight, the gas hammer and the air compressor. The searchlight situation is improving but the gas hammer is an addition to the list of items deserving special mention.

SEARCHLIGHT, 60" ANTIAIRCRAFT

During the past week 45 searchlights were delivered and 45 were scheduled. By coincidence the Sperry Corporation's deficiency of 7 was made up by the extra delivery of the General Electric Company. The figures for the week are:

	Scheduled	Delivered
Sperry Corporation	26	19
General Electric Company	19	26
	<u>45</u>	<u>45</u>

The figures for the past month (March 15 - April 15) are:

	Scheduled	Delivered
Sperry Corporation	102	101
General Electric Company	68	87
	<u>170</u>	<u>188</u>

Another method of comparing the two companies is to compare the number and percent behind schedule on two dates. The tabulation below shows that for the last month the Sperry Company has held its own while the General Electric Company has decreased its behind schedule figure by 19 units.

	<u>March 15</u>		<u>April 15</u>	
	Number	Percent	Number	Percent
Sperry Corporation	167	40	168	32
General Electric Company	<u>77</u>	<u>32</u>	<u>58</u>	<u>19</u>
	244	37	226	27

If the General Electric Company can continue its performance of the past month of delivering 19 more searchlights than scheduled, the present shortage of 58 will be made up in three months and the company's deliveries will be on schedule by July 15. There is no data available on which a like statement may be made about the Sperry Corporation.

COMPRESSOR, AIR, MOTORIZED

Deliveries exceeded the schedule by 7 units during the past week. It appears that the source of trouble on this item has been overcome and that the present deficiency of 10 percent of the schedule will be made up in the near future.

HAMMER, GAS OPERATED

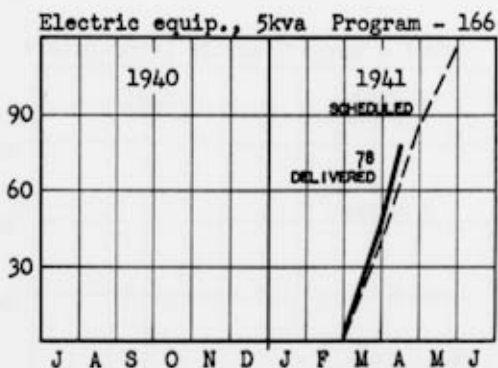
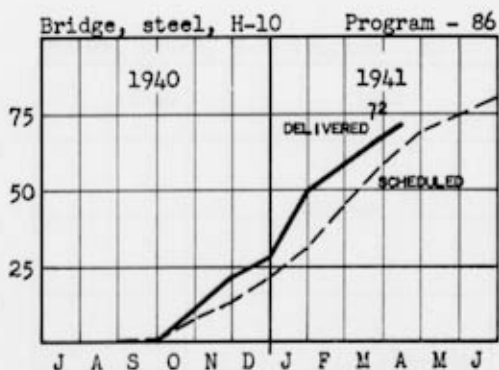
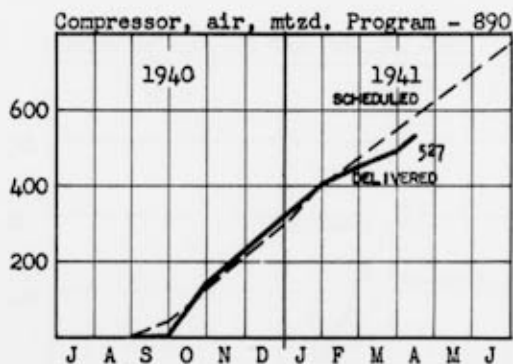
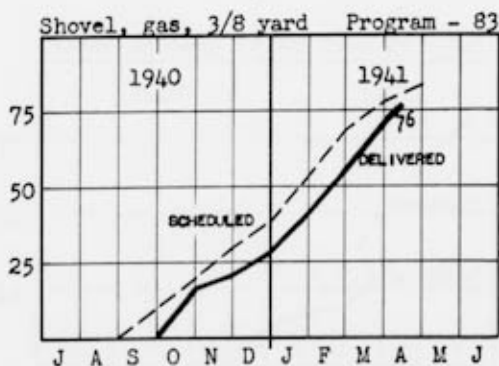
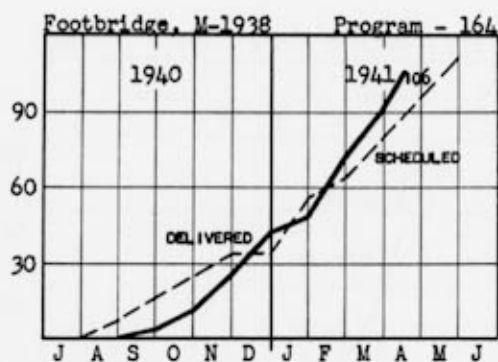
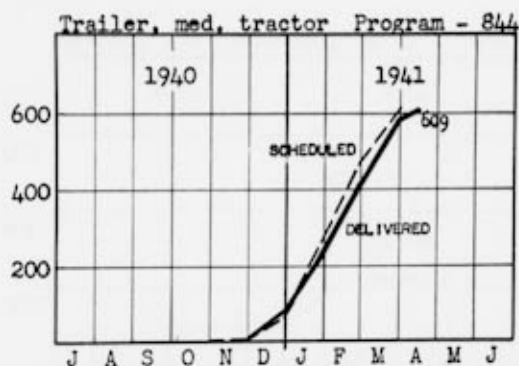
Last week this item was 48 units or 8 percent behind schedule. It has slipped further during the past week when only 24 units were delivered against a schedule of 50. It is now 74 units or 12 percent behind schedule. No explanation is available at the present time.

INDEX OF PROCUREMENT

The index of Engineer Procurement which was mentioned in previous reports shows that for the period ending April 15, 58½ percent of the program has been delivered. This is a gain of about 4 points since March 31.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 15, 1941

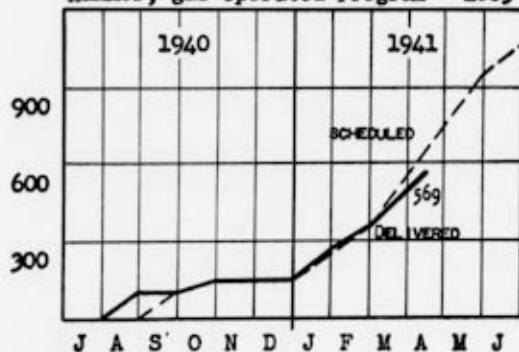
Source of Information: Office of the Chief of Engineers



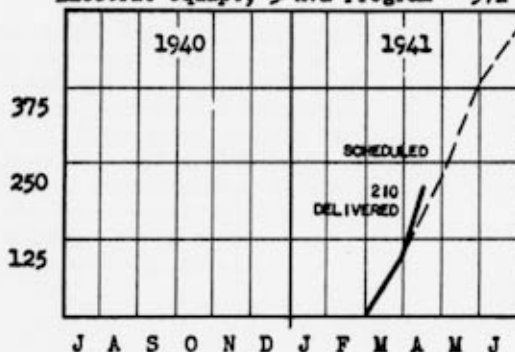
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 15, 1941

Source of Information: Office of the Chief of Engineers

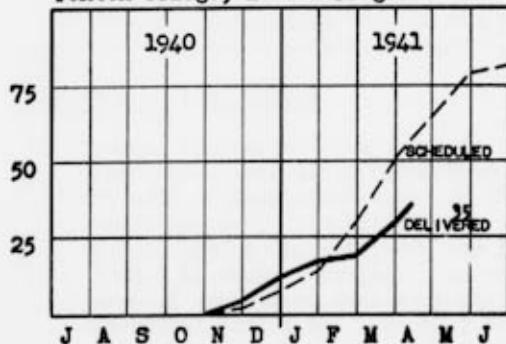
Hammer, gas operated Program - 1063



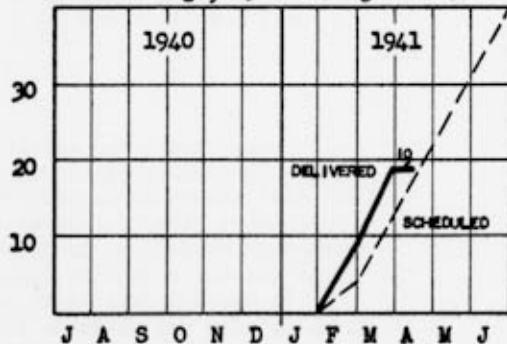
Electric equip., 3 kva Program - 571



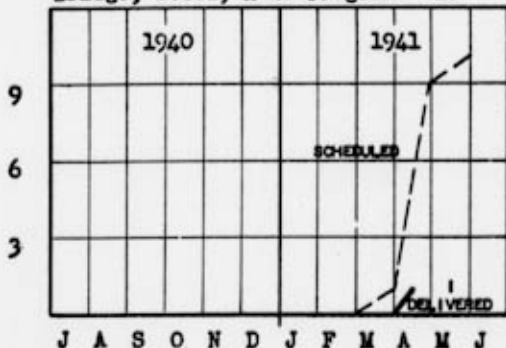
Ponton bridge, 10 ton Program - 81



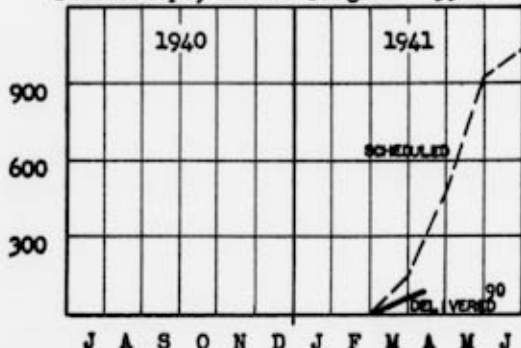
Ponton bridge, 25 ton Program - 71



Bridge, steel, H-20 Program - 10



Stereoscope, mirror Program - 3506



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - MARCH 31, 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 87 projects located in the United States and possessions. Of these, 74 include housing facilities for about 160,000 Air Corps troops; the remaining 13 are depots, assembly plants and projects at stations requiring no more housing. The total estimated cost is \$306,094,500; 54 percent or \$165,617,000 is underway; and about 37 percent of the total is completed.

ASSEMBLY PLANTS

There are four projects totalling \$40,059,000 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 each 1 percent completed.

PROGRESS IN LAST PERIOD

During the period from March 15 to March 31 the total estimated cost rose about \$15,000,000 from \$291,373,500 to \$306,094,500. The percent of completion based on the present program increased from 36 to 37 percent. The estimated cost of the assembly plants rose from \$37,200,000 to \$40,059,000; and their percent of completion increased from 0 to about 1 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.

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TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED APRIL 26, 1941

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

The delivery of surgical instruments due to a combination of circumstances, which keep cropping up to plague manufacturers, continues to slow up. The most common difficulties are the slowness of deliveries of rustless steel by the steel producers, the scarcity of skilled labor and disagreements over pay and working conditions leading to strikes.

According to the latest information at hand there has been no settlement of the strike between the J. Sklar Manufacturing Company, Long Island City, New York, and its employees. Work was discontinued on April 4, and stopped the delivery of several types of surgical instruments badly needed by the Medical Department.

It is noted with satisfaction that on the April 15 Progress Report The Torrington Company, Torrington, Connecticut, has completed delivery on five different sizes of surgeons needles and made partial deliveries on two others.

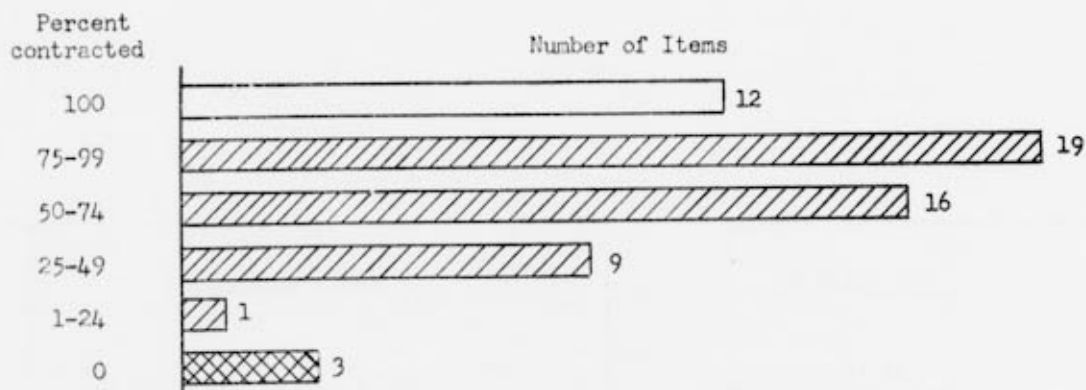
The Zimmer Splint Company, New York, New York, has delivered 4,316 aluminum pole litters on their first contract for eleven thousand. As the company now has the necessary material on hand for the manufacture of these litters, the contracts will be pushed rapidly to completion.

A report of the material released from stocks and current production to foreign governments under authority of the act of March 11, 1941 (*Lease-Lend*) shows the Medical Department supplying the Kingdom of Yugoslavia with two thousand litters.

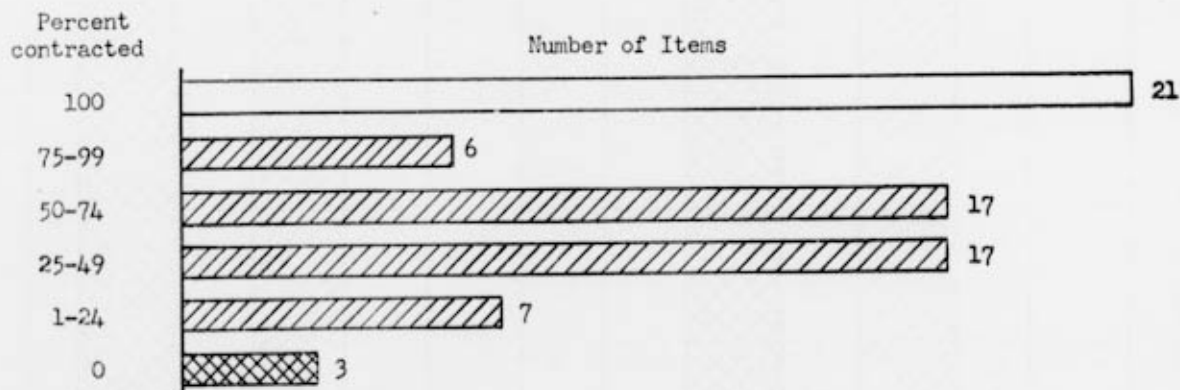
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - APRIL 15, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED



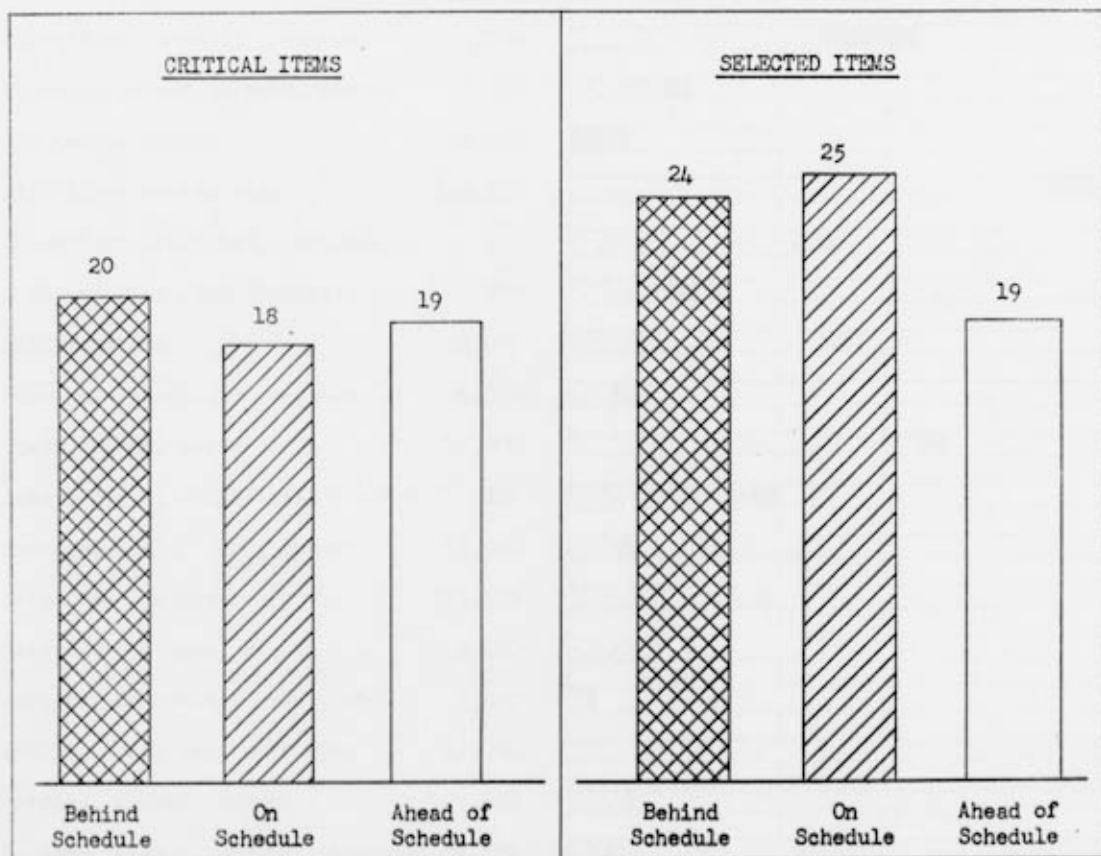
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED



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

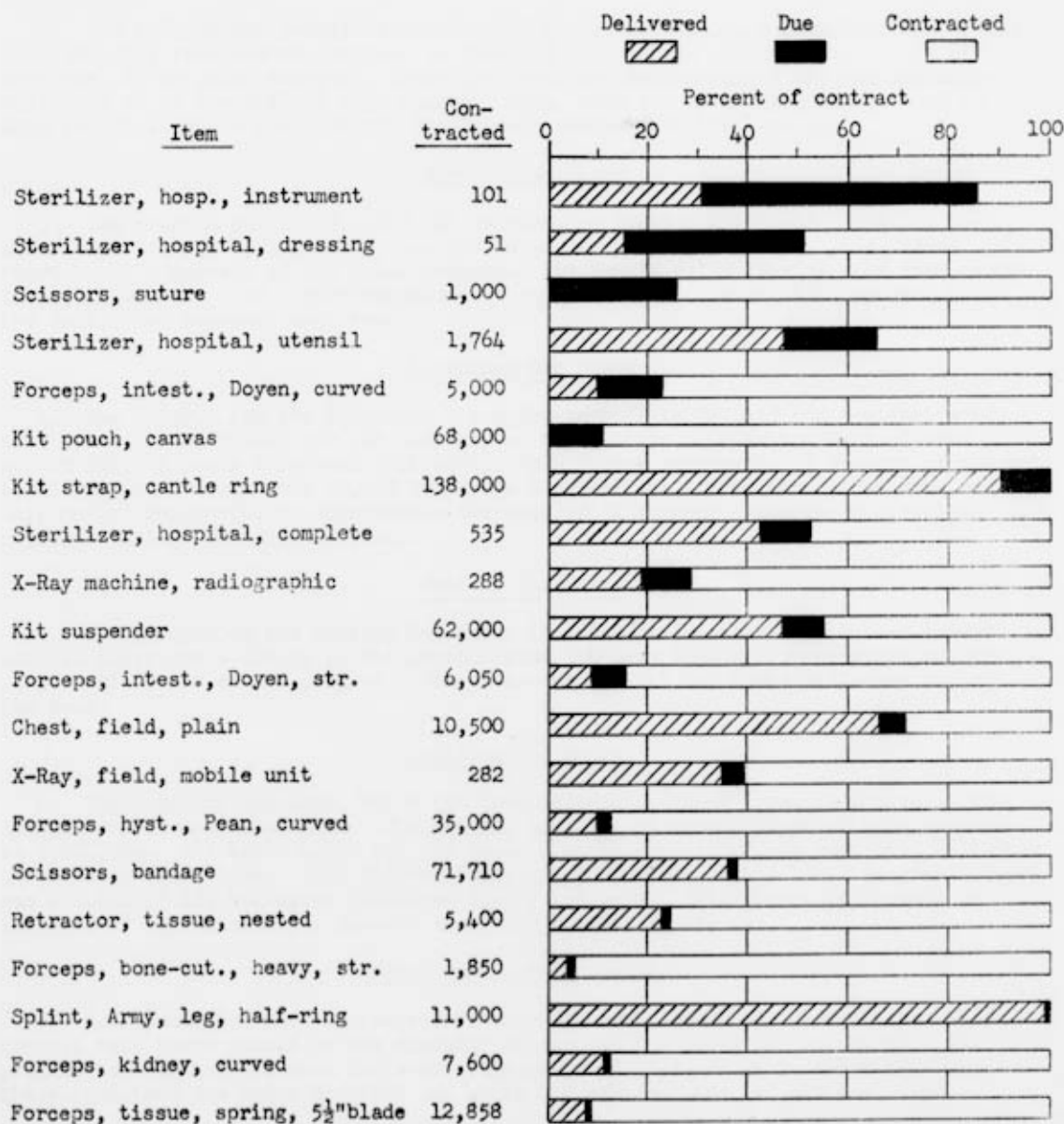
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



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

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - APRIL 25, 1941

Source of Information: Reports received from the Chemical Warfare Service

1. The Chemical Warfare Service continues to report favorable progress of deliveries of the major critical Chemical Warfare items during the week ended April 18, 1941.

2. 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.

Service Gas Masks

3. The program calls for 1,879,781 Service Gas Masks. All these items are now under contract and 1,413,744 Service Gas Masks have been delivered. This figure represents 75 percent of the total program. The weekly deliveries of this item amount to 75,722 masks. This figure represents a decrease of approximately 1 percent below the deliveries reported last week.

Diaphragm Gas Masks

4. The program for the Diaphragm Gas Masks amounts to 920,153 and the contracts have already been placed for the assembly of these items. Up to the date of this report 356,797 masks have been delivered. This figure represents 39 percent of the total program. There were 51,453 Diaphragm Gas Masks delivered during the week and this number represents an approximate decrease of 31 percent below the deliveries reported during the previous week.

Optical Gas Masks

5. The program on the Optical Gas Masks is 116,623. Contracts have been placed for all these masks and up to the present time 500 have been delivered which represents .4 percent of the entire program. There were no Optical Gas Masks delivered during the week.

Training Gas Masks

6. The Training Gas Mask, while not considered a critical item, is placed in the category of an essential item. The program for this particular type of mask amounts to 1,808,304. All these masks are now under contract and 1,059,699 have been delivered up to the present time. This figure represents 59 percent of the total program. There was a total of 129,082 masks delivered during the week. This figure represents an increase of approximately 1 percent above last week's deliveries.

Extra Gas Mask Canisters

7. Additional Gas Mask Canisters are required for replacement purposes and as a general rule there should be one canister in reserve for every two gas masks. The program for Service Gas Mask Canisters amounts to 927,061 and it is noted that all these canisters are under contract and up to the present time 197,428 have been

delivered. This figure represents 21 percent of the total program. During the week 29,900 canisters have been received. This amount represents an approximate increase of 95 percent above last week's delivery.

There are 448,600 Diaphragm Gas Mask Canisters on the program and these items are under contract. Some 78,521 canisters have been delivered to date and this figure represents 18 percent of the program. During the week no deliveries have been reported.

The program for Optical Gas Mask Canisters amounts to 19,417 canisters. This amount is under contract. None of these canisters has been delivered up to the present time.

Mustard Gas (HS)

8. The program calls for 2,630 tons of Mustard Gas and this quantity is under contract. Up to the present time there have been 1,810 tons delivered which figure represents 69 percent of the program. During the week some 92 tons have been delivered. This is an increase of 8 percent above the delivery figures of the previous week.

There are 89 tons of CNB Irritant Gas on the program which amount is all under contract and up to the present time 89 tons have been delivered. This means that the contract for this item is now completed.

The program calls for 11,030 D.M. Irritant Candles which amount is under contract and 500 of these candles have been delivered. This figure represents approximately 5 percent of the total number under contract.

Impregnite

9. Impregnite is a chemical compound used for the impregnation of clothing and shoes to make them impervious to vesicant gases. There are two specific types of impregnite; one known as Impregnite "I" which is used for impregnating clothing and the other Impregnite MI which is used for the impregnation of shoes.

The program calls for 1,712 tons of Impregnite "I" which amount is all under contract and up to the present time 225 tons have been delivered. This figure represents 13 percent of the total program.

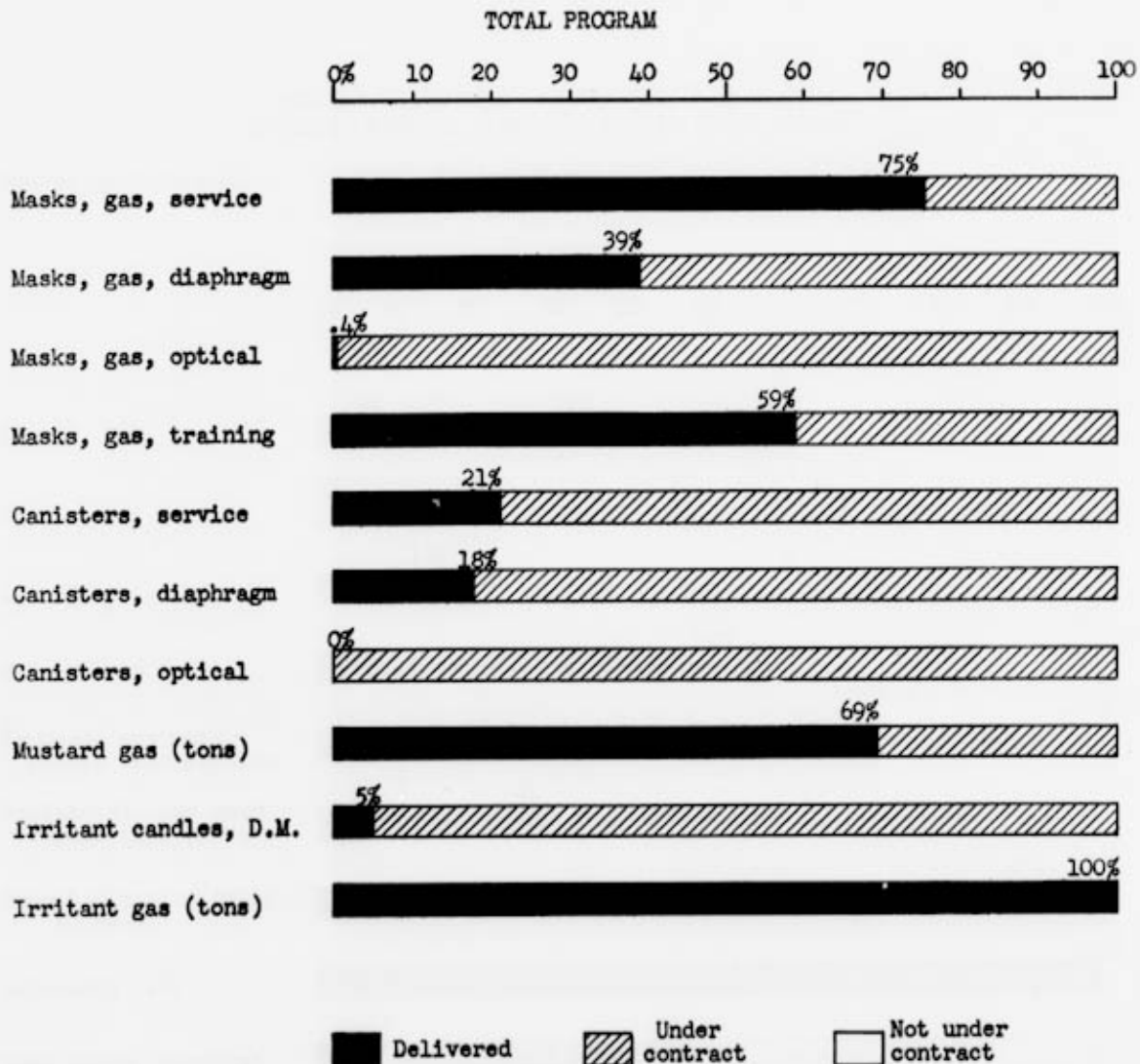
The tonnage of Impregnite MI required under the program amounts to 2,317 but only 40 tons of this amount are under contract because of certain difficulties which have arisen in the change of packing specifications. This item was originally required in bulk packing but the new specifications require deliveries in small 8 ounce tubes. New proposals have been sent out for the purchase of the balance of Impregnite MI.

There are four manufacturing plants under construction for the production of Impregnite I and their combined capacity will be equivalent to approximately 20 tons per day. These plants are expected to be in operation by August 1, 1941.

The Navy Department has placed orders with the Chemical Warfare Service for the necessary impregnite to be used on naval clothing.

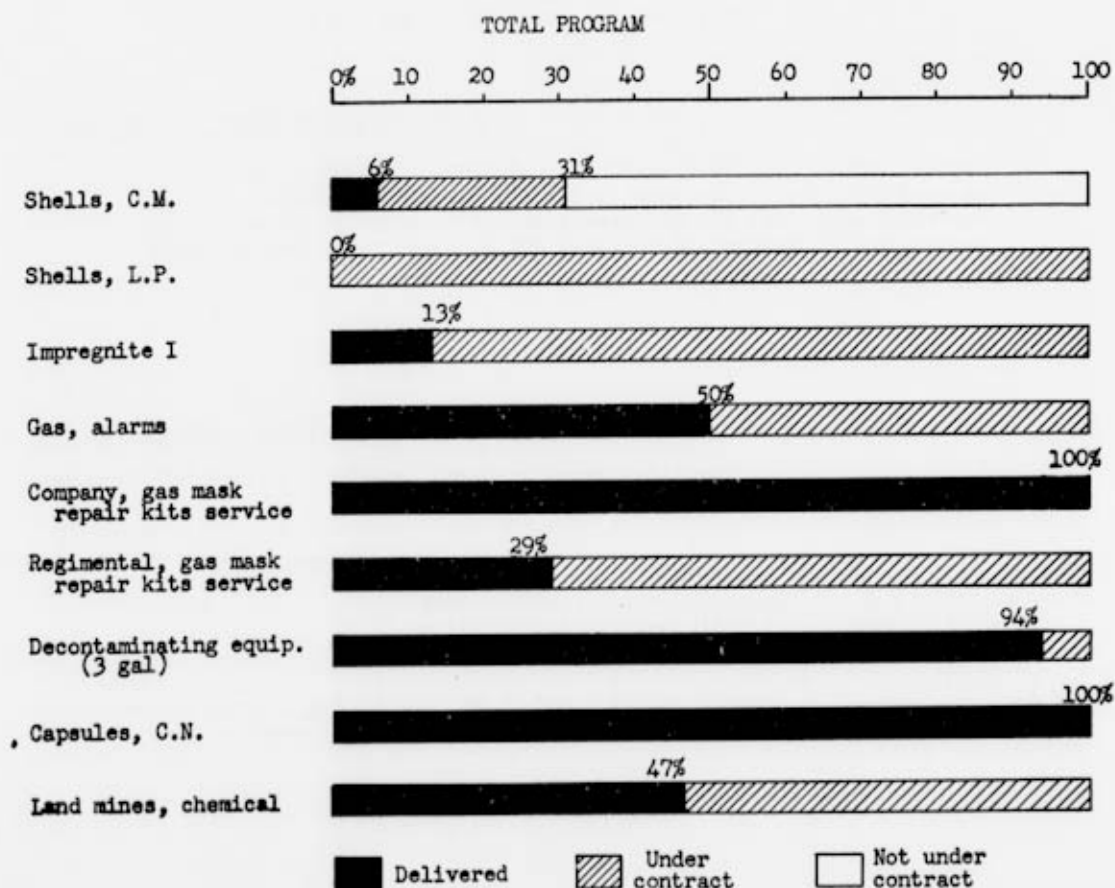
PERCENTAGE PROGRESS OF DELIVERIES OF MAJOR
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41

Source of Information: Chemical Warfare Service



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

Source of Information: Chemical Warfare Service



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH APRIL 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 April 15, 34 were scheduled and 69 were delivered. Deliveries now are 7 more than the schedule for April 30 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 409,000 feet were delivered bringing the total to 2,124,300 feet, or 59 percent of the program.

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

Source of Information: Office, Chief of Coast Artillery

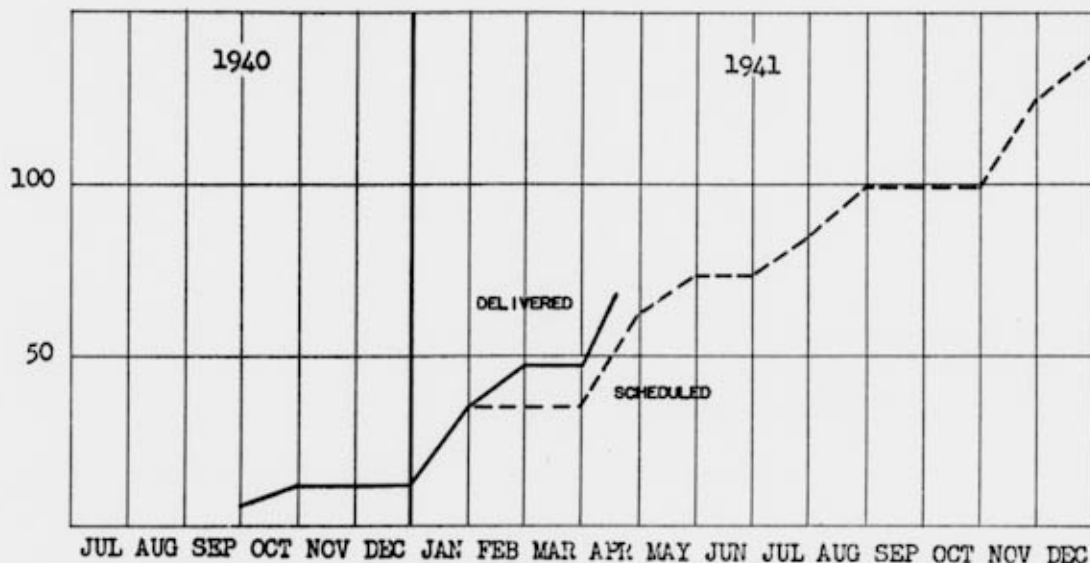
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual Apr. 15	Contracted	Delivered
Group control panels, M-3	138	138	34	69	100	50

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH APRIL 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

PSF
War

May 10, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copies No. 44 and No. 45
of the Weekly Statistical Report Summary.

R. H. P. P. H.

THE WHITE HOUSE
WASHINGTON

July 17, 1941

MEMORANDUM

TO: MISS TULLY
FROM: MR. LUBIN

I am returning the issues Nos. 44 through 52 of the Weekly Statistical Report Summary issued by the Statistical Division of the Under Secretary of War's office. I am retaining issue No. 1 dated July 5, 1941, and will return it in a day or so.

Thanks ever so much for making this information available to me. It is most useful.



SECRET

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

*PSF
War*

WEEKLY STATISTICAL REPORT

SUMMARY

No. 44

RELEASED

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

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 5200.9 (9/27/88)

Date- 3-5-59

Signature- *Carl F. Spencer*

STATISTICS BRANCH
OFFICE OF THE ASSISTANT SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-4441-1

Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 44

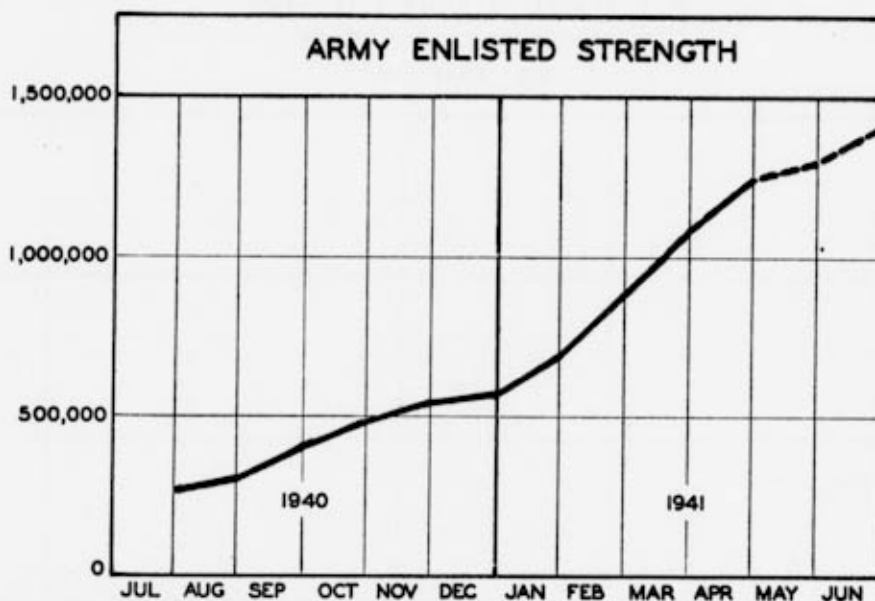
MAY 3, 1941

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		Diagrams: Selected Items	37
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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

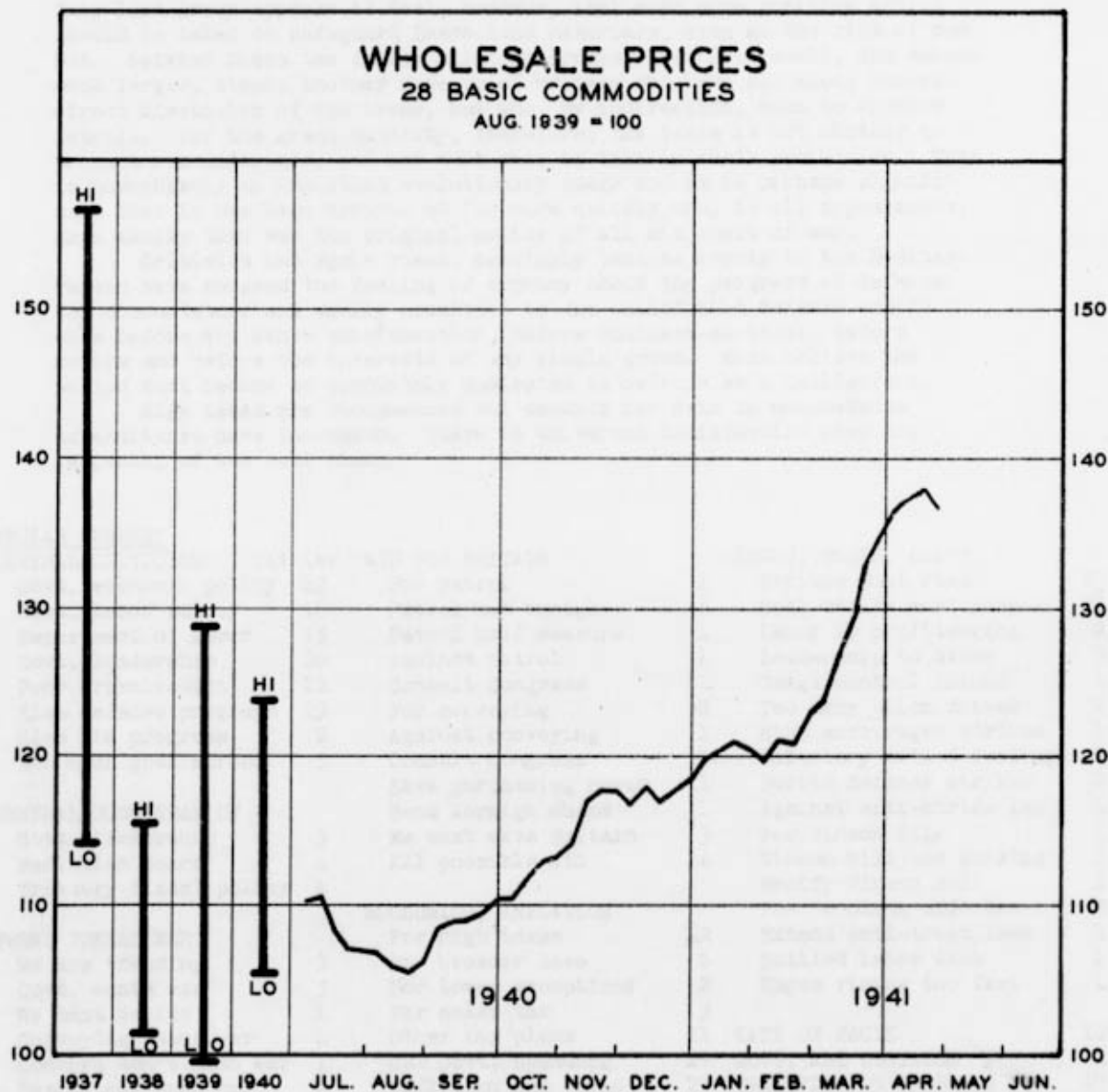


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,441
Oct.	480,852
Nov.	542,704
Dec.	570,627
Jan. 1941	693,578
Feb.	870,265
Mar.	1,065,455
Apr.	1,205,878
May	1,291,028
June	1,410,567

PRICES

For the first time since early February the average prices of the 28 basic commodities declined. Decreases in steel scrap, tin, rosin and flaxseed accounted for the drop from 138.1 to 136.9 during the week. Domestic agricultural prices, however, continued their steady advance and are now 35.1 percent above the August 1939 level.

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. April 30, 1941

Those commentators who have been strongly opposed to convoying do not, in the main, favor patrols either, and those who have been advocates of convoying welcome the patrol system as "a step in the right direction." This last group appears to feel, however, that even more positive action should be taken to safeguard Lease-Lend materials, even at the risk of combat. Between these two fairly militant groups, the first small, the second much larger, stands another made up of writers who have all along avoided direct discussion of the issue, but who, by indirection, seem to approve patrols. For the great majority, therefore, the issue is not whether to protect our materials, but how much risk to take in their protection. This is undoubtedly an important evolutionary stage and it is perhaps significant that it has been arrived at far more quickly and, to all appearances, more easily than was the original policy of all aid short of war.

Criticism has again risen, seemingly because events in the Mediterranean have renewed the feeling of urgency about the progress of defense. The commentators are wholly committed to the belief that defense should come before any other consideration, before business-as-usual, before reform and before the interests of any single group. Most believe the nation must become as completely dedicated to defense as a belligerent.

High taxes are recommended but demands for cuts in non-defense expenditures have increased. There is universal satisfaction over the reopening of the coal mines.

TABULAR SUMMARY

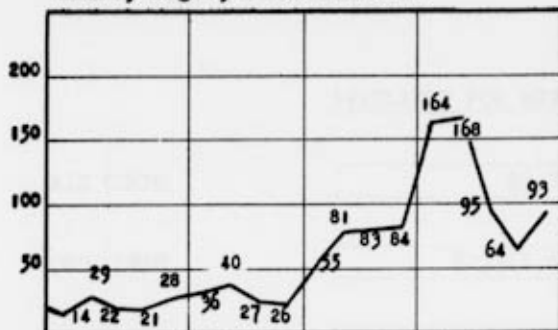
GENERAL CRITICISM		Tallies	AID FOR BRITAIN		HOURS, WAGES, LABOR	
Govt. economic policy	12		For patrol	1	Strikes must stop	23
Govt. labor policy	16		Patrol not enough	5	Coal strike must stop	37
Department of Labor	15		Patrol half measure	4	Labor is profiteering	2
Govt. leadership	26		Against patrol	1	Leadership to blame	3
Poor organization	12		Consult Congress	1	Gangs control unions	1
Slow defense progress	23		For convoying	8	Too many union drives	4
Slow aid progress	2		Against convoying	1	NLRB encourages strikes	1
Too much goes abroad	5		Consult Congress	2	Voluntary method failing	1
			Save purchasing power	1	Forbid defense strikes	2
GENERAL COMMENDATION			Send foreign ships	1	Against anti-strike law	1
Govt. leadership	3		We must save Britain	3	For Vinson Bill	1
Mediation Board	4		All possible aid	14	Vinson Bill too drastic	1
Treasury fiscal policy	1				Modify Vinson Bill	1
			ECONOMICS, INFLATION		For "cooling off" law	8
TREND TOWARD WAR			For high taxes	12	Extend anti-trust laws	1
We are trending	3		For broader base	6	Skilled labor lack	1
Govt. wants war	3		For lower exemptions	2	Wages rising too fast	1
We must decide	1		For sales tax	3		
Convoying means war	1		Other tax plans	11	LACK OF FACTS	10
Convoys won't mean war	1		Cut Govt. spending	19	GOVT. AND BUSINESS	1
Patrol may mean war	2		Inflation and curbs	27	ORGANIZATION PROBLEMS	17
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Editorial Comment

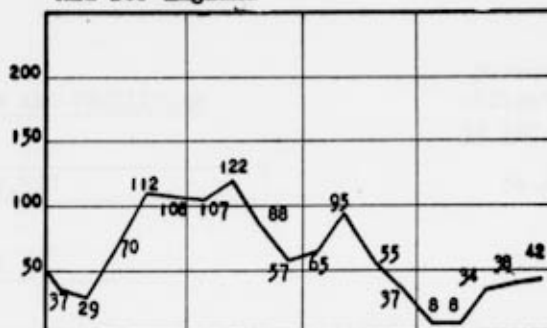
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

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

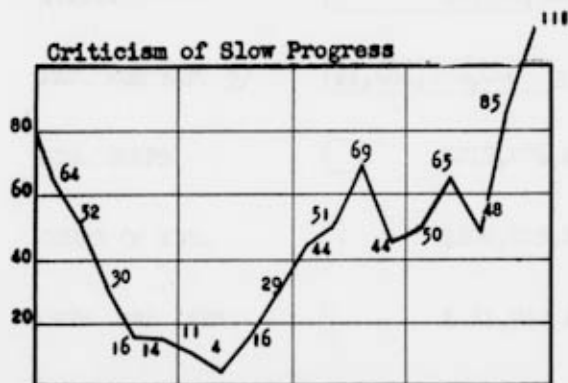
Hours, Wages, Labor Problems



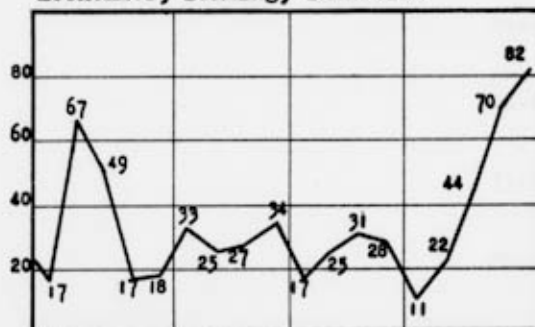
Aid for England



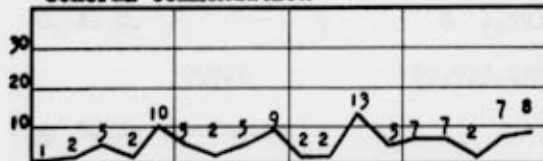
Criticism of Slow Progress



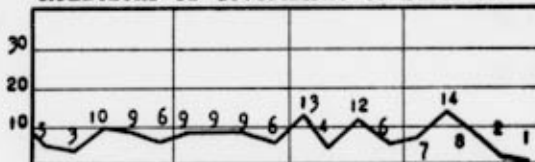
Economics, Banking, Inflation



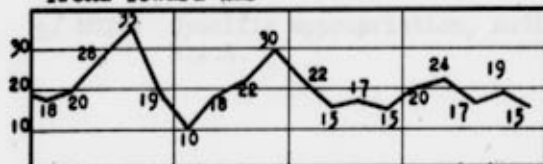
General Commendation



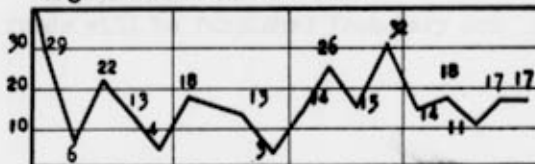
Relations of Government to Business



Trend Toward War



Organization for Defense



COMMITMENTS FOR MUNITIONS AND FACILITIES

The War Department has placed 60.0 percent of approximately eleven billion dollars worth of business.

Source of Information: Weekly Progress Report, OUSW, May 1, 1941

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to Apr. 30</u>
AIR CORPS	\$3,717,519,528	58.1
ORD. DEPT.	\$2,741,659,091 a/	72.3
Q.M.C.	\$2,596,342,802	49.2
FAC. FOR EXP. b/	\$1,464,286,000 c/	55.7
SIG. CORPS	\$217,274,460	75.4
CORPS OF ENG.	\$100,015,200	75.8
CHEM. WAR. SER.	\$ 51,943,483	86.0
MED. DEPT.	\$ 42,851,671	98.4
C. A. C.	\$ 1,593,889 a/	76.0
TOTAL	10,933,486,124	60.0

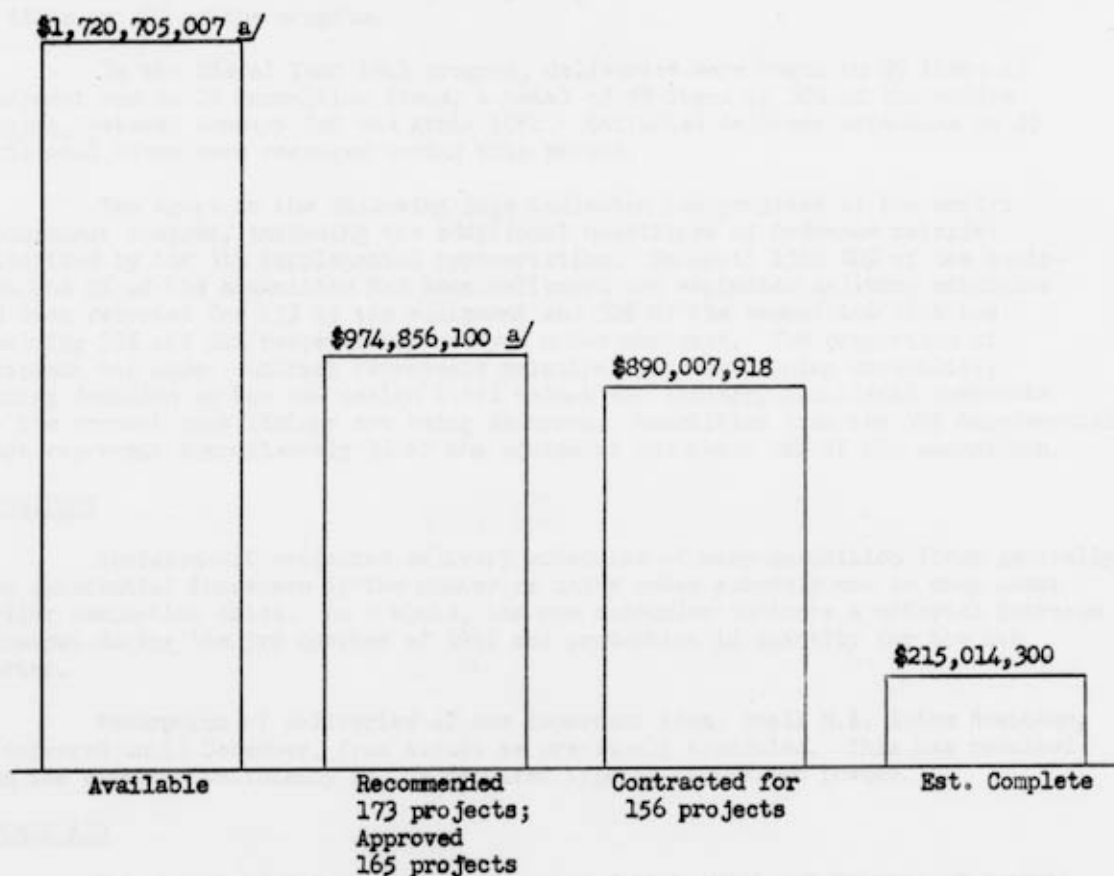
a/ NOTE: Tentative

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.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - APRIL 26, 1941

Source of Information: Construction Division Report, April 26, 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 3, 1941

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

GENERAL

Deliveries on 41 or 23% of the items in the Fiscal Year 1940 program were completed between January 1st and April 15th, making 88 items or 49% of the entire program complete on the latter date. Virtually the entire program has been under contract and under schedule since January 1st, but deliveries have not yet begun on 35 items or 20% of the program.

In the Fiscal Year 1941 program, deliveries were begun on 29 items of equipment and on 28 ammunition items, a total of 57 items or 20% of the entire program, between January 1st and April 15th. Estimated delivery schedules on 25 additional items were received during this period.

The chart on the following page indicates the progress of the entire procurement program, including the additional quantities of Ordnance materiel authorized by the 5th Supplemental appropriation. On April 15th 20% of the equipment and 8% of the ammunition had been delivered and estimated delivery schedules had been reported for 43% of the equipment and 30% of the ammunition with the remaining 37% and 54% respectively not yet under contract. The proportion of equipment not under contract represents principally helmet lining assemblies; pending decision on the new design steel helmet and linings, additional contracts for the present type linings are being deferred. Quantities from the 5th Supplemental funds represent approximately 9% of the equipment and about 36% of the ammunition.

AMMUNITION

Revisions of estimated delivery schedules of many ammunition items generally show substantial increases in the number of units under schedule and in many cases earlier completion dates. As a whole, the new schedules indicate a material increase in output during the 3rd quarter of 1941 and production in quantity for the 4th quarter.

Resumption of deliveries of one important item, Shell H.E. 105mm Howitzer, is deferred until December, from August as previously scheduled. This has resulted from the expected deficiency in the required type of propellant powder.

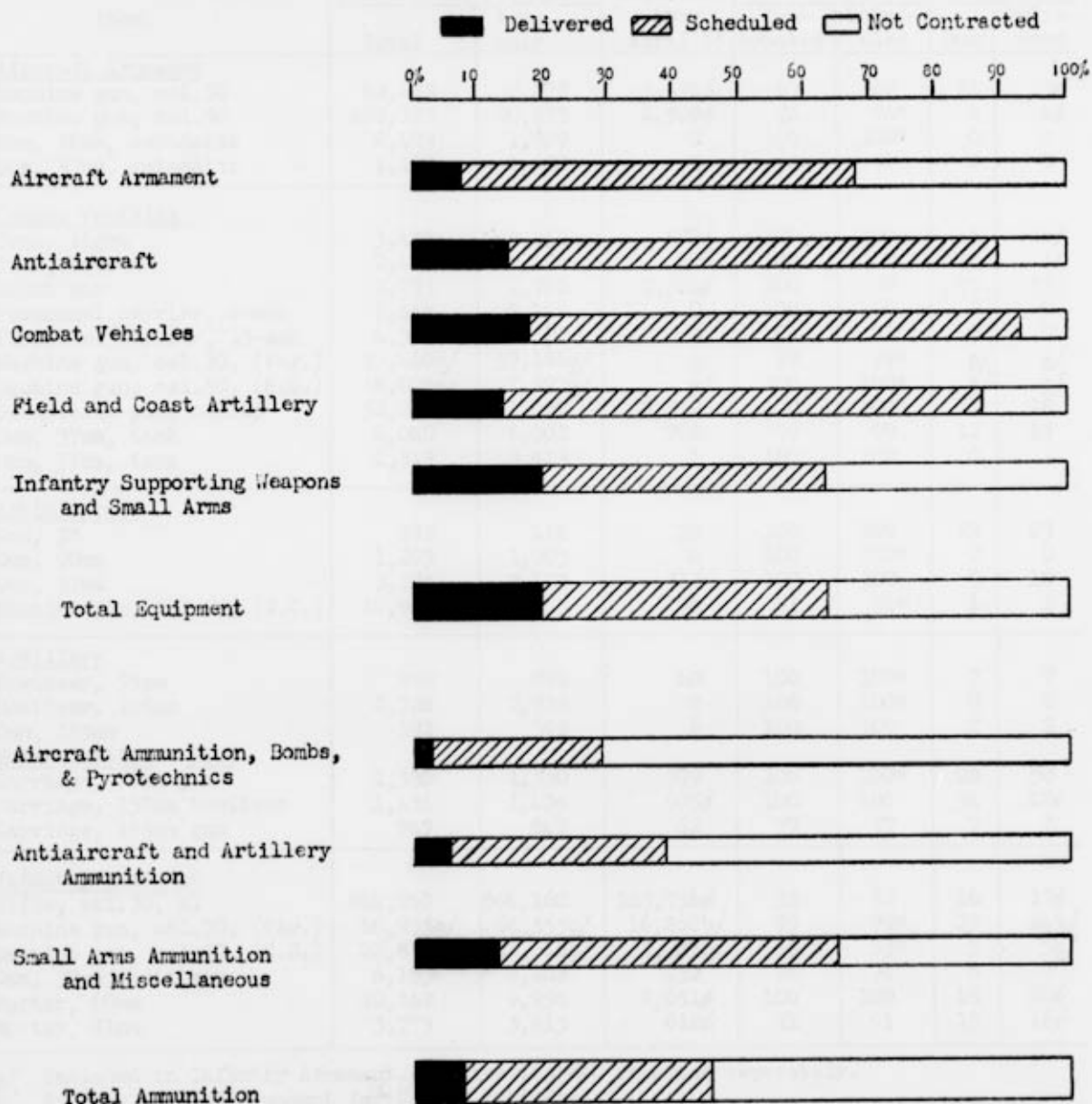
DEFENSE AID

The amount of Defense Aid funds covered by conditional letters of intent and letter contracts issued by the Ordnance Department for ordnance materiel was \$118,463,912 on April 30th, or 13.6% of the \$870,134,113 allotted as of that date. The balance of funds which may be authorized for procurement of Ordnance supplies is \$437,360,470.

ORDNANCE - PROCUREMENT PROGRESS - APRIL 15, 1941

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

Total Program (Includes 5th Supplemental approved April 5, 1941)



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		Contracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>							
Machine gun, cal.30	42,648	38,272	5,574 ^g	67	67	11	13 ^g
Machine gun, cal.50	109,173	90,533	4,509 ^g	74	74*	4	4 ^g
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	473 ^g	100	100	15	14 ^g
Tank, medium	2,496	2,496	37 ^g	100	100	3	1 ^g
Scout car	2,733	2,701	2,324 ^g	100	99	75	85 ^g
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	605 ^g	100	100	34	42 ^g
Carriage, 155mm gun	847	847	62	77	77	7	7
<u>Infantry Armament</u>							
Rifle, cal.30, M1	864,260	864,160	143,736 ^g	52	52	16	17 ^g
Machine gun, cal.30, (Var.)	68,935 ^{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	2,051 ^g	100	100	18	20 ^g
Mortar, 81mm	3,773	3,613	612 ^g	91	91	15	16 ^g

^{a/} Included in Infantry Armament. Deliveries not reported separately.

^{b/} Figures include Armament for Combat Vehicles.

^g Delivered thru April 23.

* Partly tentative.

ORDNANCE DELIVERIES - ITEMS 25% OR MORE, AHEAD AND BEHIND SCHEDULES - APRIL 15, 1941

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

Item	Number Due	Number Delivered	% BEHIND 100	% AHEAD 0 100
<u>Combat Vehicles</u>				
Carrier, personnel, 8-man, M2	87	0		
Tank, light, M3	128	43		
Tank, medium, M2A1	67	33		
Engine, medium tank, M3	104	73		
Mount comb., medium tank, M2A1	32	75		
Mount comb., light tank, M3	38	13		
Gun, 37mm, tank, M6	0	3		
Telescope, M5A1	2,614	1,114		
Gun, 75mm, tank, T7	0	1		
Tractor, medium, M1	671	443		
Truck, wrecking, M1	68	7		
<u>Antiaircraft</u>				
Setter, fuze, T15	27	16		
Height finder, M1 & M2	15	40		
Tester, stereoscopic, M1A1	342	230		
<u>Coast Artillery</u>				
Gun, 8" railway	11	0		
Inst., azimuth, M1910A1	118	8		
Board, deflection, M1	9	20		
Board, fire adjustment, M1	45	64		
Finder, depression position	20	14		
<u>Field Artillery</u>				
Caisson, 75mm howitzer, field	694	448		
Gun, 155mm, M1	8	6		
Board, plotting, M1	15	0		
Board, plotting, M5	15	0		
Corrector, sound ranging, M1	12	0		
<u>Infantry Armament</u>				
Rifle, cal.30, M1918A2	2,648	3,585		
Submachine gun, cal.45	5,896	9,352		
M.G., cal.30, M1919A4, fixed	2,086	1,364		
Mount, tripod, M1917A1 (new)	850	0		
Hanger, M.G., cal.30, M5	0	152		
Hanger, tripod, cal.30, M3	0	276		
Hanger, M.G., cal.30, M3	0	765		
Hanger, amm., cal.30, M8	0	468		
Mount, truck pedestal, M24	600	0		

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 Number	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					
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	3,789	491	13					
Tank, medium	1,728	49	3					
Scout car	2,681	2,417	90					
Personnel carrier, 8-man	5,524	0	0					
Personnel carrier, 13-man	5,521	0	0					
Machine gun, cal.30 (Var.)	50,322a/	a/	-					
Machine gun, cal.50 (H.B.)	9,161	329	4					
Submachine gun, cal.45	30,906	8,000	26					
Gun, 37mm, tank	5,563	851	15					
Gun, 75mm, tank	1,428	0	0					
<u>Antiaircraft</u>								
Gun, 3"	1,344(	476)	35					
Gun, 90mm	3,083	0)	11					
Gun, 37mm, A.A.	11,066	350	7					
Machine gun, cal.50 (W.C.)		829						
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,289	556	43					
Howitzer, 75mm, field & pack	228	161	71					
Howitzer, 105mm	2,520	20	1					
Gun, 155mm	564	4	1					
Gun, 155mm (H.S.)	903	144	16					
Howitzer, 155mm (H.S.)	1,628	1,060	65					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,973	-					
Gun, 155mm	-	825	-					
Howitzer, 155mm	-	989	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	987,146	158,665	16					
Machine gun, cal.30 (Var.)	79,246	25,058	32					
Machine gun, cal.50 (H.B.)	14,654	1,601	11					
Gun, 37mm, antitank	6,335	602	10					
Mortar, 60mm	6,427	2,100	33					
Mortar, 81mm	3,754	731	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	Percent of total program			
	Total	Army only		Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft & Pyrotechnics</u>							
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
<u>Antiaircraft</u>							
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
<u>Artillery</u>							
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
<u>Infantry</u>							
Cartridge, cal.30	2,551,692	2,447,677	278,760 ^φ	74	74*	10	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	35,936 ^φ	100	100*	5	5 ^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

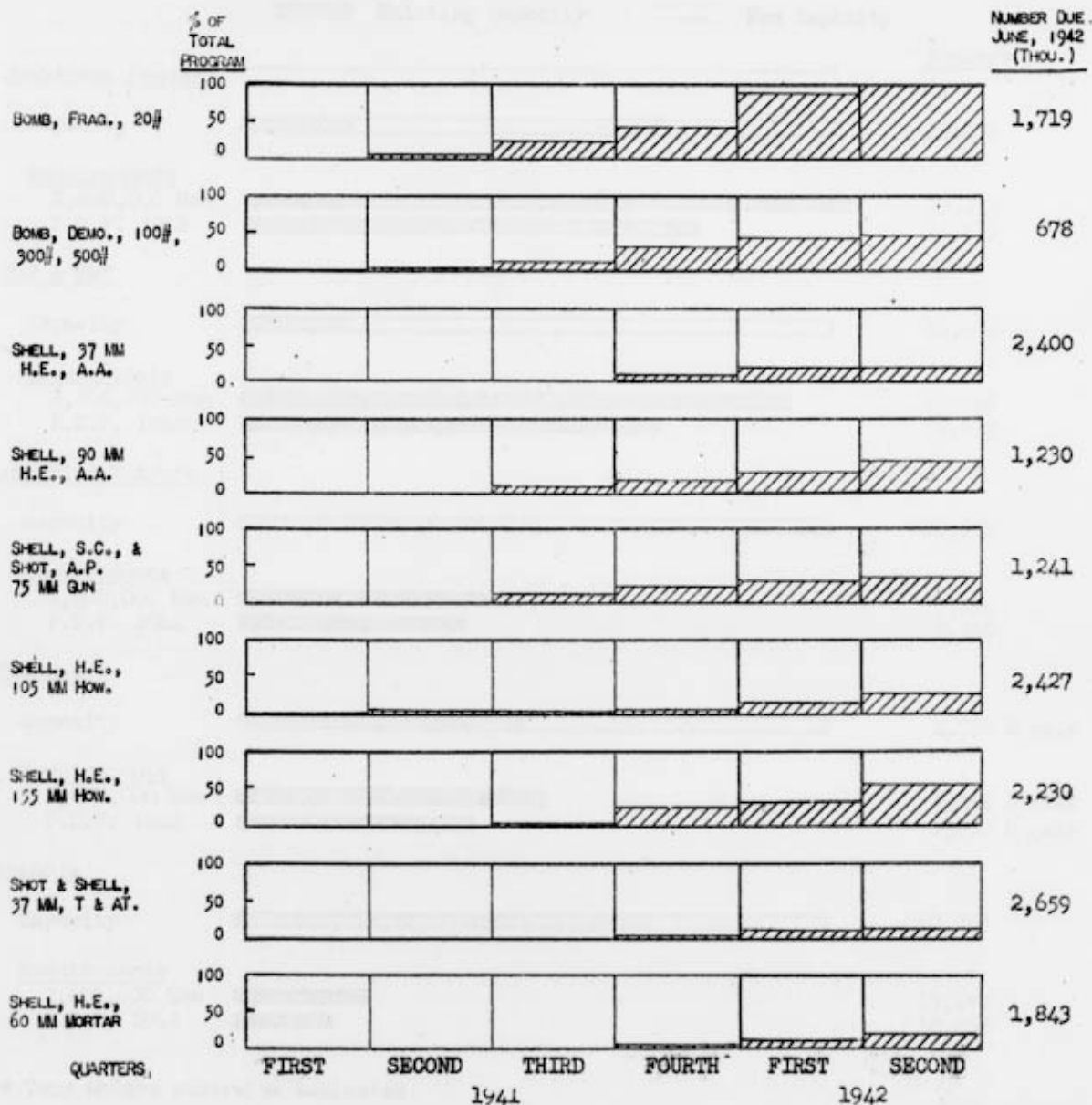
* Partly tentative

^φ Delivered thru April 23.

AMMUNITION - DELIVERIES AND SCHEDULES OF SELECTED ITEMS - APRIL 15, 1941

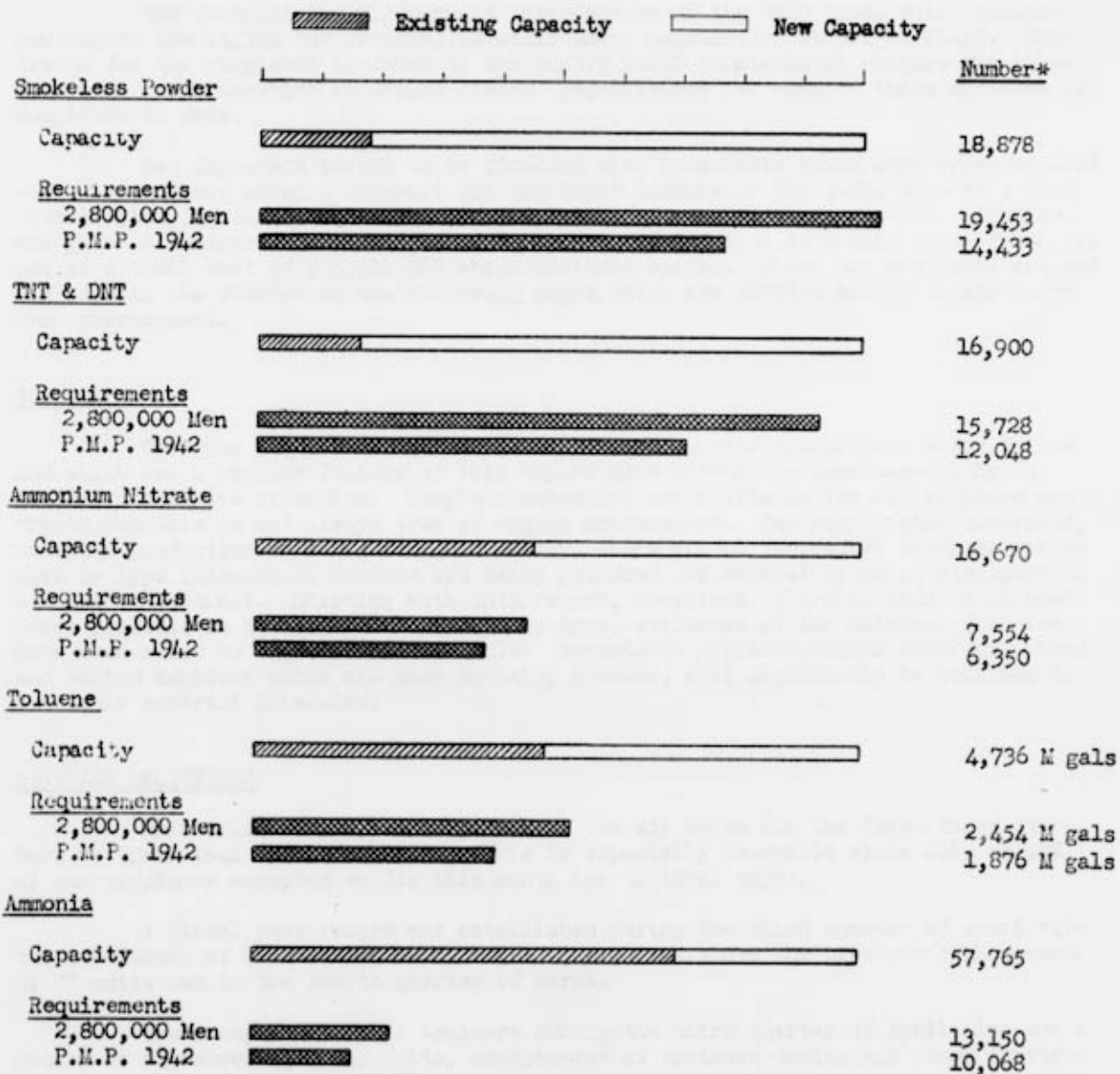
Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM



FACILITIES - CAPACITY AND REQUIREMENTS - APRIL 22, 1941

Source of Information: Industrial Service, Ord. Dept.; & Production Branch, O. U. S. W.



* Tons unless otherwise indicated.

TEXT SUMMARY - AIR CORPS PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

GENERAL

The contract for 312 pursuit interceptors of the P-40 type, which remains pending in the 14,394 "B" Program, is still under negotiation at Wright Field. Contracts for the airplanes included in the 10,375 Fifth Supplemental Program are likewise under consideration at Wright Field. Negotiations for none of these articles are completed to date.

Two important awards to be financed with Lend-Lease Funds were approved last week. Boeing was given a contract for 140 light bombers of the A-20C type at a unit cost of \$102,389 and at a total cost of \$17,201,352 which includes spares. Douglas was given a contract for 375 light bombers of the A-20C type at a unit cost of \$96,714 and at a total cost of \$43,521,300 which includes spares. These two contracts are not included in the studies on the following pages which are devoted solely to Air Corps Army procurement.

SCHEDULES

The four pages of diagrams on airplane and engine procurement which follow and which are a regular feature of this report have heretofore been based only on available contract schedules. Complete schedules are available for all airplane contracts but this is not always true of engine procurement. For many engine contracts, on which production is now getting under way, there are no individual contract schedules by type inasmuch as engines are being procured for several types of airplanes in a combined contract. Starting with this report, therefore, where no individual contract schedule is available for engines by type, estimates of the Materiel Division have been added to the contract schedule. Reports on airplane engine contracts ahead and behind schedule which are made monthly, however, will necessarily be confined to available contract schedules.

AIRPLANE DELIVERIES

Deliveries of project airplanes to the Air Corps for the first three quarters of April 1941 total 535 units. This is especially favorable since 216, or 40%, of the airplanes accepted so far this month are tactical types.

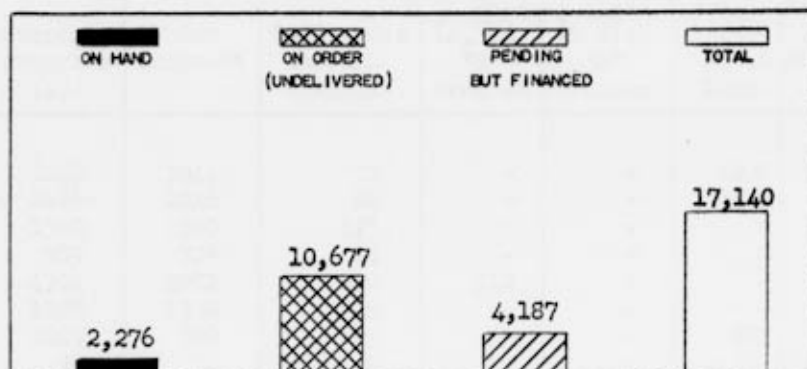
A fiscal year record was established during the third quarter of April with the acceptance of 82 tactical units which is 5 planes above the previous high record of 77 units set in the fourth quarter of March.

The acceptance of 135 trainers during the third quarter of April also set a record as it exceeded, by 15 units, acceptances of trainers during any other quarter-monthly period of the current fiscal year.

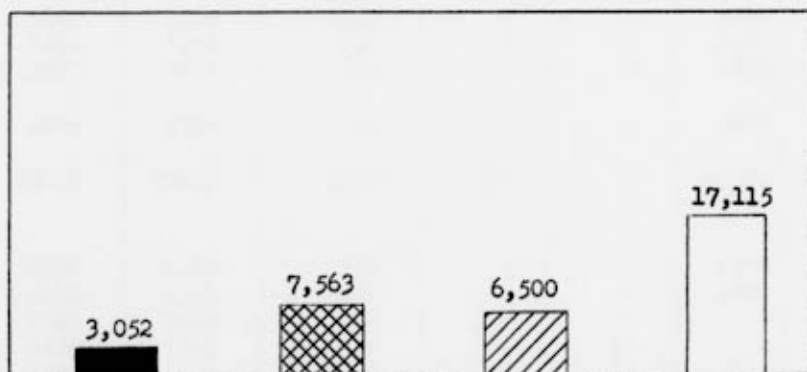
STATUS OF AIRPLANE PROGRAMS - APRIL 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

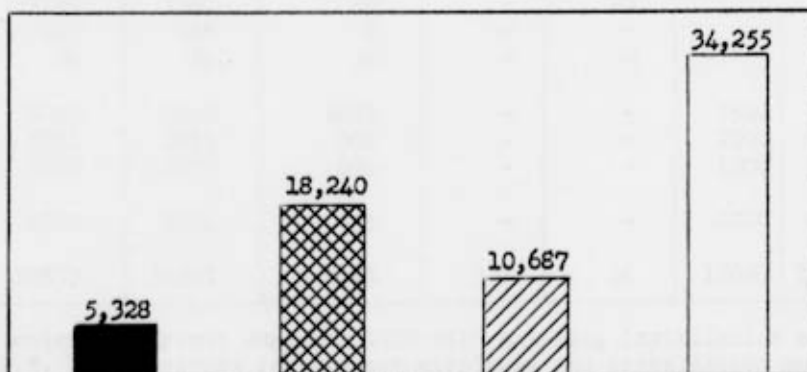
Tactical
Programs



Trainer
Programs



Total
Programs



Note: On hand figures include deliveries against current contracts.

TABULAR SUMMARY - AIR CORPS PROCUREMENT - APRIL 23, 1941

Source of Information: Consolidated Statistical Report - Air Corps

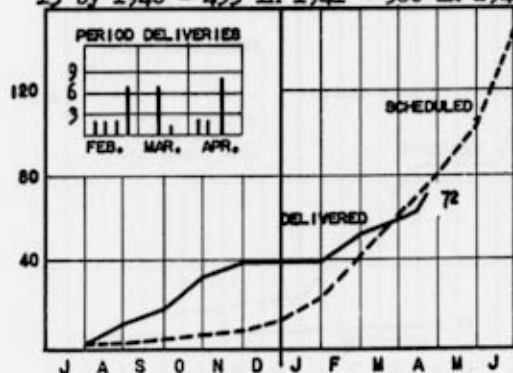
Item	Current programs (a)	Under contract	Deliveries through 4/23/41	Pending (less awards)			Proposed program (b)
				14,394 "B" program	29 Misc. "B" program	10,375 Fifth Supp.	
Airplanes							
Heavy bomber	2246	1046	72	-	-	1200	800
Medium bomber	4616	2216	80	-	-	2400	1200
Light bomber	1390	1390	127	-	-	-	1000
Pursuit fighter	709	709	14	-	-	-	1150
Pursuit interceptor	4394	4082	600	312	-	-	4850
Observation	1308	1308	25	-	-	-	-
Transport	1065	790	23	-	-	275	240
Amphibian	74	74	0	-	-	-	-
Reconnaissance	17	17	14	-	-	-	-
Primary trainer	5040	3540	1303	-	-	1500	900
Basic trainer	5051	3051	716	-	-	2000	900
Advance trainer	3297	2297	364	-	-	1000	360
1 engine							
Advance trainer	3082	1082	24	-	-	2000	600
2 engine							
Grand Total	32289	21602	3362	312	-	10375	12000
Engines							
Heavy bomber	8988	4188	730	-	-	4800	3200
Medium bomber	9232	4432	427	-	-	4800	2400
Light bomber	2592	2492	428	100	-	-	2000
Pursuit fighter	1420	1394	48	-	26	-	2300
Pursuit interceptor	4394	4340	658	54	-	-	4850
Observation	2083	1901	349	182	-	-	-
Transport	2130	1560	60	-	20	550	480
Amphibian	148	148	0	-	-	-	-
Reconnaissance	34	34	34	-	-	-	-
Primary trainer	5040	3540	1681	-	-	1500	900
Basic trainer	5051	3051	961	-	-	2000	900
Advance trainer	3297	2297	691	-	-	1000	360
1 engine							
Advance trainer	6164	2164	555	-	-	4000	1200
2 engine							
Grand Total	50573	31541	6622	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

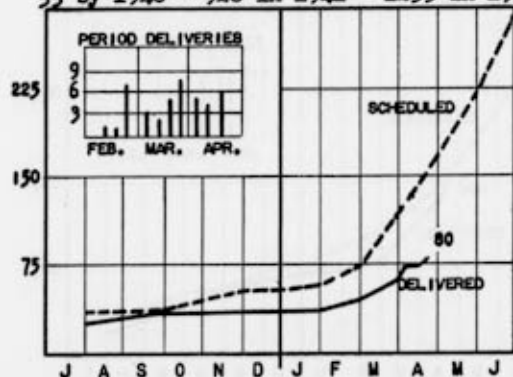
1046 HEAVY BOMBERS

13 by 1940 - 453 in 1941 - 580 in 1942



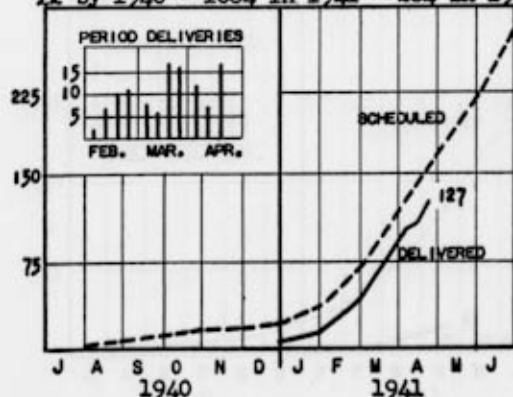
2216 MEDIUM BOMBERS

55 by 1940 - 926 in 1941 - 1235 in 1942



1390 LIGHT BOMBERS

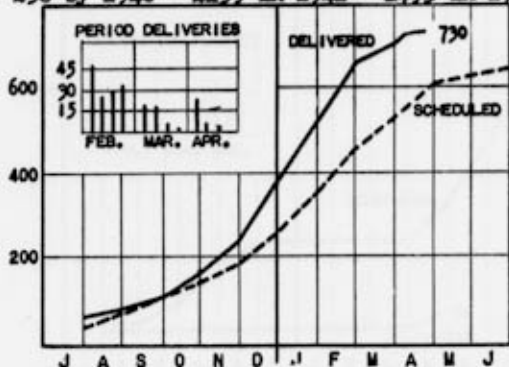
22 by 1940 - 1084 in 1941 - 284 in 1942



ENGINES

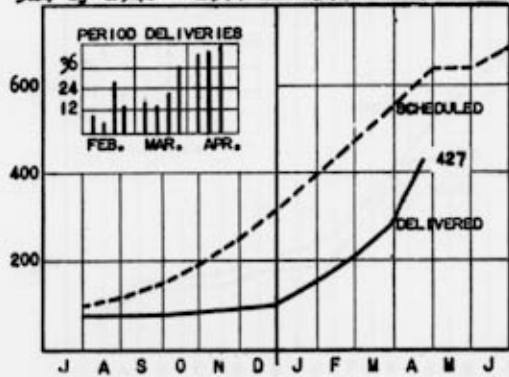
4188 HEAVY BOMBERS

256 by 1940 - 2159 in 1941 - 1773 in 1942



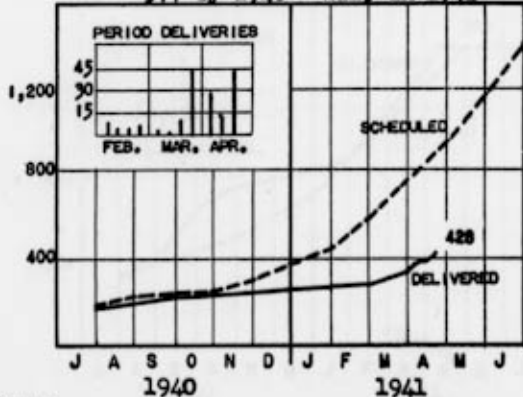
4432 MEDIUM BOMBERS

314 by 1940 - 1977 in 1941 - 2141 in 1942



2492 LIGHT BOMBERS

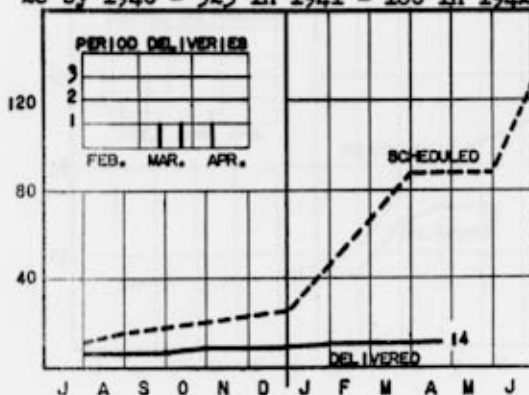
377 by 1940 - 2115 in 1941



AIRPLANES

709 PURSUIT FIGHTER

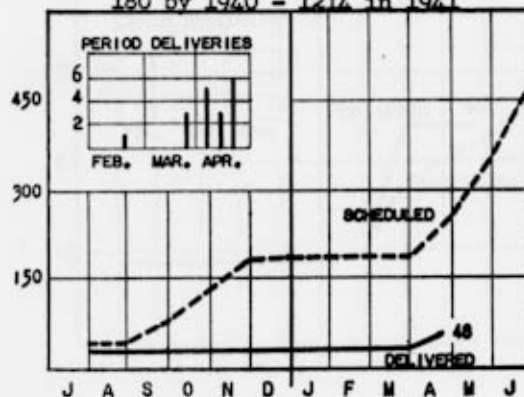
26 by 1940 - 523 in 1941 - 160 in 1942



ENGINES

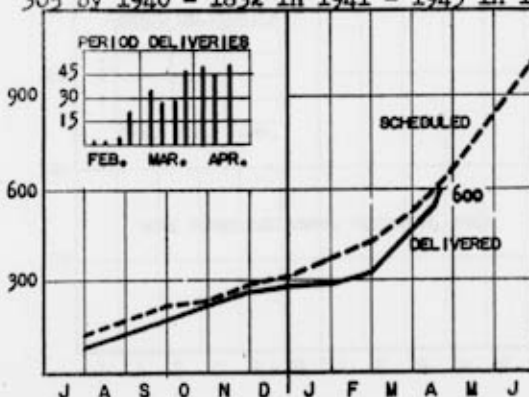
1394 PURSUIT FIGHTER

180 by 1940 - 1214 in 1941



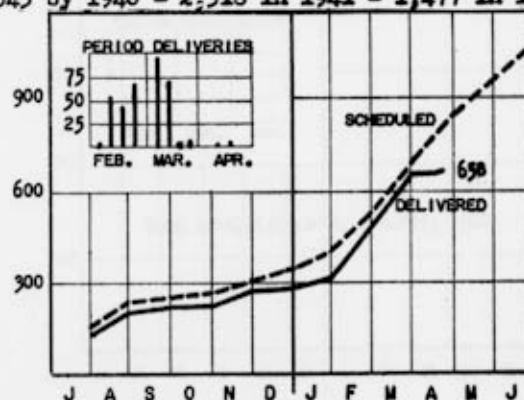
4082 PURSUIT INTERCEPTOR

305 by 1940 - 1832 in 1941 - 1945 in 1942



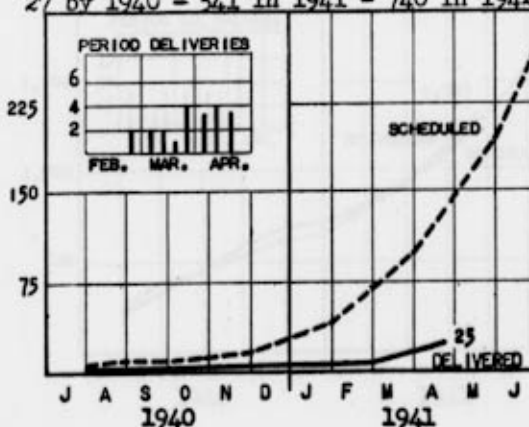
4340 PURSUIT INTERCEPTOR

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



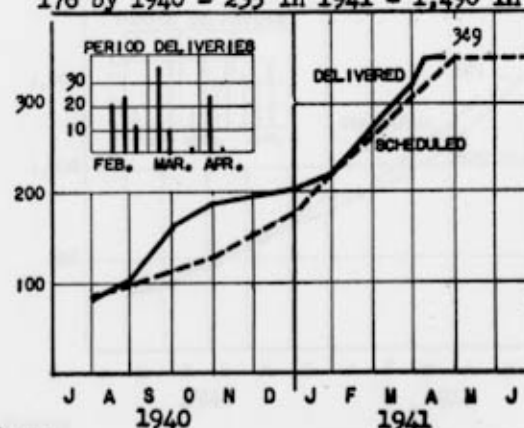
1308 OBSERVATION

27 by 1940 - 541 in 1941 - 740 in 1942



1901 OBSERVATION

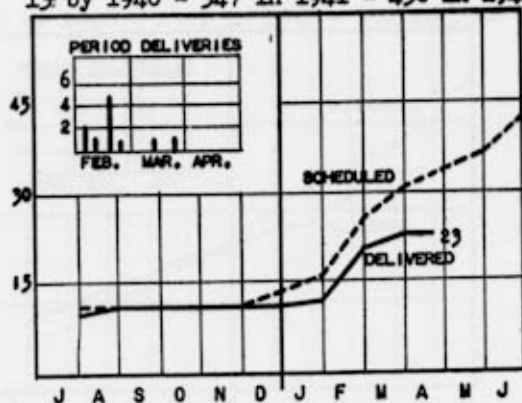
176 by 1940 - 235 in 1941 - 1,490 in 1942



AIRPLANES

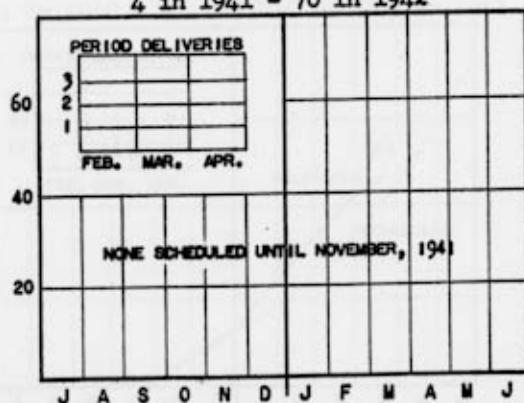
790 TRANSPORT

13 by 1940 - 347 in 1941 - 430 in 1942



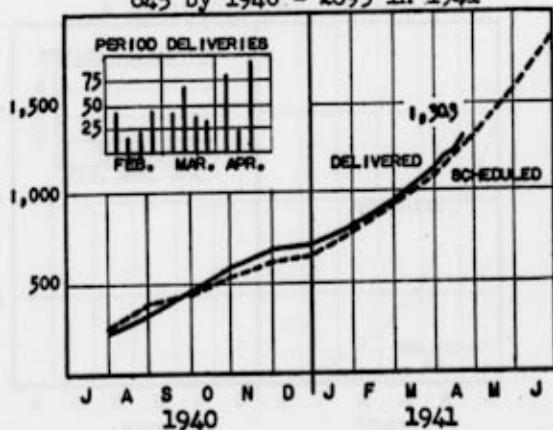
74 AMPHIBIAN

4 in 1941 - 70 in 1942



3540 PRIMARY TRAINER

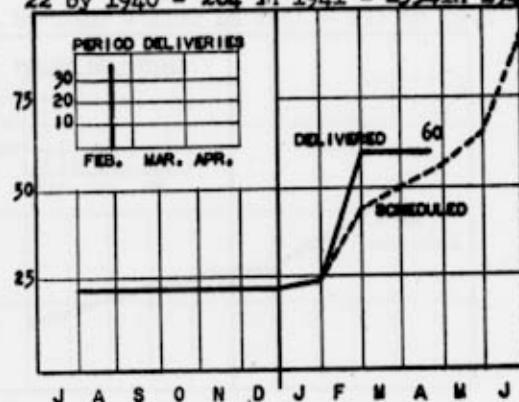
645 by 1940 - 2895 in 1941



ENGINES

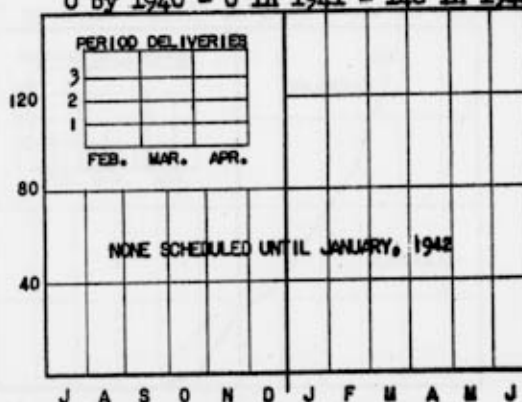
1560 TRANSPORT

22 by 1940 - 204 in 1941 - 1334 in 1942



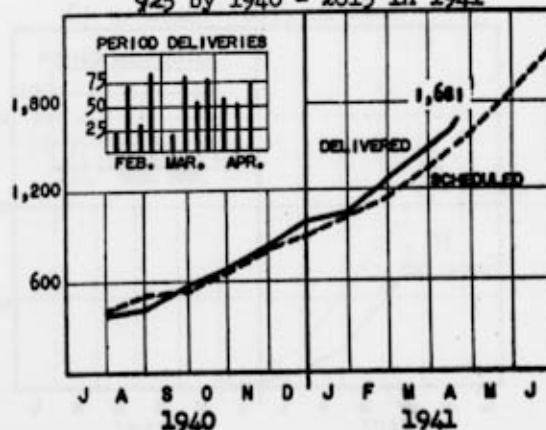
148 AMPHIBIAN

0 by 1940 - 0 in 1941 - 148 in 1942



3540 PRIMARY TRAINER

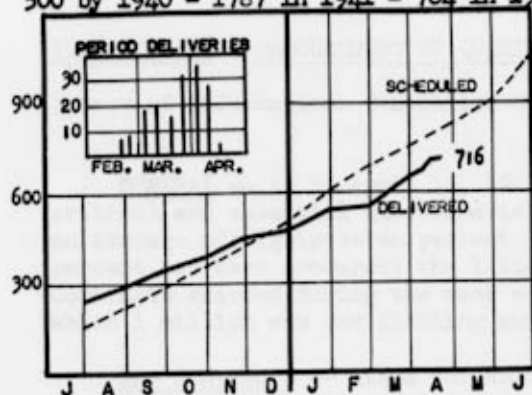
925 by 1940 - 2615 in 1941



AIRPLANES

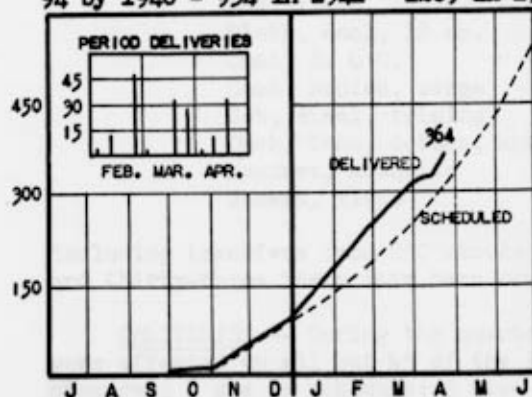
3051 BASIC TRAINER

500 by 1940 - 1787 in 1941 - 764 in 1942



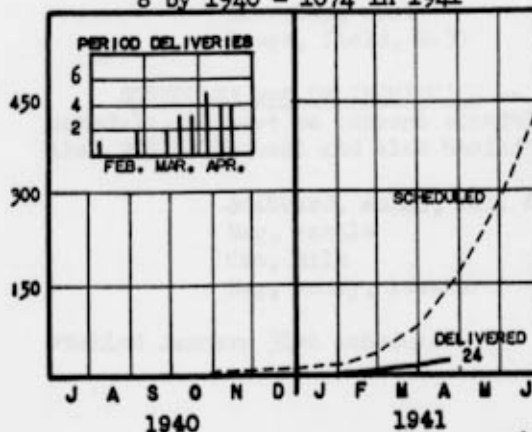
2297 ADVANCE TRAINER, 1 ENGINE

94 by 1940 - 934 in 1941 - 1269 in 1942



1082 ADVANCE TRAINER, 2 ENGINE

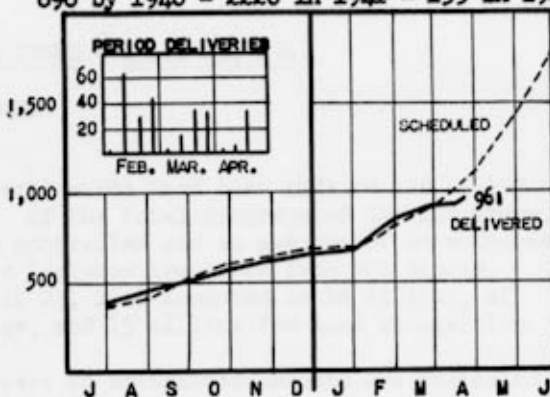
8 by 1940 - 1074 in 1941



ENGINES

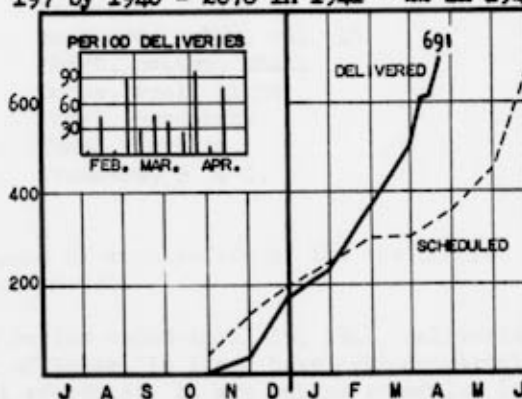
3051 BASIC TRAINER

696 by 1940 - 2220 in 1941 - 135 in 1942



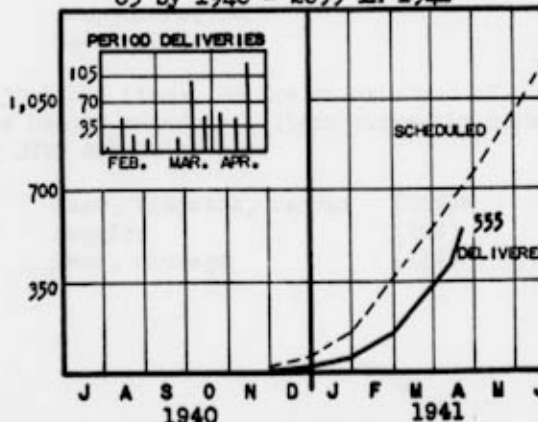
2297 ADVANCE TRAINER, 1 ENGINE

197 by 1940 - 2078 in 1941 - 22 in 1942



2164 ADVANCE TRAINER, 2 ENGINE

65 by 1940 - 2099 in 1941



TEXT SUMMARY -- PROCUREMENT OF QUARTERMASTER ITEMS - April 23, 1941

Source of Information: Statistics Branch, OCMG

GENERAL -- As of April 15, 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 eighty-seven percent has been contracted and an average of seventy-one percent has been procured; the latter figure includes transfers from CCC stocks. Contracts awarded during the week ended April 23, 1941 amounted to 18 million, of which 1 million was for clothing and equipage, and 15 million for land acquisition.

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

Apron, B. & C.	Netting, mosquito
Bag, field, canvas, o.d.	Raincoat
Cloth, wool, 18 oz.	Scabbard, subMG, cal. 45
Coat, B. & C.	Shirt, cotton, khaki
Coat, woolen, serge	Socks, wool, light
Cot, steel, folding	Towel, hand-huck
Duck, tent, cotton, khaki	Towel, turkish
Headnet, mosquito	Trousers, B. & C.
Jacket, field	

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

DELIVERIES -- During the quarter-monthly period ended April 15, 1941, deliveries were effected on all but 45 of the 133 items; of these, 16 items have been completely procured; 6 are on schedule; 9 have no current schedules; 14 are behind schedule, including the following critical items:

Belt, cartridge, dismtd.	Saddle, Phillips, cargo
Breeches, wool	Suspenders, belt
Range, field, M-37	Tent, storage

SCHEDULES and DELINQUENCIES -- Of the 133 basic items, 83 are on or ahead of schedule; 10 have no current schedule; 42 are behind schedule. Items currently more than 20% delinquent and also behind February 28th schedules are:

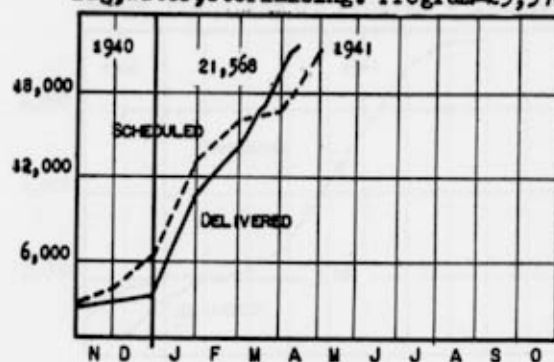
Scabbard, subMG, cal. 45	(40%)	Case, dispatch, canvas	(28%)*
Bag, cante	(38%)*	Goggles	(26%)
Can, milk	(36%)	Tent, storage	(21%)
Bag, money, leather	(30%)		

*Behind January 31st schedules.

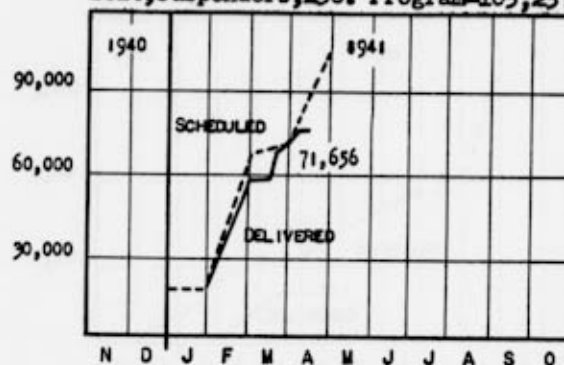
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 15, 1941

Source of Information: Statistics Branch, QMG

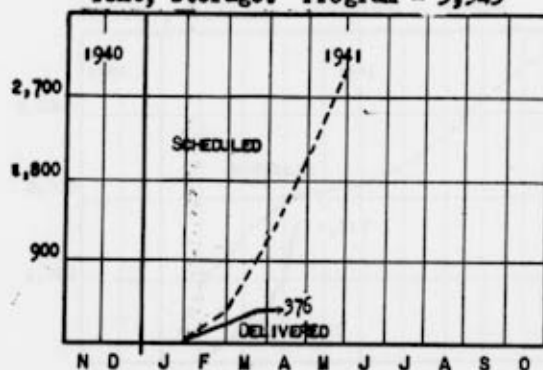
Bag, water, sterilising. Program-25,576



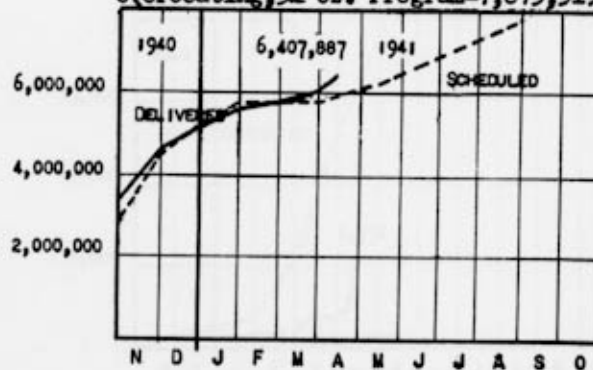
Belt, suspenders, M36. Program-105,257



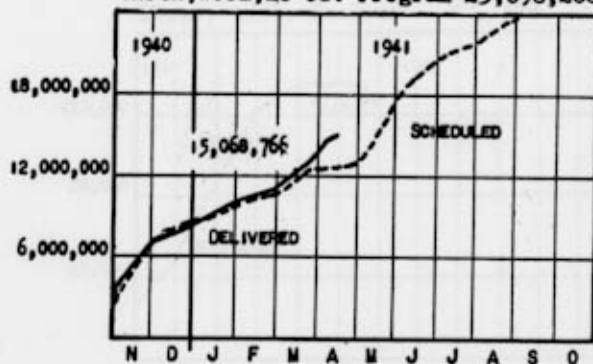
Tent, storage. Program - 3,543



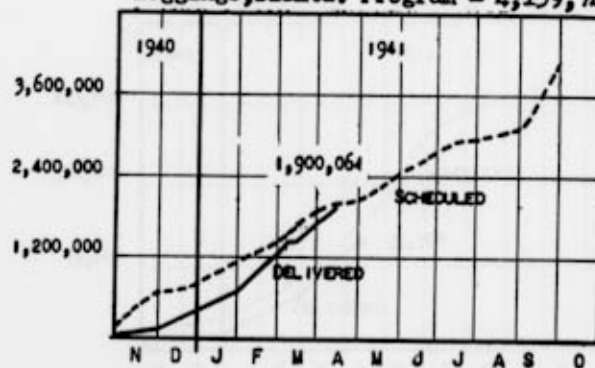
Overcoating, 32 oz. Program-7,873,319



Cloth, wool, 18 oz. Program-23,698,266



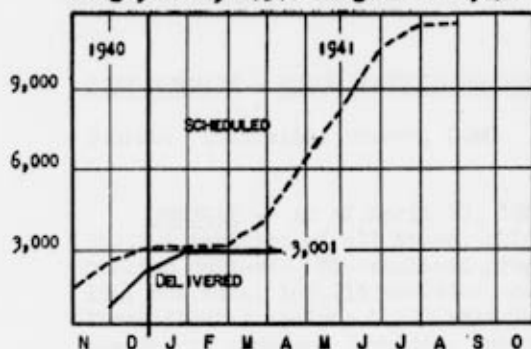
Leggings, Dismt'd. Program - 4,139,743



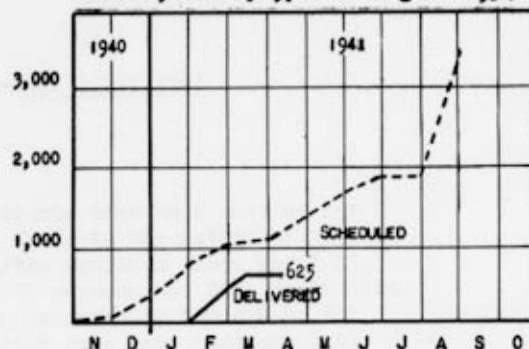
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - APRIL 15, 1941

Source of Information: Statistics Branch, QMG

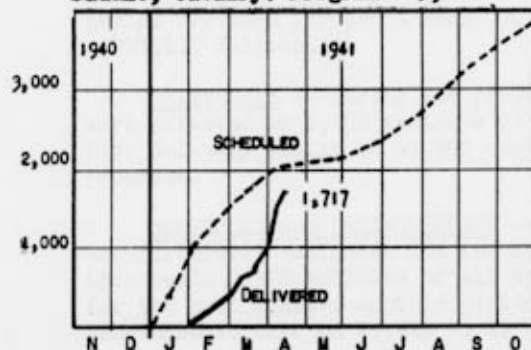
Range, field, M1937. Program - 11,438



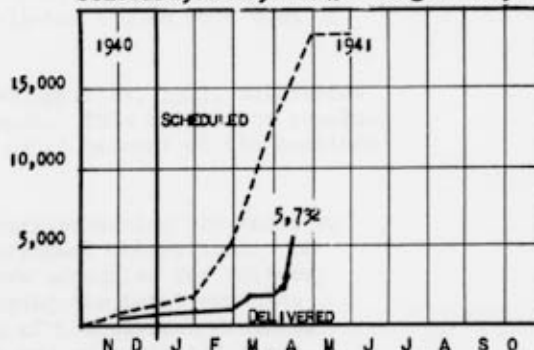
Saddle, Phillips, pack. Program-2,348



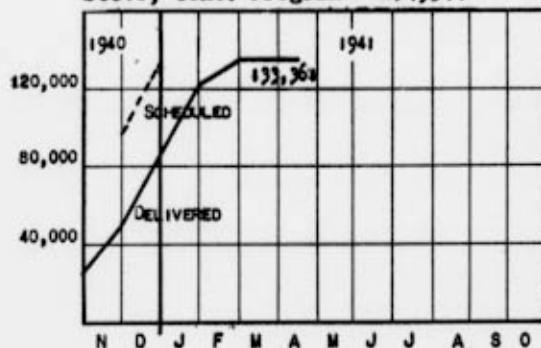
Saddle, Cavalry. Program - 5,828



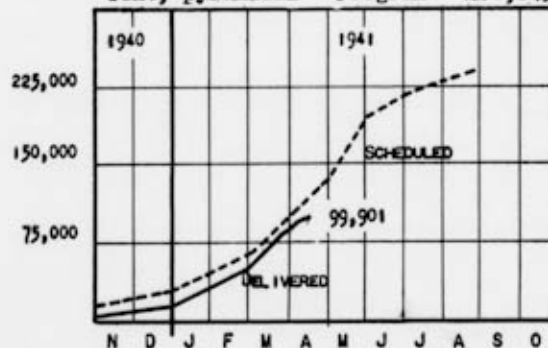
Scabbard, subMG, cal. 45. Program-18,244



Stove, tent. Program - 294,379



Tent, pyramidal. Program - 280,845



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - April 23, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of April 23, 1941, contracts have been awarded for 167,205 vehicles of all types, obligating funds to the extent of 219 million dollars. The combined programs after revision since April 15, 1941 now total 169,115 vehicles, of which 99 percent has been contracted. These figures include 7,333 vehicles being procured by the Q.M.C. for the Supply Arms and Services; funds for which have been made available by the branch requesting their procurement.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provided for procurement of 2,985 $1\frac{1}{2}$ -ton trucks at a cost of 4,291,617 dollars.

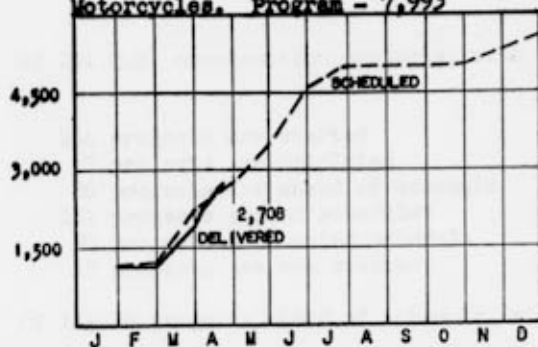
DELIVERIES --- During the period ended April 23, 1941, deliveries were effected on 4,102 vehicles of all types. This brings the cumulative delivery figure to 69,890 vehicles, or 41 percent of the combined programs.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis 6,372 vehicles of all types were scheduled for delivery for the past quarter-monthly period, bringing the total vehicles scheduled to date to 79,722 or 47 percent of the current proposed procurement. In general, delinquencies based on estimated schedules are not confined to any specific type. A tabulation of all delinquencies indicates that 16 out of a total of 37 manufacturers are currently delinquent on some types.

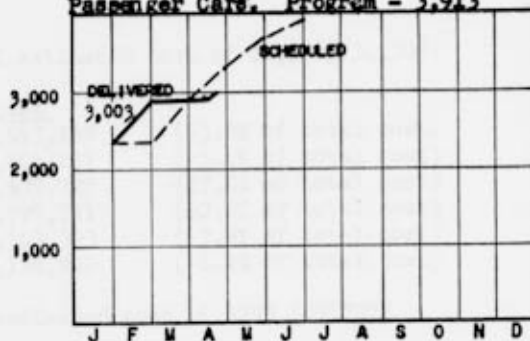
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - APRIL 23, 1941

Source of Information: Statistics Branch, QMG

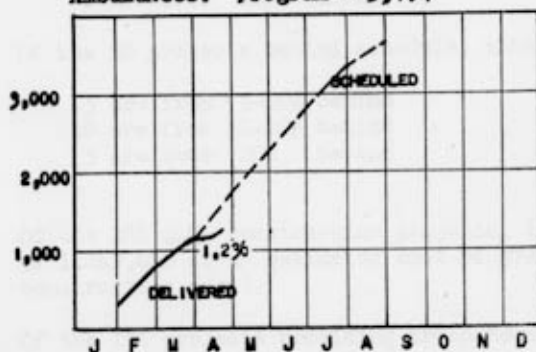
Motorcycles. Program - 7,993



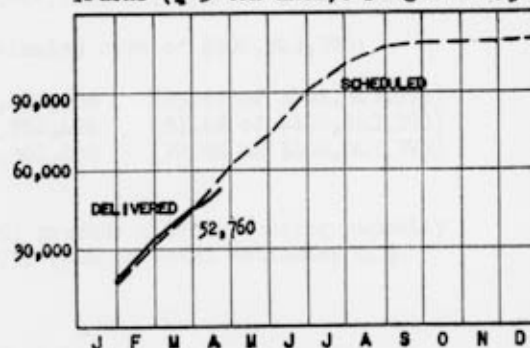
Passenger Cars. Program - 3,913



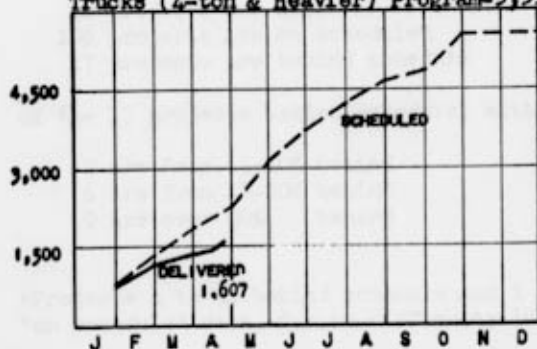
Ambulances. Program - 3,794



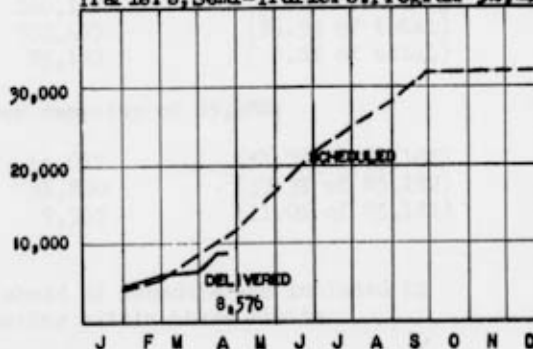
Trucks (1/2-3 ton incl). Program-115,194



Trucks (4-ton & Heavier) Program-5,550



Trailers, Semi-Trailers, Program-32,132



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - April 12, 1941

Source: Statistics Branch, QMG - O.U.S.W.

Of 281 Q.M. construction projects, with a total estimated cost of \$1,310,734,108:

	<u>Cost</u>	
264 projects are started	\$1,229,595,188	(93.8% of total cost)
57 projects are completed	70,946,297	(5.4% of total cost)
26 projects are ahead of schedule	233,507,727	(17.8% of total cost)
151 projects are on schedule*	822,797,771	(62.8% of total cost)
30 projects are behind schedule	102,343,393	(7.8% of total cost)
17 projects are not started	81,138,920	(6.2% of total cost)

Of the 26 projects ahead of schedule, with an estimated cost of \$233,507,727:

13 are from 5-10% ahead	\$103,645,901	(44.4% of \$233,507,727)
11 are from 11-20% ahead	111,215,316	(47.6% of \$233,507,727)
2 are over 20% ahead	18,646,510	(8.0% of \$233,507,727)

Of the 30 projects behind schedule, with an estimated cost of \$102,343,393:

15 are from 5-10% behind	\$26,420,298	(25.8% of \$102,343,393)
10 are from 11-20% behind	52,561,426	(51.4% of \$102,343,393)
5 are over 20% behind	23,361,669	(22.8% of \$102,343,393)

Of the 281 Q.M. construction projects, 194 (69%) provide a troop housing capacity of 1,249,018 at an estimated cost of \$789,387,790 (60% of total estimated Q.M. construction cost).

Of the 194 projects providing troop housing:

	<u>Capacity</u>	
194 projects are started	1,249,018	(100% of total)
53 projects are completed	195,253	(15.6% of total)
18 projects are ahead of schedule	266,116	(21.3% of total)
106 projects are on schedule*	702,467	(56.3% of total)
17 projects are behind schedule	85,182	(6.8% of total)

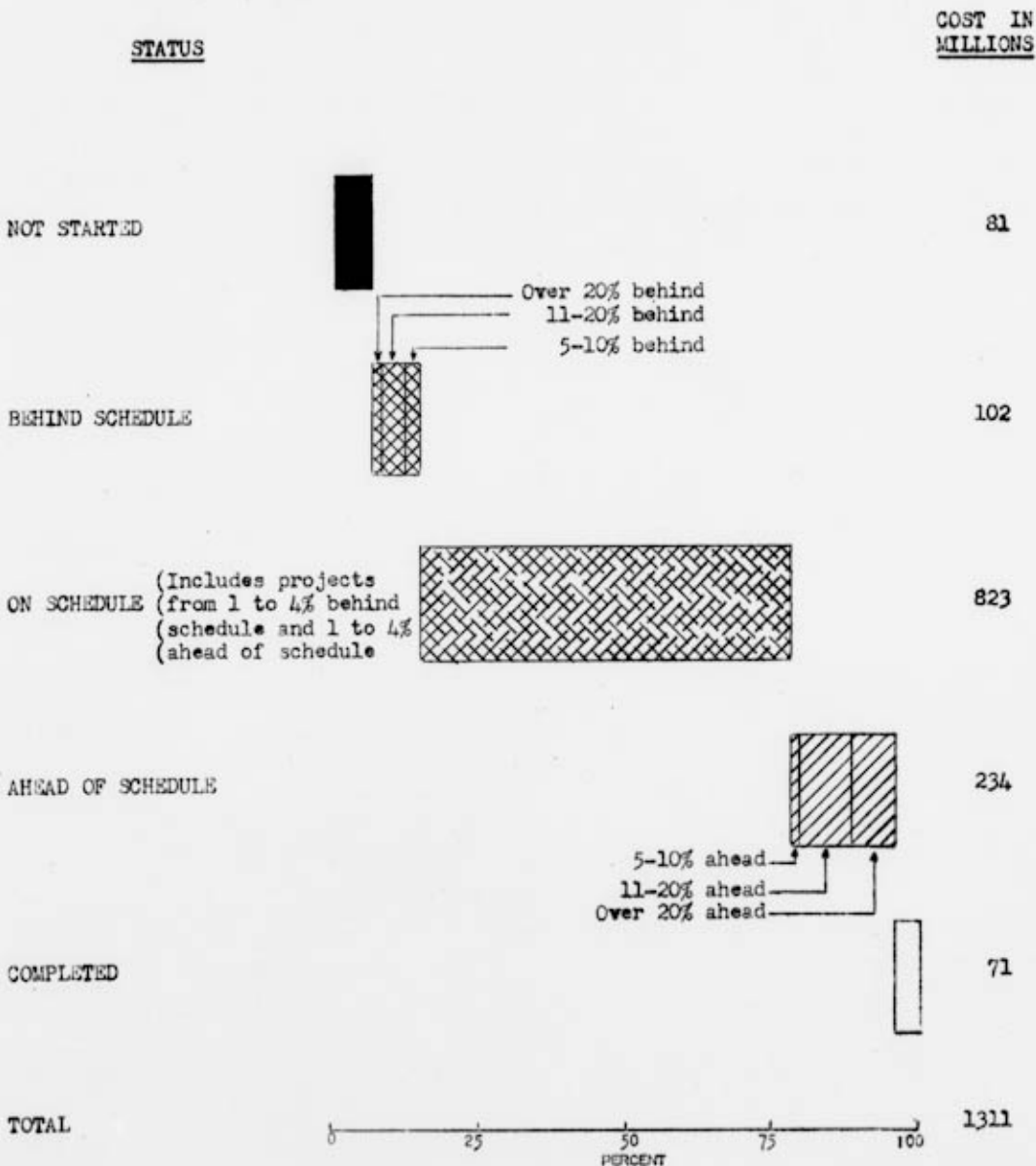
Of the 17 projects behind schedule, with a troop capacity of 85,182:

9 are from 5-10% behind	44,017	(51.7% of 85,182)
6 are from 11-20% behind	31,800	(37.3% of 85,182)
2 are over 20% behind	9,365	(11.0% of 85,182)

*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.

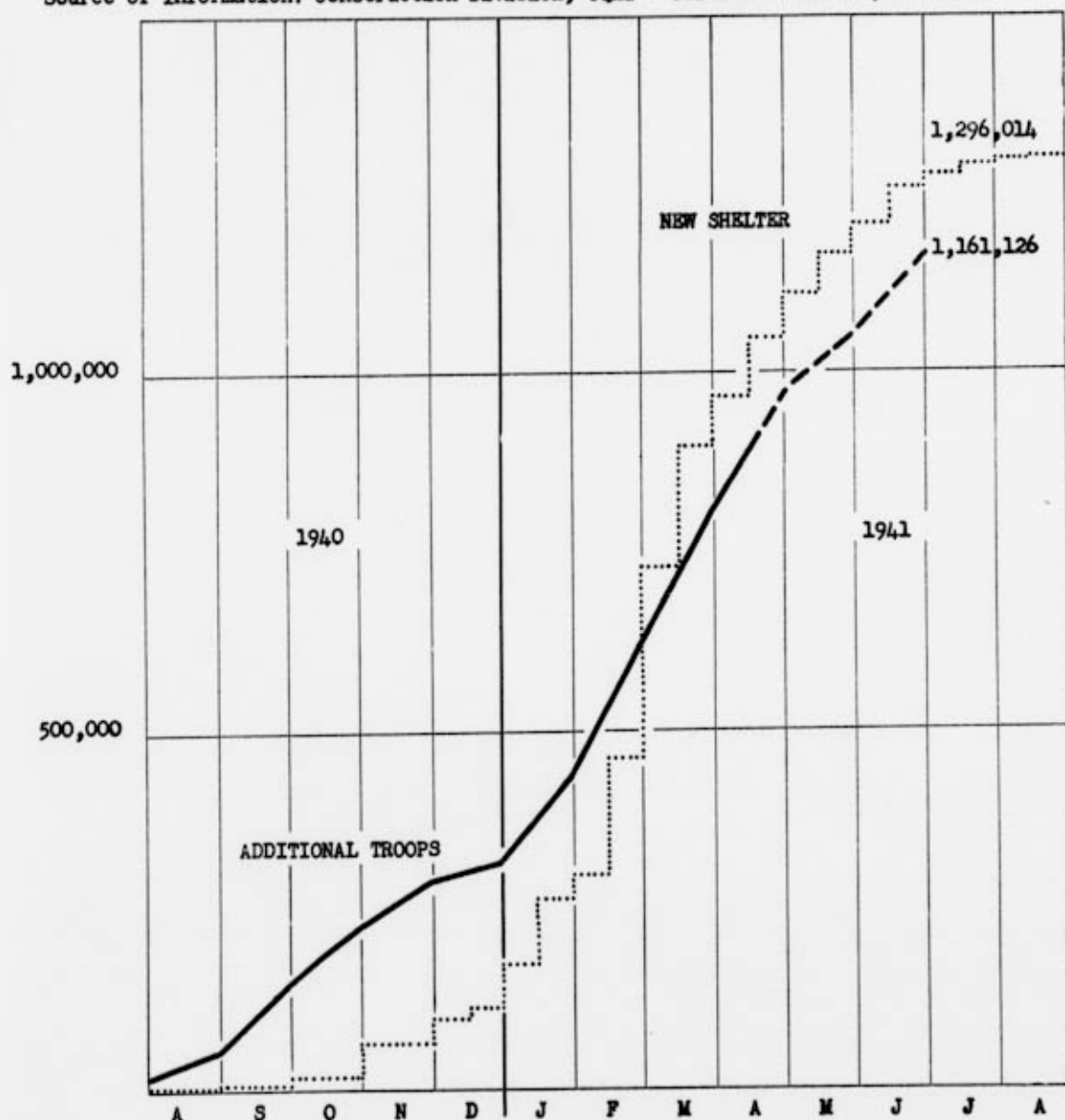
QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - April 12, 1941

Source: Statistics Branch, OCMG - O.U.S.W.



QUARTERMASTER CORPS - ESTIMATED STATUS OF TROOP HOUSING* - APRIL 19, 1941

Source of Information: Construction Division, QMCO - 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 - APRIL 26, 1941

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

GENERAL - Deliveries of critical items of Signal Corps equipment showed a sharp improvement during the week ended April 26. Several delinquencies were reduced or corrected and a number of items are now being received in quantities in excess of scheduled deliveries.

LABOR DIFFICULTIES - The strike situation has improved so far as Signal Corps procurement is concerned, although the strikes at Allen D. Cardwell and Roebling & Sons Company are still in progress. Cardwell has 15 direct and 21 indirect Signal Corps contracts, valued at close to one-half million dollars. Roebling & Sons Company manufactures cables and reels for the Signal Corps and has contracts aggregating \$101,000.

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

3,821 Coil C-161	13,499 Telephone EE-8-A
5,809 Reel unit RL-31	122 Theodolite ML-47
5,179 Telephone EE-8-A	10,000 (miles) Wire W-110-B

NEW CONTRACTS - All contracts for critical items approved for procurement under the F.Y. 1941 program to include the Third Supplemental Appropriation Act have been awarded. Two contracts under the Fifth Supplemental program approved on April 5, 1941 have been awarded, i.e. -

870 Switchboard BD-71
419 Switchboard BD-72

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

190 Charging set SCR-169	4 Radio set SCR-206
300 Chest BC-5	12 Radio set SCR-268
1,250 Coil C-114	5 Radio set SCR-271
3,821 Coil C-161	45 Radio set SCR-288
68 Frequency meter set SCR-211	219 Reel unit RL-26-A
1,296 Head & chest set HS-19	15 Signal lamp equipment EE-84
300 Radio set SCR-195	102 Theodolite ML-47
4 Radio set SCR-197	

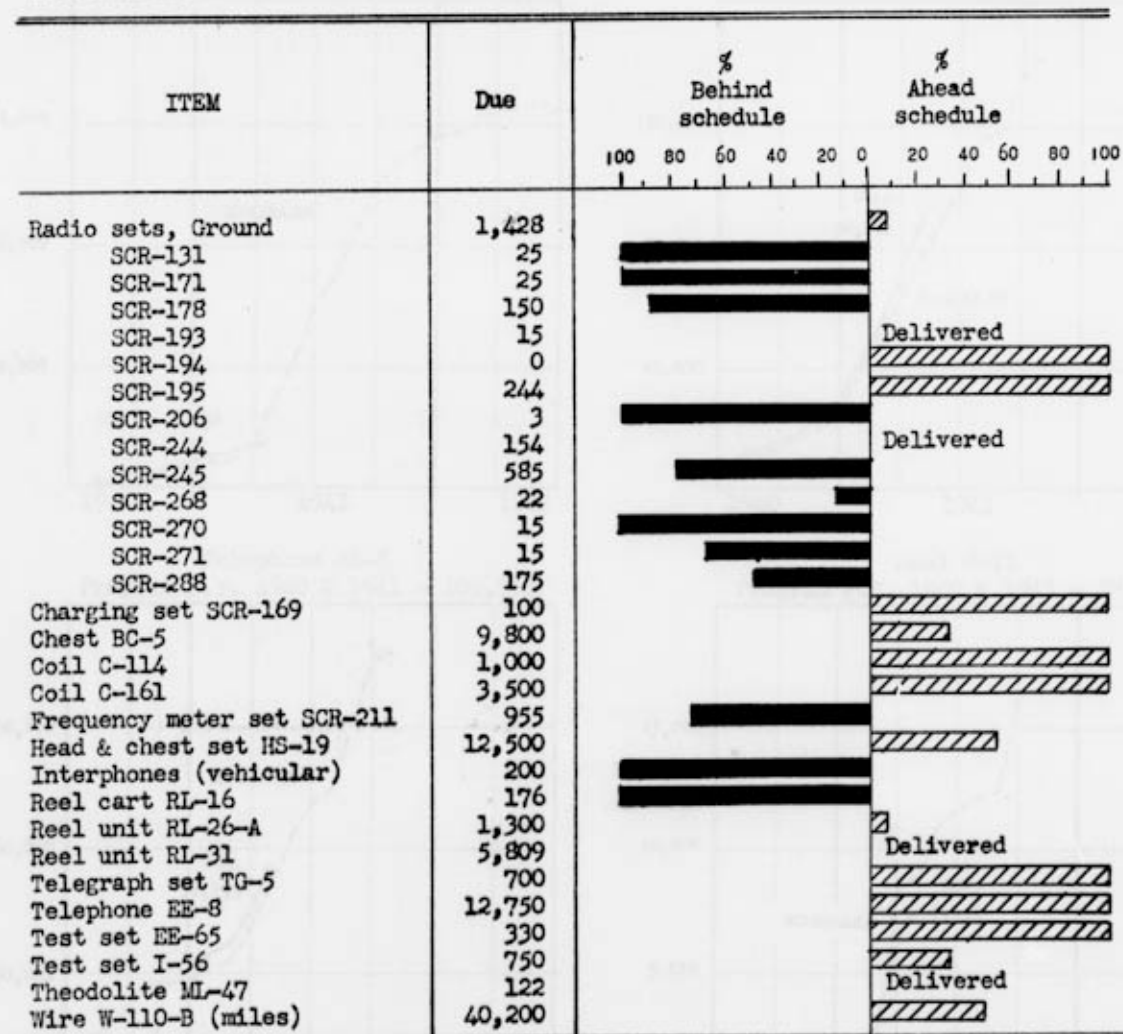
DELINQUENCIES - The following critical items of Signal Corps ground equipment under procurement are behind scheduled deliveries:-

Amount delinquent	Item	Amount delinquent	Item
677	Frequency meter set SCR-211	3	Radio set SCR-268
200	Interphone equipment RC-48	15	Radio set SCR-270
25	Radio set SCR-131	10	Radio set SCR-271
25	Radio set SCR-171	84	Radio set SCR-288
132	Radio set SCR-178	176	Reel cart RL-16
14	Radio set SCR-206	191	Reel unit RL-26-A
443	Radio set SCR-245		

STATUS OF PROCUREMENT PROGRAM - F.Y. 1941 - GROUND EQUIPMENT - APRIL 26, 1941

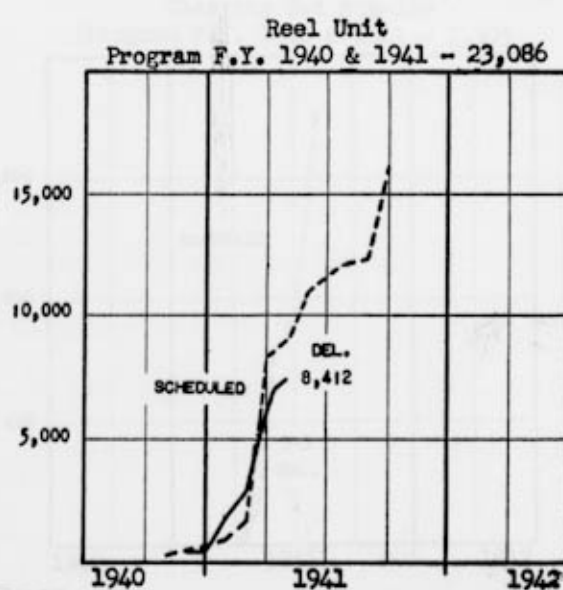
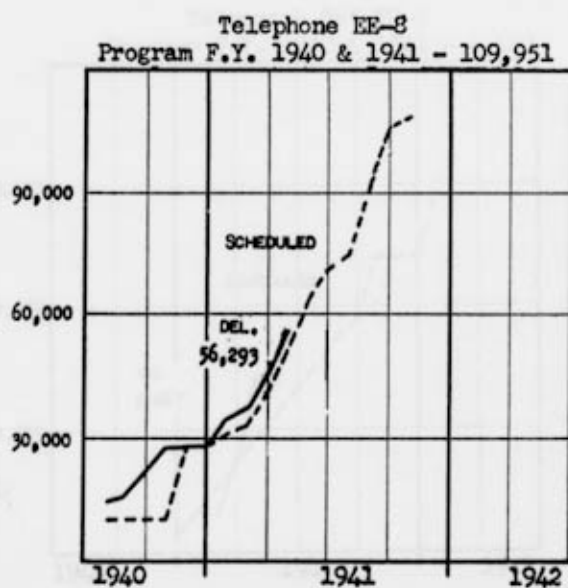
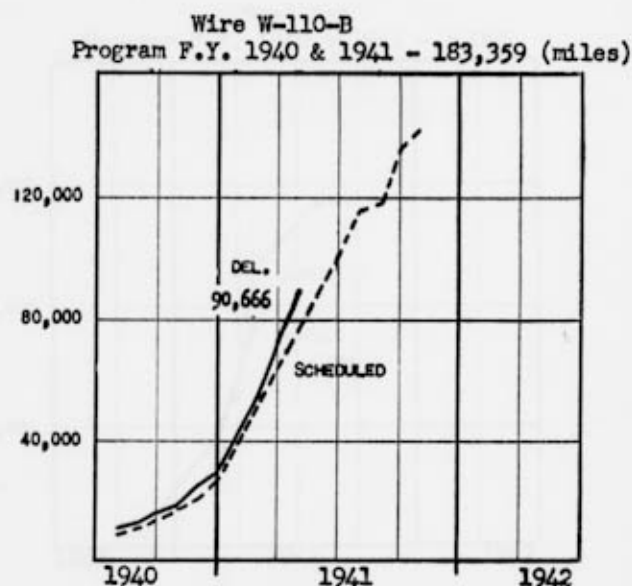
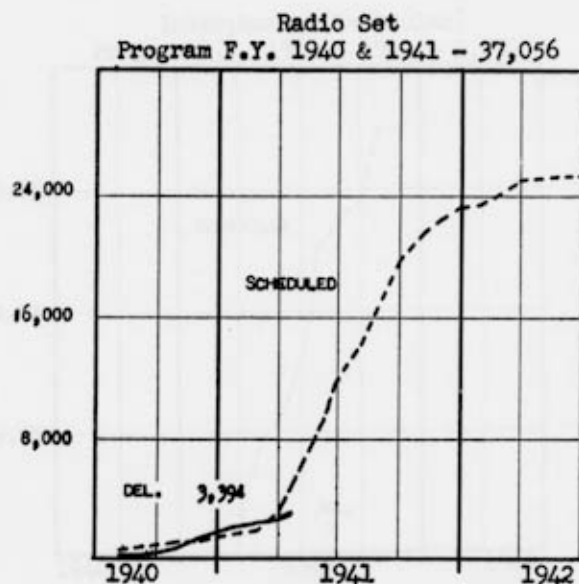
Source of Information: Supply Division, Office of the Chief Signal Officer

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 PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 26, 1941

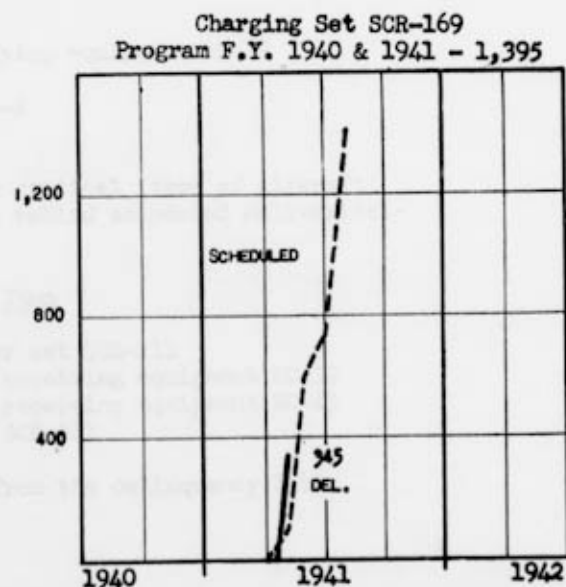
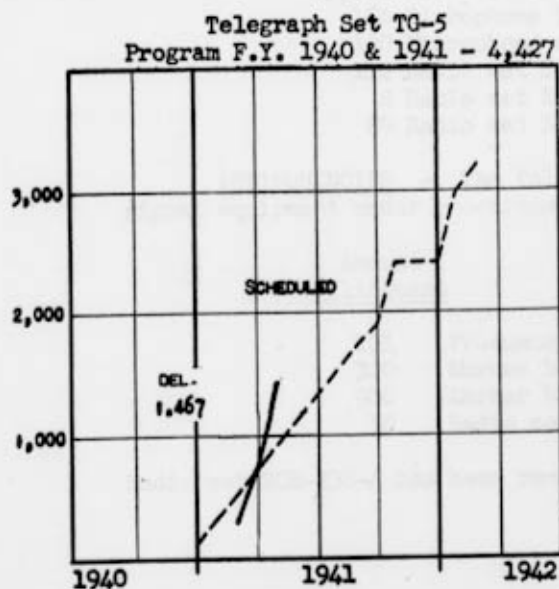
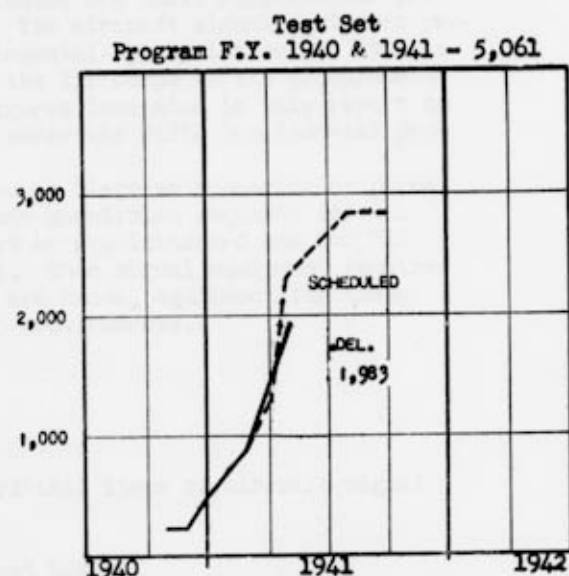
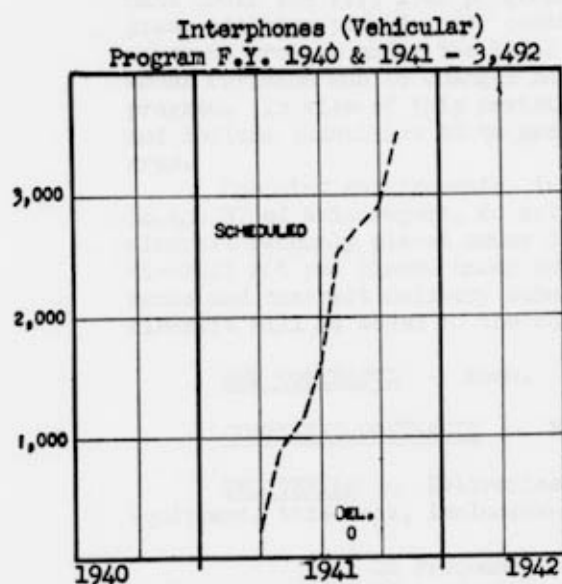
Source of Information: Supply Division, Office, Chief Signal Officer



Signal Corps

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS, GROUND - STATUS AS OF APRIL 26, 1941

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



Signal Corps

TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - AIRCRAFT - APRIL 26, 1941

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

GENERAL - All aircraft signal equipment, approved for procurement under the F.Y. 1941 programs including the Third Supplemental program, has been placed under contract. The aircraft signal equipment procurement program under the Fifth Supplemental Appropriation Act 1941 is under revision due to changes made by the Air Corps in its procurement program. In view of this revision, figures indicated in this report do not include quantities to be procured under the Fifth Supplemental program.

Computed requirements, indicated on diagrams appearing on pages 36 and 37 of this report, do not include quantities required for 221 aircraft recently placed under contract or requisitioned and for 312 aircraft not yet placed under contract. When signal equipment requirements and contract delivery schedules are known, equipment for these aircraft will be added to the computed requirements.

NEW CONTRACTS - None.

COMPLETED CONTRACTS - None.

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

- 22 Frequency meter set SCR-211
- 3,962 Headset HS-23
- 164 Microphone T-20
- 100 Microphone amplifying equipment RC-19
- 112 Radio set SCR-183
- 8 Radio set SCR-238-A
- 89 Radio set SCR-287

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

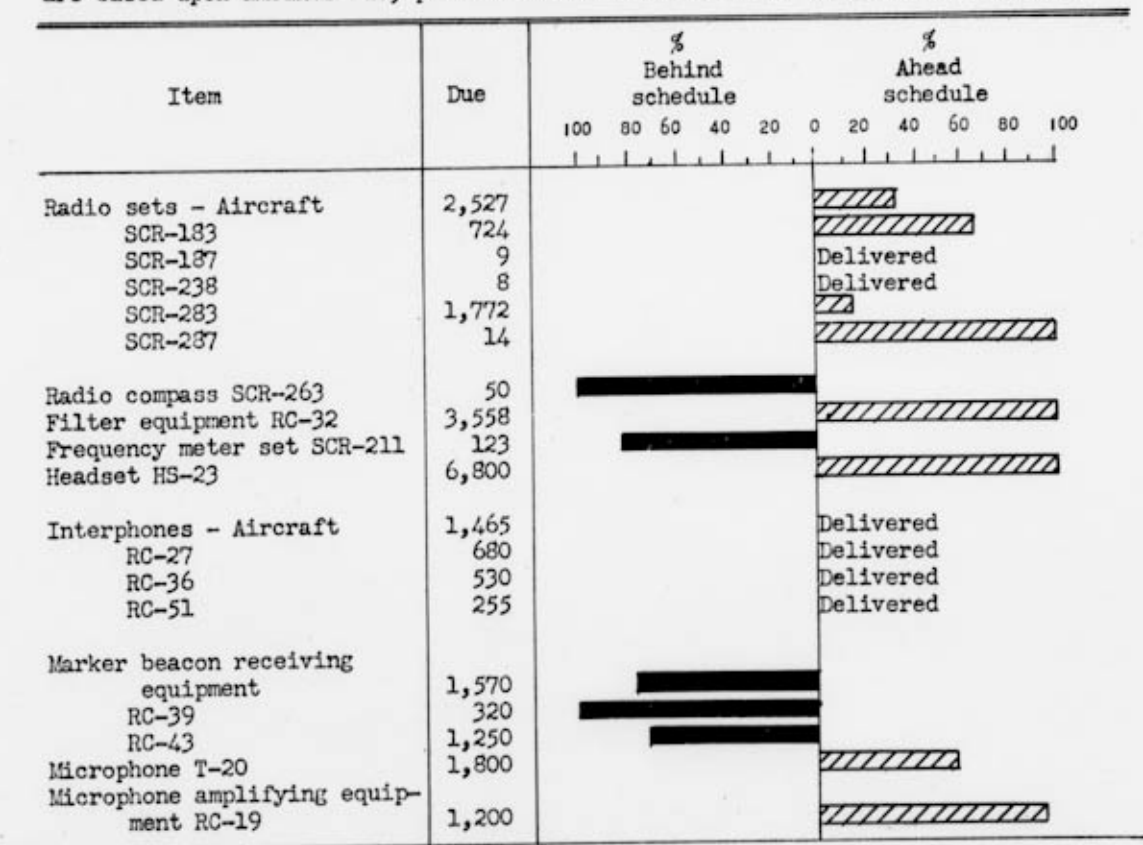
<u>Amount delinquent</u>	<u>Item</u>
101	Frequency meter set SCR-211
320	Marker beacon receiving equipment RC-39
900	Marker beacon receiving equipment RC-43
50	Radio compass SCR-263

Radio set SCR-238-A has been removed from the delinquency list.

STATUS OF PROCUREMENT PROGRAM - F.Y. 1941 - AIRCRAFT EQUIPMENT - APRIL 26, 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.



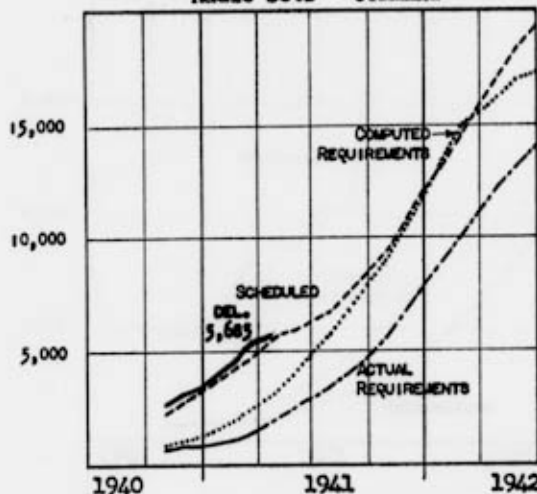
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 26, 1941

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

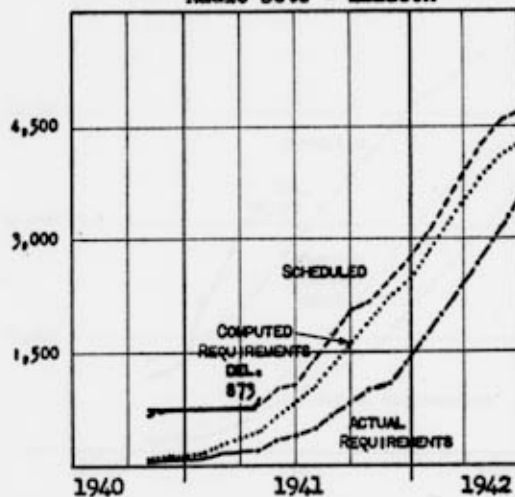
DIAGRAMS COMPARE COMPUTED REQUIREMENTS, BASED UPON AIRCRAFT CONTRACTS, WITH ESTIMATED DELIVERY SCHEDULES AND ACTUAL DELIVERIES OF AIRCRAFT SIGNAL EQUIPMENT. AIRCRAFT CONTRACT DELIVERY SCHEDULES HAVE BEEN ADVANCED ONE MONTH TO ALLOW FOR INSTALLATION OF SIGNAL EQUIPMENT IN AIRFRAMES. ACTUAL REQUIREMENTS 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.

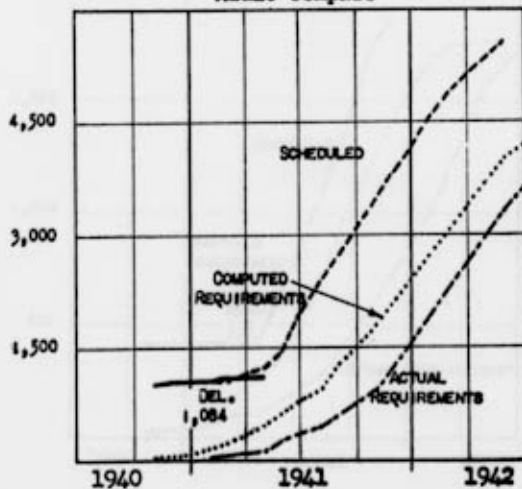
Radio Sets - Command



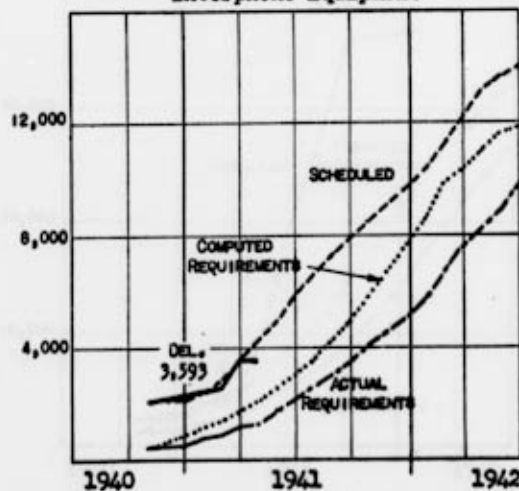
Radio Sets - Liaison



Radio Compass



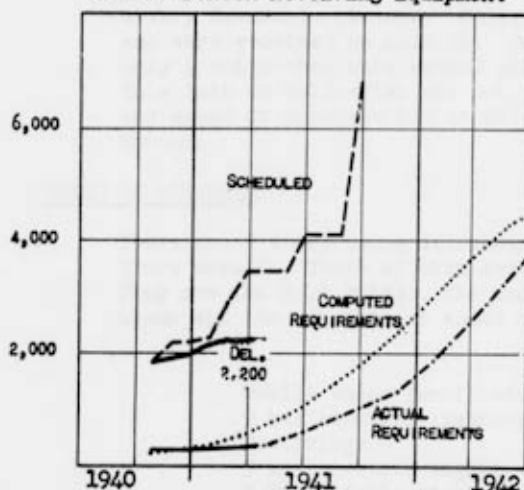
Interphone Equipment



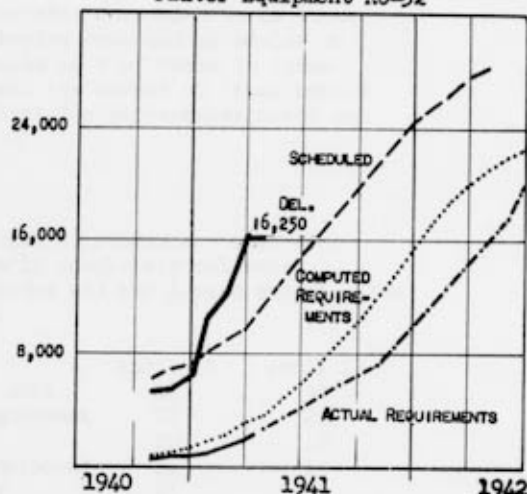
SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 26, 1941 (PAGE II)

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

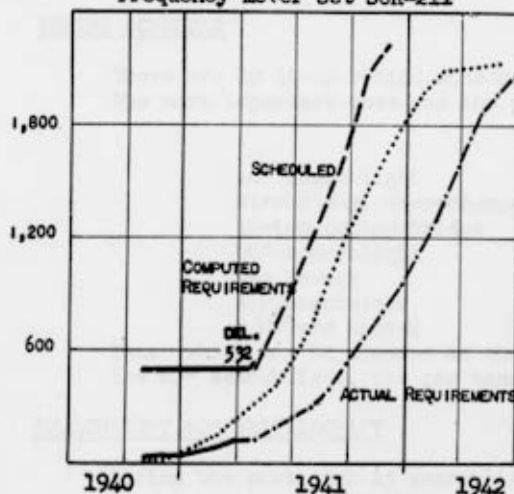
Marker Beacon Receiving Equipment



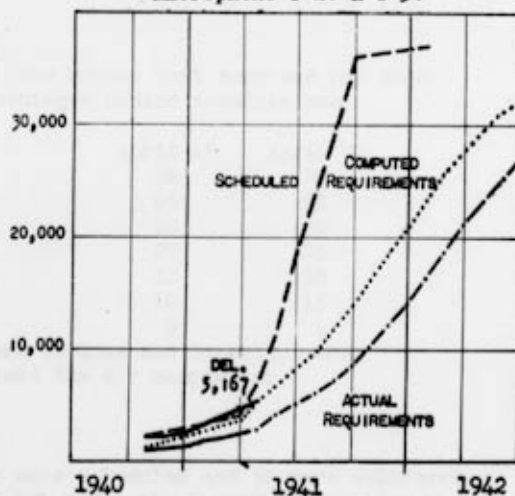
Filter Equipment RC-32



Frequency Meter Set SCR-211



Microphone T-20 & T-30



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

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

GENERAL

Procurement progress during the past quarter-month does not make a very favorable picture. Deliveries were scheduled on 16 items and were received on only 10. Deliveries exceeded schedules on only 4 while they were behind schedules on 9 of these 16 items. This lack of deliveries did not affect the number of items behind and ahead of schedule but it did affect the percentages ahead and behind.

AHEAD OF SCHEDULE

There are 7 items being delivered ahead of schedule. Last week there were 8. 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 15	April 23
Mobile water purification unit	42	38
3 kva electric lighting equipment	27	20
Footbridge	20	18
5 kva electric lighting equipment	24	15
H-10 portable steel bridge	11	15
25-ton ponton bridge	12	11
$\frac{1}{2}$ -yard gas shovel	6	11

BEHIND SCHEDULE

There are 10 items behind schedule. The number last week was the same. The more important ones and the percentages behind schedule are:

	April 15	April 23
18" searchlight	98	99
Mirror mag. stereoscope	65	68
10-ton ponton bridge	40	38
60" searchlight	27	25
Gas hammer	12	18
Air compressor	10	13
$\frac{3}{8}$ -yard shovel	5	4

Those which may be classed as the more serious and important are the 60" searchlight, the gas hammer and the air compressor.

SEARCHLIGHT 60" ANTI-AIRCRAFT

During the past week 45 searchlights were scheduled and 52 were delivered. The number was 7 more than scheduled but since the Sperry Corporation had

a deficiency of 2, the excess for the General Electric Company was really 9 lights. The week's figures are:

	Scheduled	Delivered
Sperry Corporation	26	24
General Electric Company	<u>19</u>	<u>28</u>
	45	52

The number of searchlights and the percentages behind schedule are:

	April 15		April 23	
	Number	Percent	Number	Percent
Sperry Corporation	168	32	170	31
General Electric Company	<u>58</u>	<u>19</u>	<u>49</u>	<u>15</u>
	226	27	219	25

The searchlight situation is continuing to improve and preliminary figures seem to show that for the month of April the schedules will be exceeded. They call for 105 by Sperry and 75 by General Electric or a total of 180. It is probable that as many as 195 will be received.

COMPRESSOR, AIR, MOTORIZED

Deliveries exceeded schedules for the week ending April 15 and it looked for a while as if the difficulties which were holding up deliveries on the air compressor had been overcome and that the shortage could be made up. But this week no deliveries were made against a schedule of 17. The shortage increased from 60 to 77 units and is 13 percent of the number scheduled for this date. No explanation is available.

HAMMER, GAS OPERATED

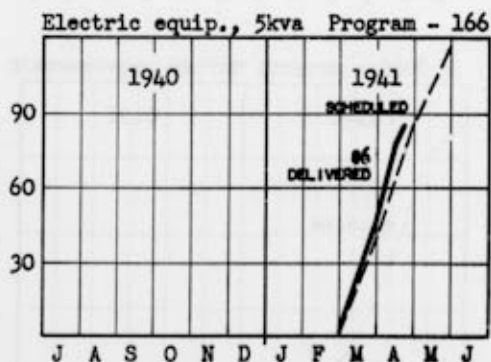
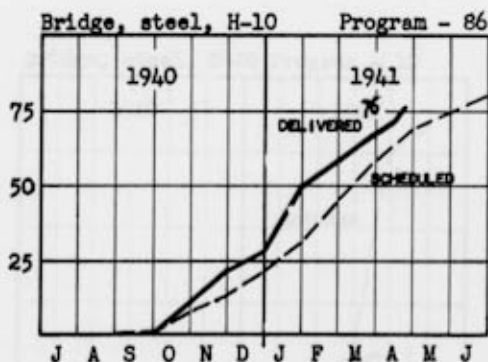
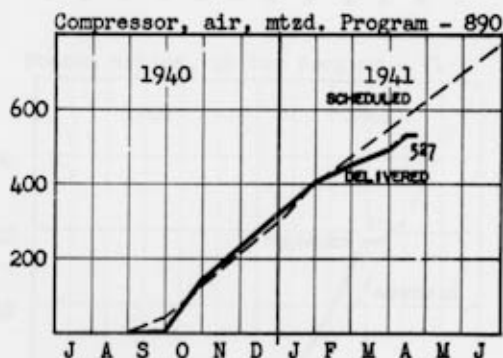
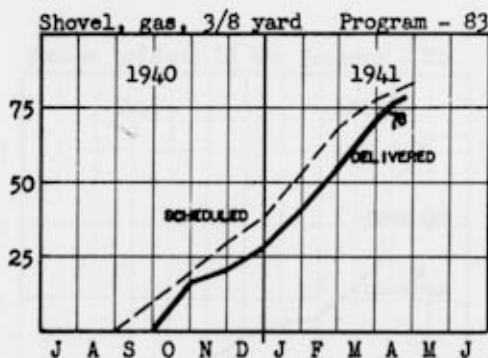
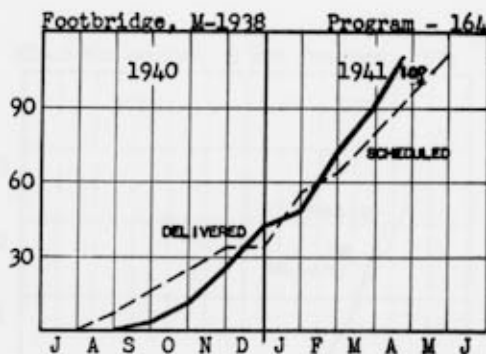
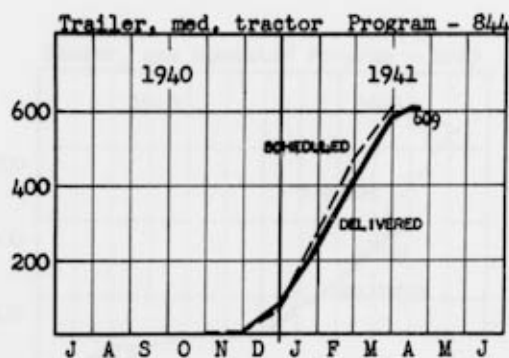
A shortage of vanadium from which is manufactured an important spring has stopped delivery of gas hammers. Others with greater priority must be supplied before deliveries can be resumed so no forecast can be made at present. No deliveries were made against a schedule of 50. The deficiency increased from 74 to 124 hammers and is 18 percent of the number scheduled.

INDEX OF PROCUREMENT

The lag in deliveries shows up in the index of Engineer procurement. Where it should have increased 4 points, the actual rise was only 2. The delivery figure is now about 61.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 23, 1941

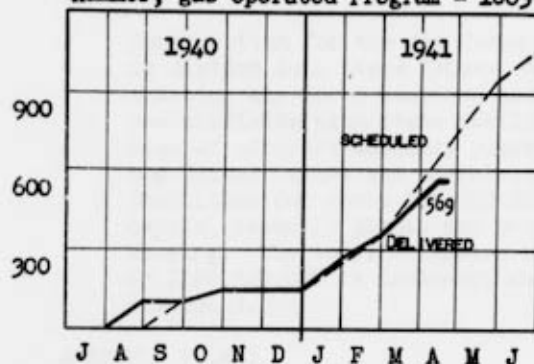
Source of Information: Office of the Chief of Engineers



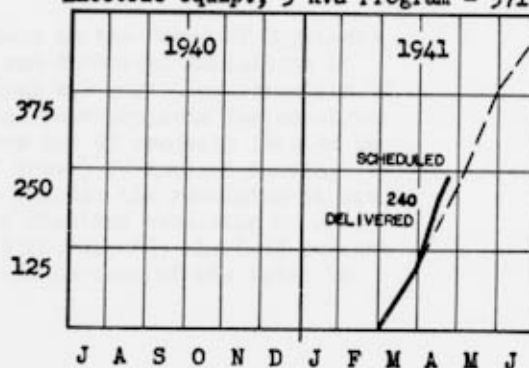
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 23, 1941

Source of Information: Office of the Chief of Engineers

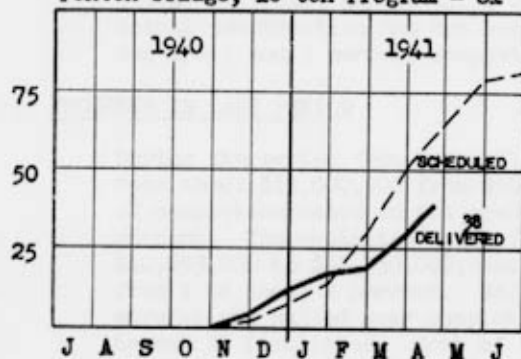
Hammer, gas operated Program - 1063



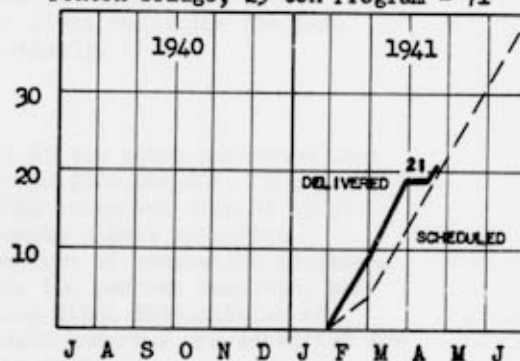
Electric equip., 3 kva Program - 571



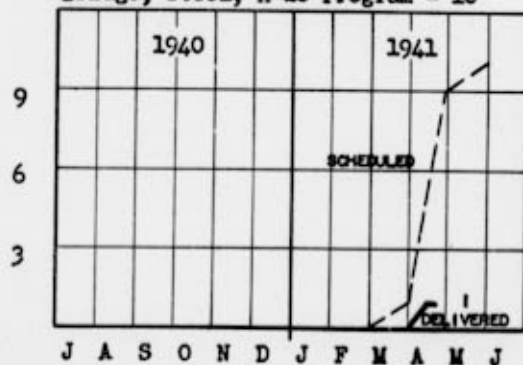
Ponton bridge, 10 ton Program - 81



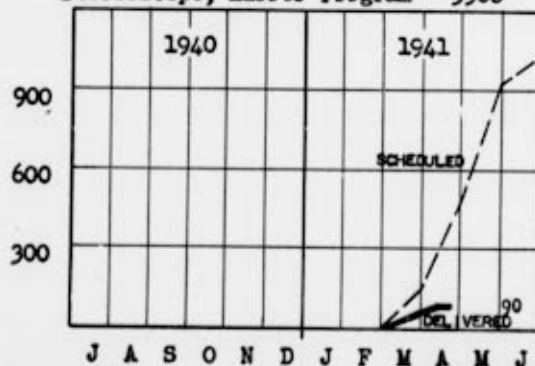
Ponton bridge, 25 ton Program - 71



Bridge, steel, H-20 Program - 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.

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 3, 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 and Spring Tissue Forceps, 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.

According to the latest information at hand there has been no settlement of the strike between the J. Sklar Manufacturing Company, Long Island City, New York, and its employees. Work was discontinued on April 4, and stopped the delivery of several types of surgical instruments badly needed by the Medical Department.

The April 15 Progress Report shows the delivery of eighteen X-Ray Machines by four separate manufacturers. This brings the 1941 Procurement Program to within three machines of completion for the Mobile shock-proof bedside type of X-Ray Machine.

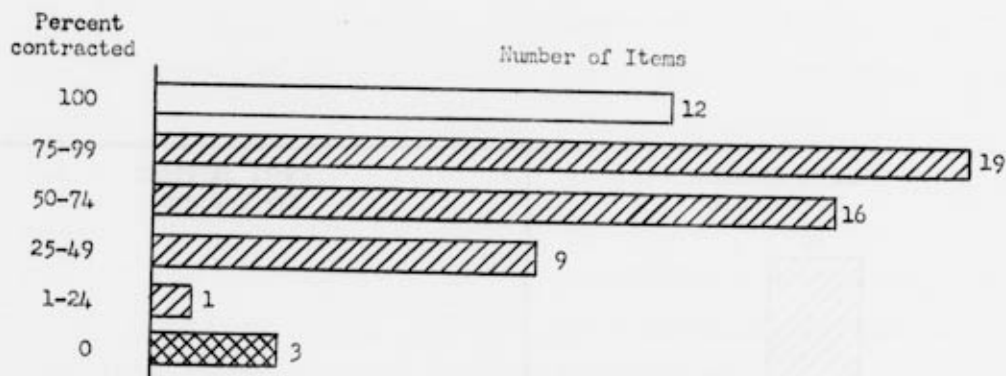
The Standard Holloware Corp., Brooklyn, New York, has completed its first contract for three thousand Modified Field Chests. This contract was finished practically on schedule. The firm has another contract for twenty five hundred chests of the same type, and one for two thousand of the Plain Field Chests.

According to a summary of Weekly Statistical Report No. 16, April 24, 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 3.37. This percentage shows 2.98 remaining in hospitals and .39 in quarters.

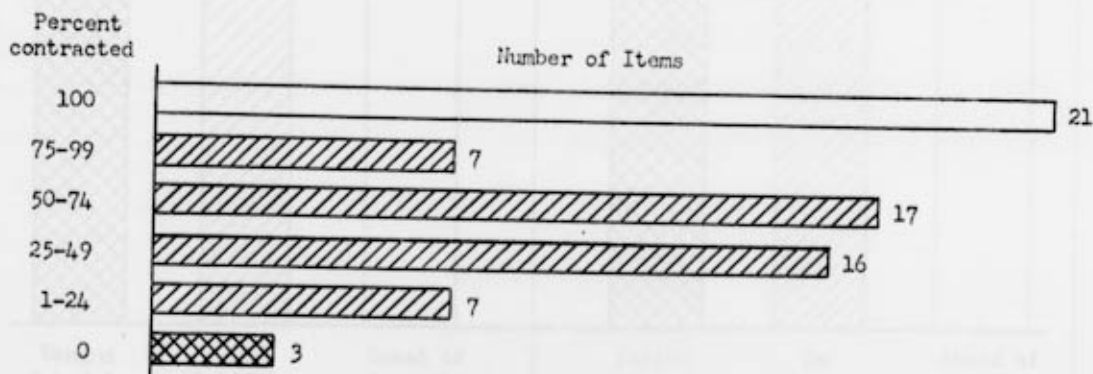
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - APRIL 23, 1941

Source of Information: Medical Department Procurement Progress Reports

NUMBER OF CRITICAL ITEMS AND PERCENT CONTRACTED
thru 4-15-41



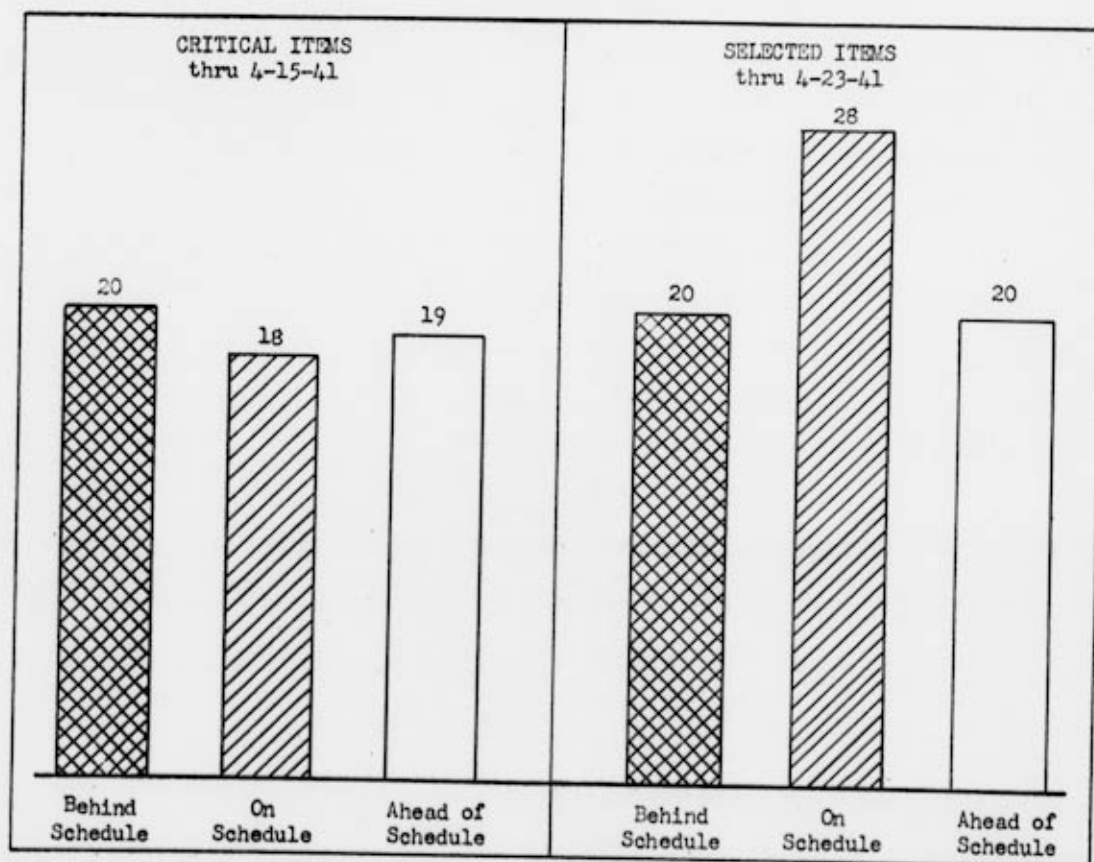
NUMBER OF SELECTED ITEMS AND PERCENT CONTRACTED
thru 4-23-41



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

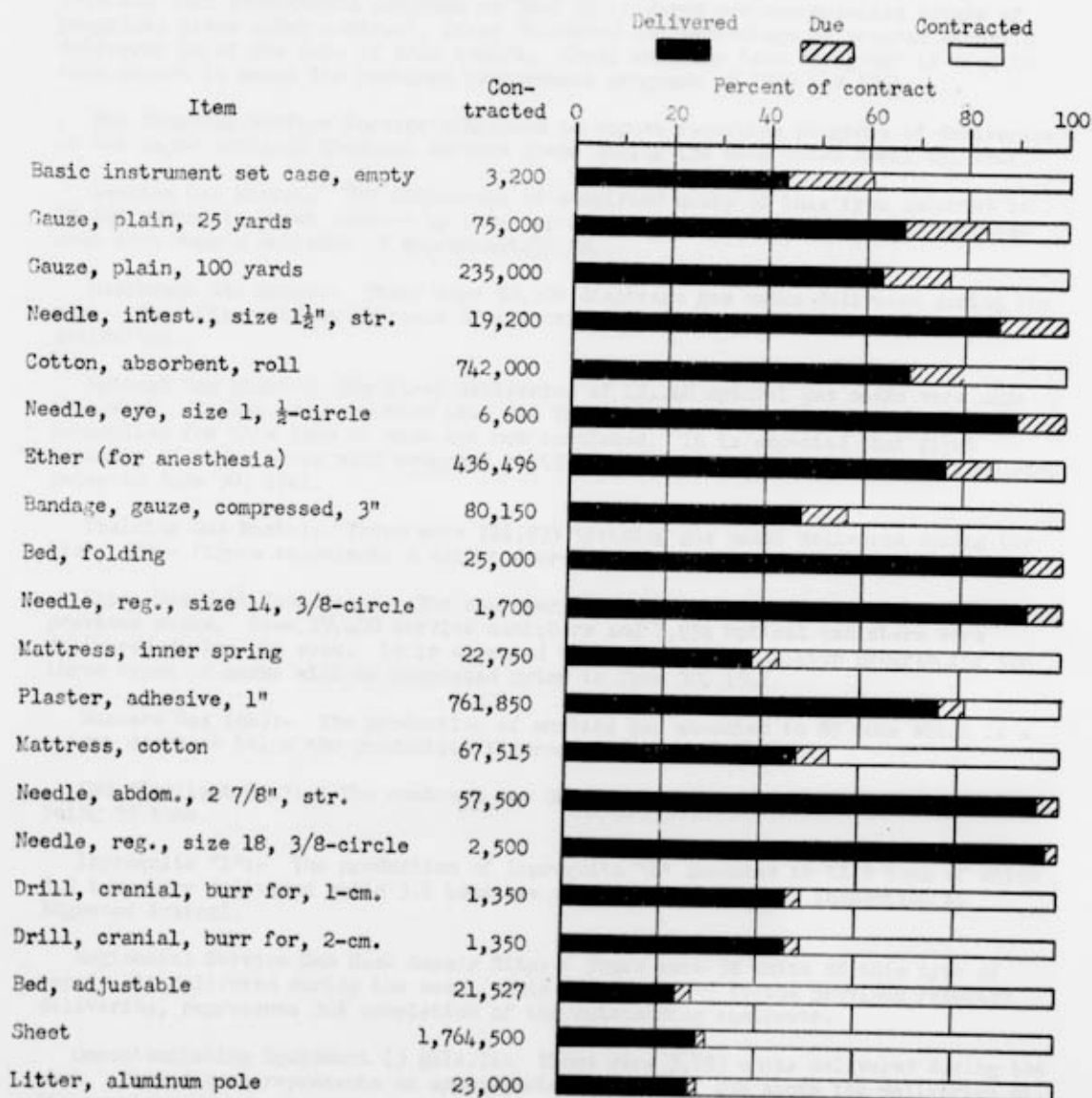
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



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

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - MAY 2, 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 April 25, 1941.

Service Gas Masks:- The deliveries of completed masks of this type amounted to 78,228 during the week covered by this report. This figure represents an increase over last week's delivery of approximately 3%.

Diaphragm Gas Masks:- There were 58,908 diaphragm gas masks delivered during the week. This figure is an increase of approximately 14% above the previous week's deliveries.

Optical Gas Masks:- The first deliveries of 12,140 optical gas masks were made this week. It has been reported that all the component parts including canister assemblies for this type of mask are now completed. It is expected that final assembly of these masks will progress rapidly and that the contract will be completed prior to June 30, 1941.

Training Gas Masks:- There were 116,933 training gas masks delivered during the week. This figure represents a slight decrease below the deliveries of last week.

Extra Gas Mask Canisters:- The canister situation shows a marked improvement over previous weeks. Some 19,400 service canisters and 7,854 optical canisters were delivered during the week. It is expected that the entire canister program for the three types of masks will be completed prior to June 30, 1941.

Mustard Gas (HS):- The production of mustard gas amounted to 85 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 11.8 tons of which 8.2 tons were delivered while 3.6 tons are now in the process of inspection at Edgewood Arsenal.

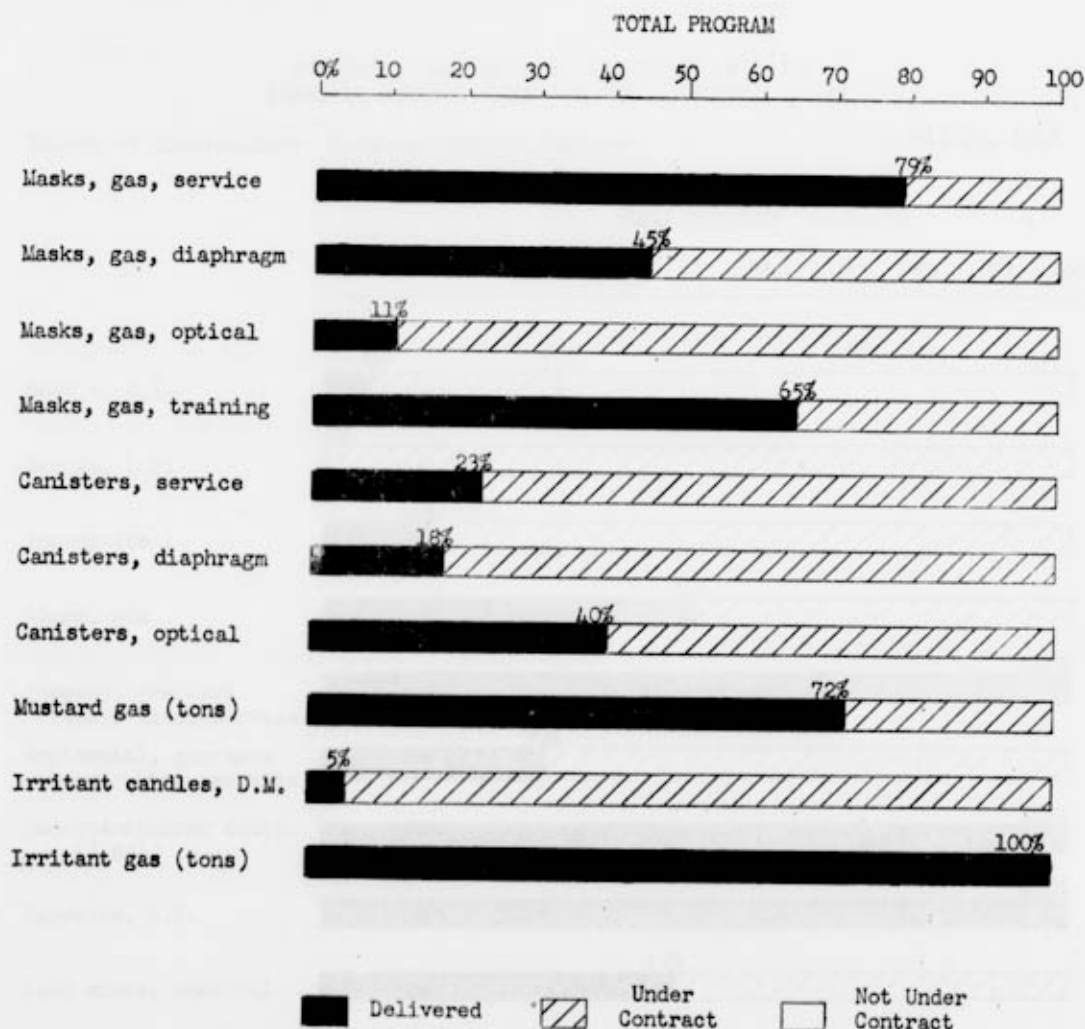
Regimental Service Gas Mask Repair Kits:- There were 38 units of this type of repair kit delivered during the week. This figure, added to the previous reported deliveries, represents 30% completion of the outstanding contracts.

Decontaminating Equipment (3 gals):- There were 3,783 units delivered during the week. This figure represents an approximate increase of 25% above the deliveries of the previous week.

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

Source of Information: Chemical Warfare Service

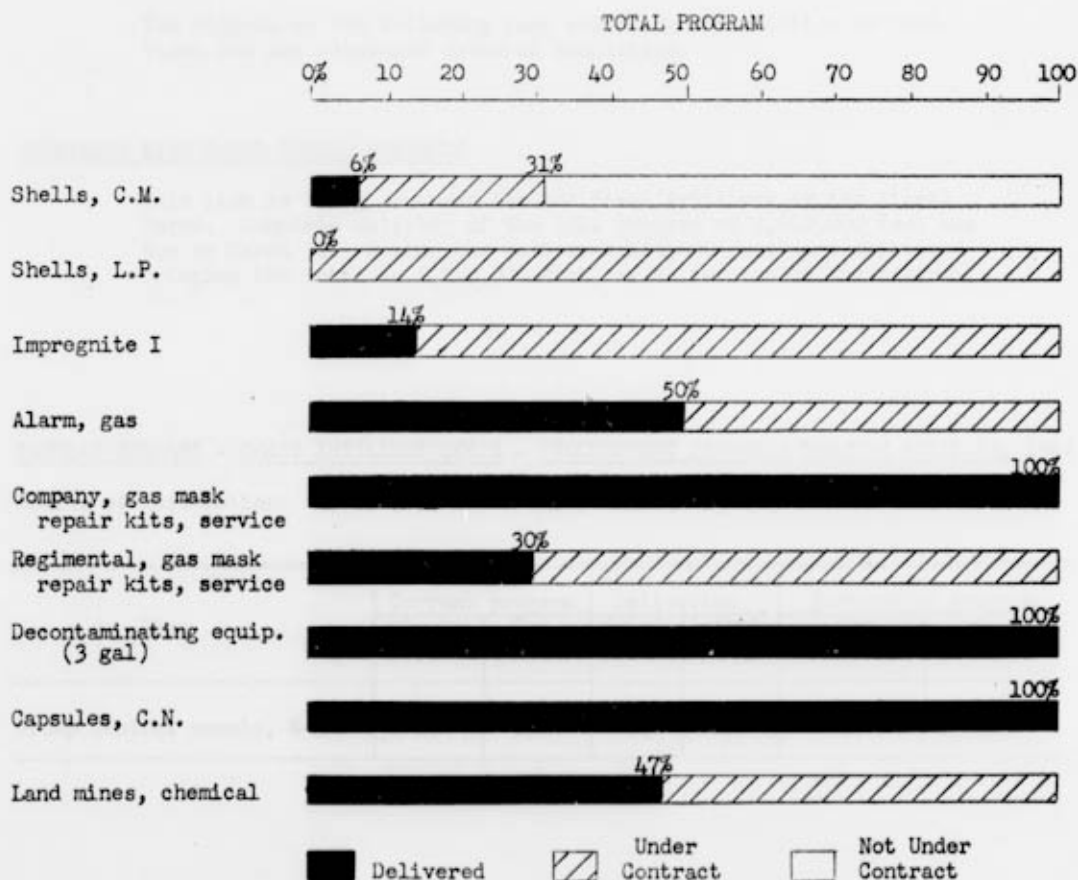
April 25, 1941



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

Source of Information: Chemical Warfare Service

April 25, 1941



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

Source of Information: Office, Chief of Coast Artillery

CONTROL PANELS, M-3

The procurement of the control panels for the mine field groups is progressing ahead of schedule. On April 23, 34 were scheduled and 69 were delivered. Deliveries now are 7 more than the schedule for April 30 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 101,000 feet were delivered bringing the total to 2,225,300 feet, or 62 percent of the program.

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

Source of Information: Office, Chief of Coast Artillery

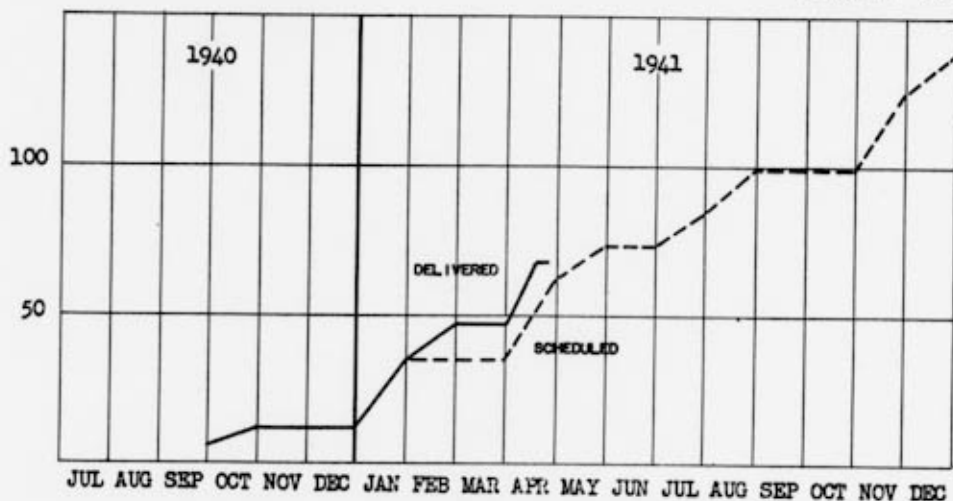
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual Apr. 23	Contracted	Delivered
Group control panels, M-3	138	138	34	69	100	50

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

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

Harbor defense of:	1940				1941											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boston	5#															
Sandy Hook					23#											
Columbia River																
Southern New York																
Portsmouth		6#														
Chesapeake Bay																
Narragansett Bay																
Portland																
Delaware Bay																
San Francisco Bay																
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