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PSF War

WEEKLY STATISTICAL REPORT

No. 14

RELEASED

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

SUMMARY

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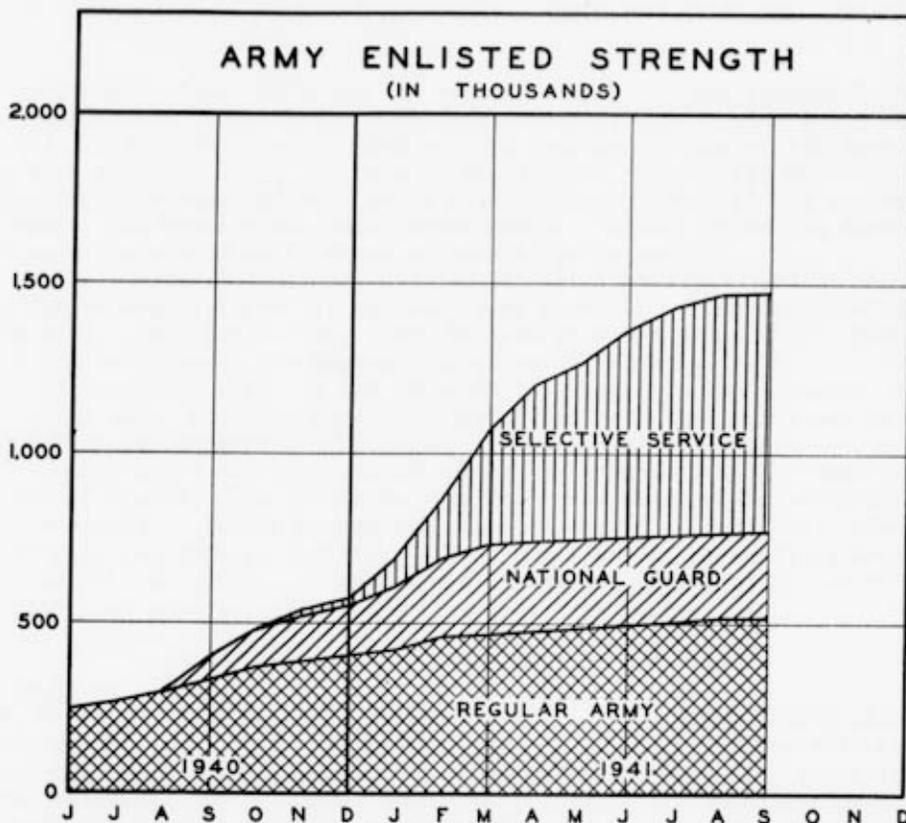
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STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-1442-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 14
OCTOBER 4, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to September 30, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final estimated figure.

Total		Total		Total	
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,472,000
Sep	407,613	Mar	1,068,030	Sep	1,471,000
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, October 2, 1941

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., Oct. 1, 1941

Concern about inflation and methods of control has increased sharply. The commentators urge, in the strongest terms, prompt consideration of price control legislation. Few of them believe that price control can succeed unless some means is found of holding wages down. There is, however, little faith that voluntary methods would be effective. Most of the commentators reiterate the conviction that prevention of further rises in farm prices must be an essential part of any program of price control.

The suggested limit of six percent on corporate profits has drawn from the commentators an all but unanimous protest. They disagree in principle with such a limitation; they believe it would jeopardize free enterprise and work toward the destruction of small business.

A large majority of the commentators urge prompt repeal of the Neutrality Act, and that any subsequent steps be taken which may be necessary to the furtherance of the policy of freedom of the seas.

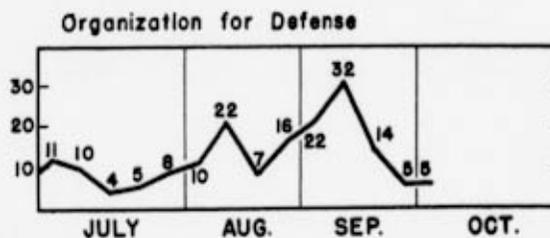
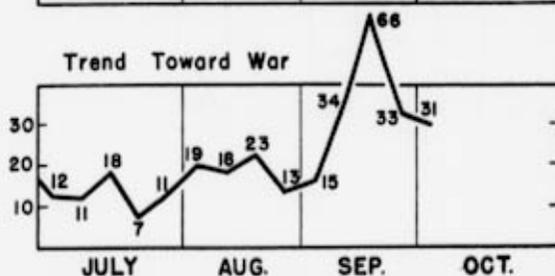
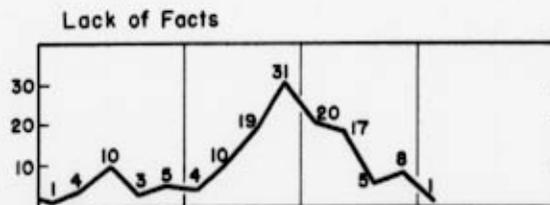
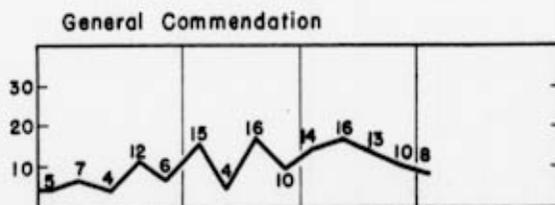
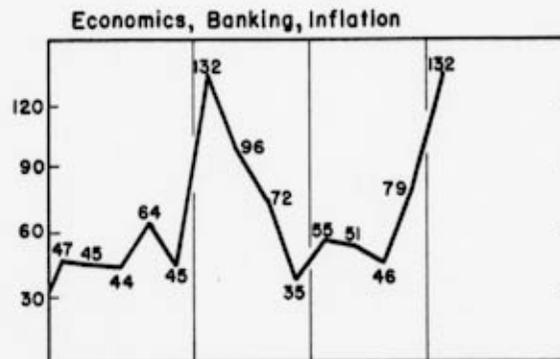
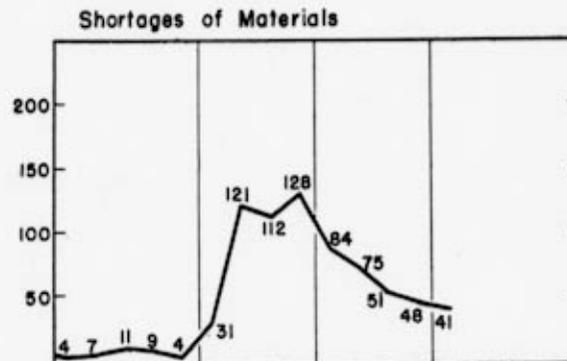
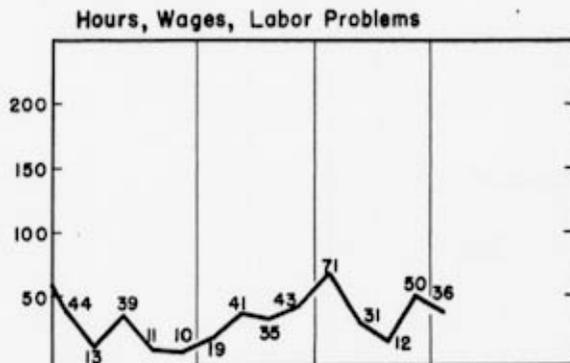
Alarm about shortages of materials has been lessening steadily since the end of August. The reason for the decline appears to be conviction that the Government is taking prompt and vigorous action to prevent unnecessary hardship to non-defense industry. That considerable hardship is inevitable there is little doubt. It is now widely assumed that some system of direct allocation of material will in part replace priorities.

TABULAR SUMMARY

ECONOMICS, INFLATION Tallies		TREND TOWARD WAR		HOURS, WAGES LABOR	
Inflation danger	11	We are trending	9	Strikes must stop	8
Inflation has begun	8	Danger of Japanese war	1	Unfair to draftees	1
Cut Govt. spending	6	Govt. wants war	5	Racketeering must stop	4
Raised reserve approved	7	For seas freedom	4	Labor defying Govt.	1
Won't check inflation	2	Arm merchant ships	5	Exploiting emergency	2
For price-wage control	31	Do not arm ships	1	Leadership to blame	1
Voluntary will fail	4	Consult Congress	1	Rank-and-file is loyal	2
Against wage ceiling	1	Do not go to war	2	For a "cooling-off" law	2
Keep farm prices down	18	We are at war	3	Congress should act	3
For rent control	5			Dont force unionization	2
For Baruch plan	6			No MB review of NLRB	1
Price bill inadequate	2	THE EMERGENCY		For bonuses not raises	1
Pass bill quickly	4	Repeal Neutrality Act	25	Against rail wage raise	1
Against 6% profit top	24	Do not repeal	6	Skilled labor shortage	2
Drop gold silver buying	1	Revise Neutrality Act	2	Ship seizures approved	1
Revise tax structure	1	For aid to Russia	5	Strike end approved	2
For a sales tax	1	Against aid to Russia	1	Lengthen work hours	2
GENERAL CRITICISM	53	For firm Japan policy	1	ORGANIZATION PROBLEMS	5
GENERAL COMMENDATION	8	GOVT. AND BUSINESS	14	ST. LAWRENCE SEAWAY	2
MATERIAL SHORTAGES	41	AID TO BRITAIN	2	MISCELLANEOUS	7
		LACK OF FACTS	1		

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

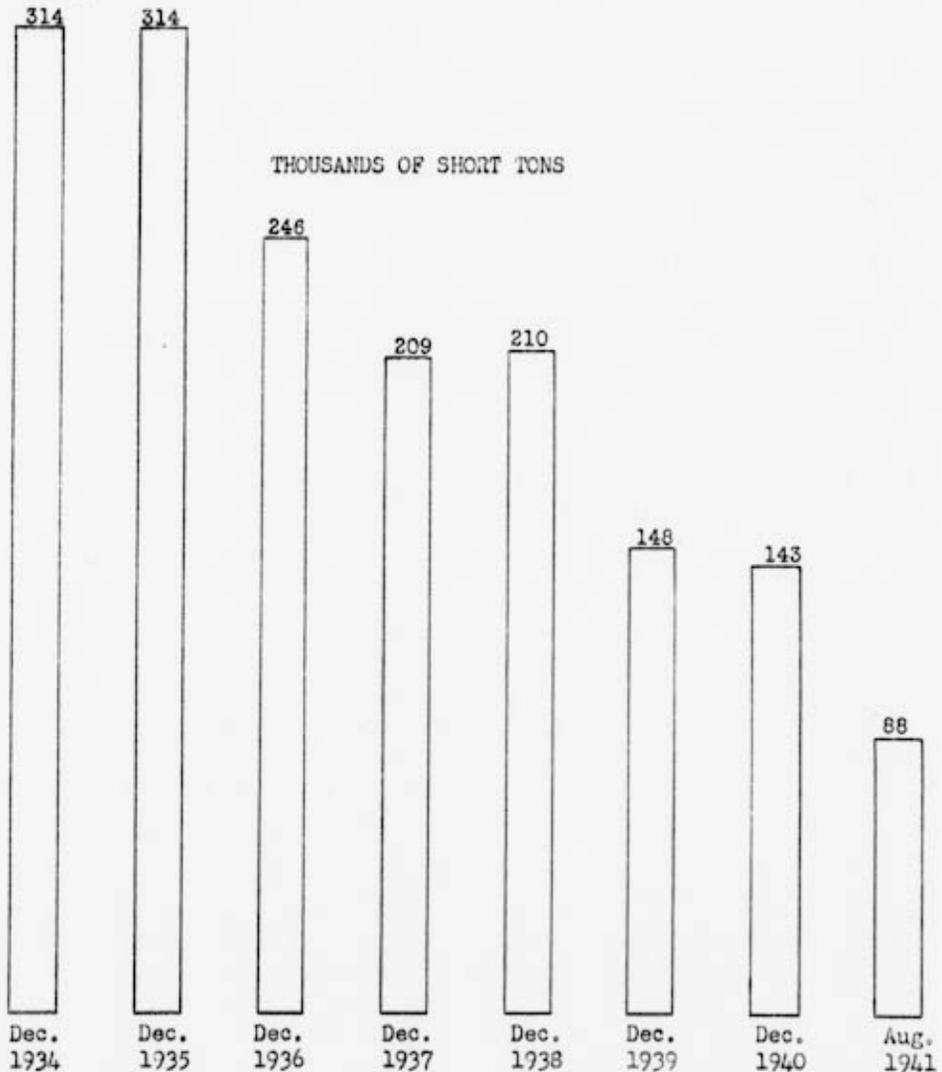
Source of Information: Department of Research and Economics - Cleveland Trust Company



LEAD STOCKS - U.S. SMELTERS AND REFINERS

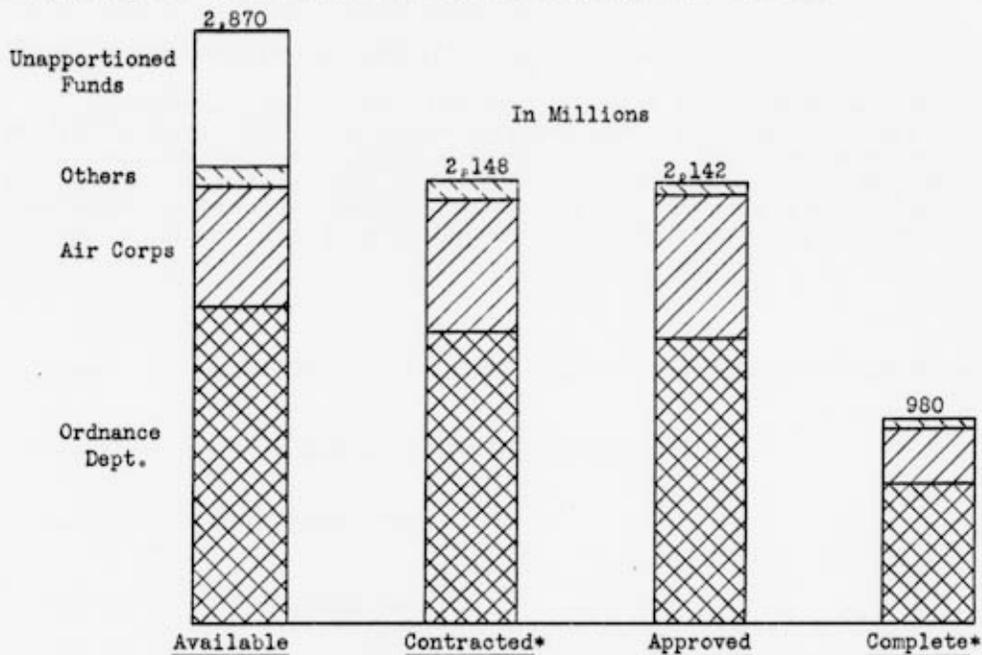
Source of Information: American Bureau of Metal Statistics.

United States stocks, of lead in the hands of Smelters and Refiners have declined from 313,869 short tons on December 31, 1934, to only 87,839 tons at the end of August 1941.



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION

Source of Information: Construction Division Report, September 20, 1941



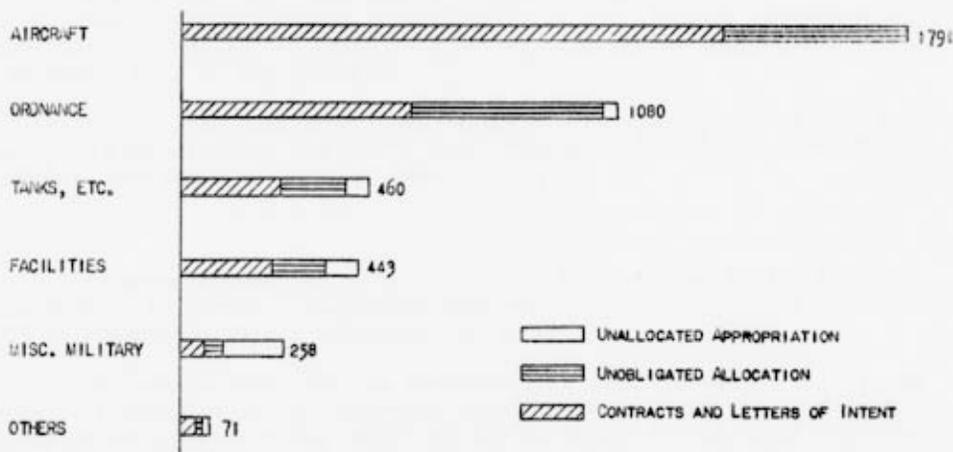
	Available	Contracted*	Approved	Complete*
<u>Ordnance</u>	1,528,110,242	1,408,849,902	1,362,180,075	671,666,919
<u>Air Corps</u>	662,067,816	648,704,155	685,285,534	268,530,976
<u>Others</u>				
C.W. Service	68,799,381	62,289,107	65,163,232	27,736,762
Q.M. Corps	41,478,577	18,663,818	19,015,069	10,107,655
Corps of Eng.	6,270,000	5,483,185	6,270,000	749,533
Signal Corps	2,155,294	2,155,294	2,920,399	25,742
Bureau of Mines	2,000,000	2,000,000	2,000,000	2,000,000
<u>Unapportioned</u>				
War Department	480,410,896			
Defense Aid	78,851,063			
Total	2,870,143,269	2,148,145,461	2,142,834,309	980,617,567

* Estimated

DEFENSE AID IN MILLIONS - ALLOCATIONS AND OBLIGATIONS - SEPTEMBER 15, 1941

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

Public Law No. 23, 77th Congress, (Defense Aid Supplemental Appropriation Act) provides funds in the amount of seven billions of dollars for ten "categories" or types of aid to foreign nations. The total amount which can be spent in each category is prescribed. Expenditures can be made only upon definite authority from the President in the form of a "Letter of Allocation" to the procuring agency. The amounts shown are for War Department, only.



Category	Appropriation		
	Limitation	Allocations	Obligations
Ordnance and Ordnance Stores	1080	1047	566
Aircraft and Aeronautical Material	1786 *	1791	1342
Tanks and Other Vehicles	460	406	243
Miscellaneous Military Equipment	258	98	56
Facilities and Equipment	443	360	224
Commodities	31	31	4
Testing and Reconditioning	25	21	--
Services and Expenses	12	12	1
Administrative Expenses	3	3	--
	<u>4098</u>	<u>3769</u>	<u>2436</u>

* As of September 19, 1941

TEXT SUMMARY - ORDNANCE DEPARTMENT - OCTOBER 4, 1941

Source of Information: Ordnance Department, General Staff and OUSW

GENERAL

The progress of the Current Procurement Program, according to fiscal years, is as follows, as of August 31:

Fiscal Year 1940 Procurement Program - Complete schedules are reported for all items of equipment and ammunition. Approximately four-fifths of the equipment items and three-fifths of the ammunition items have been fully delivered. No deliveries have been made on thirteen ammunition items.

Fiscal Year 1941 Procurement Program - Complete schedules have been reported for approximately three-fourths of the items of equipment and ammunition. Deliveries are being made on the majority of equipment items and on nearly half of the ammunition items.

Fiscal Year 1942 Procurement Program - Partial schedules have been reported on approximately one-fourth the items of equipment and ammunition. Deliveries have begun on only one item.

TANKS

Accepted deliveries of medium tanks, M3 increased to 153 in September from 70 in August. Cumulative deliveries through September 30 amounted to 259 as compared with 243 scheduled for delivery.

The medium tank, T-6 has recently been standardized to become the M4 model. Production of this improved model is to be expedited as much as possible without interrupting output of the M3 type. The M4 model utilizes welding and casting construction in place of riveting, and carries a 75mm tank gun in a central turret.

Accepted deliveries of light tanks, M3 advanced to 309 in September from 281 in August. Deliveries remained below the estimated schedule, however, which indicated 350 units for September and a cumulative total of 1,556 through September 30. Actual cumulative deliveries numbered 1,403.

90MM ANTI-AIRCRAFT GUN

Quantity deliveries commenced in September when 32 complete units were accepted, thus holding this item approximately on schedule. A cumulative total of 50 guns was delivered through September 30, compared with an estimated schedule of 53 units.

SMALL ARMS AMMUNITION

Capacity production of caliber .30 ball cartridges by the new Lake City, Missouri plant is advanced to January, 1942 from May, 1942, by a recent estimate.

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

Source of Information: Fiscal Division and Industrial Service, Ordnance Department

Item	Total procurement program	Delivered thru August 31	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	8,231	100	100	9	9
Machine gun, cal.50	207,920	15,837	79	79	8	8
Gun, 20mm, automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	93	99	99	3	3
<u>Combat Vehicles</u>						
Tank, light	5,919	1,721 ^φ	80	80	27	29 ^φ
Tank, medium	9,848	315 ^φ	48	29	2	3 ^φ
Scout car	2,840	2,633	100	93	93	93
Personnel carrier, 8-man	5,792	1,455	100	100	21	25
Personnel carrier, 13-man	5,521	488	100	89	11	9
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	79,918	89	89	29	29
Gun, 37mm, tank	13,216	2,626	57	57	18	20
Gun, 75mm, tank	7,264	173	38	38	1	2
<u>Antiaircraft</u>						
Gun, 3"	152	150	100	100	100	99
Gun, 90mm	2,314	44 ^φ	55	55	1	2 ^φ
Gun, 37mm	3,195	468	100	100	16	15
Machine gun, cal.50 (W.C.)	25,063	1,268	76	76	6	5
<u>Artillery</u>						
Howitzer, 75mm	958	156	100	100	13	16
Howitzer, 105mm	4,299	61	88	74	2	1
Gun, 155mm	493	18	100	100	5	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	2,680	684	50	40	22	26
Carriage, 155mm howitzer	1,442	1,026	99	99	71	71
Carriage, 155mm gun	847	100	78	78	14	12
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	257,116	71	54	19	20
Machine gun, cal.30 (Var.)	154,979b	42,062b	85b	66b	27b	27b
Machine gun, cal.50 (H.B.)	31,699b	1,425b	94b	94b	6b	4b
Gun, 37mm, antitank	9,478	696	100	99	7	7
Mortar, 60mm	11,162	4,940	100	91	42	44
Mortar, 81mm	4,705	1,241	95	95	23	26

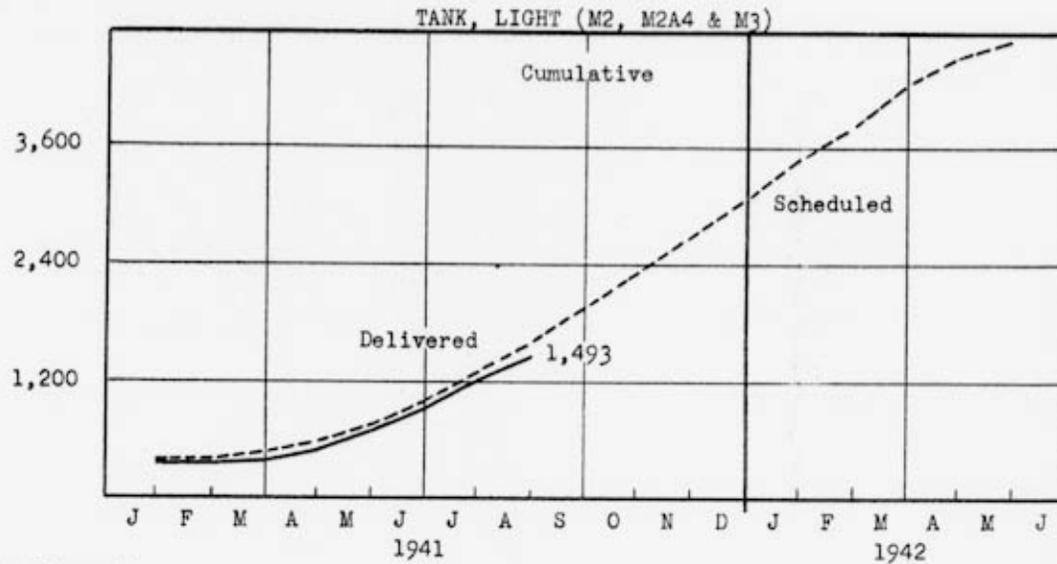
a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

^φ Through September 23.

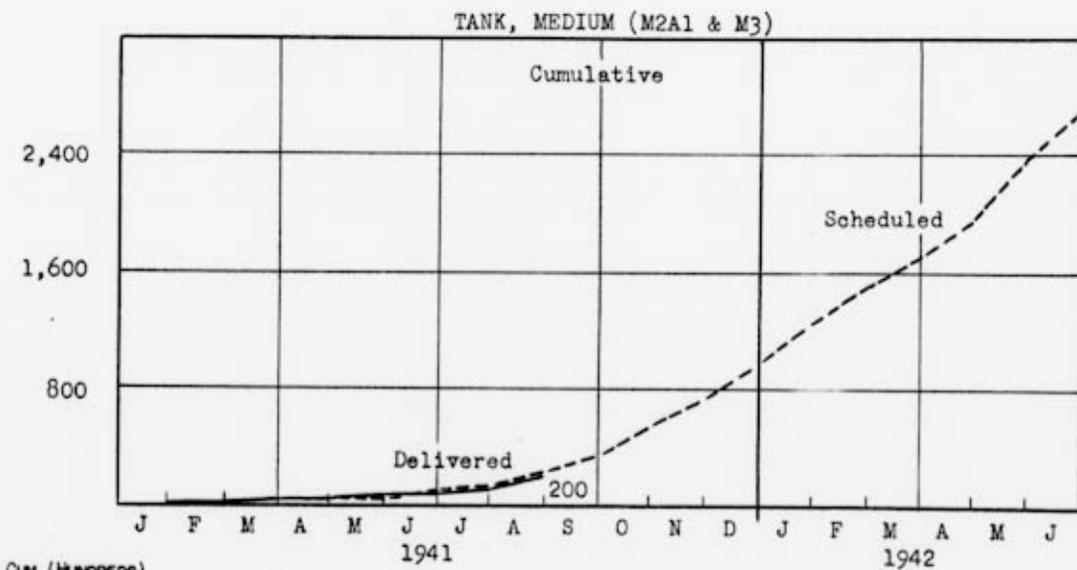
COMBAT VEHICLES - DELIVERIES AND SCHEDULES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department



CUM. (HUNDREDS)

DELIVERED	4	4	4	5	7	9	12	15										
SCHEDULED	4	4	5	6	8	10	13	16	20	23	27	31	35	38	42	45	47	



CUM. (HUNDREDS)

DELIVERED	.1	.2	.3	.4	.6	.8	1	2										
SCHEDULED	.1	.2	.3	.4	.6	.9	1	2	4	5	7	10	13	15	17	19	24	

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 30, 1941

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	33,946	11,021	32	[Bar at 32%]				
Machine gun, cal.50,fix.&fl.	60,531	14,936	25	[Bar at 25%]				
Gun, 20mm, automatic A.C.	1,413	0	0	[Bar at 0%]				
Gun, 37mm, automatic A.C.	2,021	79	4	[Bar at 4%]				
<u>Combat Vehicles</u>								
Tank, light	2,389	845b	35	[Bar at 35%]				
Tank, medium	1,046	79c	8	[Bar at 8%]				
Scout car	2,083	2,539d	122	[Bar at 122%]				
Personnel carrier, 8-man	3,413	1,352	40	[Bar at 40%]				
Personnel carrier, 13-man	4,517	315	7	[Bar at 7%]				
Machine gun, cal.30 (Var.)	30,674a	a	-	[Bar at -%]				
Machine gun, cal.50 (H.B.)	5,734a	a	-	[Bar at -%]				
Submachine gun, cal.45	26,705	22,686	85	[Bar at 85%]				
Gun, 37mm, tank	3,427	919	27	[Bar at 27%]				
Gun, 75mm, tank	1,020	47	5	[Bar at 5%]				
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,177	552 } 33 }	50	[Bar at 50%]				
Gun, 37mm, A.A.	2,552	466	18	[Bar at 18%]				
Machine gun, cal.50 (W.C.)	17,065	1,184	7	[Bar at 7%]				
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	773	92	[Bar at 92%]				
Howitzer, 75mm, field & pack	177	214	121	[Bar at 121%]				
Howitzer, 105mm	2,457	64	3	[Bar at 3%]				
Gun, 155mm	95	17	18	[Bar at 18%]				
Gun, 155mm (H.S.)	587	156	27	[Bar at 27%]				
Howitzer, 155mm (H.S.)	739	1,168	158	[Bar at 158%]				
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,586	-	[Bar at -%]				
Gun, 155mm	-	809	-	[Bar at -%]				
Howitzer, 155mm	-	769	-	[Bar at -%]				
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	271,138	32	[Bar at 32%]				
Machine gun, cal.30 (Var.)	49,737	40,944	82	[Bar at 82%]				
Machine gun, cal.50 (H.B.)	14,737	2,385	16	[Bar at 16%]				
Gun, 37mm, antitank	4,892	832	17	[Bar at 17%]				
Mortar, 60mm	4,747	4,052	85	[Bar at 85%]				
Mortar, 81mm	2,340	1,406	60	[Bar at 60%]				

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 30, 1941

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

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	44,269	11,021	25							
Machine gun, cal.50,fix.&fl.	132,534	14,936	11							
Gun, 20mm, automatic A.C.	4,253	0	0							
Gun, 37mm, automatic A.C.	2,883	79	3							
<u>Combat Vehicles</u>										
Tank, light	4,946	845b	17							
Tank, medium	2,827	79c	3							
Scout car	4,299	2,539d	59							
Personnel carrier, 8-man	7,896	1,352	17							
Personnel carrier, 13-man	8,647	315	4							
Machine gun, cal.30 (Var.)	69,409a	a	-							
Machine gun, cal.50 (H.B.)	13,398a	a	-							
Submachine gun, cal.45	56,233	22,686	40							
Gun, 37mm, tank	7,878	919	12							
Gun, 75mm, tank	2,797	47	2							
<u>Antiaircraft</u>										
Gun, 3" } Gun, 90mm }	1,856	552 } 33 }	32							
Gun, 37mm, A.A.	3,055	466	15							
Machine gun, cal.50 (W.C.)	22,966	1,184	5							
<u>Artillery</u>										
Gun, 75mm (H.S.)	1,778	773	43							
Howitzer, 75mm, field & pack	254	214	85							
Howitzer, 105mm	3,733	64	2							
Gun, 155mm	283	17	6							
Gun, 155mm (H.S.)	969	156	16							
Howitzer, 155mm (H.S.)	1,037	1,168	113							
<u>Unmodified & other models</u>										
Gun, 75mm	-	2,586	-							
Gun, 155mm	-	809	-							
Howitzer, 155mm	-	769	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	1,539,512	271,138	18							
Machine gun, cal.30 (Var.)	107,943	40,944	38							
Machine gun, cal.50 (H.B.)	32,146	2,385	7							
Gun, 37mm, antitank	9,523	832	9							
Mortar, 60mm	7,927	4,052	51							
Mortar, 81mm	4,566	1,406	31							

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 464, (c) 105, (d) 153.

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

Source of Information: Industrial Service, Ordnance Department

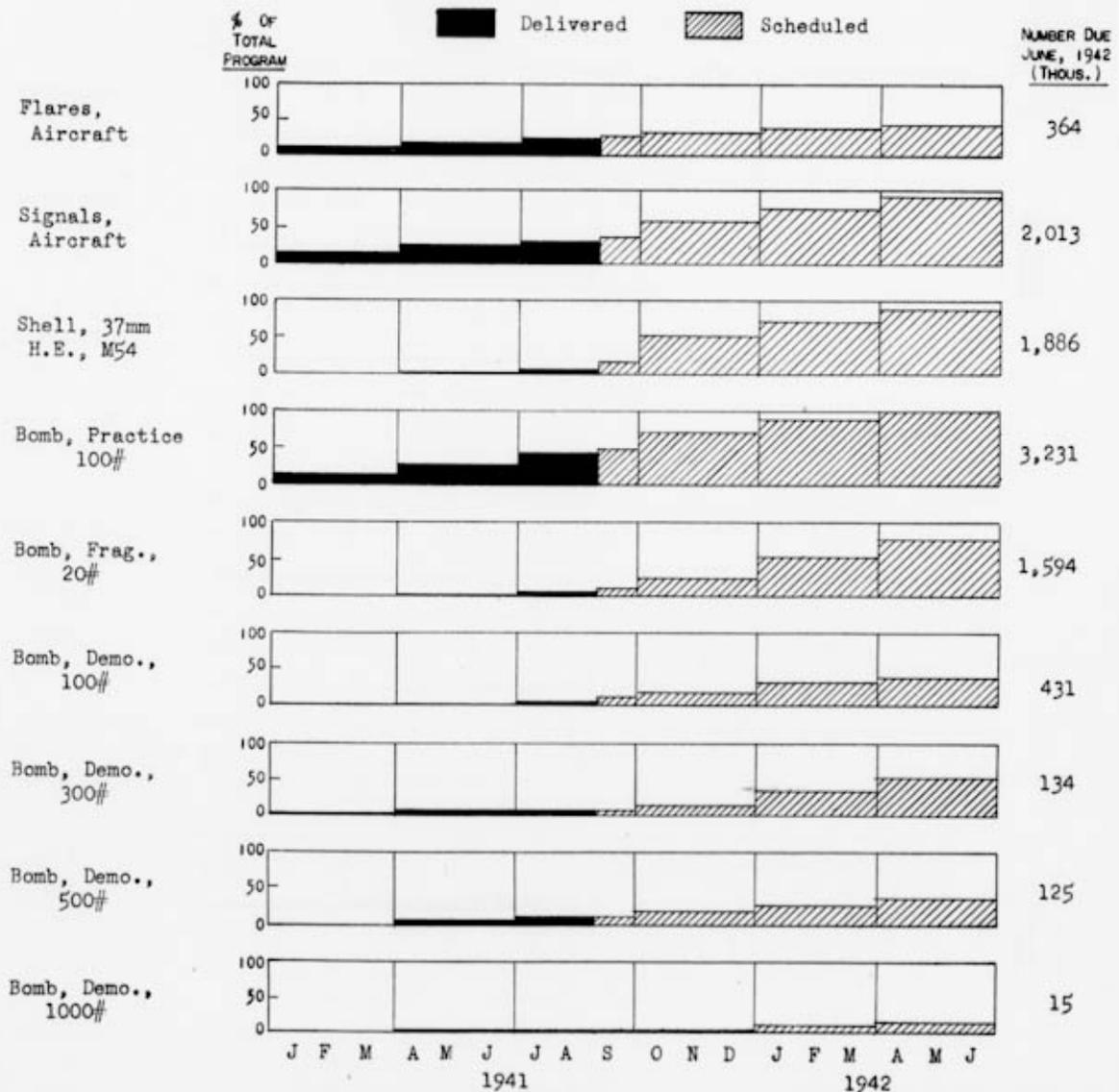
Item	Total procurement program (THOUSANDS)	Delivered thru August 31 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	111	85	100	9	6
Bomb, demo., 100#, 300#, 500#	1,687	115	55	58	9	7
Bomb, demo., 1000#	110	2	13	13	0	2
Bomb, chem., 30#, 100#	598	96	59	83	32	16
Cartridge, 20mm	110,882	735	11	4	-	1
Shell, H.E., 37mm	2,098	122	87	90	6	6
Flares	894	199	41	41	26	22
Signals	2,206	652	93	93	34	30
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	351	72	31	1	2
Shell, 3", H.E.	2,243	48	89	100	3	2
Shell, 90mm, H.E.	3,055	2	58	78	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	60	65	4	4
Shell, g & s, 75mm gun	1,108	10	97	99	1	1
Shot, A.P., 75mm gun	8,388	0	19	10	0	0
Shell, H.E., 75mm how.	4,279	238	99	100	6	6
Shell, H.E., 105mm how.	19,710	62	37	25	-	-
Shell, H.E., 155mm gun	1,358	0	72	57	0	0
Charge, prop., 155mm gun	2,248	225	48	49	10	10
Shell, H.E., 155mm how.	4,360	5	72	99	-	-
Shell, g & s, 155mm how.	1,370	324	65	90	24	24
Charge, prop., 155mm how.	6,547	843	70	86	11	13
Primer, 21 gr.	11,140	99	76	73	1	1
Fuzes (all)	13,699	3,082	80	81	22	22
<u>Infantry</u>						
Cartridge, cal.30	8,496,099	499,196	49	56	6	6
Links, met. belt, cal.30	1,011,225	101,563	99	99	10	10
Cartridge, cal.45	820,395	165,985	74	74	20	20
Cartridge, cal.50	2,950,663	59,282	31	31	2	2
Links, met. belt, cal.50	3,070,132	61,388	80	80	3	2
Shot & shell, 37mm	39,846	187	49	18	-	-
Shell, H.E., 60mm	11,310	39	53	42	-	-
Shell, H.E., 81mm	4,116	116	89	92	3	3
Shell, smoke, 81mm	456	0	87	94	0	0
Grenade, H.E., frag.	2,082	198	75	81	3	10
Signals, ground & light	4,179	575	77	81	18	14
Mine, antitank	3,146	0	65	65	0	0

AMMUNITION - AIRCRAFT & BOMBS - DELIVERIES & SCHEDULES - AUGUST 31, 1941

Source of information: Industrial Service, Ordnance Department

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

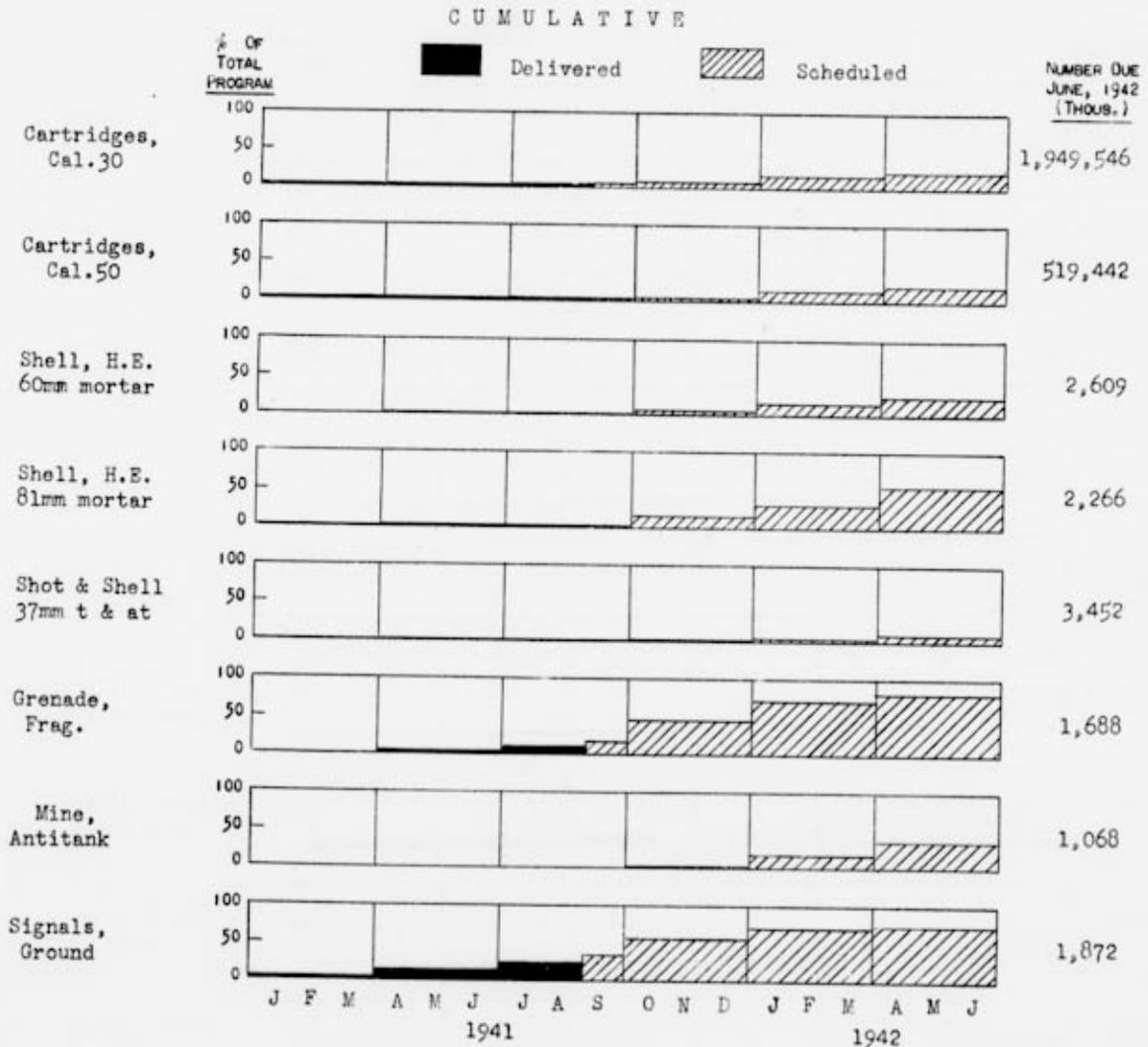
C U M U L A T I V E



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

Source of Information: Industrial Service, Ordnance Department

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

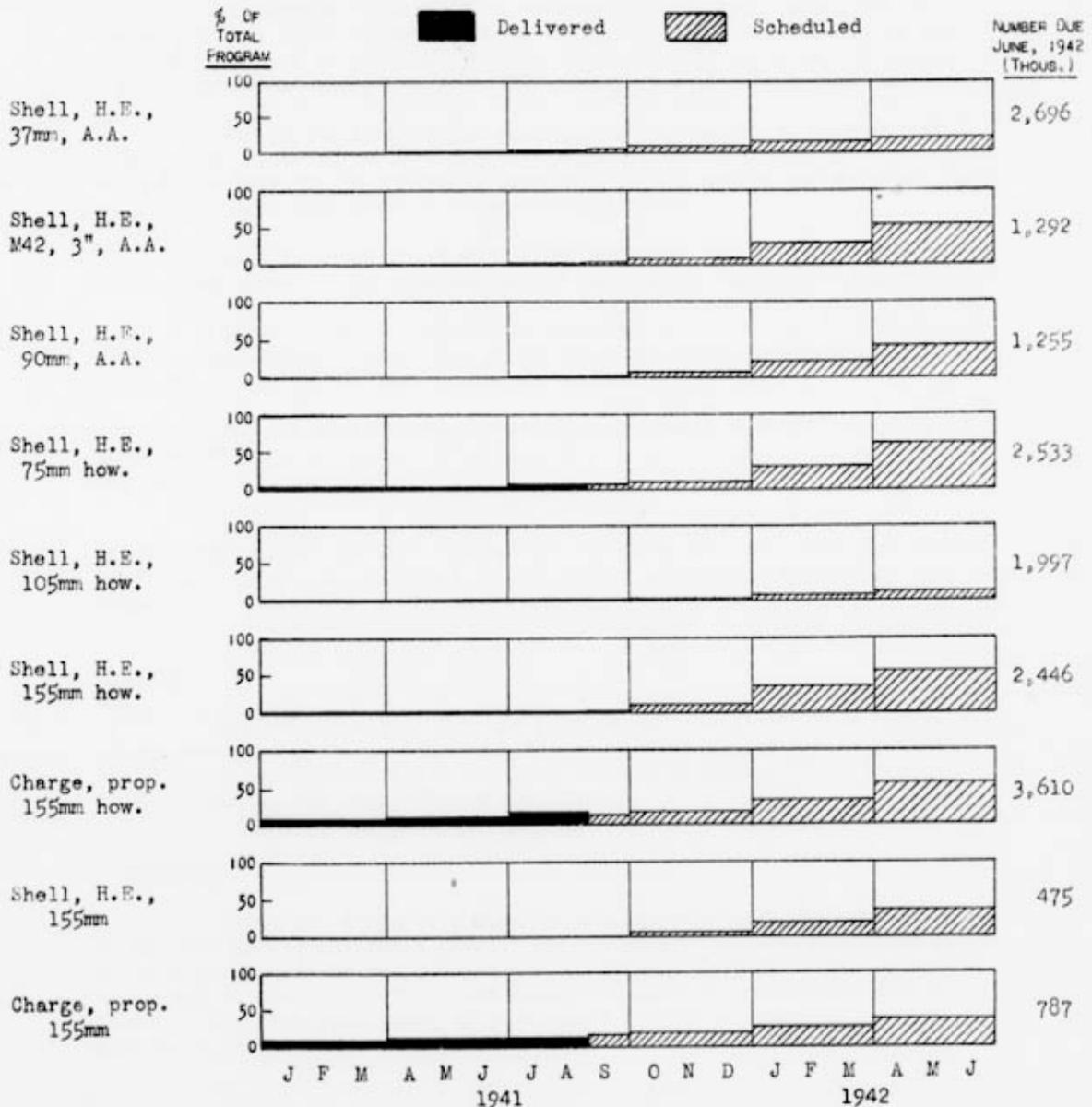


AMMUNITION - ANTI-AIRCRAFT & ARTILLERY - DELIVERIES & SCHEDULES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM

C U M U L A T I V E



TEXT SUMMARY - AIRCRAFT PROCUREMENT - SEPTEMBER 23, 1941

Source of Information: Materiel Division - Air Corps

AIRPLANES

Production of tactical airplanes for the Army during the first three quarters of September showed a decline of 30 percent over the corresponding period in August. Through September 23, there were accepted 188 tactical units in contrast to 270 for the comparable period in August.

During the first three quarters of September, 24 bombers were accepted in contrast to 38 during the August period. All Army acceptances of bombers thus far in September have been of the medium bomber type. No deliveries have been made of heavy or light types.

Pursuit acceptances were also down with 111 units being accepted through September 23 in contrast to 182 during the comparable August period.

Service combat acceptances continue on the August level with 53 units being accepted during the first three quarters of September in contrast to 50 during the like period in August.

Trainer acceptances, however, were upward with 408 units being accepted through September 23 in contrast to 370 units in the corresponding August period.

Unusually heavy acceptances of combat types will have to be made by the Army during the last quarter of September in order that the combat production figure may be equal to the record deliveries which were made in August.

ENGINES

Engine production for the Army during the first three quarters of September is up 16 percent over the comparable August period. Some 1,750 units were produced for the Army through September 23 in contrast to 1,500 during the comparable August period.

FACILITIES

About 450 transports were originally scheduled for production by Curtiss at its St. Louis plant. Approximately 60 percent of this production has had to be rescheduled at the Buffalo factory. This became necessary on account of the great amount of delay in completing the St. Louis plant. The reshipment of government furnished equipment and raw materials from St. Louis to Buffalo is nearly complete.

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

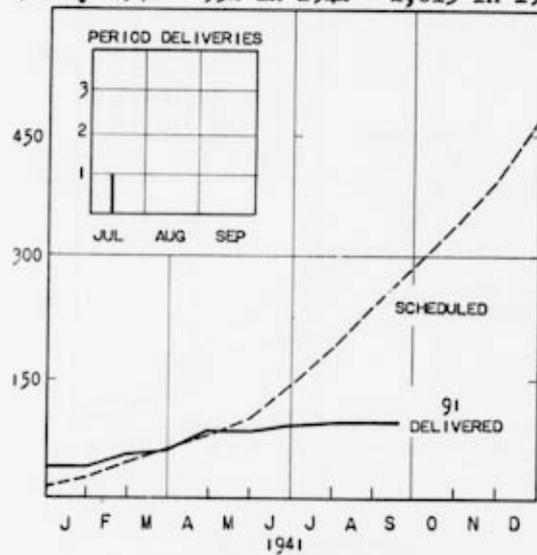
Source of Information: Consolidated Statistical Report - Air Corps

Item	Program			Under contract		Delivered 9/15/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,031	82	91	-	871
Medium bomber	4,616	1,200	5,816	4,616	79	312	-	1,200
Light bomber	1,882	150	2,032	1,382	68	207	500	150
Pursuit, fighter	709	1,150	1,859	859	46	81	-	1,000
Pursuit, inter.	4,394	4,700	9,094	6,194	68	1,171	-	2,900
Observation	533	-	533	533	100	239	-	-
Transport	1,118	230	1,348	1,308	97	77	-	40
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	19,015	73	2,193	500	6,161
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,418	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,610	-	-
Adv. tr., 1-eng.	3,297	360	3,657	3,657	100	742	-	-
Adv. tr., 2-eng.	2,632	1,050	3,682	3,532	96	110	-	150
Total Trainer	16,470	2,960	19,430	19,280	99	4,880	-	150
Grand Total	32,059	13,047	45,106	38,295	85	7,073	500	6,311
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	13,934	71	2,062	1,520	4,154
Medium bomber	9,232	3,200	12,432	5,575	45	960	3,657	3,200
Light bomber	3,576	150	3,726	2,576	69	1,082	1,000	150
Pursuit, fighter	1,418	2,300	3,718	1,392	37	573	26	2,300
Pursuit, inter.	4,394	4,700	9,094	4,394	48	1,452	-	4,700
Observation	533	-	533	533	100	428	-	-
Transport	2,358	460	2,818	1,624	58	413	734	460
Amphibian	148	2	150	150	100	13	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	30,212	58	7,017	6,937	14,964
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,794	-	-
Basic trainer	5,051	1,100	6,151	3,051	50	2,162	2,000	1,100
Adv. tr., 1-eng.	3,297	360	3,657	2,297	63	2,067	1,000	360
Adv. tr., 2-eng.	5,264	2,100	7,364	5,464	74	1,499	700	1,200
Total Trainer	19,102	4,010	23,112	16,752	72	8,522	3,700	2,660
Grand Total	49,779	25,446	75,225	46,964	62	15,539	10,637	17,624

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Includes both new production and assignments from stock pools.

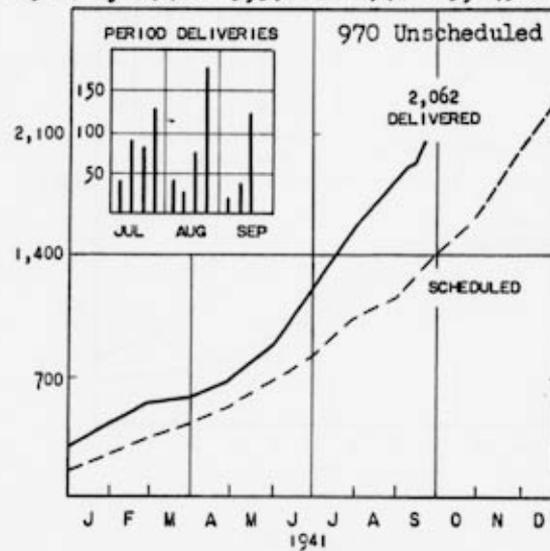
PROJECT AIRPLANES

4,031 HEAVY BOMBER
466 by 1941 - 952 in 1942 - 2,613 in 1943

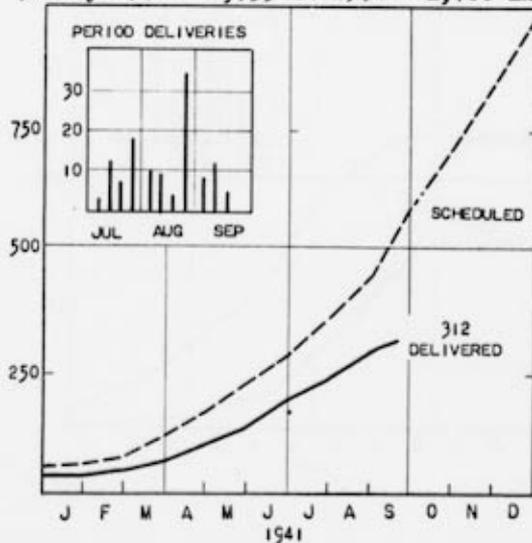


INSTALLATION ENGINES

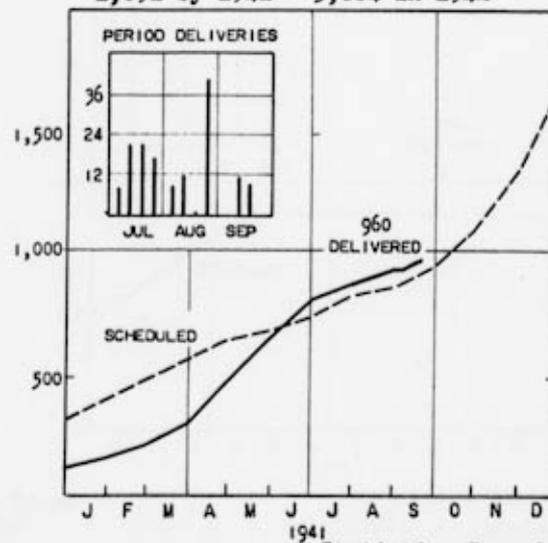
13,934 HEAVY BOMBER
2,217 by 1941 - 5,598 in 1942 - 5,149 in 1943



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

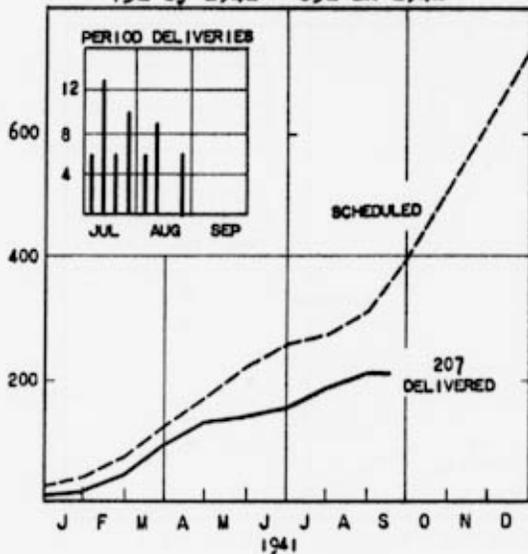


5,575 MEDIUM BOMBER
1,691 by 1941 - 3,884 in 1942



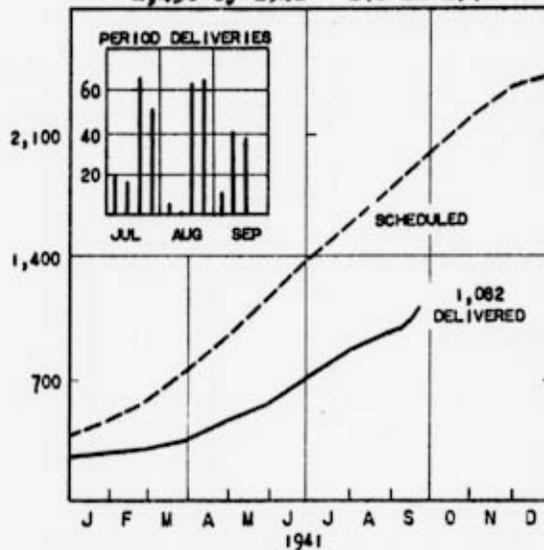
PROJECT AIRPLANES

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

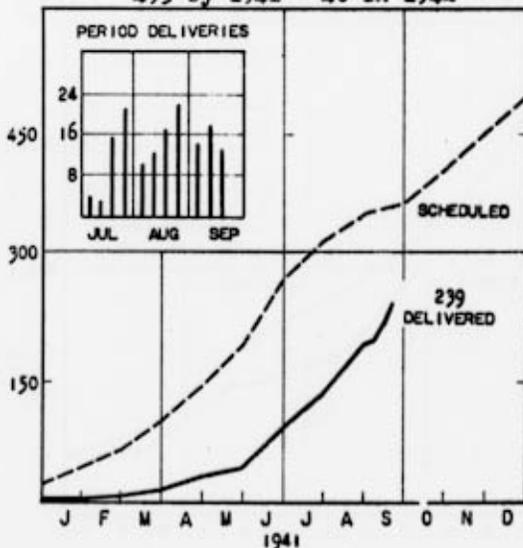


INSTALLATION ENGINES

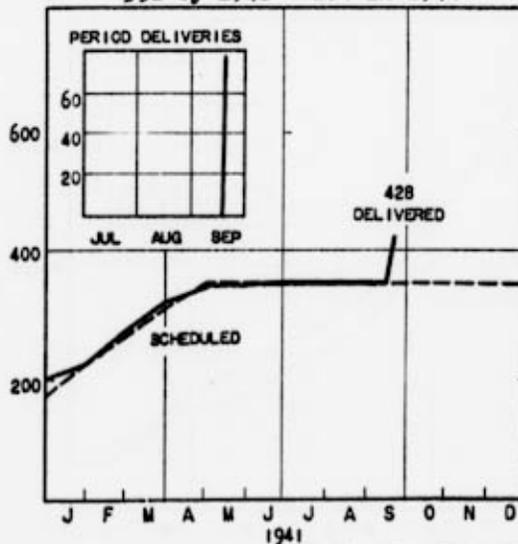
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



533 OBSERVATION
493 by 1941 - 40 in 1942

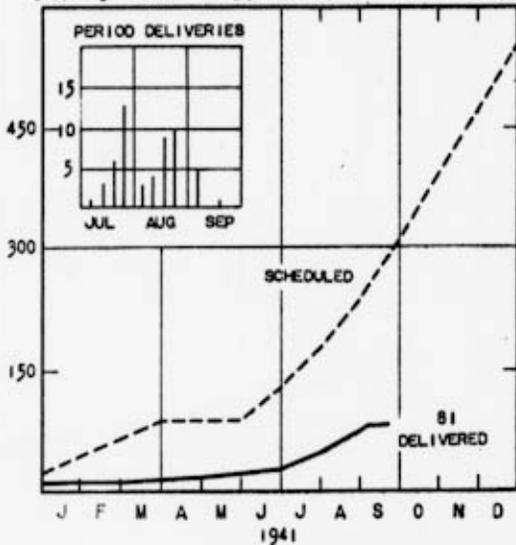


533 OBSERVATION
351 by 1941 - 182 in 1942



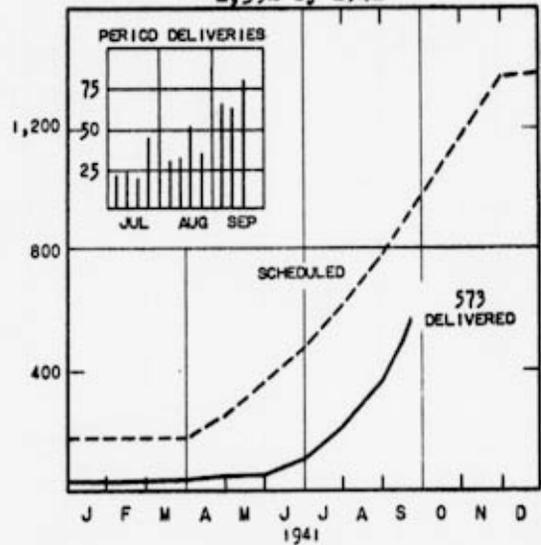
PROJECT AIRPLANES

859 PURSUIT FIGHTER
549 by 1941 - 233 in 1942 - 77 in 1943

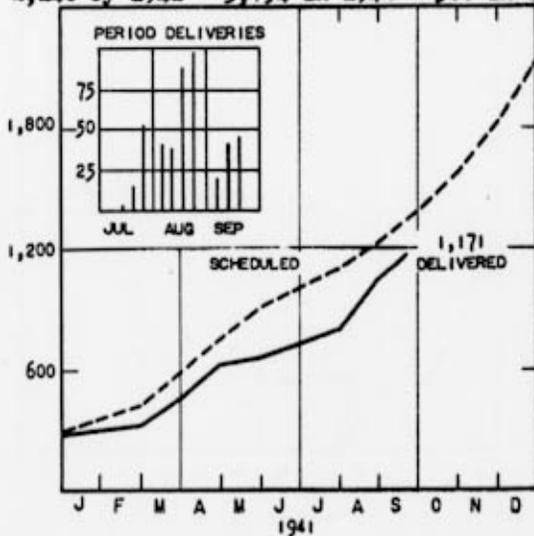


INSTALLATION ENGINES

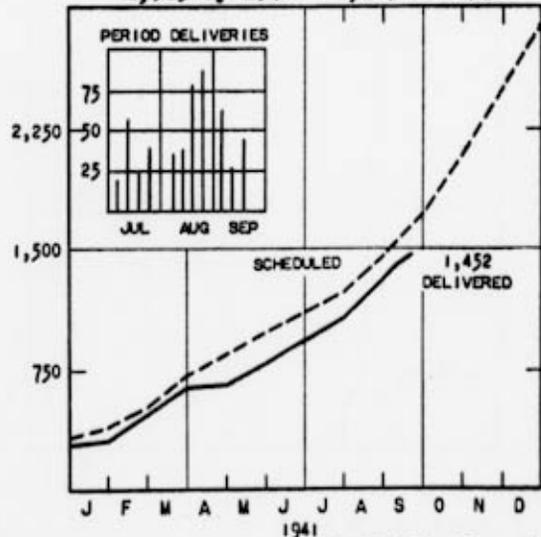
1,392 PURSUIT FIGHTER
1,392 by 1941



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

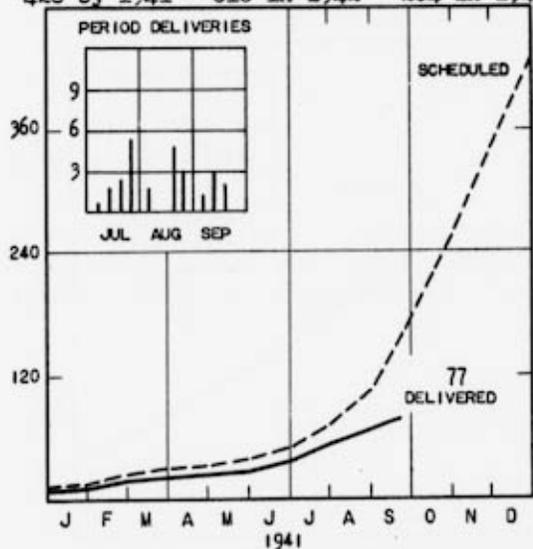


4,394 PURSUIT INTERCEPTOR
2,915 by 1941 - 1,479 in 1942



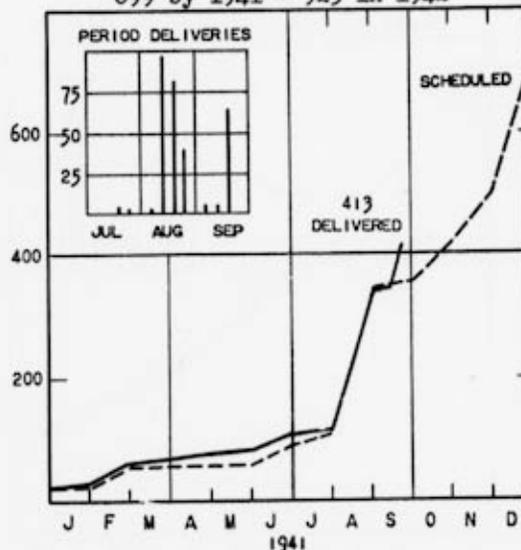
PROJECT AIRPLANES

1,308 TRANSPORT
428 by 1941 - 616 in 1942 - 264 in 1943

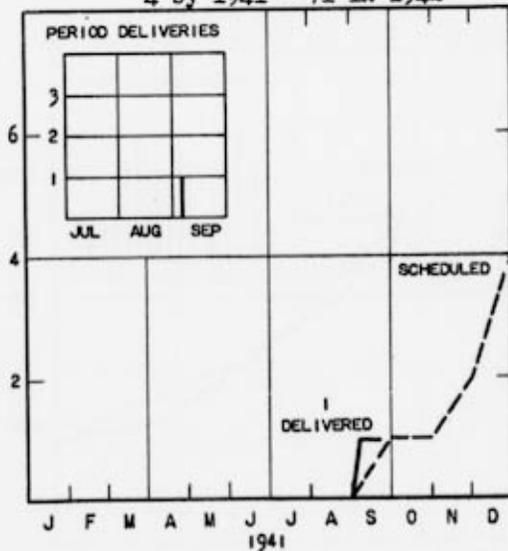


INSTALLATION ENGINES

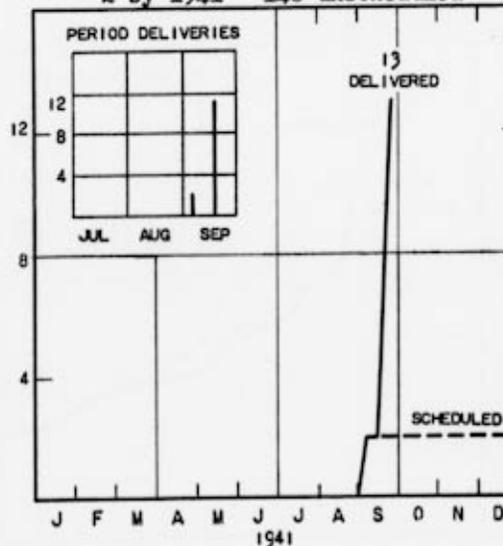
1,624 TRANSPORT
699 by 1941 - 925 in 1942



75 AMPHIBIAN
4 by 1941 - 71 in 1942

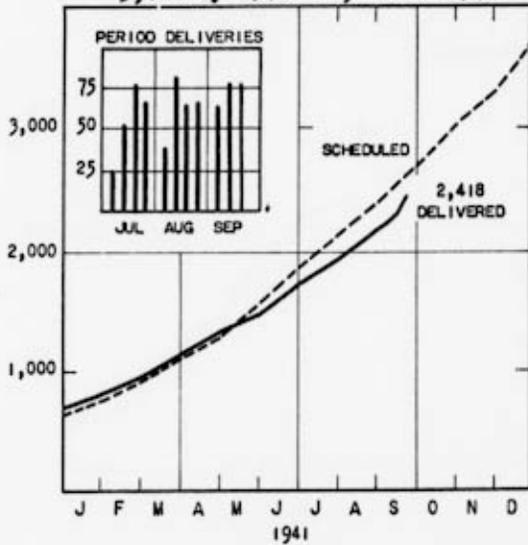


150 AMPHIBIAN
2 by 1941 - 148 unscheduled



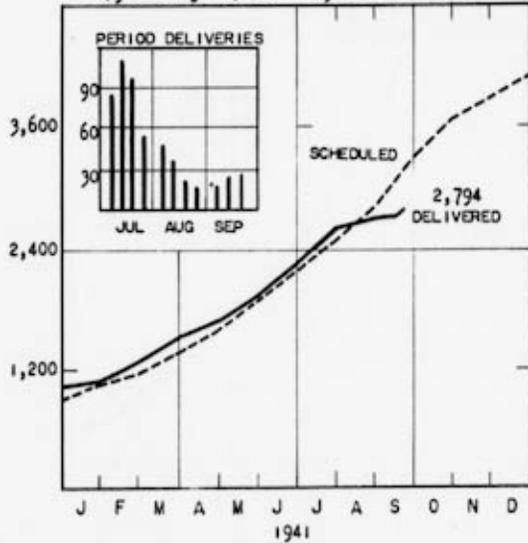
PROJECT AIRPLANES

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

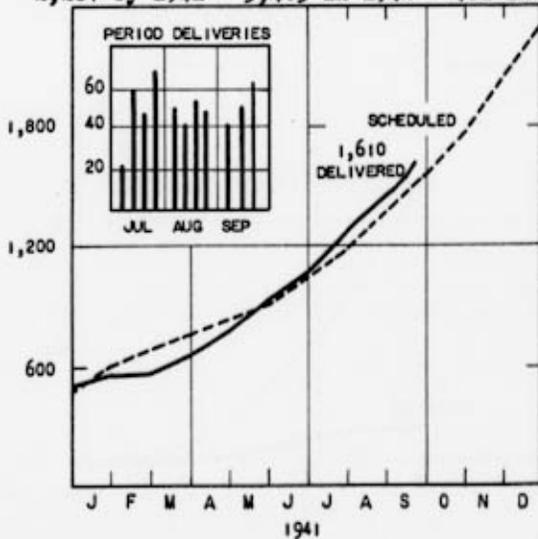


INSTALLATION ENGINES

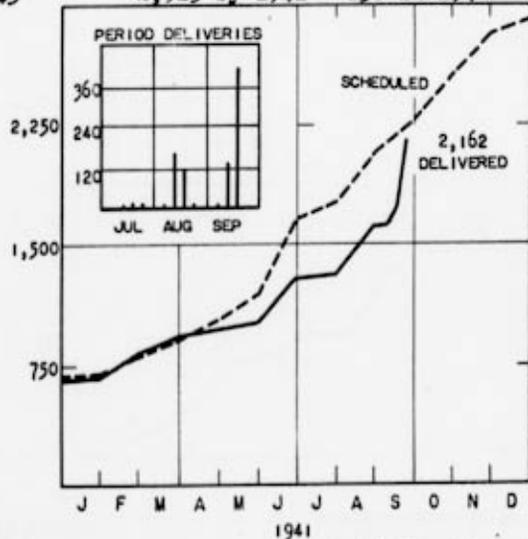
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,403 in 1942 - 461 in 1943

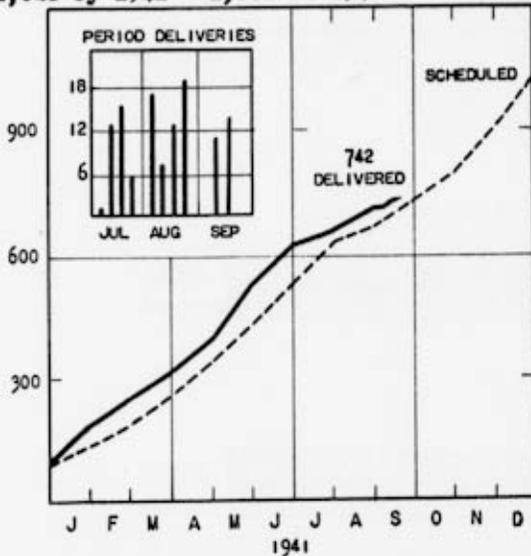


3,051 BASIC TRAINER
2,915 by 1941 - 136 in 1942



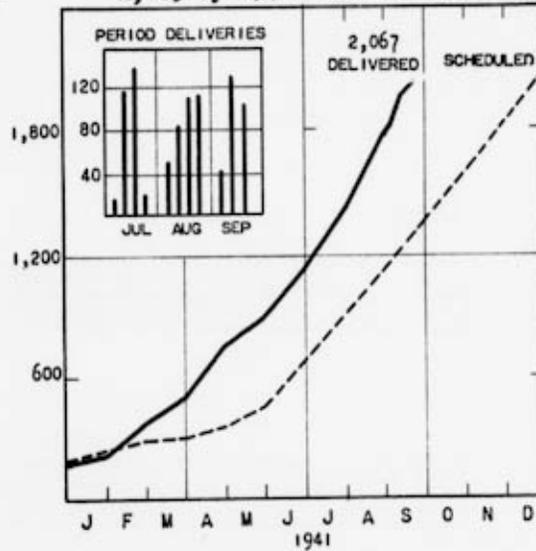
PROJECT AIRPLANES

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

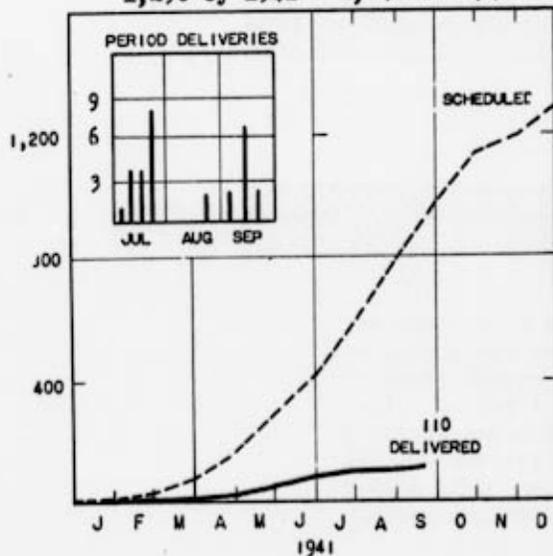


INSTALLATION ENGINES

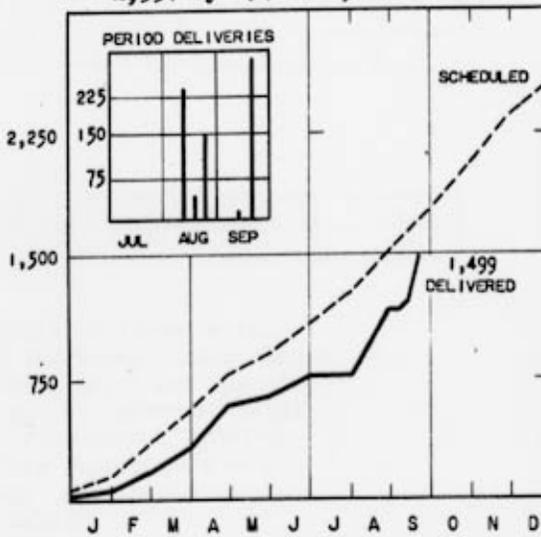
2,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 212 in 1942



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



5,464 ADVANCE TRAINER, 2 ENGINE
2,557 by 1941 - 2,907 in 1942



PERCENT OF AIRCRAFT EMPLOYEES ON PLANT SHIFTS - MARCH & AUGUST 1941

Source of Information: Bureau of Labor Statistics, Labor Department

TOTAL INDUSTRY

	First shift	Second	Third
March	58%	31%	11%
August	57%	32%	11%

AIRFRAMES

March	61%	31%	8%
August	59%	32%	9%

ENGINES

March	49%	30%	21%
August	48%	30%	22%

PROPELLERS

March	50%	32%	18%
August	51%	31%	18%

The percent of aircraft employees working on each plant shift has shown little change in distribution between March and August 1941. During this period, however, total aircraft employment rose from 152,000 to 213,000 workers. This represented an increase of 40 percent. Data based on productive employment only.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 2, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of September 15, complete delivery has been made on 56 of the 132 basic items being procured from 1941 funds. The 76 remaining items are completely contracted and an average of 81 percent of their total programs has been procured. Deficiency Appropriation programs have been completely contracted and an average of 55 percent of their combined programs has been delivered. Of the combined 1942 programs, an average of 59 percent has been contracted and an average of 3 percent has been delivered.

Contracts -- During the quarter-monthly period ended September 15, contracts were awarded on basic items covering 21 million units at a cost of 7 million dollars.

Deliveries -- During the quarter-monthly period ended September 15, deliveries were effected on 59 of 76 items procured from 1941 funds; on 32 of 36 items procured from Deficiency Appropriation funds; and on 23 of 102 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 270 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 72 are delinquent; of these, 20 are more than 10 percent delinquent.

MOTOR VEHICLES

Contracts -- As of September 23, contracts have been awarded for 262,458 vehicles, obligating 352 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 224,206 vehicles has been contracted, and 75 percent delivered. Ninety-one percent (38,252) of the estimated 1942 program has been contracted of which 6 vehicles have been delivered.

Deliveries -- During the quarter-monthly period ended September 23, deliveries were reported on 5,232 vehicles. This brings cumulative deliveries under 1941 funds to 163,552 vehicles at a cost of 210 million dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 8,691 vehicles were behind schedule; 4,694 vehicles, however, were delivered ahead of schedule.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 2, 1941

Source: Statistics Branch, Office of the Quartermaster General

CONSTRUCTION

Obligations -- As of September 15, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 1,595 million dollars or 69 percent of the estimated total cost. Ninety-one percent of the 1941 program and 15 percent of the 1942 program have been obligated.

Construction in Place -- Construction in place for combined 1941 and 1942 programs amounts to 1,347 million dollars or 58 percent of the currently estimated cost. Seventy percent of the total housing requirements has been met and 57 percent has been occupied. Of the 546 projects currently authorized:

163	projects	are	100%	complete
37	"	"	from 95 to 99%	complete
73	"	"	from 76 to 94%	complete
77	"	"	from 51 to 75%	complete
62	"	"	from 26 to 50%	complete
106	"	"	from 1 to 25%	complete
28	"	"	not started	

Schedules & Delinquencies -- Of the 318 projects from 1 to 94 percent complete, 84 are ahead of schedule, 115 are on schedule and 119 are behind schedule. Value of construction in place, however, is less than one percent behind value of construction scheduled.

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

<u>Item affected</u>	<u>Man days</u>	<u>Contractor's Name & Address</u>
Substance (meat)	31,860	Chicago Meat Packing Co., Chicago, Ill.
Truck cab doors**	21,000	International Harvester, Springfield, Ohio
Tubing used in trucks	19,000	Wolverine Tube Co., Detroit, Mich.
Construction steel	16,400	Knoxville Iron Co., Knoxville, Tenn.
Cotton duck	5,400	Lincoln Mills, Huntsville, Ala.
Truck frames*	4,200	Midland Steel Products, Cleveland, Ohio
Switches for trucks	2,250	H. A. Douglas Mfg. Co., Bronson, Mich. (sub-contractor for Chrysler Motors)

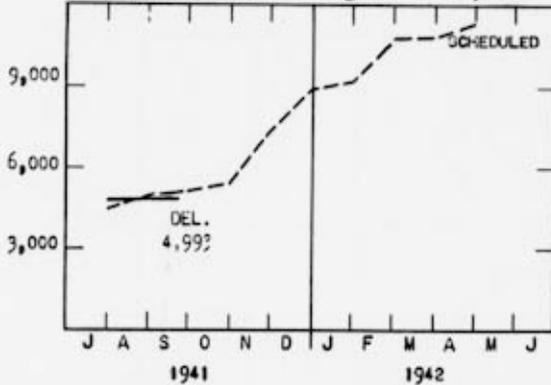
*Willys-Overland reports if frames are not delivered soon, Q.M.C. truck contracts will be seriously delayed.

**Fort Wayne plant partially suspended operations due to lack of doors.

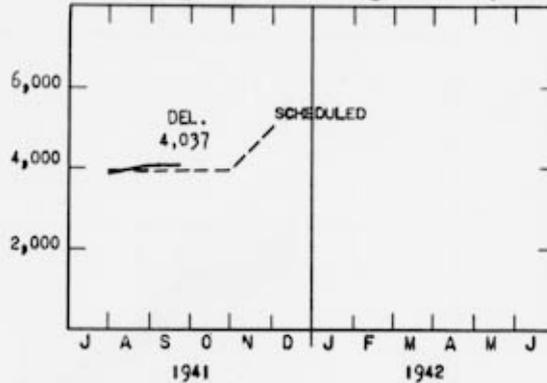
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 - Sept. 23, 1941

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

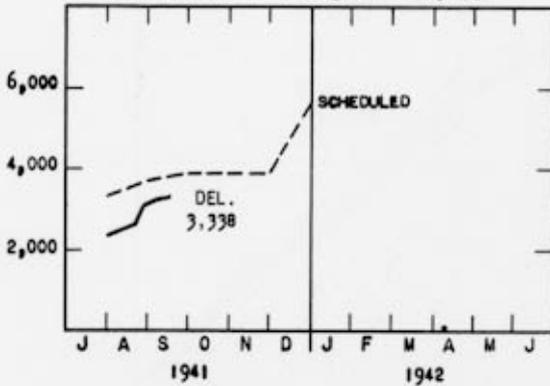
Motorcycles. Program - 10,293



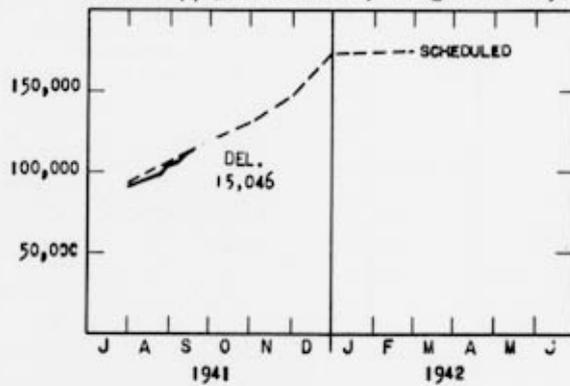
Passenger Cars. Program - 4,922



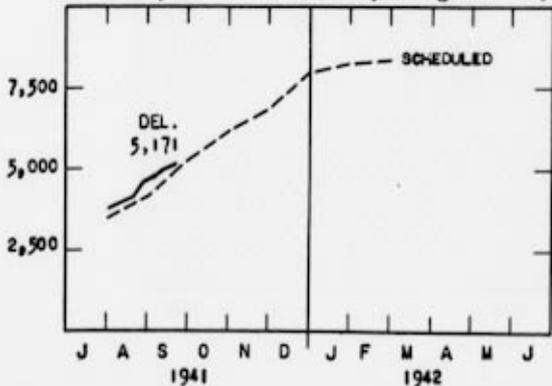
Ambulances. Program - 5,635



Trucks (1/2-3 ton incl.) Program - 160,794



Trucks (4-ton & heavier). Program - 8,124



Trailers, Semi-trailers. Program - 34,438

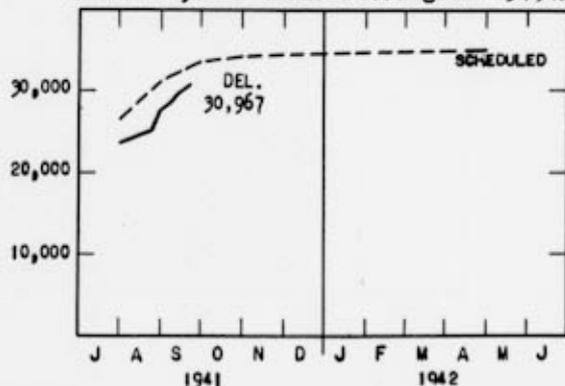


DIAGRAM - Q. M. C. CONSTRUCTION IN PLACE - September 15, 1941

Source of Information: Construction Division, Office of Quartermaster General

MILLION
DOLLARS

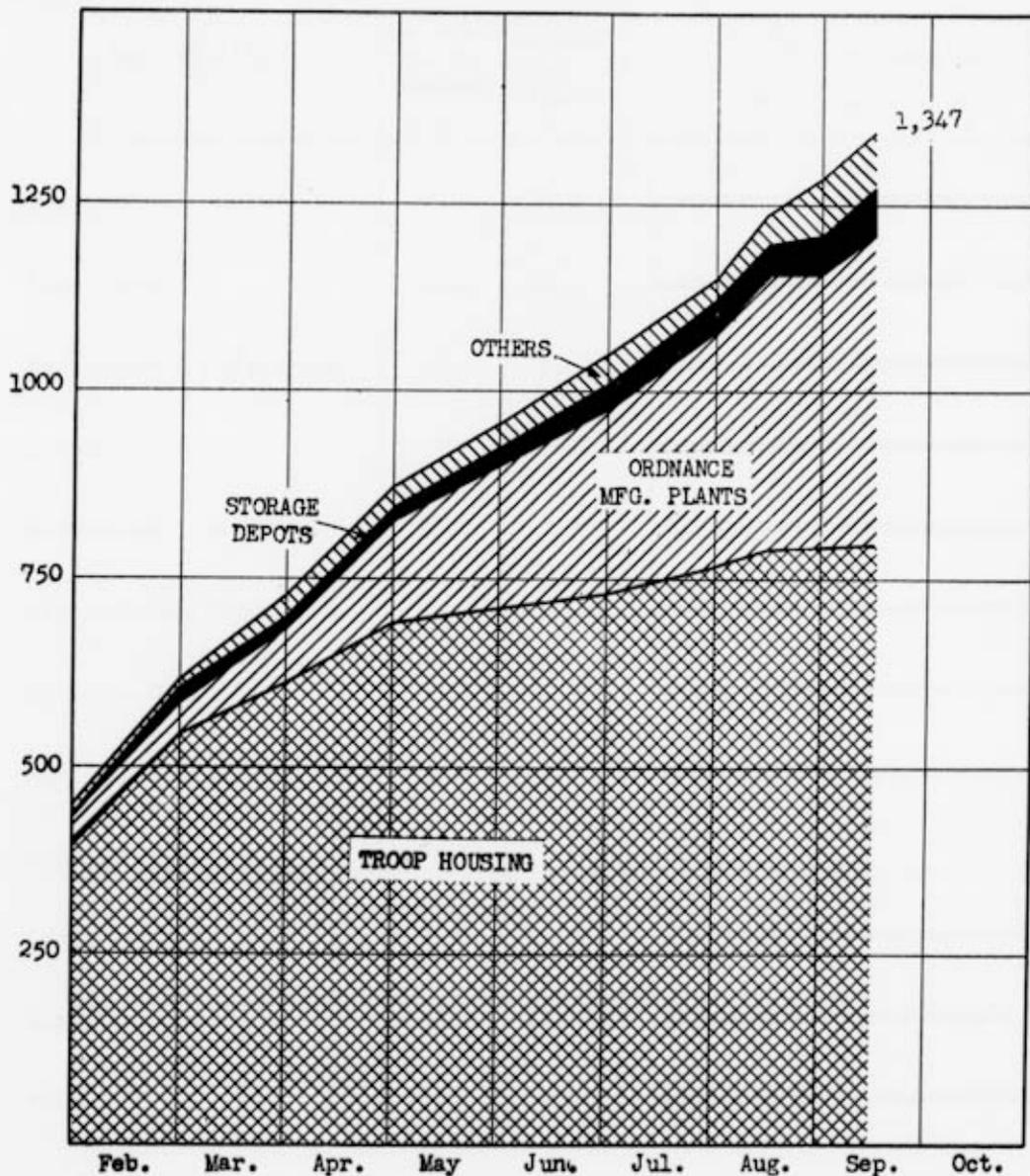
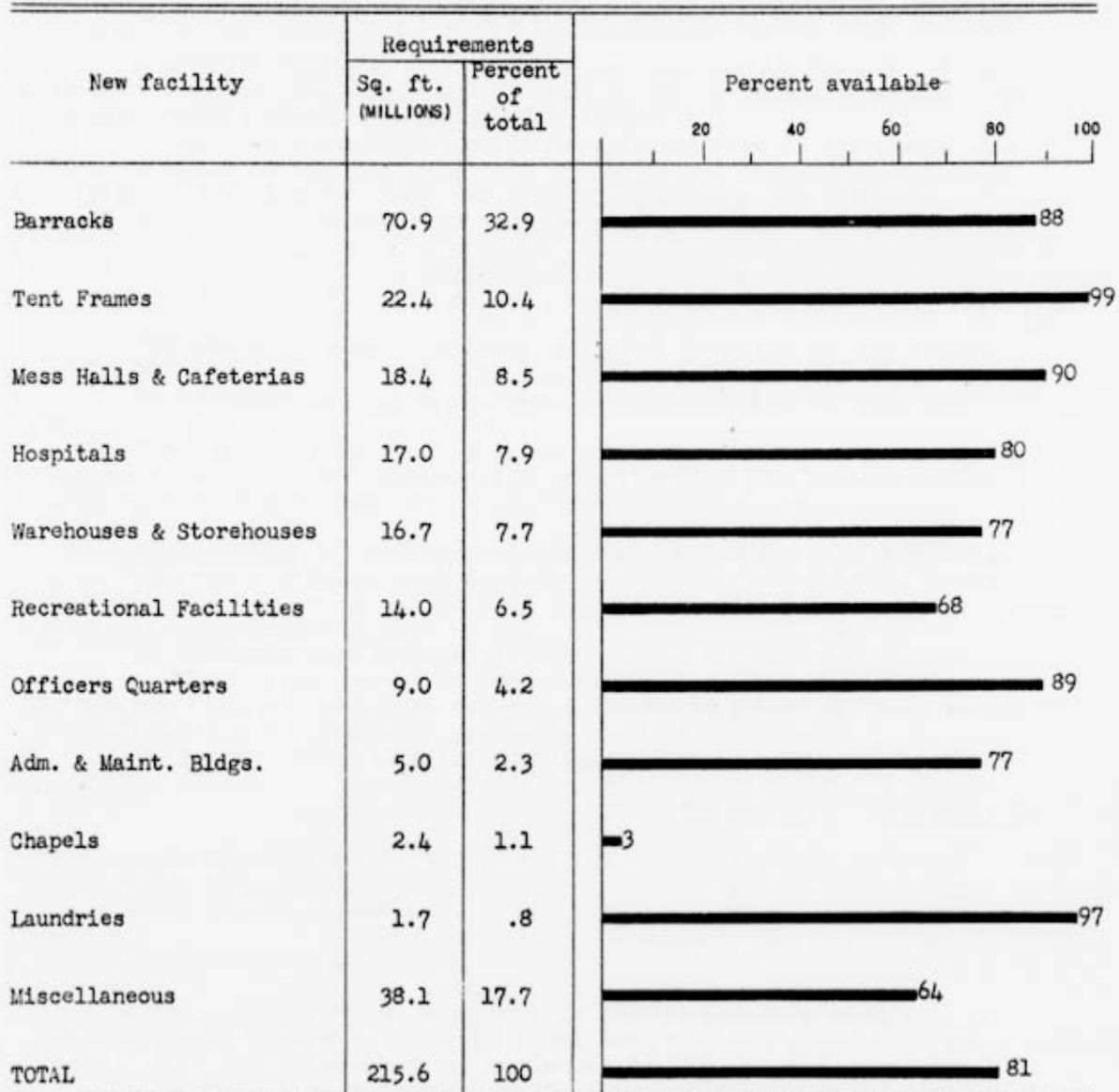


DIAGRAM - Q. M. C. CONSTRUCTION - AREA REQUIREMENTS & AVAILABILITY

Source: Statistics Branch, Office of the Quartermaster General - August 30, 1941



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS - SEPT. 27, 1941

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

STATUS OF CONTRACTS - Contracts have been awarded for all critical items of aircraft signal equipment on the F.Y. 1941 procurement program. The value of these contracts is approximately \$90,055,000.

Contracts are now being awarded for aircraft items on the Regular and First Supplemental F.Y. 1942 programs. The estimated cost of this equipment is \$320,329,000 of which amount \$87,272,000 has already been obligated.

New contracts awarded last week included:-

4,971 Interphone equipment RC-36
11,994 Radio set command SCR-522

DELIVERIES - Total deliveries to include September 27, had a value of \$11,967,000, or 13.3% of the F.Y. 1941 aircraft equipment program.

No deliveries are due on equipment being procured on the F.Y. 1942 programs.

There are seventeen critical items on the F.Y. 1941 program upon which deliveries are due. The procurement of four items has been completed. Deliveries were received last week on ten of the seventeen aircraft items.

DELINQUENCIES - Four aircraft items are behind scheduled deliveries; i.e., three types of Radio compass and Frequency meter sets SCR-211. Rapid acceleration of production of Radio set command, SCR-274, has removed this item from the delinquency list.

No deliveries were received on Radio compass SCR-263 or Frequency meter set SCR-211, last week. The latter is being procured for both air and ground use. Current production is being allocated to ground equipment as aircraft requirements are amply covered by available quantities.

The present status of delinquent items follows:

	<u>Due Aug. 31</u>	<u>Del. Sept. 27</u>
Radio Compass SCR-263	700	504
Radio Compass SCR-269	581	121
Radio Compass SCR-280	200	138
Frequency meter set SCR-211	1,023	123

LABOR DIFFICULTIES - Production of several important radio sets is being adversely affected by a strike at Insolantite, Inc., Belleville, New Jersey. This company manufactures insulators for Signal Corps contractors.

A strike is also in progress at the Muskegon, Mich. plant of Anaconda Wire & Cable Company, contractor for copper wire.

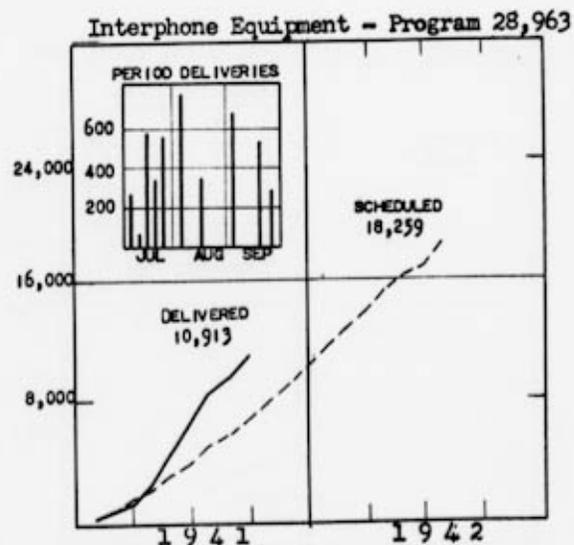
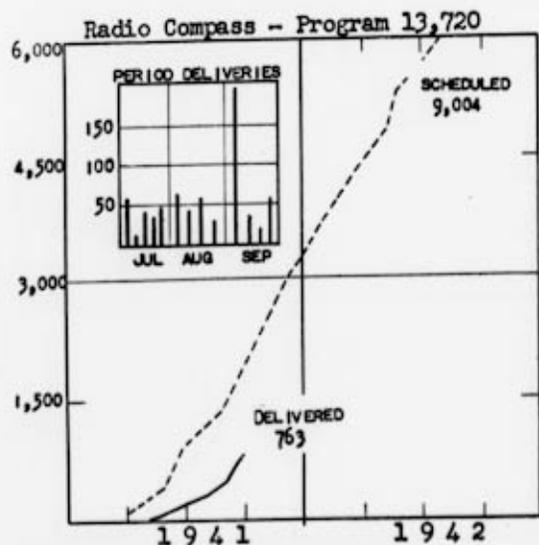
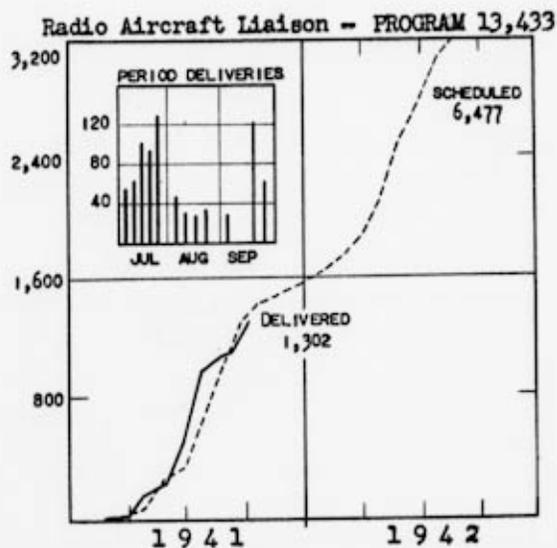
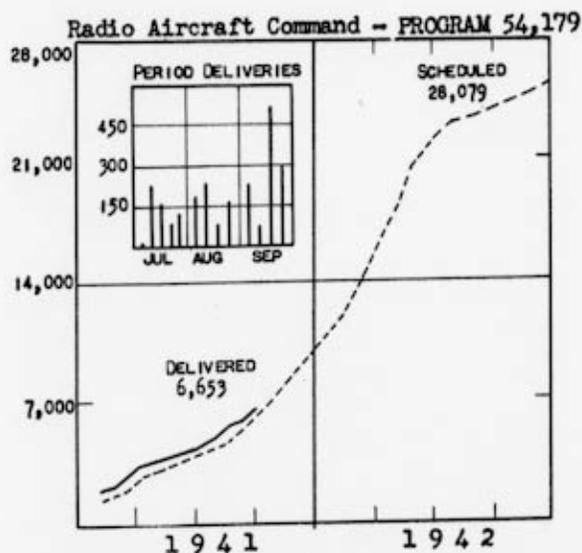
SIGNAL CORPS - DELIVERIES -- ITEMS AHEAD & BEHIND SCHEDULES - SEPT. 27, 1941

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

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>AIRCRAFT COMMUNICATION:</u>												
Filter equipment RC-32		5,823									54	
Frequency met set SCR-211	900		88									
Headset HS-23		3,000								8		
Interphone equipment		5,498									102	
Marker beacon receiving equipment		1,189									52	
Microphone T-20		750									20	
Microphone T-30		6,985									30	
Radio compass	718		48									
Radio sets (total)		2,012										34

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
 September 27, 1941

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



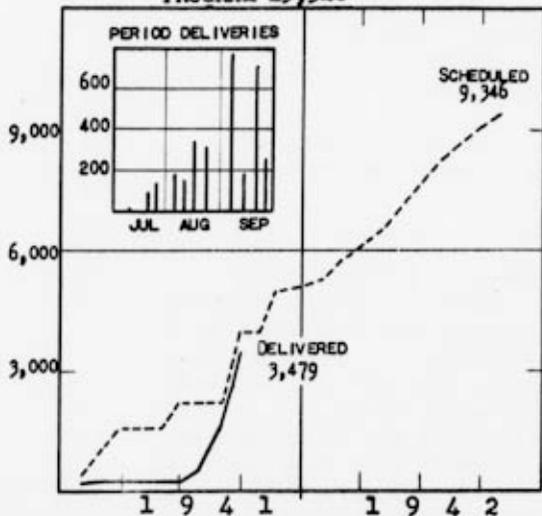
Signal Corps

Statistics Branch
 OUSW - 10-6-41

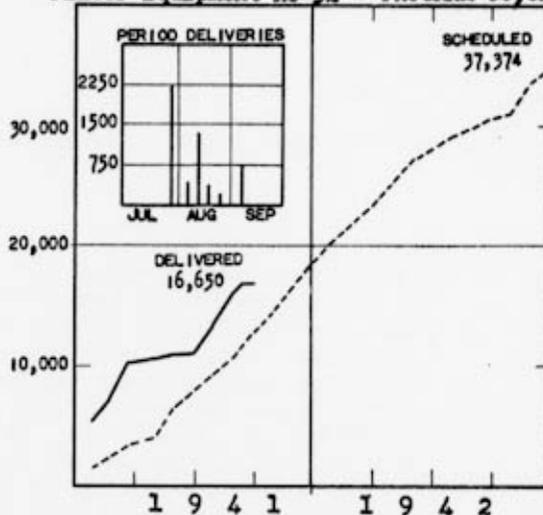
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
September 27, 1941

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

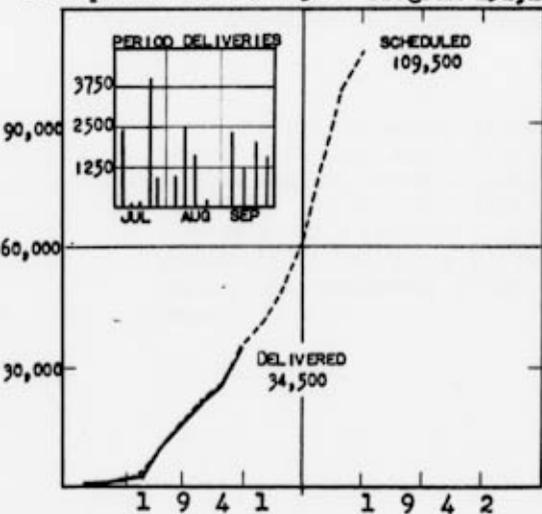
Marker Beacon Receiving Equipment
 PROGRAM 15,326



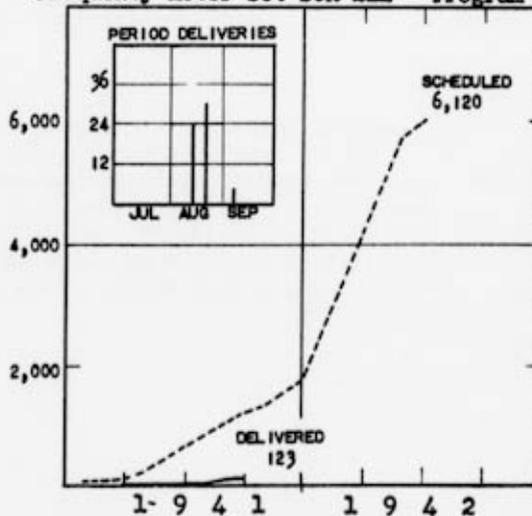
Filter Equipment RC-32 - PROGRAM 60,820



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



Frequency Meter Set SCR-211 - Program 12,738



Signal Corps

Statistics Branch
 OUSW - 10-4-41

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

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

Of the 47 items of engineer equipment being followed by this office, 6 are completely delivered. They are:

Angledozer for medium tractor	547
Boat, assault, with paddles	3446
Dup. equip., gel., 22" x 33"	229
Hammer, gas-operated	1079
Map reprod. equip., C.A. Hqs.	4
Welding and cutting set	182

The gasoline hammer program was completed during September when 16 units were delivered.

During the first three quarters of September deliveries were received on only 11 items. Three of these (the air compressor, the 5 kw electric lighting equipment and the 18" searchlight) are still catching up on contracts which were scheduled for completion some time ago. In the case of the searchlight the completion date was June 30. Of those behind schedule, the item showing the poorest performance is the trailer for the 60" searchlight. On September 23 there were 2125 scheduled and only 376 delivered. For the past three quarter-months 375 were scheduled and 138 delivered. This is an improvement over past records but is still only 50 percent of the number expected. One item, the lens-prism stereoscope, is well ahead of schedule, with only 29 scheduled and 76 delivered. This is an item for which optical glass is required and shows that the engineers are beginning to receive some of this very scarce commodity.

The 60" antiaircraft searchlight program is beginning to slow down. Since September 1 the Sperry Company was scheduled for 75 lights and delivered 69, while the General Electric Company was scheduled for 57 and delivered only 37. Sperry is 151 lights behind schedule while General Electric is 23 ahead. The slowdown is by authority of the Corps of Engineers in order to continue production during the changeover to an improved model in the last quarter of the year.

CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEM'S - SEPTEMBER 23, 1941

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

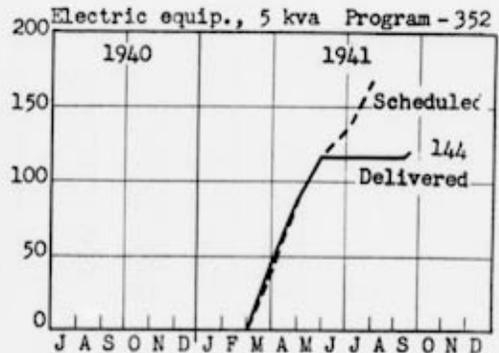
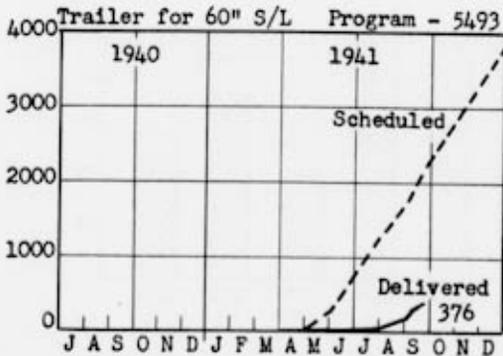
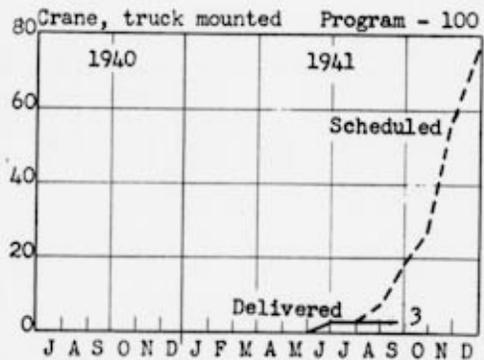
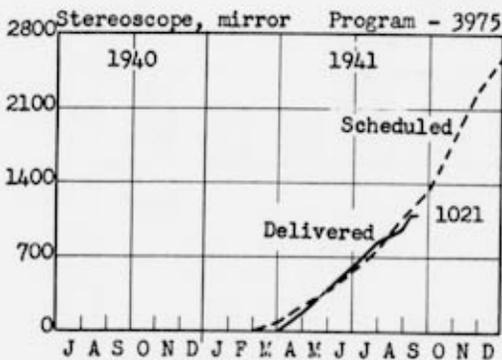
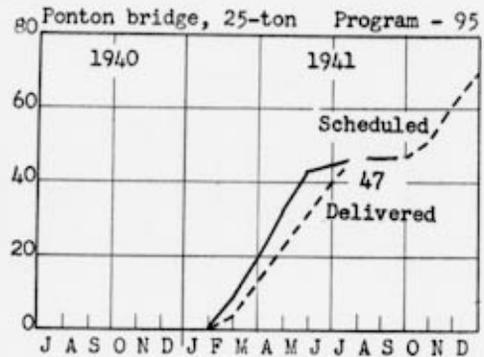
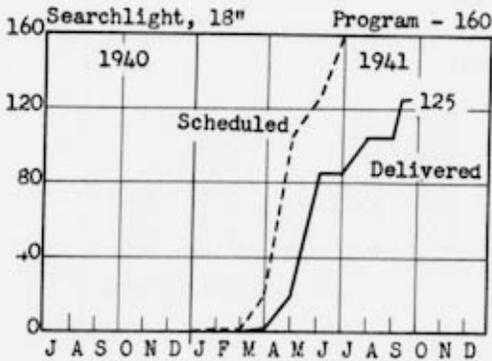


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH SEPTEMBER 23, 1941

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

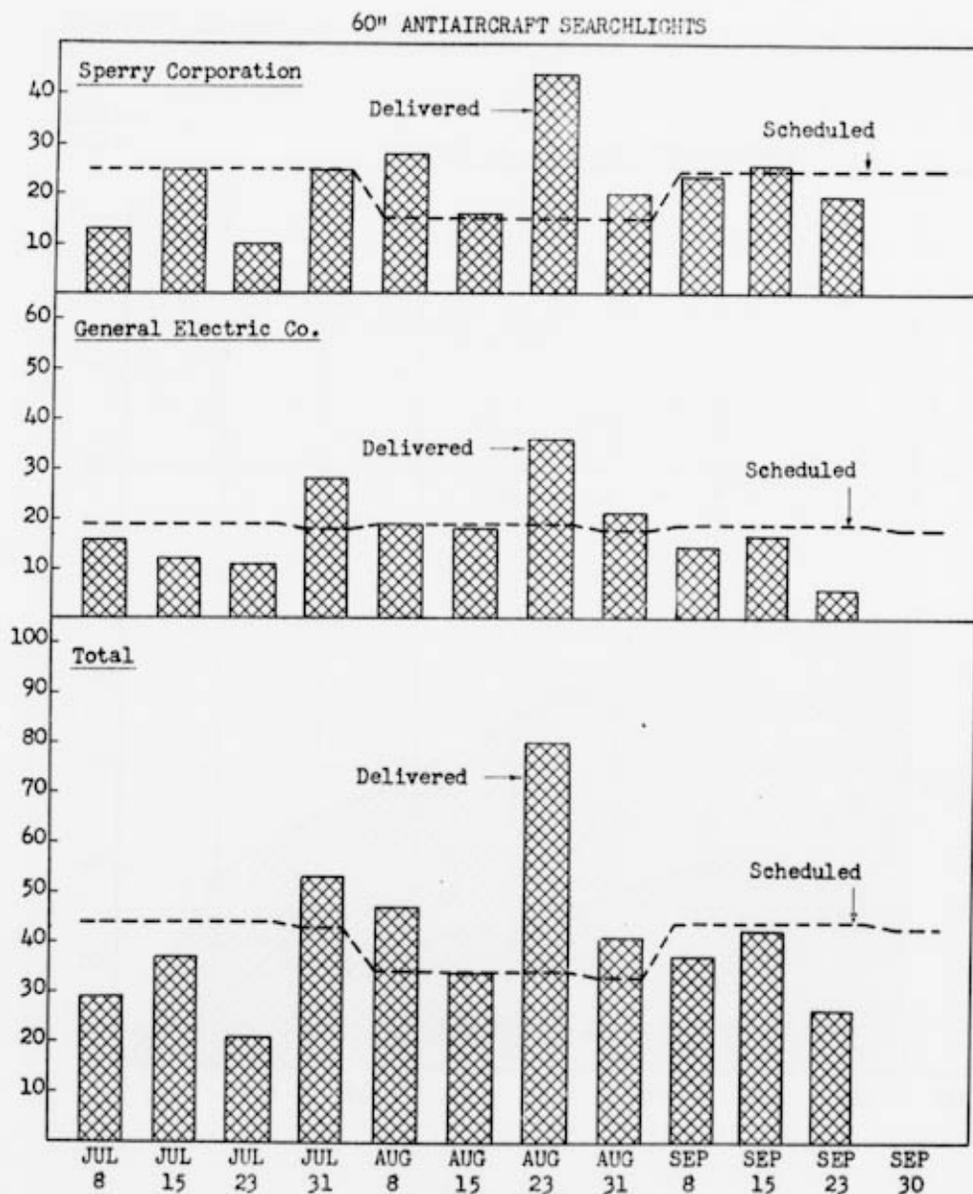
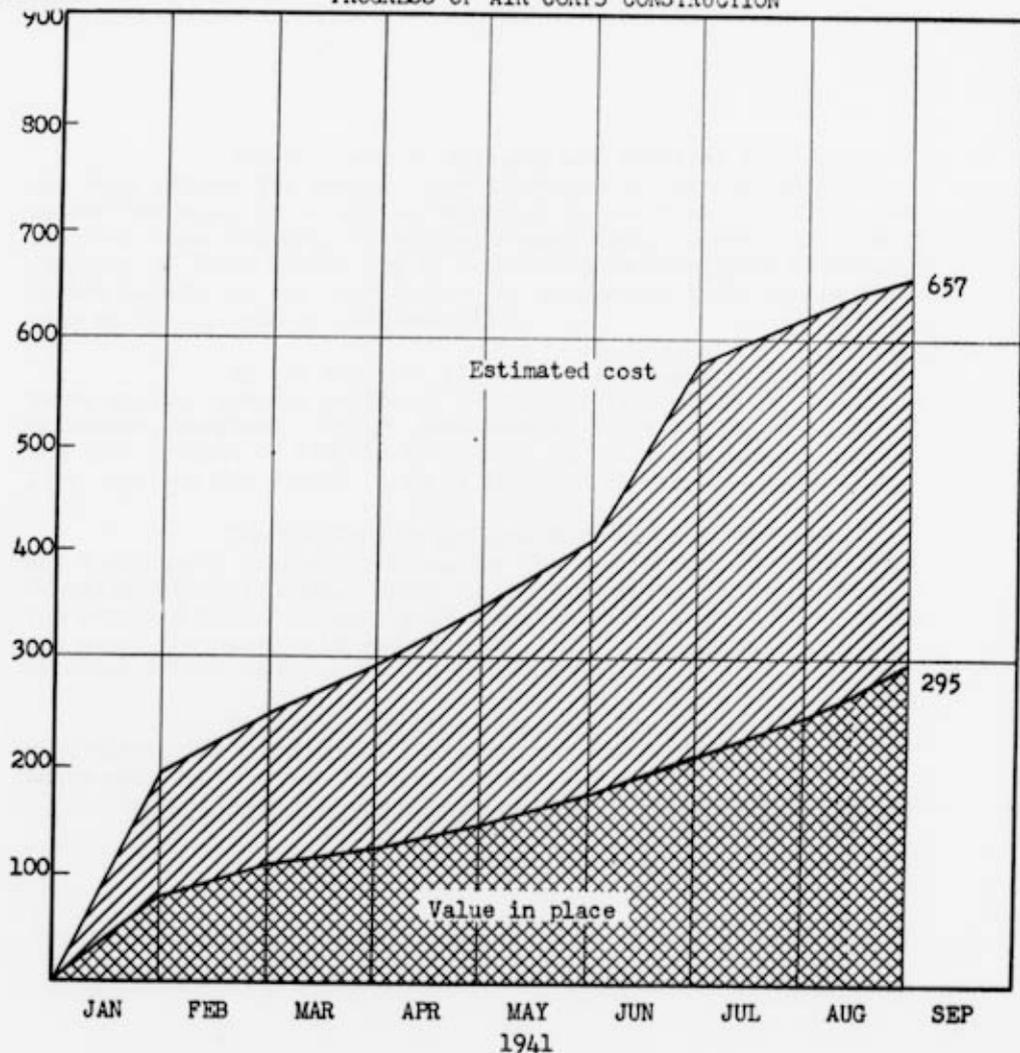


DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - AUGUST 31, 1941

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

Million
dollars

PROGRESS OF AIR CORPS CONSTRUCTION



Corps of Engineers

38

Statistics Branch
OUSW - 10-4-41

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED OCTOBER 4, 1941

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

The delivery of Dressing and Hospital Sterilizers has been delayed for several months because of the inability to secure the brass inner shells necessary in their manufacture. The American Brass Company, Waterbury, Connecticut, is now able to make delivery of these shells and as a consequence sterilizer manufacturers should, in the near future, be completing their contracts held up by the lack of this material.

By the delivery of 15,000 Bath Robes during the third quarter monthly period of September, S. Rosenbloom, Inc., Baltimore, Maryland, brought that item to 500 ahead of schedule. The 1941 program of 420,816 Bath Robes is 74.5% completed. The last contract for 90,000 is to be finished January 24, 1942.

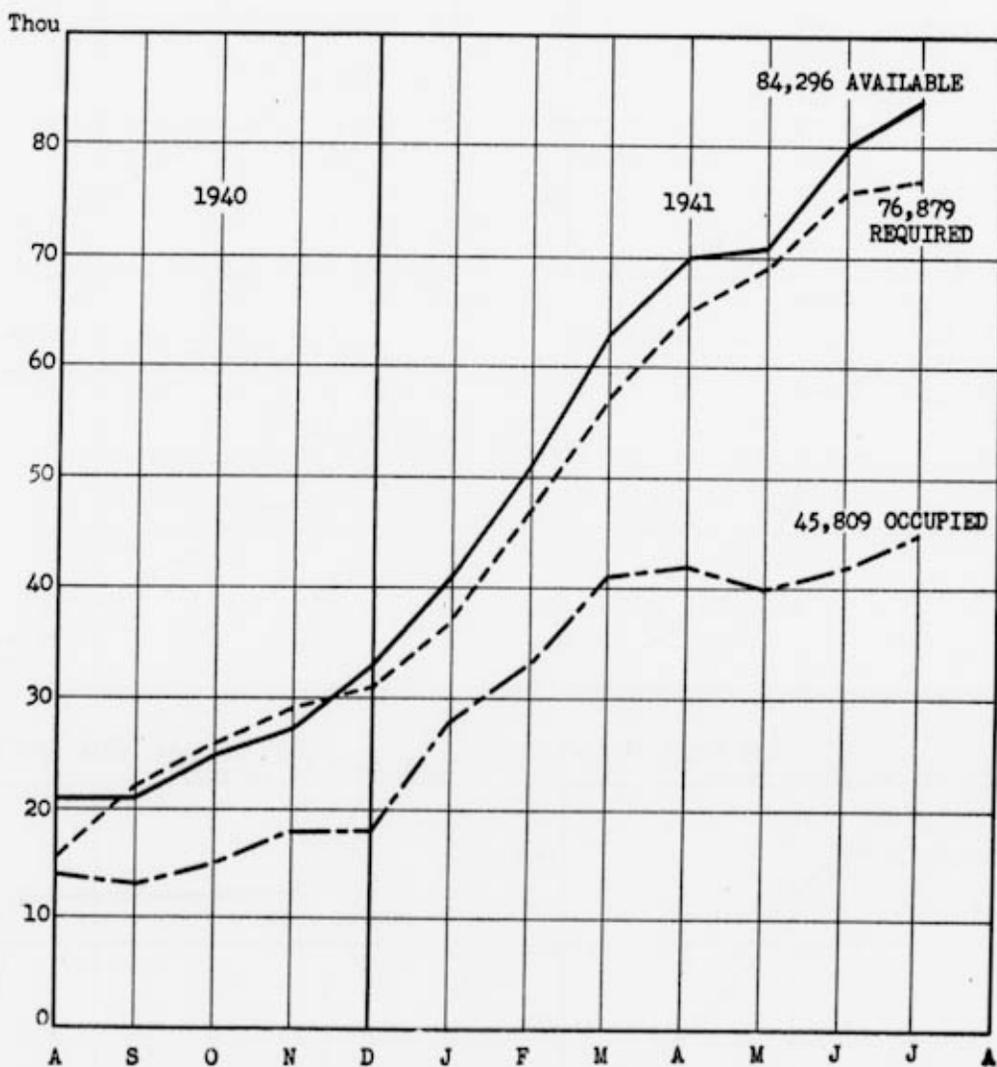
The New York Drop Cloth Mfg. Company, New York, New York, has a contract calling for the manufacture of 2,500 Canvas Splint Set Cases. Owing to the extensive requirements of the Army and Navy for heavy duck and webbing from which these cases are made, the company is encountering difficulty in securing this material. This contract is 750 behind schedule.

In the week ending September 25, the percentage of sick within the continental limits of the United States was 3.27. There were 3.09 percent in hospital and .18 percent in quarters.

MEDICAL DEPARTMENT - HOSPITAL BEDS REQUIRED, AVAILABLE, AND OCCUPIED - JULY 31, 1941

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

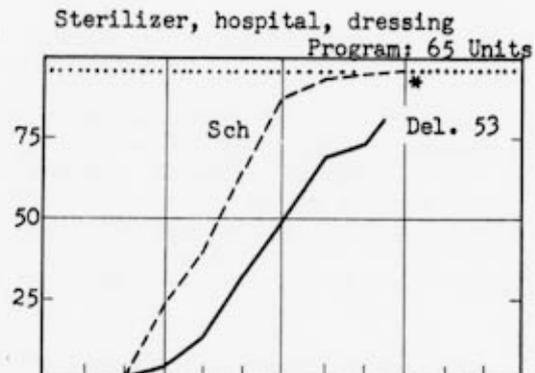
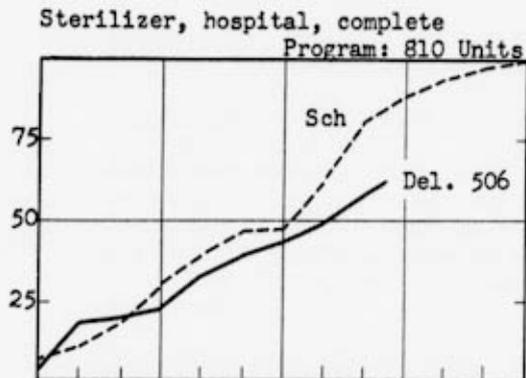
Requirement based on five percent of total of officers, nurses, enlisted strength.



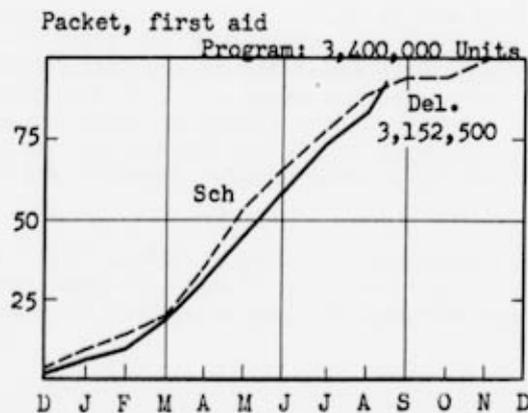
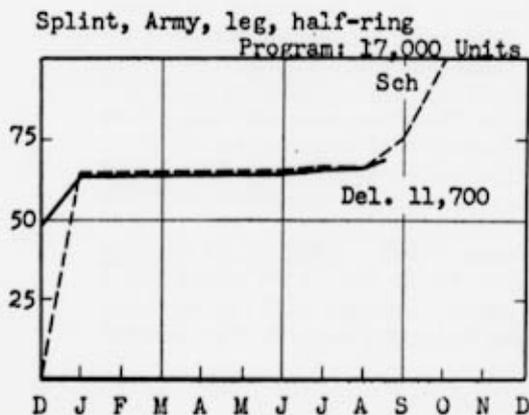
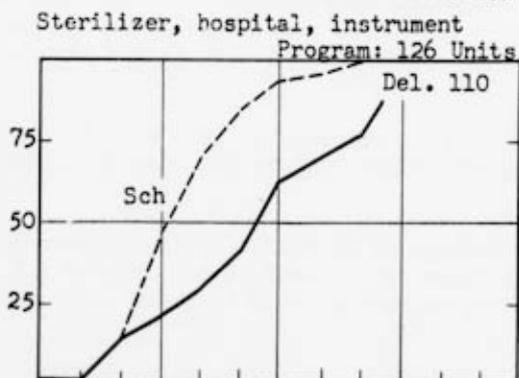
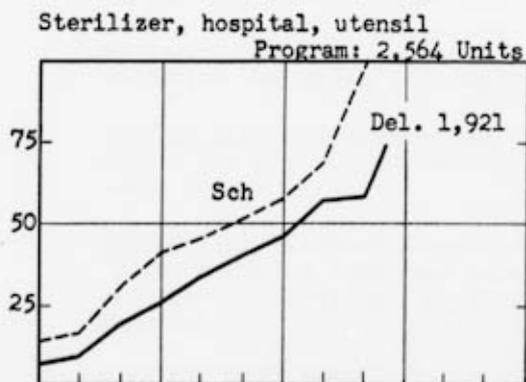
MEDICAL DEPARTMENT - DELIVERY STATUS - SIX CRITICAL ITEMS - SEPTEMBER 15, 1941

Source of Information: Medical Department Procurement Progress Reports

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



*Contracted: 96.9%



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS SEPTEMBER 26, 1941

Source of Information: Chemical Warfare Service Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on three Critical and nine Essential items of the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 58,776 units in comparison with 47,961 units reported last week. No Optical or Diaphragm Masks were reported delivered. The shortage of lenses still affects the assembly of the few remaining Optical Masks called for by the program. The assembly of Diaphragm Masks under the Fifth Supplemental Appropriation Act has not started, although scheduled for the week.

There were 3,800 Training Masks reported delivered during the week of this report.

REGIMENTAL MASK REPAIR KITS: Chemical Warfare Service reports a delivery of 268 Regimental Gas Mask Repair Kits. The cumulative deliveries total 96 per cent of the number placed under contract. Deliveries were somewhat delayed due to the lack of certain component parts which were difficult to secure. However, it is expected that these kits will be completely assembled during the next week.

MUSTARD GAS: The Mustard Gas production for this week is reported as 131 tons. The accumulated deliveries now total 31 per cent of the amount placed under contract.

IMPREGNITE: Edgewood Arsenal reports production of 9.69 tons of Impregnite "I" of which 7.4 tons were accepted. The remaining 2.29 tons are undergoing inspection. A delivery of 273,984 eight-ounce tubes of Shoe Impregnite was reported.

AIRPLANE SMOKE TANKS: The 1940 program called for 984 Mark-10 or Wing Type Smoke Tanks. The order for these tanks is active and 97 units have been reported delivered. It is expected that deliveries will proceed at the rate of 32 tanks per week. The 1941 contract calls for 3,964 tanks and deliveries are scheduled to begin December 1, 1941 at the rate of 950 tanks per month. The 1942 contract is a continuation contract of 1,036 tanks and deliveries will begin on this contract as soon as the other contracts are complete.

No deliveries have been reported on the Mark-20 and 21, or Bomb-Bay Types. It is reported that deliveries are somewhat delayed because of the critical shortage of Monel metal.

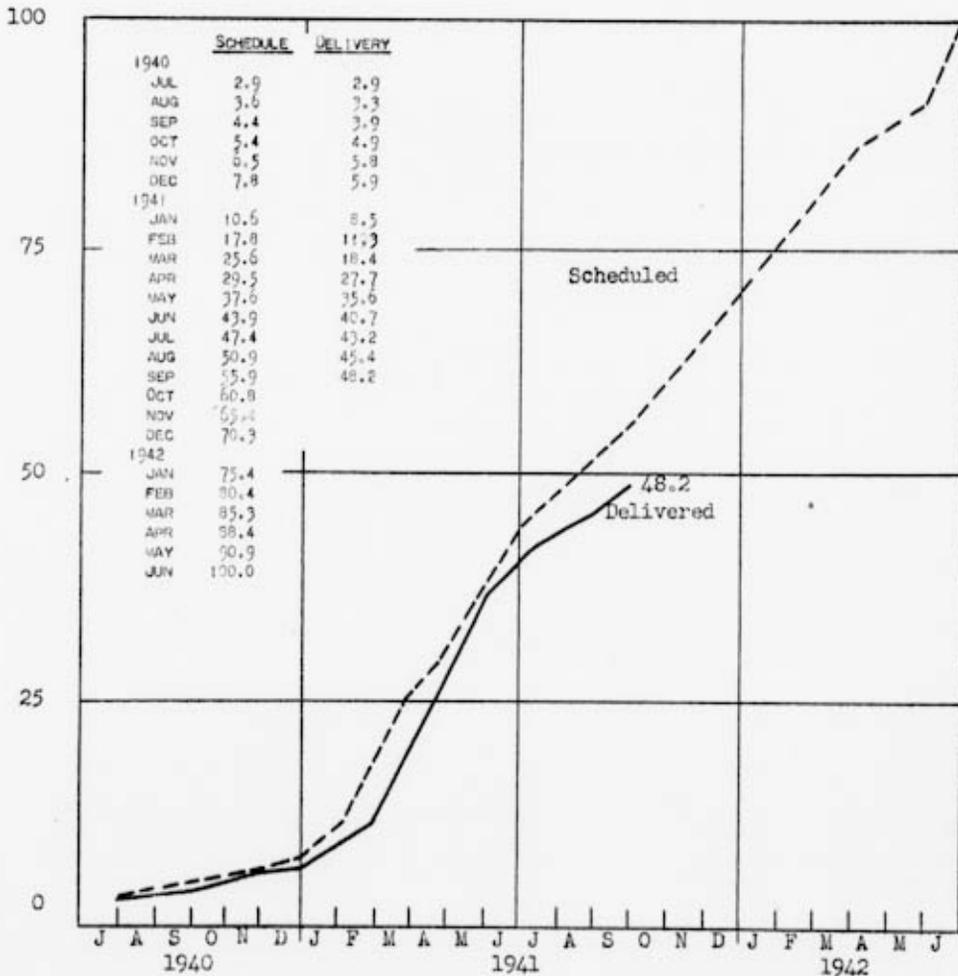
VARIOUS DELIVERIES: There were 540 Irritant Candles; 9,850 Dust Respirators; 2,479 Smoke Pots, and 12.97 tons of Demustardizing Bleach delivered during the week of this report. There were also 32 Detonation and 130 Instructional Identification Sets reported delivered.

PROCUREMENT INDEX
CHEMICAL WARFARE

SELECTED CRITICAL ITEMS

Source of Information: Chemical Warfare Service

Status September 26, 1941



Index shows status of Chemical Warfare Material procurement for the Fiscal Years 1940, 1941 and 1942 including the First Supplemental Appropriation Act. Figures are based upon the scheduled and actual deliveries of 15 Critical items, which have been weighed according to the estimated unit cost of each.

PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
CRITICAL ITEMS

Source of Information: Chemical Warfare Service

September 26, 1941

	<u>Total Programs 1940-41-42</u>	<u>Percent Delivered</u>	<u>Percent Contracted</u>
Mask, Gas, Optical	116,623	99	100
Mask, Gas, Diaphragm	1,360,802	68	100
Mask, Gas, Service	3,496,234	65	100
Canister, Optical	46,362	42	100
Canister, Service	1,511,183	22	100
Canister, Diaphragm	482,478	16	100
Apparatus Dec. Power	1,184	1	100
C.G. Gas (ton)	14	0	100
CNS Gas (ton)	1,265	0	100
Mustard Gas (ton)	22,930	16	50
White Phosphorus (ton)	8,968	8	34
F.S. Smoke (lb)	1,603,700	33	33
Airplane Tanks M10	22,840	0	26
Airplane Tanks M20	940	0	17
Airplane Tanks M21	940	0	17
Agent Bleach (ton)	1,967	6	11
Lewisite (ton)	2,238	0	11
Agent Non-corr. (gal)	1,158,395	4	7
Incendiary Bombs Br 4	74,913,935	0	
Incendiary Bombs Br 40	2,160,680	0	

PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

September 26, 1941

	Total Programs 1940-41-42	Percent Delivered	Percent Contracted
Repair Kits, Mask Co.	59,209	100	100
Cylinders, Portable	592	100	100
Antidim Sets	1,751,000	100	100
Decont. Equip. (gal)	54,077	95	100
Alarms, Gas	36,438	86	100
Candles, D.M.	11,030	88	100
Gas Mask Training	2,482,951	74	100
Shell, C.M.	18,900	21	100
Ident. Sets Inst.	4,131	22	100
Smoke Pots	138,918	23	100
Ident. Sets Det.	5,038	12	100
Field Laboratories	8	0	100
Shell, L.P.	24,327	0	100
Prot. Coll. Field	2,800	0	100
Curtains Gas Proof	273,417	2	100
Kits, Gas Mask Sr. Reg.	3,235	96	100
Impregnite Shoe	4,796	9	76
Container Steel (ton)	27,172	12	72
Dust Respirators	715,176	30	52
Impregnite I	5,680	7	46
Prot. Ointment	6,993,366	3	4
Flame Thrower	1,000	0	2

TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS - OCTOBER 4, 1941

Sources of Information: Office, Chief of Coast Artillery; Materiel Division, Air Corps; Expenditure Program--G-4

BARRAGE BALLOON PROCUREMENT

The table below shows the status of barrage balloon procurement by the Air Corps for the C.A.C. as of August 31, 1941.

Item	Current Program			Percent of Appropriation		
	Appropriated	Contracted	Delivered	Contracted	Delivered	Estimated comp. date
Cylinder, hydrogen	273,750	55,000	30,000	20	11	Feb '42
Winch, A-11	111	12	2	11	2	Oct '41
Winch, A-9	1,443	454	17	31	1	Jan '42
Winch, A-10	180	10	1	6	1	Oct '41
Balloon, low altitude	2,737	561	32	20	1	Feb '42
Balloon, high altitude	264	1	1	--	--	--
Generator, hydrogen	30	4	0	13	0	Nov '41

SUBMARINE MINE EQUIPMENT - SEPTEMBER 30, 1941

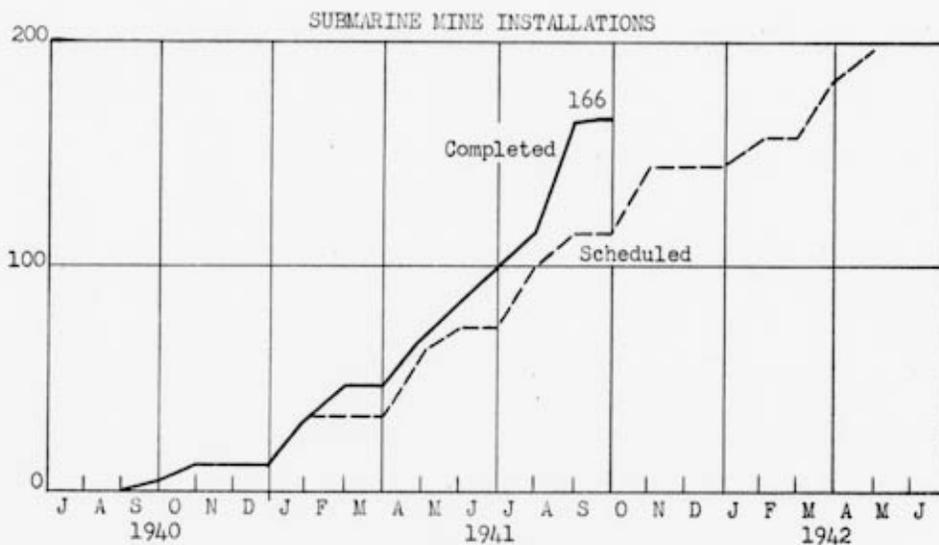
Of the total program of 264 mine groups, 197 are contracted. Deliveries to date amount to 166 compared to 116 scheduled. The present status is shown in the table below.

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Sept. 30	Contracted	Delivered
Submarine mine equipment	264	197	116	166	75	63

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

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	17	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	<u>31</u>	

*8 of 25 completed

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BSF War

WEEKLY STATISTICAL REPORT

No. 15

RELEASED

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SUMMARY

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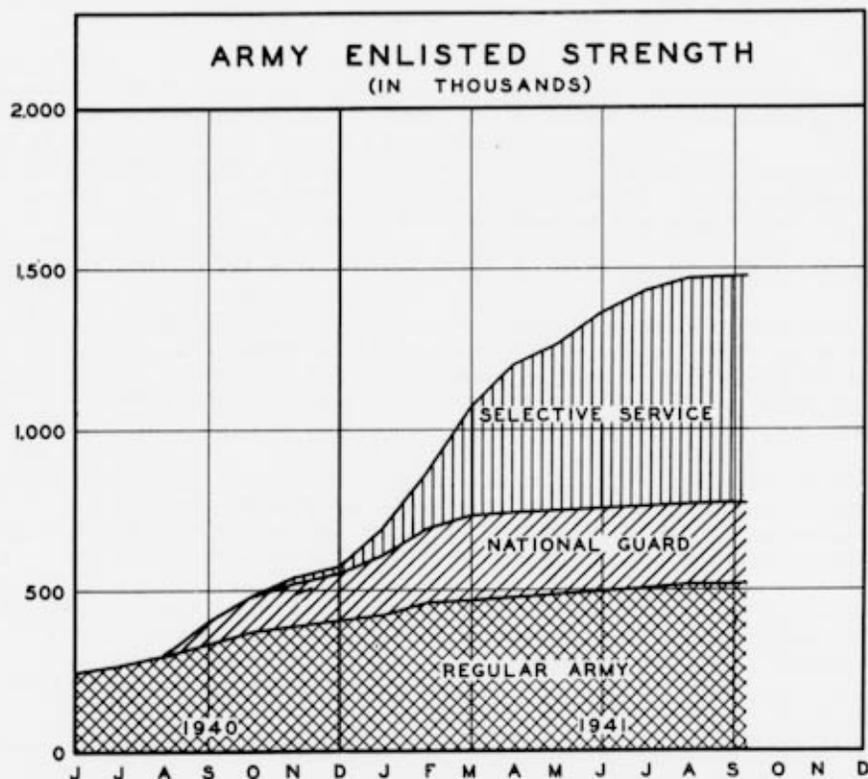
Signature- *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-1542-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 15
OCTOBER 11, 1941

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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to October 8, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,469,792
Sep	407,613	Mar	1,068,030	Sep	1,471,000
Oct	483,218	Apr	1,205,873	Oct 8	1,475,500
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, October 9, 1941

EDITORIAL OPINION 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: Statistics Branch, OUSW, October 8, 1941

NEUTRALITY ACT - All but 14 percent of editorial opinion favors repeal or revision of the Neutrality Act. Reasons most commonly advanced are: That the Act hampers us in our policy of aid, and it offers no guarantee against the kind of incident it was intended to prevent.

ARMING OF MERCHANT SHIPS - Discussion of the arming of merchant ships has not been great, in part because such action would depend on the larger question of the Neutrality Act, but in part, also, because the commentators doubt that guns are available.

CEILING ON PRICES - A strong majority believes in a price ceiling which would include farm prices and rents.

REGULATION OF WAGES - The belief is general that wages must be included in control of prices, but there is little faith that voluntary curbs would succeed.

SOCIAL SECURITY - Dissenting opinion believes in the principle of social security but holds that its extension now would fall heavily on small business. It is pointed out that social security is a saving for the employee but a tax for the employer.

FREEDOM OF THE SEAS - A majority supports the principle of freedom of the seas. Differences in views concern definitions of policy and methods of enforcement.

DEFENSE PROGRESS - Criticism of defense progress is at a comparatively low point, but it has paused in its five weeks decline. Commendation has risen slightly.

FEAR OF INFLATION - A concerted editorial drive for preventive action is under way. When editorial comment on a single subject reaches the volume indicated in the diagram at the bottom of the following page, editorial opinion may be regarded as an exceedingly powerful force.

TABULAR SUMMARY

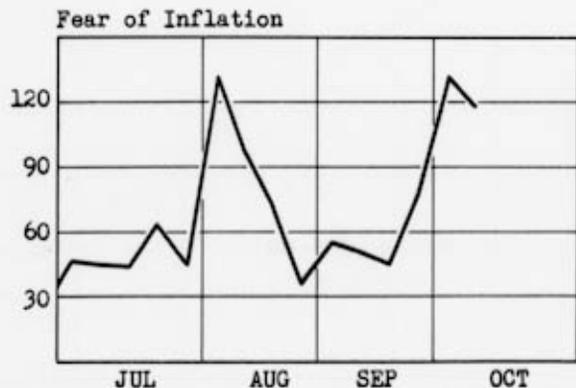
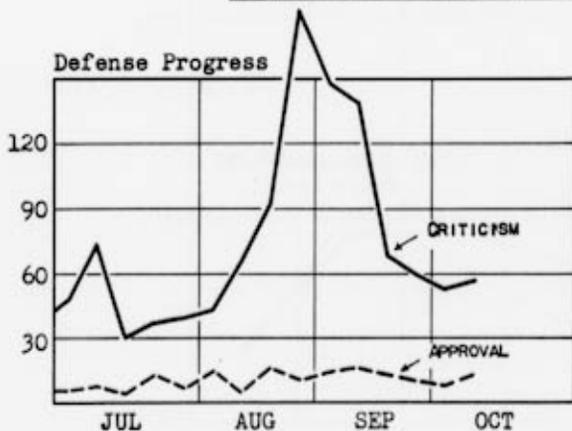
<u>CRITICISM OF PROGRESS</u>	<u>COMMENDATION</u>	<u>INFLATION (continued)</u>
General production 10	General progress 4	Exempt some farm prices 1
Slow aid to Britain 5	Food shipping speed 1	Release farm surpluses 1
Slow aid to Russia 3	Quality of draft Army 2	For wage control 11
Training equipment lack 2	SPAB 3	Voluntary will fail 10
Priorities handling 6	Mediation Board 2	Against 6% profit limit 13
Gasoline conservation 11	<u>FEAR OF INFLATION</u>	Buy defense bonds 1
Defense planning 5	Need for controls 13	Bonds selling badly 2
Program inadequate 2	Inflation is here 5	Against pressure sales 1
Reform interfering 1	Cut Govt. spending 13	For security extension 6
Defense organization 1	Price bill inadequate 2	Against extension 7
Waste of funds 2	Pass strong bill soon 3	Against use for revenue 1
Govt. economic policy 6	For price control 12	Against WPA expansion 1
Govt. labor policy 2	For rent control 3	For forced savings 2
Attitude to industry 1	Keep farm prices down 6	For a sales tax 1

EDITORIAL OPINION 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: Statistics Branch, OUSW, October 8, 1941.

PERCENTAGE OF OPINIONS EXPRESSED

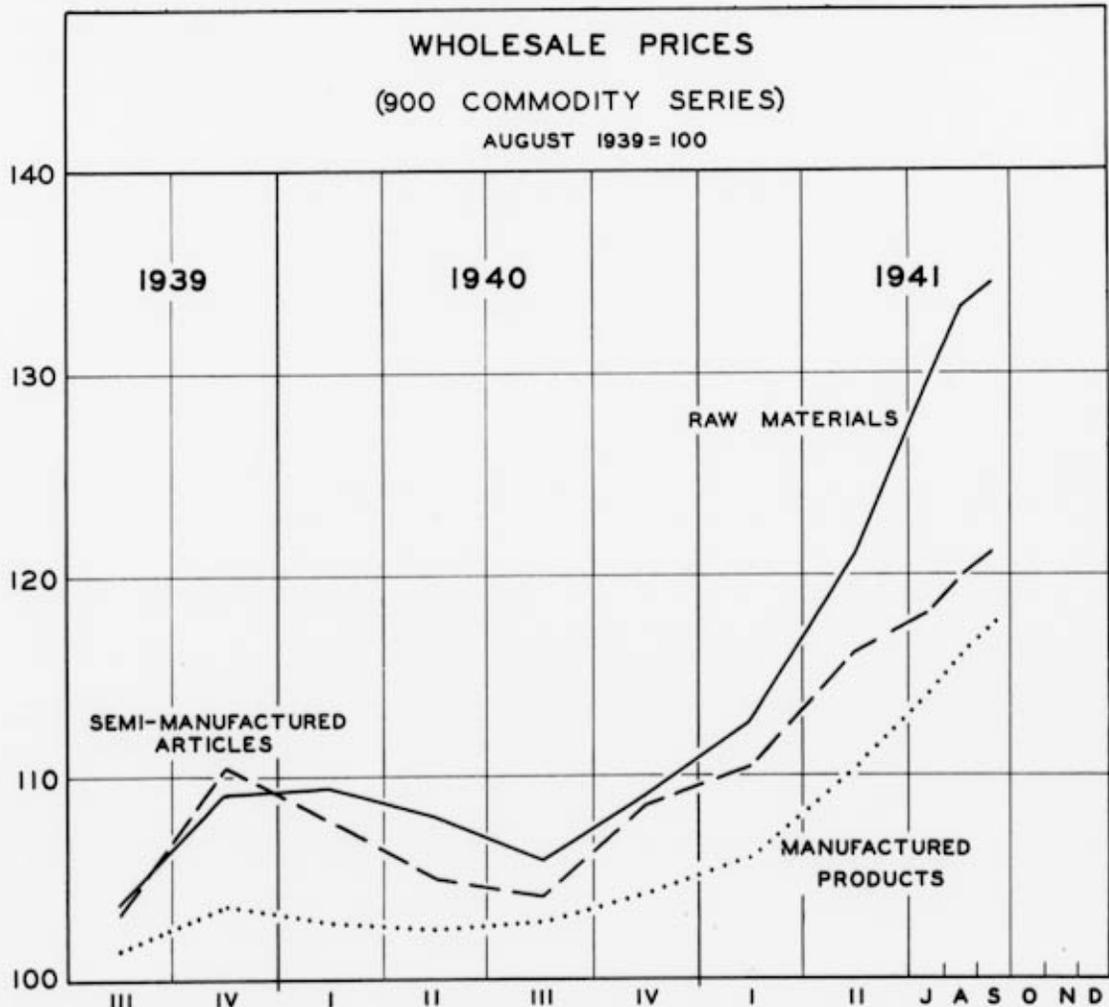
	In favor	Against	No opinion expressed
Repeal or revision of Neutrality Act	68	11	21
Arming of American merchant ships	31	11	58
Plan for a general ceiling on prices	95	5	-
Regulation of wage rates	95	-	5
Extension of Social Security	21	26	53
Increase of aid to Russia	89	11	-
Reduction of non-defense spending	95	5	-
Enforcement of the freedom of the seas	95	5	-



PRICES

Prices advanced very rapidly during the first six months of 1941, and from July to September the rise has continued, but at a slower pace. Raw materials in September were 34.3 percent above the pre-war level, semimanufactured articles were 20.9 percent and manufactured products 17.3 percent above the August, 1939 average. Price control on a voluntary basis had been fairly successful until recent months when the rising import and agricultural raw material prices, as well as advancing wage rates, have influenced the increase in the prices of a number of industrial items. The average price of manufactured products increased more rapidly in the past three months than semimanufactured articles.

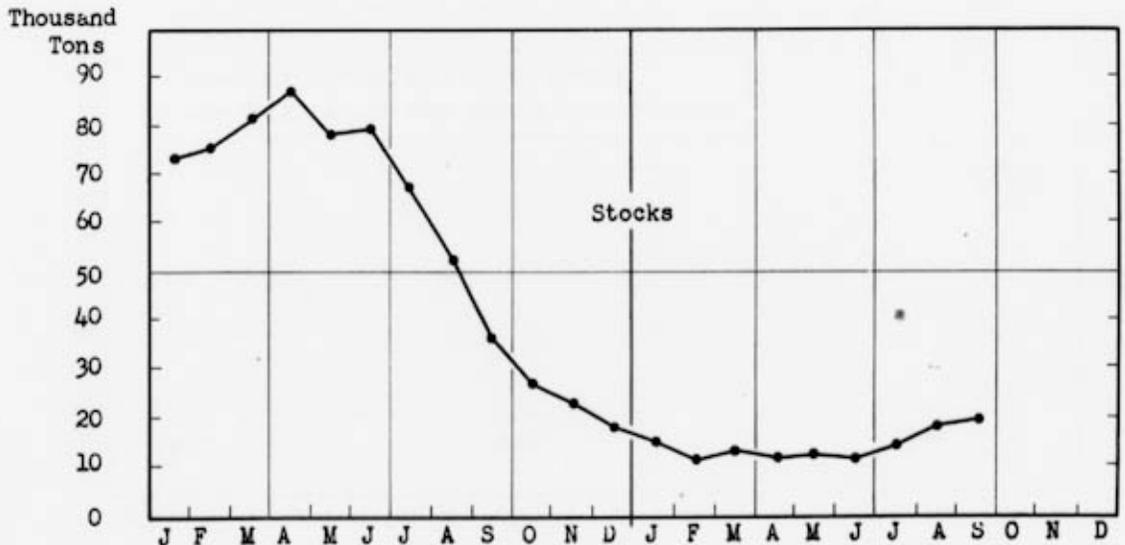
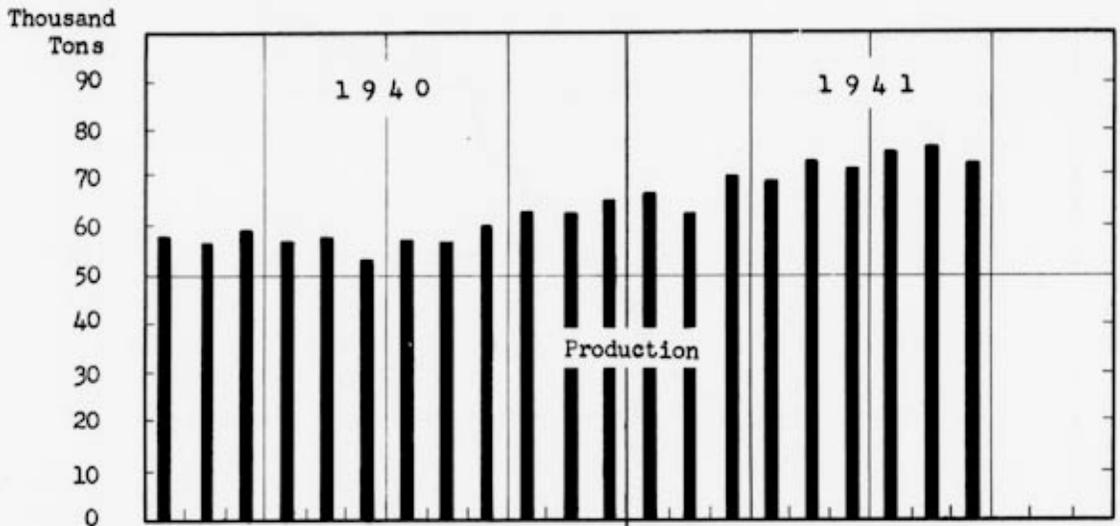
Source of Information: Bureau of Labor Statistics



ZINC - PRODUCTION AND STOCKS

Source of Information: American Zinc Institute.

Production of slab zinc in the United States amounted to 634,284 short tons in the first 9 months of 1941, compared with 515,906 tons in the same period of 1940, an increase of 23 percent. Heavy demand for slab zinc has reduced smelter stocks to 19,427 short tons at the end of September 1941.

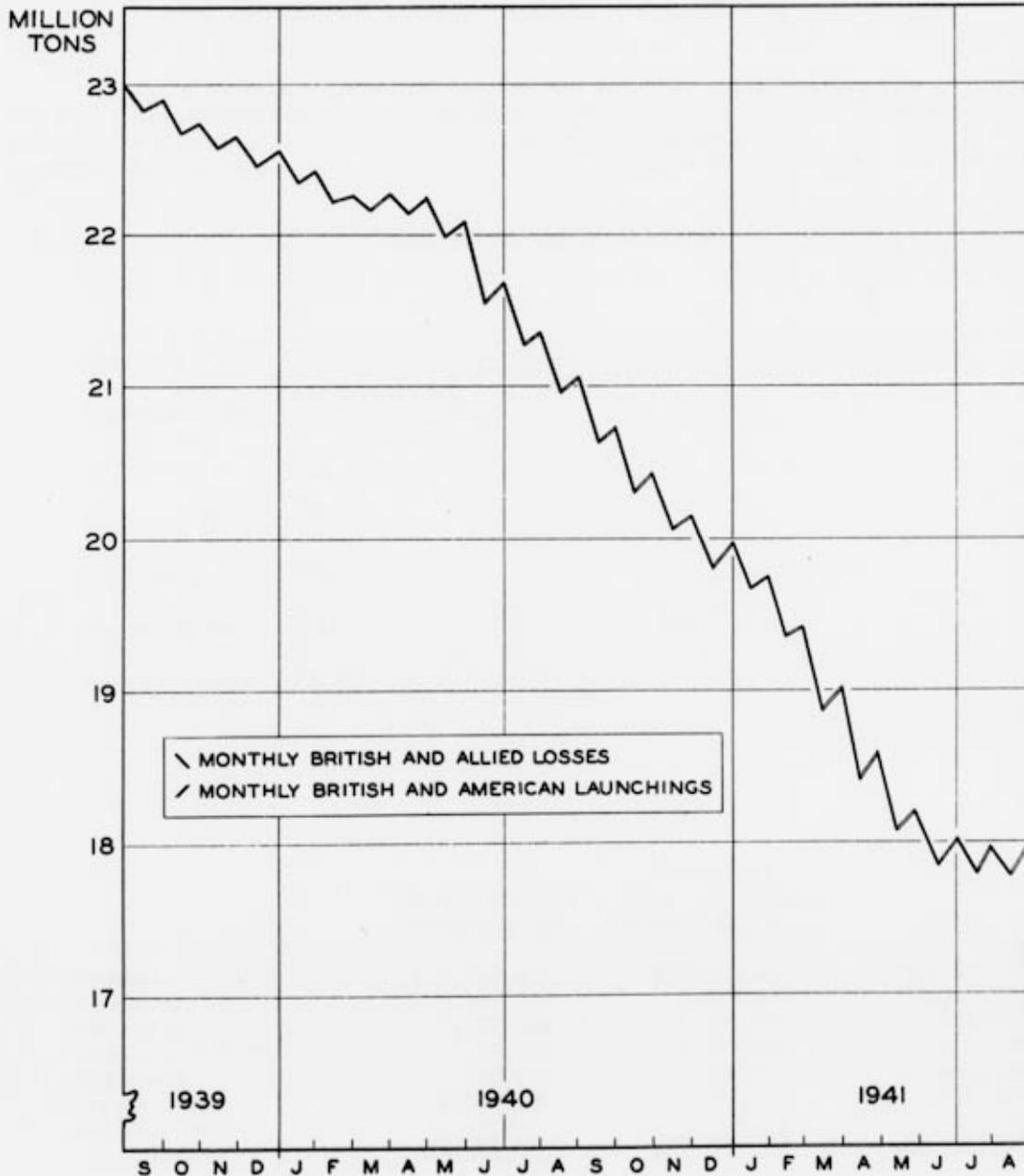


Raw Materials

MERCHANT SHIPPING AVAILABLE TO MEET BRITISH NEEDS - Millions of gross tons.

Source of Information: Division of Naval Intelligence

IN AUGUST FOR THE FIRST TIME SINCE WAR BROKE OUT, GAINS EXCEEDED LOSSES.

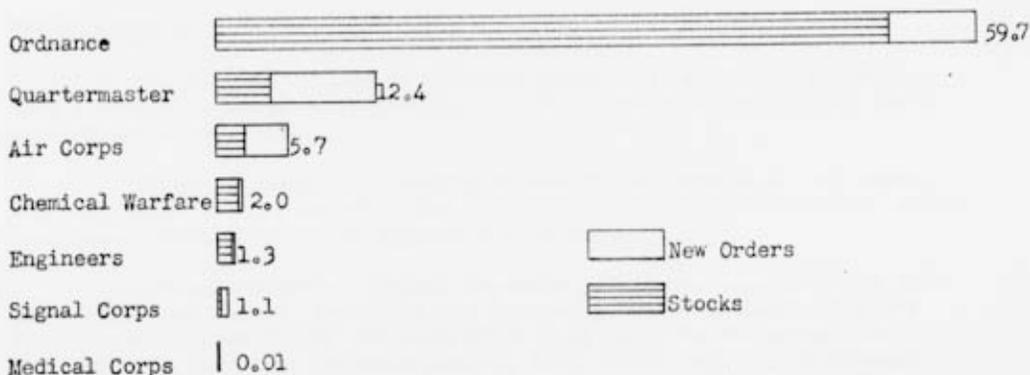


DEFENSE AID - WAR DEPARTMENT DELIVERIES TO FOREIGN GOVERNMENTS - SEPTEMBER 15, 1941

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

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

Total deliveries in millions



	From 7 billion Authorization	Deliveries From 1.3 billion Authorization	Total
Ordnance	\$ 6,940,000	\$52,812,000	\$59,752,000
Quartermaster	8,171,000	4,227,000	12,398,000
Air Corps	3,322,000	2,333,000	5,655,000
Chemical Warfare	7,000	1,993,000	2,000,000
Engineers	200,000	1,066,000	1,266,000
Signal Corps	1,041,000	57,000	1,098,000
Medical Corps	---	13,000	13,000
Total	\$19,681,000	\$62,501,000	\$82,182,000

TEXT SUMMARY - ORDNANCE DEPARTMENT - OCTOBER 11, 1941

Source of Information: Ordnance Department, OPM and OUSW

FIELD ARTILLERY GUNS

Deliveries of 37mm antitank guns, and modernization of the 75mm field guns, are reported to be continuing well ahead of schedule. Acceptances of 75mm field howitzers are approximately on schedule, but definite lags are shown in the production of the 75mm pack howitzer, the new 105mm field howitzer and the new 155mm gun.

The principal reasons for these delays are reported to be inability to obtain necessary machine tools, shortages in materials, insufficient skilled labor and displacement by higher priority work. The carriage is the limiting component for the majority of artillery weapons.

TNT PRODUCTION

The diagram on page 14 compares actual and scheduled deliveries with a recent estimate of requirements, and indicates a substantial shortage through June, 1942.

Frequent changes in loading schedules for ammunition and bombs, and such other factors as revisions in requests by foreign countries, cause continuous variations in the aggregate requirements.

Actual production through September, 1941 has been entirely by privately owned plants, including the Tennessee Powder Company. The new Kankakee and Weldon Spring Ordnance Works have just started production; together with four more Ordnance plants, their total capacity is planned to exceed 70,000,000 pounds a month. It is not expected, however, that this total capacity will all be available before the 1943 calendar year.

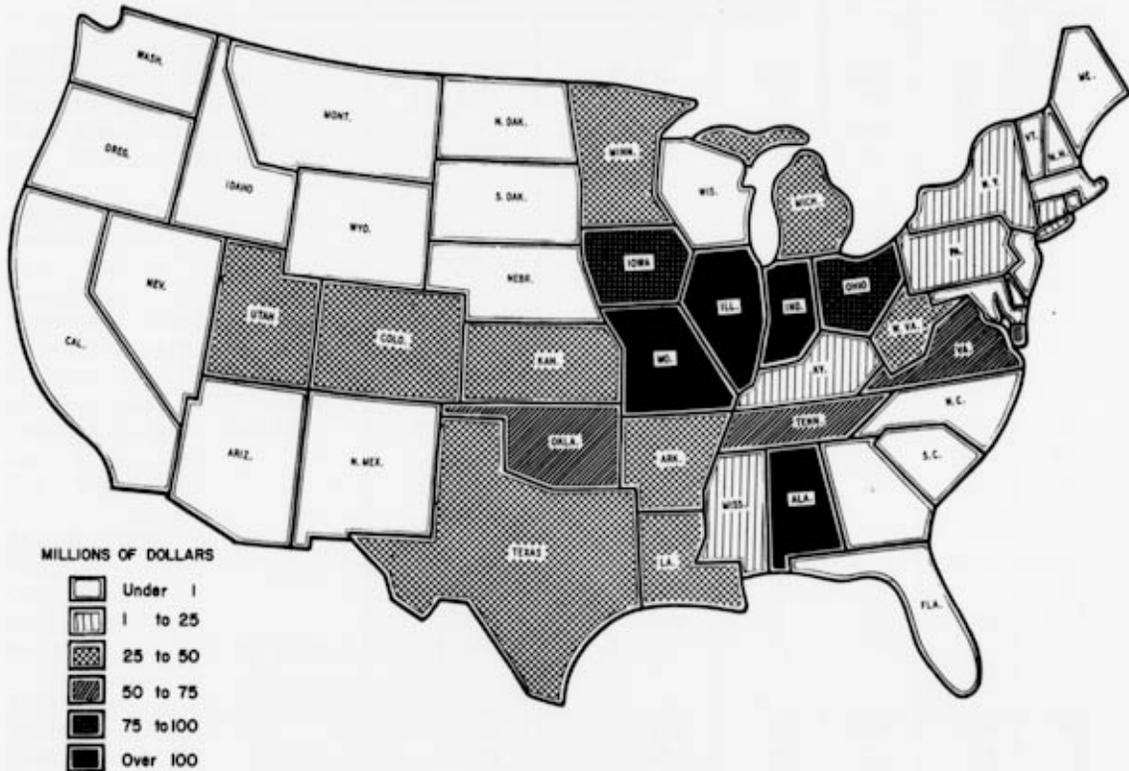
NEW FACILITIES

Approximately two-thirds of all funds approved for new facilities is for ordnance plants. This ordnance construction program is nearly twice as large as the next greatest expansion of manufacturing facilities, that of the Air Corps.

The geographical distribution of the estimated cost of all approved new ordnance facilities is shown on the following page. This cost totals \$1,346,000,000. There are fifty-two plants located in twenty-three states which, with the exception of New York, Virginia and Alabama, are in the middle west. Nearly half of the total funds are for plants in the four states, Missouri, Indiana, Illinois and Alabama. The progress of fifty new ordnance facilities is shown on pages 15 through 19.

DISTRIBUTION OF NEW ORDNANCE FACILITIES - SEPTEMBER 15, 1941

Source of Information: Ordnance Department



ESTIMATED COST BY STATE IN MILLIONS OF DOLLARS

Ala.	110.1	Ind.	188.0	Mont.	0.0	Pa.	3.0
Ariz.	0.0	Iowa	75.4	Nebr.	0.0	R. I.	0.0
Ark.	43.5	Kans.	46.2	Nev.	0.0	S. C.	0.0
Cal.	0.0	Ky.	14.7	N. H.	0.0	S. Dak.	0.0
Colo.	31.8	La.	28.4	N. J.	0.0	Tenn.	65.2
Conn.	8.8	Me.	0.0	N. Mex.	0.0	Texas	48.9
Del.	0.0	Md.	0.0	N. Y.	18.5	Utah	31.7
D. C.	0.0	Mass.	0.0	N. C.	0.0	Vt.	0.0
Fla.	0.0	Mich.	30.0	N. Dak.	0.0	Va.	67.2
Ga.	0.0	Minn.	32.0	Ohio	83.9	Wash.	0.0
Idaho	0.0	Miss.	12.8	Okla.	62.5	W. Va.	38.8
Ill.	110.1	Mo.	194.3	Oreg.	0.0	Wis.	0.0
						Wyo.	0.0

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

Source of Information: Fiscal Division and Industrial Service, Ordnance Department

Item	Total procurement program	Preliminary deliveries thru Sep 30	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	8,651	100	100	10	10
Machine gun, cal.50	207,920	21,649	79	79	11	10
Gun, 20mm, automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	93	99	99	4	3
<u>Combat Vehicles</u>						
Tank, light	5,919	1,802	80	80	33	30
Tank, medium	9,848	348	48	29	4	4
Scout car	2,840	2,633	100	93	93	93
Personnel carrier, 8-man	5,792	1,982	100	100	29	34
Personnel carrier, 13-man	5,521	719	100	89	17	13
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	105,758	89	89	29	38
Gun, 37mm, tank	13,216	2,916	57	57	21	22
Gun, 75mm, tank	7,264	255	38	38	3	4
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,314	50	55	55	2	2
Gun, 37mm	3,195	468 ϕ	100	100	16 ϕ	15 ϕ
Machine gun, cal.50 (W.C.)	25,063	1,551	76	76	6	6
<u>Artillery</u>						
Howitzer, 75mm	958	156 ϕ	100	100	13 ϕ	16 ϕ
Howitzer, 105mm	4,299	61 ϕ	88	74	2 ϕ	1 ϕ
Gun, 155mm	493	18 ϕ	100	100	5 ϕ	4 ϕ
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	2,680	684 ϕ	50	40	22 ϕ	26 ϕ
Carriage, 155mm howitzer	1,442	1,026 ϕ	99	99	71 ϕ	71 ϕ
Carriage, 155mm gun	847	100 ϕ	78	78	14 ϕ	12 ϕ
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	284,086	71	54	21	22
Machine gun, cal.30 (Var.)	154,979b	45,788b	85b	66b	31b	30b
Machine gun, cal.50 (H.B.)	31,699b	2,251b	94b	94b	8b	7b
Gun, 37mm, antitank	9,478	726	100	99	8	8
Mortar, 60mm	11,162	5,403	100	91	49	48
Mortar, 81mm	4,705	1,241	95	95	31	26

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

ϕ Thru August 31.

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 8, 1941

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	33,946	11,021	32							
Machine gun, cal.50,fix.&fl.	60,531	14,936	25							
Gun, 20mm, automatic A.C.	1,413	0	0							
Gun, 37mm, automatic A.C.	2,021	79	4							
<u>Combat Vehicles</u>										
Tank, light	2,389	845b	35							
Tank, medium	1,046	92c	9							
Scout car	2,083	2,464d	118							
Personnel carrier, 8-man	3,413	1,385	41							
Personnel carrier, 13-man	4,517	358	8							
Machine gun, cal.30 (Var.)	30,674a	a	-							
Machine gun, cal.50 (H.B.)	5,734a	a	-							
Submachine gun, cal.45	26,705	21,256	80							
Gun, 37mm, tank	3,427	914	27							
Gun, 75mm, tank	1,020	60	6							
<u>Antiaircraft</u>										
Gun, 3" } Gun, 90mm }	1,177	556 } 42 }	51							
Gun, 37mm, A.A.	2,552	469	18							
Machine gun, cal.50 (W.C.)	17,065	1,184	7							
<u>Artillery</u>										
Gun, 75mm (H.S.)	836	790	94							
Howitzer, 75mm, field & pack	177	220	124							
Howitzer, 105mm	2,457	64	3							
Gun, 155mm	95	17	18							
Gun, 155mm (H.S.)	587	164	28							
Howitzer, 155mm (H.S.)	739	1,168	158							
<u>Unmodified & other models</u>										
Gun, 75mm	-	2,569	-							
Gun, 155mm	-	801	-							
Howitzer, 155mm	-	765	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	838,601	277,138	33							
Machine gun, cal.30 (Var.)	49,737	42,509	85							
Machine gun, cal.50 (H.B.)	14,737	2,685	18							
Gun, 37mm, antitank	4,892	1,057	22							
Mortar, 60mm	4,747	4,172	88							
Mortar, 81mm	2,340	1,613	69							

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - OCTOBER 8, 1941

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

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements				
			%	0	20	40	60
<u>Aircraft Armament</u>							
Machine gun, cal.30,fix.&fl.	44,269	11,021	25				
Machine gun, cal.50,fix.&fl.	132,534	14,936	11				
Gun, 20mm, automatic A.C.	4,253	0	0				
Gun, 37mm, automatic A.C.	2,883	79	3				
<u>Combat Vehicles</u>							
Tank, light	4,946	845 ^b	17				
Tank, medium	2,827	92 ^c	3				
Scout car	4,299	2,464 ^d	57				
Personnel carrier, 8-man	7,896	1,385	18				
Personnel carrier, 13-man	8,647	358	4				
Machine gun, cal.30 (Var.)	69,409 ^a	a	-				
Machine gun, cal.50 (H.B.)	13,398 ^a	a	-				
Submachine gun, cal.45	56,233	21,256	38				
Gun, 37mm, tank	7,878	914	12				
Gun, 75mm, tank	2,797	60	2				
<u>Antiaircraft</u>							
Gun, 3" } Gun, 90mm } Gun, 37mm, A.A. } Machine gun, cal.50 (W.C.) }	1,856 3,055 22,966	556 42 1,184	34 15 5				
<u>Artillery</u>							
Gun, 75mm (H.S.)	1,778	790	44				
Howitzer, 75mm, field & pack	254	220	87				
Howitzer, 105mm	3,733	64	2				
Gun, 155mm	283	17	6				
Gun, 155mm (H.S.)	969	164	17				
Howitzer, 155mm (H.S.)	1,037	1,168	113				
<u>Unmodified & other models</u>							
Gun, 75mm	-	2,569	-				
Gun, 155mm	-	801	-				
Howitzer, 155mm	-	765	-				
<u>Infantry Armament</u>							
Rifle, cal.30, M1, semiauto.	1,539,512	277,138	18				
Machine gun, cal.30 (Var.)	107,943	42,509	39				
Machine gun, cal.50 (H.B.)	32,146	2,685	8				
Gun, 37mm, antitank	9,523	1,057	11				
Mortar, 60mm	7,927	4,172	53				
Mortar, 81mm	4,566	1,613	35				

^a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

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

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Sep 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Deliv-ered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	165	85	100	10	8
Bomb, demo., 100#, 300#, 500#	1,687	135	55	58	10	8
Bomb, demo., 1000#	110	2	13	13	0	2
Bomb, chem., 30#, 100#	598	122	59	83	35	20
Cartridge, 20mm	110,882	1,585	11	4	2	1
Shell, H.E., 37mm	2,098	122	87	90	18	6
Flares	894	208	41	41	27	23
Signals	2,206	702	93	93	37	32
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	507	72	31	3	3
Shell, 3", H.E.	2,243	57	89	100	4	3
Shell, 90mm, H.E.	3,055	5	58	78	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	60	65	4	4
Shell, g & s, 75mm gun	1,108	17	97	99	1	2
Shot, A.P., 75mm gun	8,388	0	19	10	0	0
Shell, H.E., 75mm how.	4,279	251	99	100	6	6
Shell, H.E., 105mm how.	19,710	62	37	25	-	-
Shell, H.E., 155mm gun	1,358	0	72	57	0	0
Charge, prop., 155mm gun	2,248	231	48	49	13	10
Shell, H.E., 155mm how.	4,360	5	72	99	1	-
Shell, g & s, 155mm how.	1,370	324	65	90	26	24
Charge, prop., 155mm how.	6,547	843	70	86	11	13
Primer, 21 gr.	11,140	99	76	73	1	1
Fuzes (all)	13,699	3,082	80	81	23	22
<u>Infantry</u>						
Cartridge, cal.30	8,496,099	560,547	49	56	7	7
Links, met. belt, cal.30	1,011,225	112,618	99	99	11	11
Cartridge, cal.45	820,395	198,015	74	74	24	24
Cartridge, cal.50	2,950,663	65,473	31	31	2	2
Links, met. belt, cal.50	3,070,132	81,079	80	80	4	3
Shot & shell, 37mm	39,846	187	49	18	-	-
Shell, H.E., 60mm	11,310	39	53	42	-	-
Shell, H.E., 81mm	4,116	116	89	92	3	3
Shell, smoke, 81mm	456	0	87	94	0	0
Grenade, H.E., frag.	2,082	356	75	81	15	17
Signals, ground & light	4,179	667	77	81	28	16
Mine, antitank	3,146	0	65	65	0	0

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered								
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp														
Flint	-							95						
Dayton	-							83						
Saginaw	-							96						
Syracuse	-							93						
Savage Arms Company	-							58						
Colt (Machine Gun)	-							95						
Detroit Tank Arsenal	100							93						
Disston & Sons	100							90						
Mesta Machine Co.	-							98						
Colt (37mm Gun)	-							93						
Bendix Aviation Corp.	100							99						

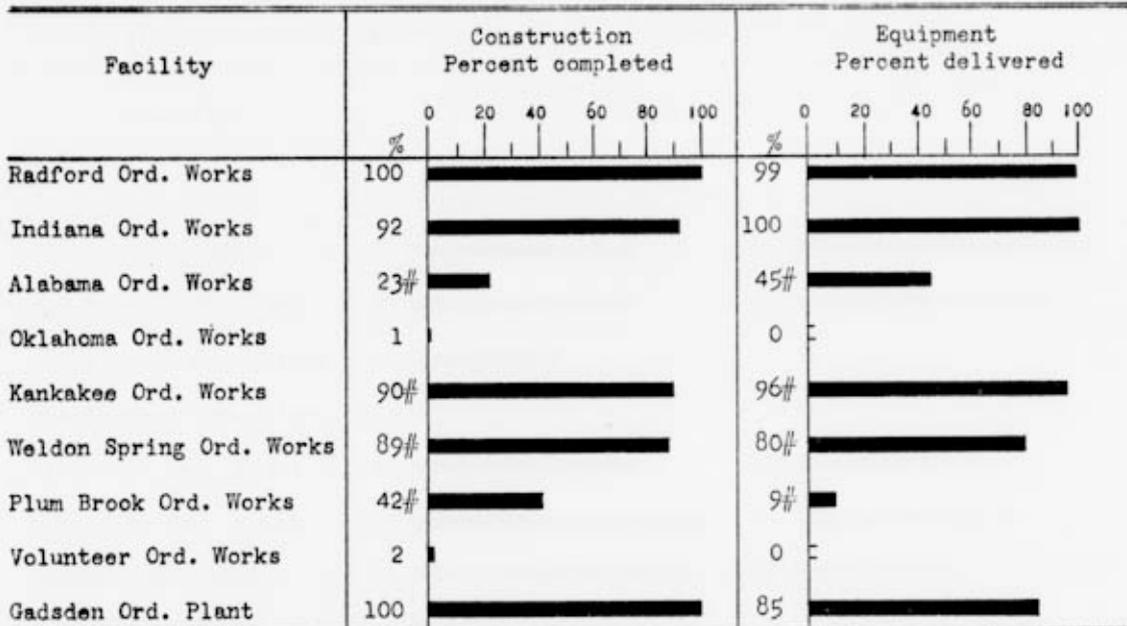
Facility	Location	Planned Capacity Monthly	Estimated Cost Sept. 15, 1941		Estimated Month			
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation		
<u>Machine Gun</u>								
General Motors	Flint, Mich. } Dayton, Ohio } Saginaw, Mich. } Syracuse, N.Y. }	3,541 } 2,917 }	\$21,251	83	3-41φ	8-41*		
Savage Arms	Utica, N. Y.	3,200			16,717	43	7-41φ	12-41*
Colt	Hartford, Conn	700			4,818	70	6-41φ	12-41*
<u>Tank</u>								
Detroit	Detroit, Mich.	100	17,996	100	4-41φ	10-41		
<u>Armor Plate</u>								
Disston	Philadelphia, Pa.	483 tons	1,226	92	4-41φ	-		
<u>155mm Gun</u>								
Mesta	W. Homestead, Pa.	44	1,780	98	10-41	1-42*		
<u>37mm Gun</u>								
Colt	Hartford, Conn	200	4,010	86	6-41φ	1-42*		
<u>20mm Gun</u>								
Bendix	Elmira, N. Y.	200	1,000	-	8-41φ	-		

* Plant Equipment only.

φ Operations started.

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

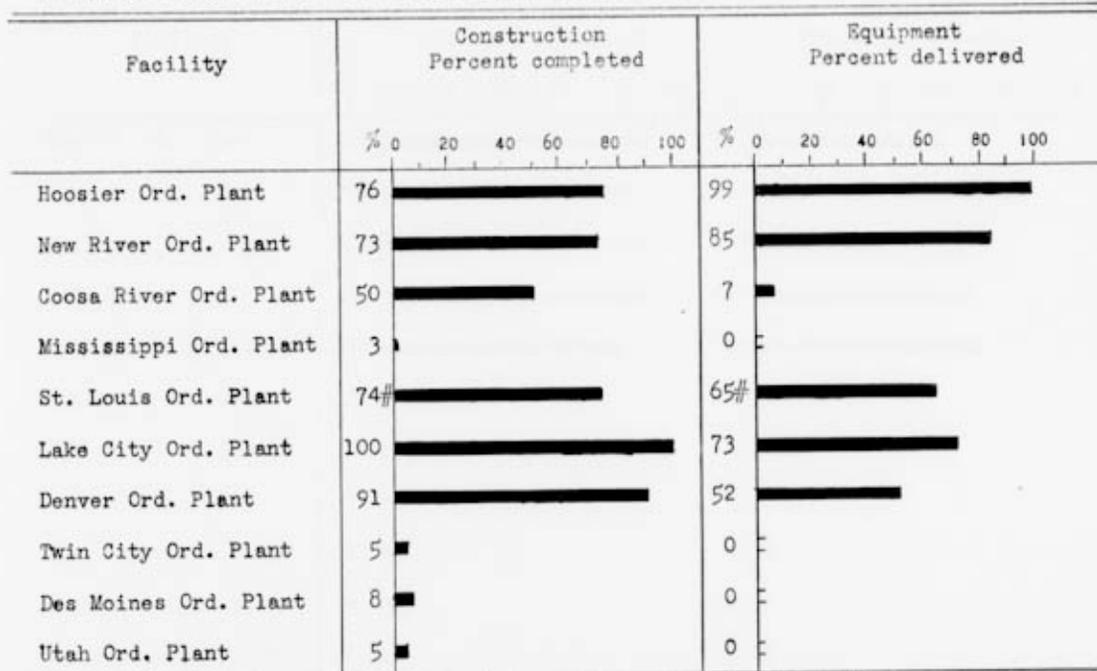


Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost Sept. 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	3.8 Tons	\$ 55,321	93	4-41 6	9-41
Indiana	Charlestown, Ind.	7.8 Tons	114,700	78	4-41 6	1-42
Alabama	Sylacauga, Ala.	3.8 Tons	49,168	70	3-42	5-42
Oklahoma	Choteau, Okla.	3.8 Tons	62,471	-	-	-
<u>Tetryl & Azide</u>						
Kankakee	Wilmington, Ill.	.5 Tons	-	-	11-41	11-41
<u>TNT & DNT</u>						
Kankakee	Wilmington, Ill.	7.7 Tons	47,715	94	9-41 6	11-41
Weldon Spring	Weldon Spring, Mo.	6.6 Tons	34,045	64	10-41 6	5-42
Plum Brook	Sandusky, Ohio	6.6 Tons	24,127	57	12-41	4-42
Alabama	Sylacauga, Ala.	2.5 Tons	26,462	-	3-42	5-42
Volunteer	Chattanooga, Tenn.	6.6 Tons	39,285	1	1-42	-
<u>Sh. Mach. & Forg.</u>						
Gadsden	Gadsden, Ala.	210	7,898	64	8-41 6	3-42

Does not include additions.
~~6~~ Operations actually started.

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

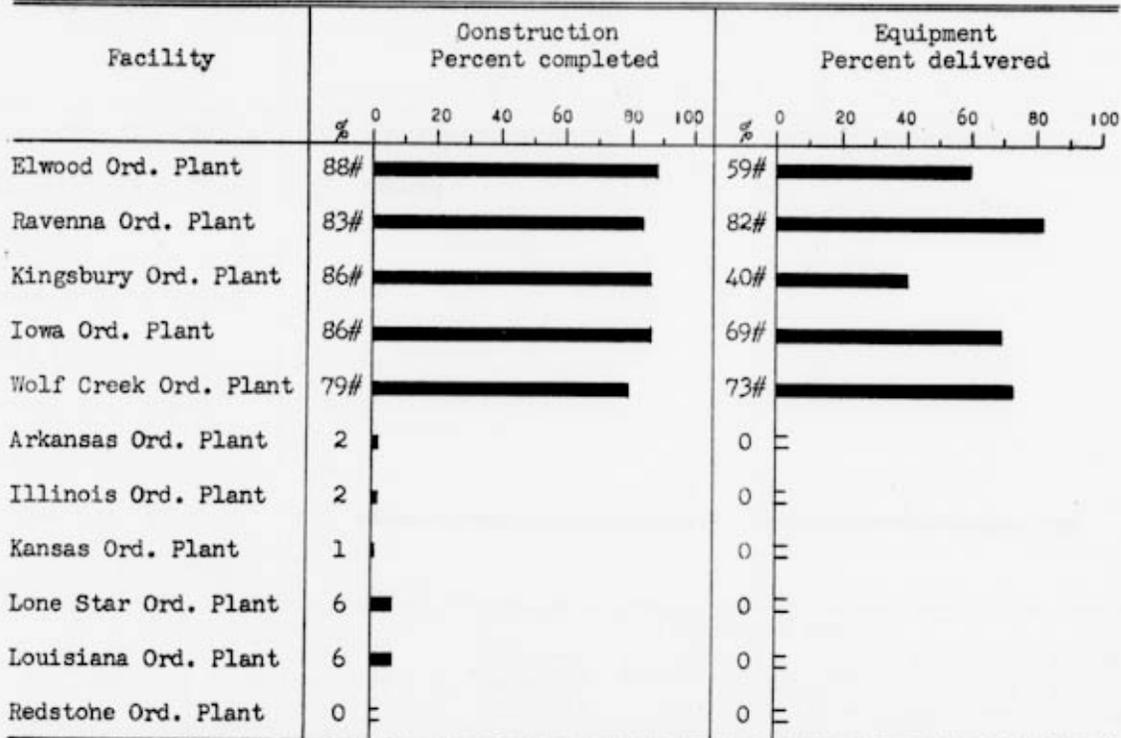


Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost Sept. 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 26,300	80	9-41 ⁶	10-41
New River	Pulaski, Va.	2.7 Tons	11,850	95	10-41	1-42
Cocsa River	Sylacauga, Ala.	2.7 Tons	11,736	50	1-42	5-42
Mississippi	Flora, Miss.	2.7 Tons	12,778	3	1-42	5-42
<u>S. A. Ammunition</u>		(ROUNDS)				
St. Louis	St. Louis, Mo.	200,000	103,587	46	11-41	1-42
Lake City	Lake City, Mo.	65,000	29,952	94	10-41	1-42
Denver	Denver, Colo.	100,000	31,775	91	10-41	2-42
Twin City	St. Paul, Minn.	65,000	31,981	17	4-42	-
Des Moines	Des Moines, Iowa	65,000	32,300	14	4-42	-
Utah	Salt Lake, Utah	65,000	31,695	17	4-42	-

Does not include additions.
⁶ Operations actually started.

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly	Estimated Cost Sept. 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill	4 Lines	\$33,780	100	7-41 6	4-42
Ravenna	Ravenna, Ohio	4 Lines	52,344	79	8-41 6	2-42
Kingsbury	LaPorte, Ind.	6 Lines	32,018	90	8-41 6	4-42
Iowa	Burlington, Iowa	4 Lines	43,092	79	8-41 6	3-42
Wolf Creek	Milan, Tenn.	5 Lines	23,756	104	9-41 6	2-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	21,997	5	1-42	6-42
Illinois	Crab Orchard, Ill.	3 Lines	28,626	3	-	-
Kansas	Parsons, Kans.	3 Lines	28,536	7	1-42	4-42
Lone Star	Texarkana, Texas	5 Lines	35,968	8	1-42	3-42
Louisiana	Minden, La.	4 Lines	19,745	19	1-42	4-42
Redstone	Huntsville, Ala.	Chem.Shell & Bombs	5,383	-	7-42	9-42

Does not include additions.
~~6~~ Operations actually started.

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Morgantown Ord. Works	78#	[Bar from 0 to 78]					85#	[Bar from 0 to 85]					
Ohio River Ord. Plant	22	[Bar from 0 to 22]					6	[Bar from 0 to 6]					
T. V. A.	-	Started					-						
Missouri Ord. Works	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					
Dixie Ord. Works	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					
Jayhawk Ord. Works	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					
Maumelle Ord. Works	2	[Bar from 0 to 2]					0	[Bar from 0 to 0]					
Baytown Ord. Works	100	[Bar from 0 to 100]					99	[Bar from 0 to 99]					
Copperhill Ord. Plant	0	[Bar from 0 to 0]					0	[Bar from 0 to 0]					

Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost Sept. 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Ammonia</u>						
Morgantown	Morgantown, W. Va.	13.0 Tons	\$38,791	59	11-41	10-42
Ohio River	Henderson, Ky.	4.5 Tons	14,721	31	6-42	7-42
T. V. A.	Muscle Shoals, Ala.	-	-	-	11-41	3-42
Missouri	Louisiana, Mo.	4.5 Tons	18,382	-	10-42	-
Dixie	Monroe, La.	4.5 Tons	8,730	-	10-42	-
<u>Ammonium Nitrate</u>						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	17,700	-	10-42	-
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	11-41	3-42
<u>Ammonium Picrate</u>						
Maumelle	Marche, Ark.	1.1 Tons	10,729	1	5-42	-
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	12,900	96	10-41	11-41
<u>Oleum</u>						
Copperhill	Copperhill, Tenn.	13.2 Tons	2,095	-	1-42	3-42

Does not include additions.

TEXT SUMMARY - AIR CORPS PROCUREMENT

Source of Information: Materiel Division - Air Corps

PROCUREMENT - In the month of September contracts were let for 1,185 heavy bombers. This leaves only 871 of the 1942 heavy bomber program still to be placed under contract. Of the 1942 program, there are only 6,121 tactical planes and 150 training planes still to be contracted.

DELIVERIES - There were a total of 1,931* airplanes produced in the United States and accepted by all customers in the month of September. The distribution of this new high figure was as follows:

Army	879
Defense Aid	140
Navy	268*
Britain	603
Other Foreign	19
Commercial	22

There were 32 heavy bombers delivered in September as compared with 19 in August. This figure includes 5 B-17E's - the first production to come from Boeing in four months.

Improvement in deliveries is shown in all types and this month marks a change in the balance of the delivery of combat types against training types. For the month of September, the delivery of combat planes surpassed the delivery of training planes and when service combat types are included the total tactical planes delivered equals 1,057 as against 874 training planes.

DIFFICULTIES - The heavy bomber picture appears improved with the return of Boeing to the delivery column. Though they are still 147 airplanes behind contract schedule, additional deliveries are estimated next month and some improvement can be expected. Consolidated has experienced difficulty with gun turret installations and wing alignments. This has required the reworking of wing center sections with the result that this contractor is now 35 units behind contract schedule. There are still about 120 Martin B-26's which have to be reworked for rivet reinforcement, installation of modified landing gear, exhaust stack replacements and installation of gun turrets. They are progressing through the plant at approximately 2 per day. Shortage of propellers has caused the storage of 16 Bell P-39's and a shortage of propellers is anticipated for the Lockheed P-38.

ENGINES - The anticipated assistance from the automotive industry is in danger of being delayed. Ford, Studebaker and Packard complain of shortage of machine tools and Buick and Chevrolet are now expanding and retooling.

* Adjusted from preliminary figures.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - SEPTEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

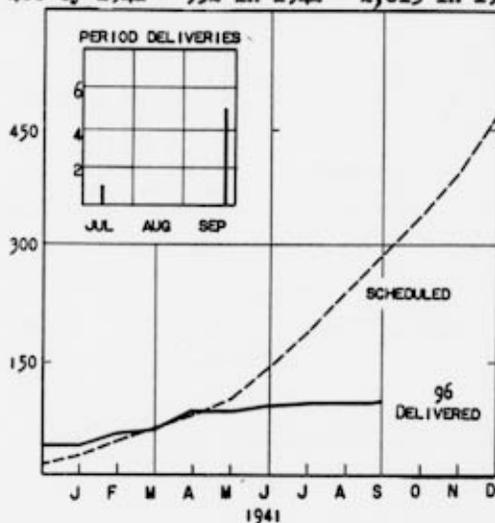
Item	Program			Under contract		Delivered 9/30/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
Project airplanes								
Heavy bomber	2,246	2,656	4,902	4,031	82	96	-	871
Medium bomber	4,616	1,200	5,816	4,616	79	325	-	1,200
Light bomber	1,882	150	2,032	1,382	68	222	500	150
Pursuit, fighter	709	1,150	1,859	859	46	87	-	1,000
Pursuit, interceptor	4,394	4,700	9,094	6,194	68	1,210	-	2,900
Observation	533	-	533	533	100	256	-	-
Transport	1,118	230	1,348	1,348	100	83	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	19,055	74	2,294	500	6,121
Trainers								
Primary trainer	5,490	450	5,940	5,940	100	2,500	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,671	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	765	-	-
Adv. trainer, 2-eng.	2,632	1,050	3,682	3,532	96	127	-	150
Total Trainer	16,470	2,960	19,430	19,280	99	5,063	-	150
Grand Total	32,059	13,047	45,106	38,335	85	7,357	500	6,271
Installation engines								
Heavy bomber	8,984	10,624	19,608	13,934	71	2,351	1,520	4,154
Medium bomber	9,232	3,200	12,432	5,575	45	999	3,657	3,200
Light bomber	3,576	150	3,726	2,576	69	1,129	1,000	150
Pursuit, fighter	1,418	2,300	3,718	1,392	37	607	26	2,300
Pursuit, interceptor	4,394	4,700	9,094	4,394	48	1,466	-	4,700
Observation	533	-	533	533	100	468	-	-
Transport	2,358	460	2,818	1,624	58	431	734	460
Amphibian	148	2	150	150	100	41	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	30,212	58	7,526	6,937	14,964
Trainers								
Primary trainer	5,490	450	5,940	5,940	100	2,834	-	-
Basic trainer	5,051	1,100	6,151	3,051	50	2,213	2,000	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	2,297	63	2,230	1,000	360
Adv. trainer, 2-eng.	5,264	2,100	7,364	5,464	74	1,534	700	1,200
Total Trainer	19,102	4,010	23,112	16,752	72	8,811	3,700	2,660
Grand Total	49,779	25,446	75,225	46,964	62	16,337	10,637	17,624

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Includes both new production and assignments from stock pools.

PROJECT AIRPLANES

4,031 HEAVY BOMBER

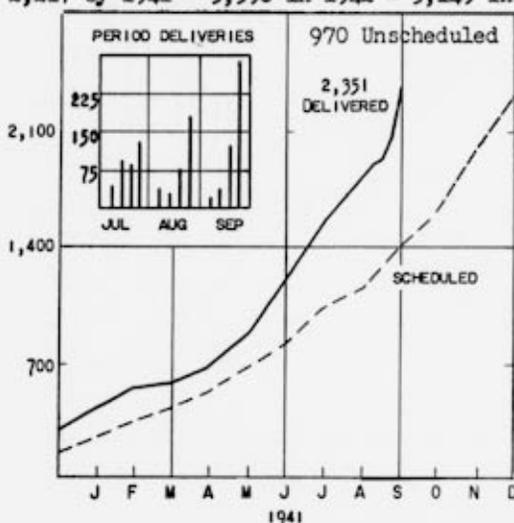
466 by 1941 - 952 in 1942 - 2,613 in 1943



INSTALLATION ENGINES

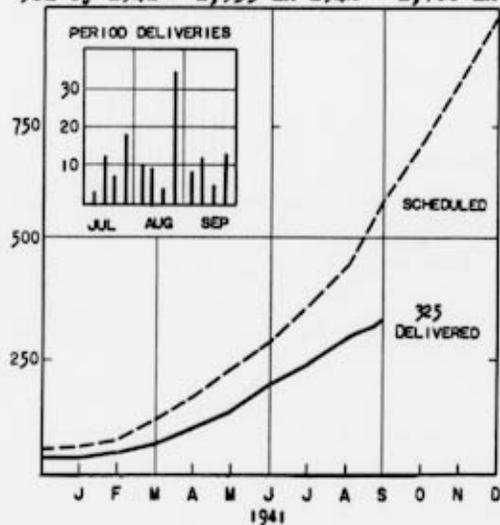
13,934 HEAVY BOMBER

2,217 by 1941 - 5,598 in 1942 - 5,149 in 1943



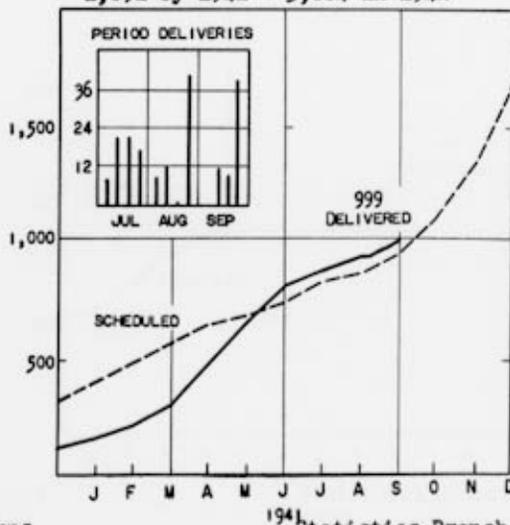
4,616 MEDIUM BOMBER

981 by 1941 - 1,935 in 1942 - 1,700 in 1943



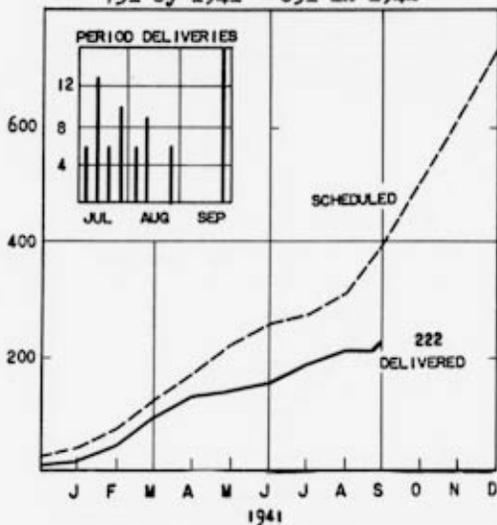
5,575 MEDIUM BOMBER

1,691 by 1941 - 3,884 in 1942



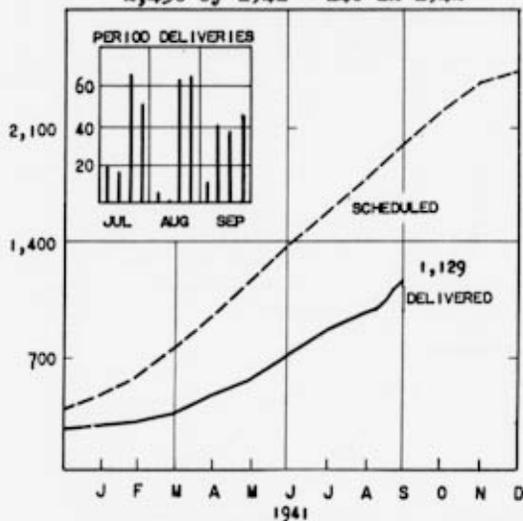
PROJECT AIRPLANES

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

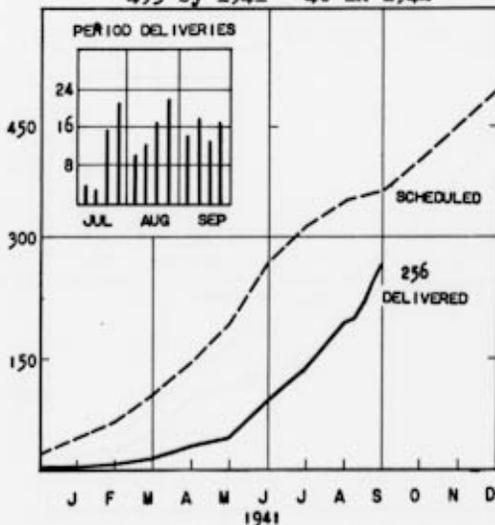


INSTALLATION ENGINES

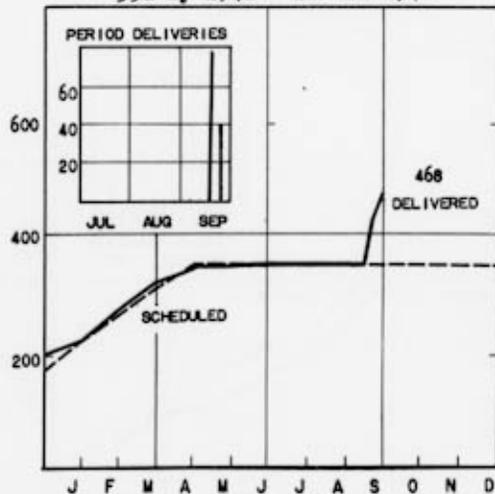
2,576 LIGHT BOMBER
2,436 by 1941 - 140 in 1942



533 OBSERVATION
493 by 1941 - 40 in 1942

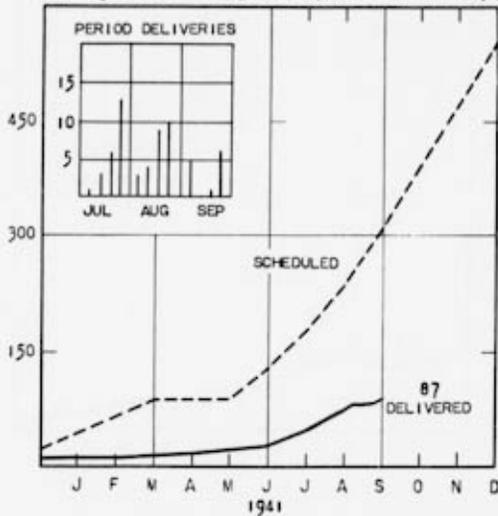


533 OBSERVATION
351 by 1941 - 182 in 1942



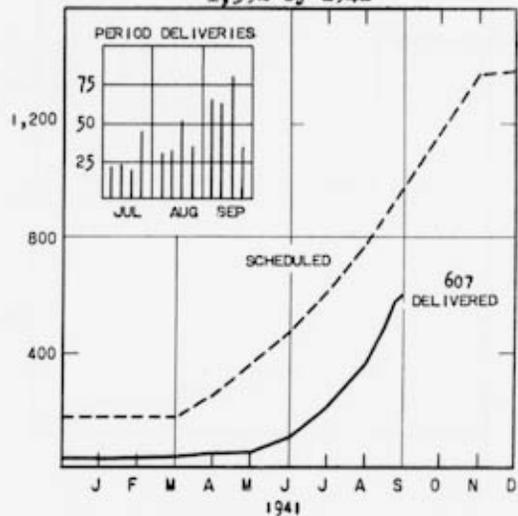
PROJECT AIRPLANES

859 PURSUIT FIGHTER
549 by 1941 - 233 in 1942 - 77 in 1943

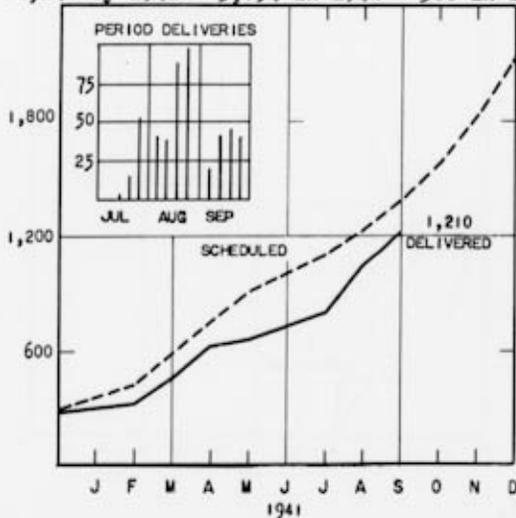


INSTALLATION ENGINES

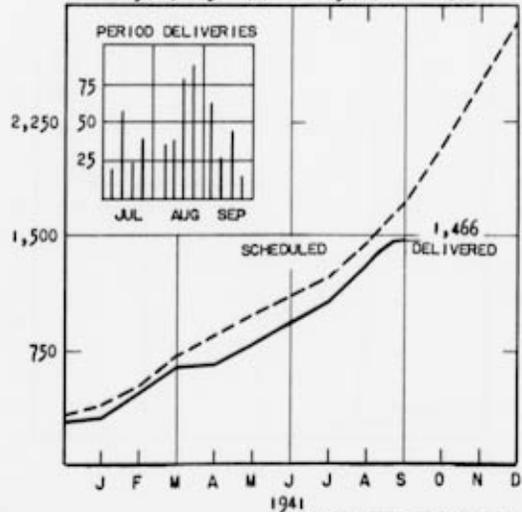
1,392 PURSUIT FIGHTER
1,392 by 1941



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

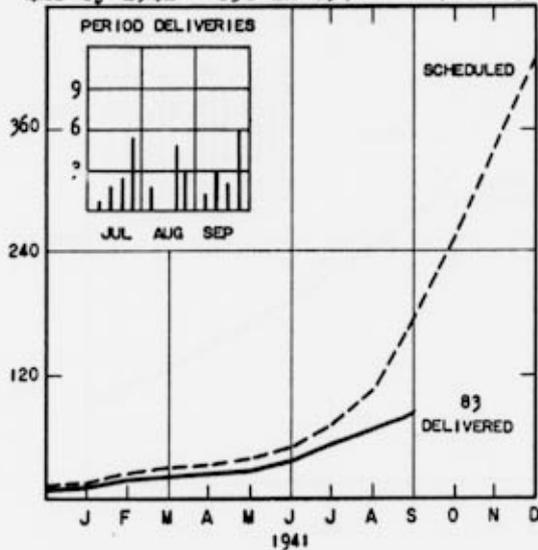


4,394 PURSUIT INTERCEPTOR
2,915 by 1941 - 1,479 in 1942



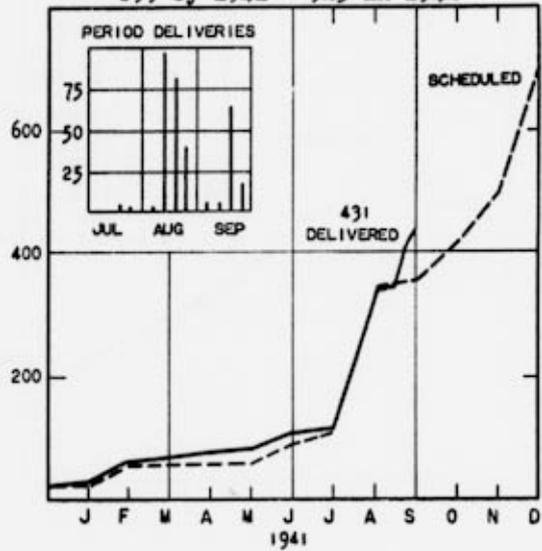
PROJECT AIRPLANES

1,348 TRANSPORT
428 by 1941 - 656 in 1942 - 264 in 1943

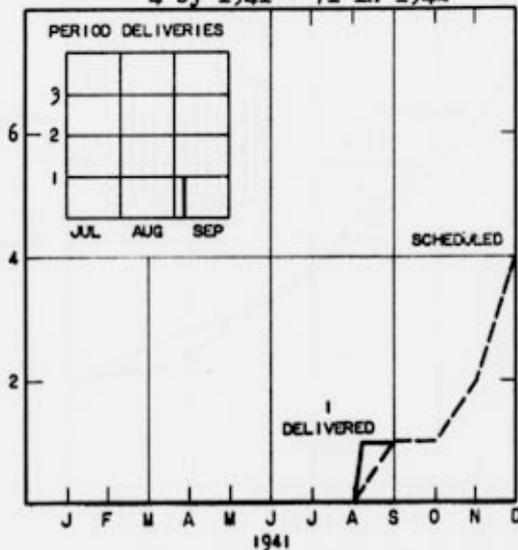


INSTALLATION ENGINES

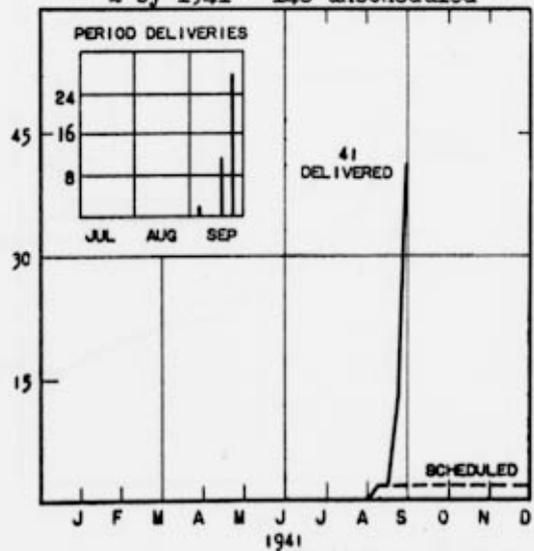
1,624 TRANSPORT
699 by 1941 - 925 in 1942



75 AMPHIBIAN
4 by 1941 - 71 in 1942

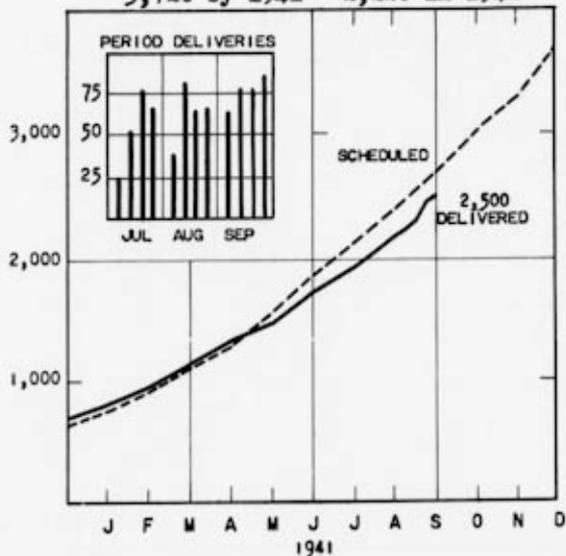


150 AMPHIBIAN
2 by 1941 - 148 unscheduled



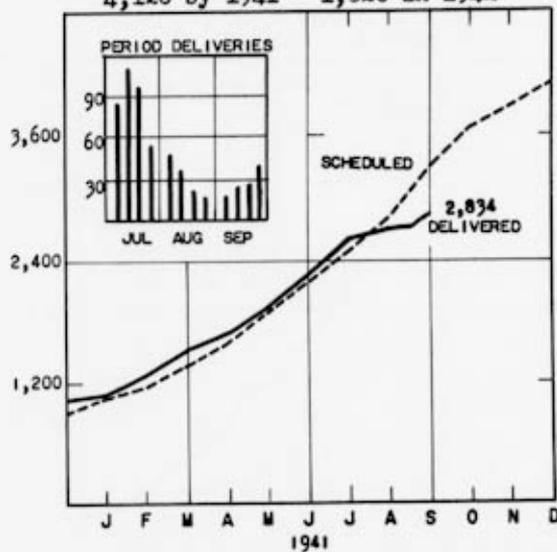
PROJECT AIRPLANES

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

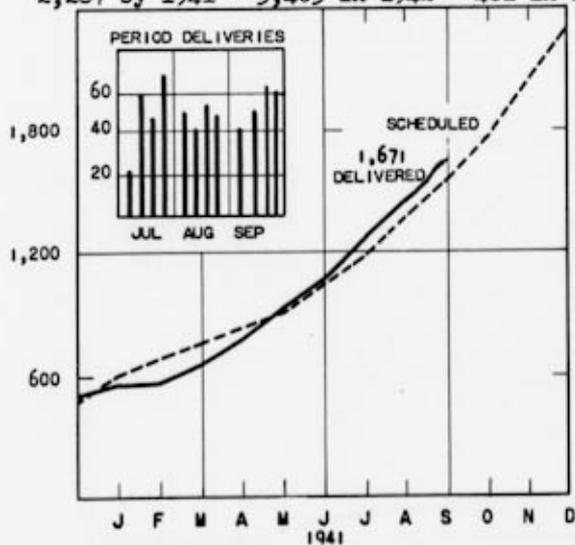


INSTALLATION ENGINES

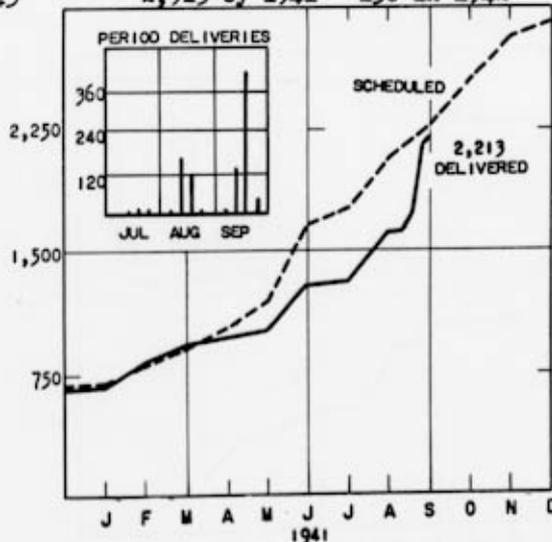
5,940 PRIMARY TRAINER
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER
2,287 by 1941 - 3,403 in 1942 - 461 in 1943

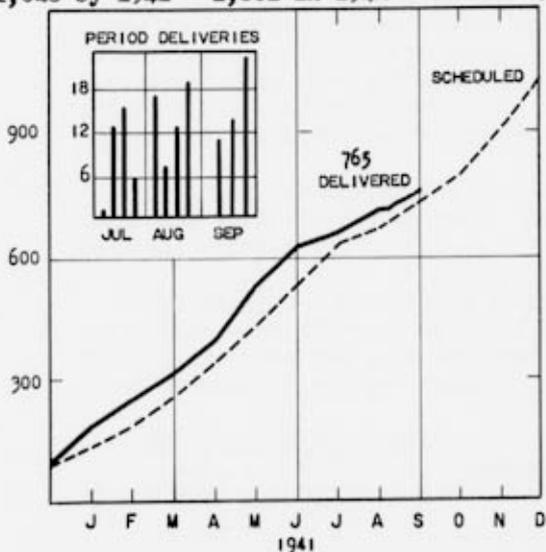


3,051 BASIC TRAINER
2,915 by 1941 - 136 in 1942



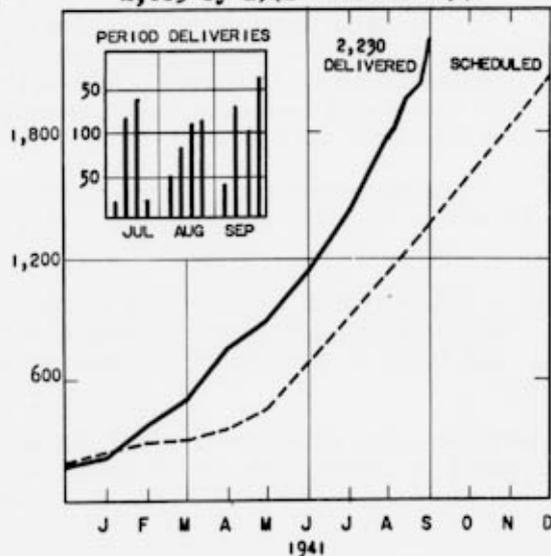
PROJECT AIRPLANES

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

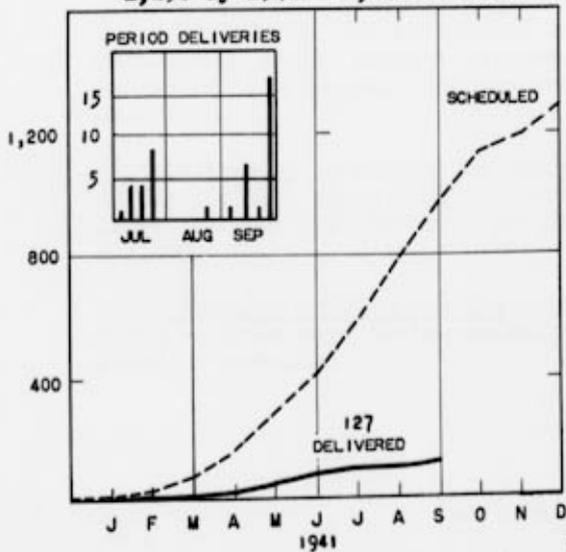


INSTALLATION ENGINES

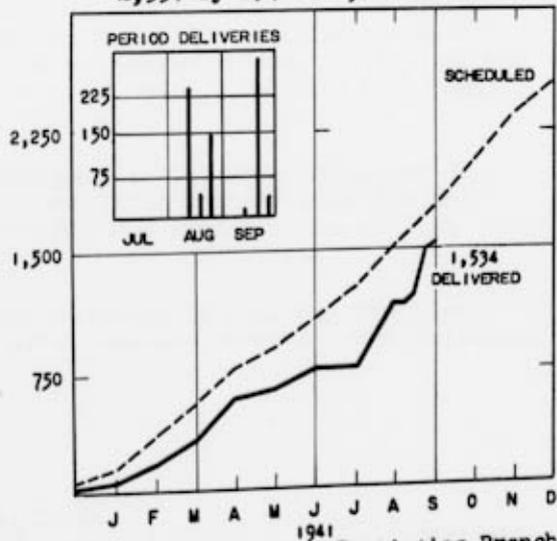
2,297 ADVANCE TRAINER, 1 ENGINE
2,085 by 1941 - 212 in 1942



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



5,464 ADVANCE TRAINER, 2 ENGINE
2,557 by 1941 - 2,907 in 1942



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 9, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of September 23, complete delivery has been made on 61 of the 132 basic items being procured from 1941 funds. The 71 remaining items are completely contracted and an average of 82 percent of their total programs has been procured. Deficiency Appropriation programs have been completely contracted and an average of 63 percent of their combined programs has been delivered. Of the combined 1942 programs, an average of 43 percent has been contracted and an average of 3 percent has been delivered.

Contracts -- During the quarter-monthly period ended September 23, contracts were awarded on basic items covering 13 million units at a cost of 24 million dollars.

Deliveries -- During the quarter-monthly period ended September 23, deliveries were effected on 56 of 71 items procured from 1941 funds; on 34 of 36 items procured from Deficiency Appropriation funds; and on 29 of 113 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 281 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 74 are delinquent; of these, 15 are more than 10 percent delinquent.

MOTOR VEHICLES

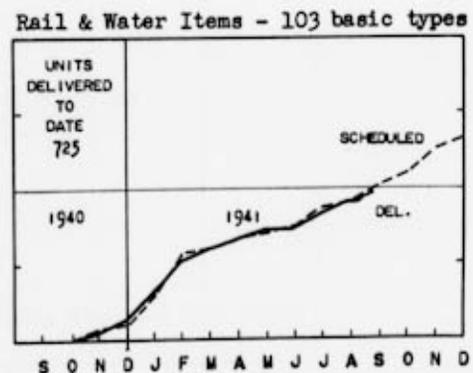
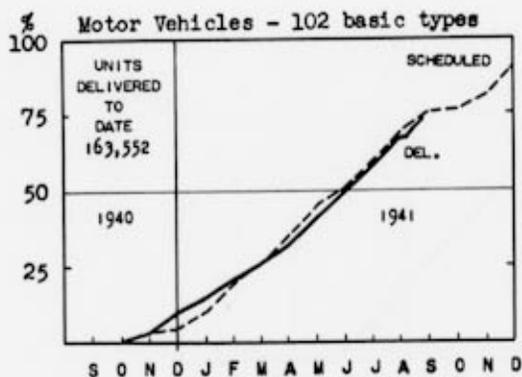
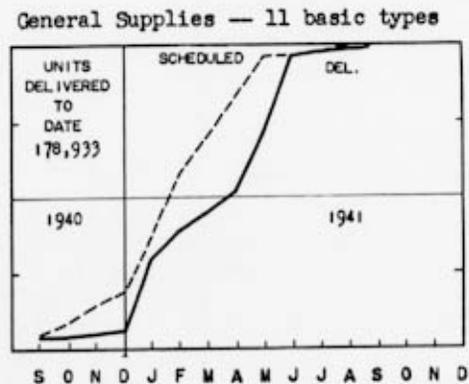
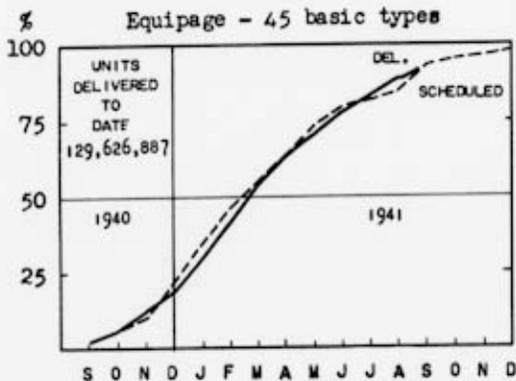
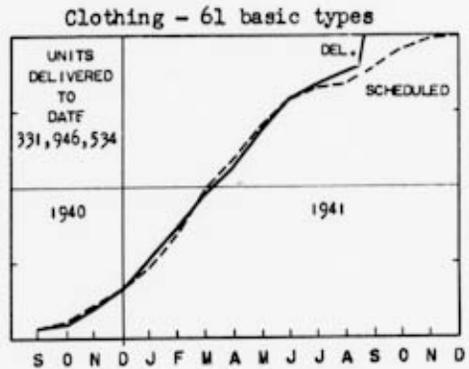
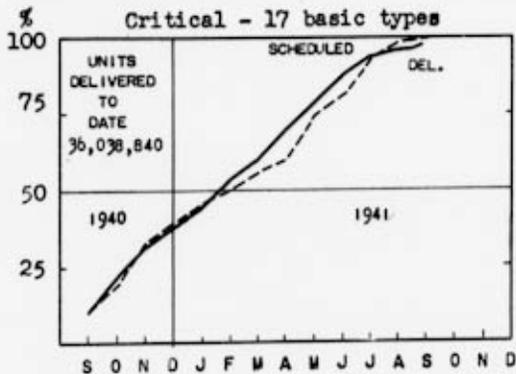
Contracts -- As of September 30, contracts have been awarded for 278,381 vehicles, obligating 379 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 224,206 vehicles has been contracted, and 74 percent delivered. Ninety-three percent (54,175) of the estimated 1942 program has been contracted of which 6 vehicles have been delivered.

Deliveries -- During the quarter-monthly period ended September 30, deliveries were reported on 2,728 vehicles. This brings cumulative deliveries under 1941 funds to 166,280 vehicles at a cost of 214 million dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 7,805 vehicles were behind schedule; 2,613 vehicles, however, were delivered ahead of schedule.

STATUS OF Q.M. PROCUREMENT - F.Y. 1941 - Sept. 23, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

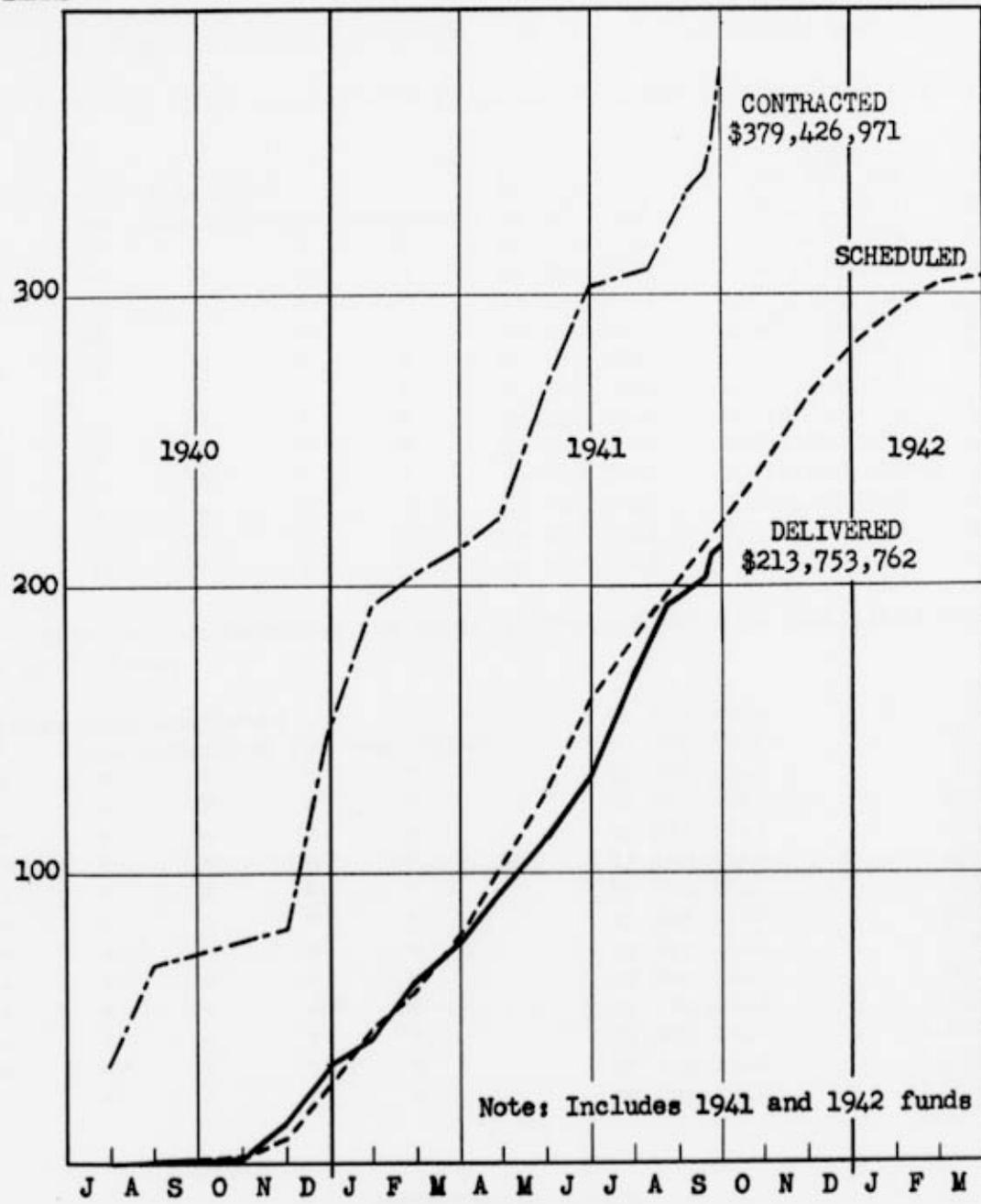
Source of Information: Statistics Branch, Office of the Quartermaster General.



MASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - Sept. 30, 1941

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

LLION
LLARS



Note: Includes 1941 and 1942 funds

TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - September 15, 1941

Source: Statistics Branch, Office of the Quartermaster General

Percentage of construction in place for all Q.M. emergency construction projects based on latest estimated total cost of \$2,309,150,789 is 58% (\$1,346,616,385).

Percentage of contracts awarded of total funds available is 61% (\$1,382,637,158); this low percentage is due to application of original estimates for fixed-fee contracts.

As of September 15, 1941, of 52 Camps and Cantonments under construction with a troop housing capacity of 1,018,066 at a cost of \$663,229,200, 44 are from 95% to 100% complete. These 44 projects have a capacity of 910,607 (65% of total capacity); their estimated completion cost is \$566,091,798 (25% of total estimated cost).

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

					<u>Cost</u>	<u>Capacity</u>
163	projects	were	completed	by Aug 1941	\$ 555,594,363	937,768
189	"	are	scheduled for completion	by Sep 1941	683,314,471	1,024,319
271	"	"	"	by Oct 1941	791,282,709	1,169,994
354	"	"	"	by Nov 1941	1,028,523,151	1,297,960
390	"	"	"	by Dec 1941	1,273,394,942	1,338,304
416	"	"	"	by Jan 1942	1,408,126,946	1,372,250
438	"	"	"	by Feb 1942	1,505,350,665	1,384,968
455	"	"	"	by Mar 1942	1,611,191,207	1,386,452
472	"	"	"	by Apr 1942	1,723,214,370	1,386,638
481	"	"	"	by May 1942	1,805,460,297	1,387,759
503	"	"	"	by Jun 1942	1,973,603,859	1,404,836
509	"	"	"	by Jul 1942	2,062,128,570	1,404,836
513	"	"	"	by Aug 1942	2,108,261,822	1,405,704
519	"	"	"	by Sep 1942	2,167,306,011	1,405,704

Completion dates of new Ordnance and Chemical Warfare Service facilities on a cumulative basis are as follows:

					<u>Cost</u>
5	projects	were	completed	by Aug 1941	\$ 2,820,771
8	"	are	scheduled for completion	by Sep 1941	56,926,475
19	"	"	"	by Oct 1941	93,513,537
30	"	"	"	by Nov 1941	205,988,426
43	"	"	"	by Dec 1941	402,051,653
55	"	"	"	by Jan 1942	486,385,936
65	"	"	"	by Feb 1942	546,384,012
76	"	"	"	by Mar 1942	645,453,185
91	"	"	"	by Apr 1942	756,440,894
98	"	"	"	by May 1942	836,197,121
107	"	"	"	by Jun 1942	919,492,253
112	"	"	"	by Jul 1942	1,007,315,711
115	"	"	"	by Aug 1942	1,052,578,903
118	"	"	"	by Sep 1942	1,074,729,175

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

Source: Construction Division, Office of the Quartermaster General

\$
MILLIONS

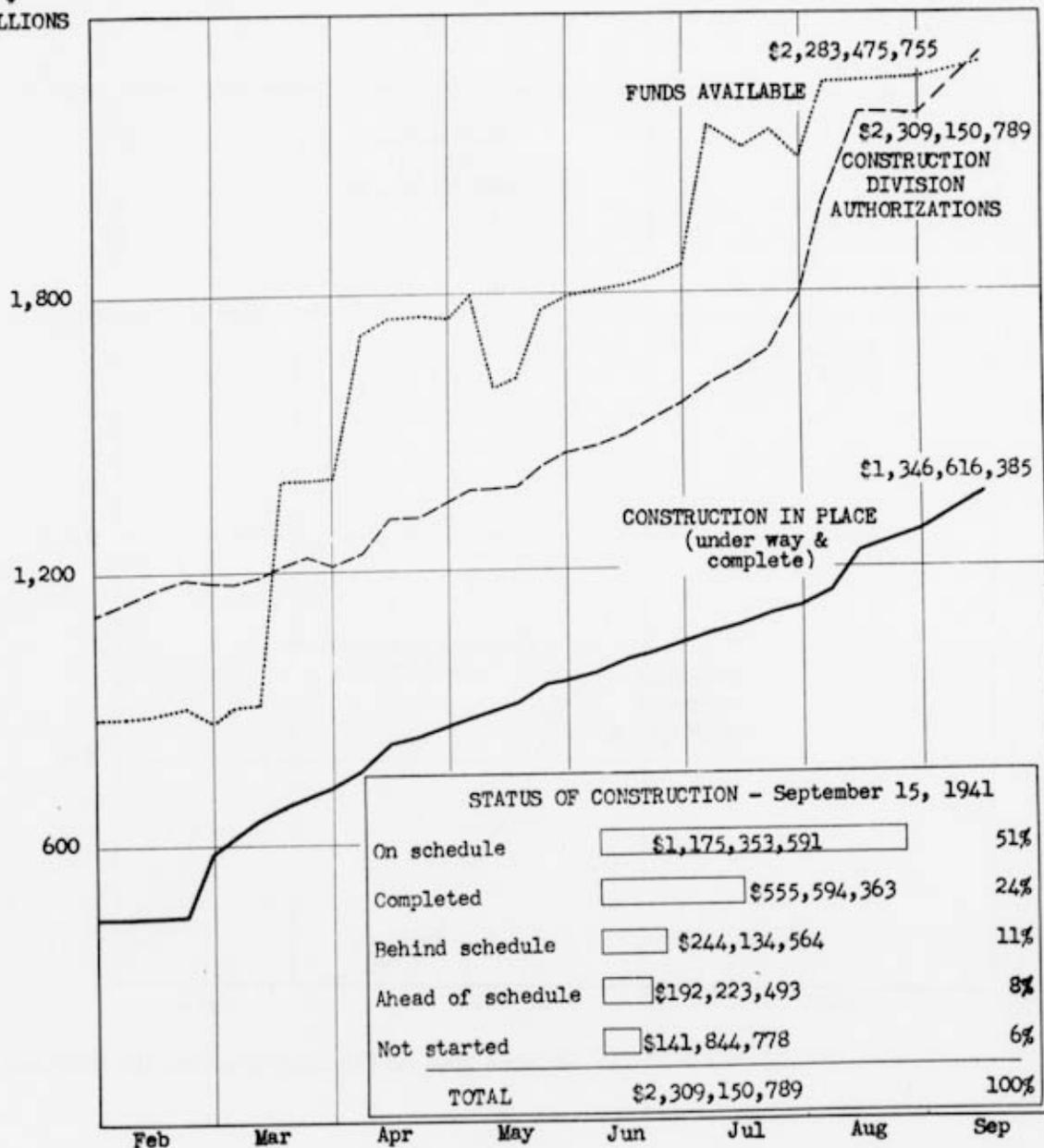
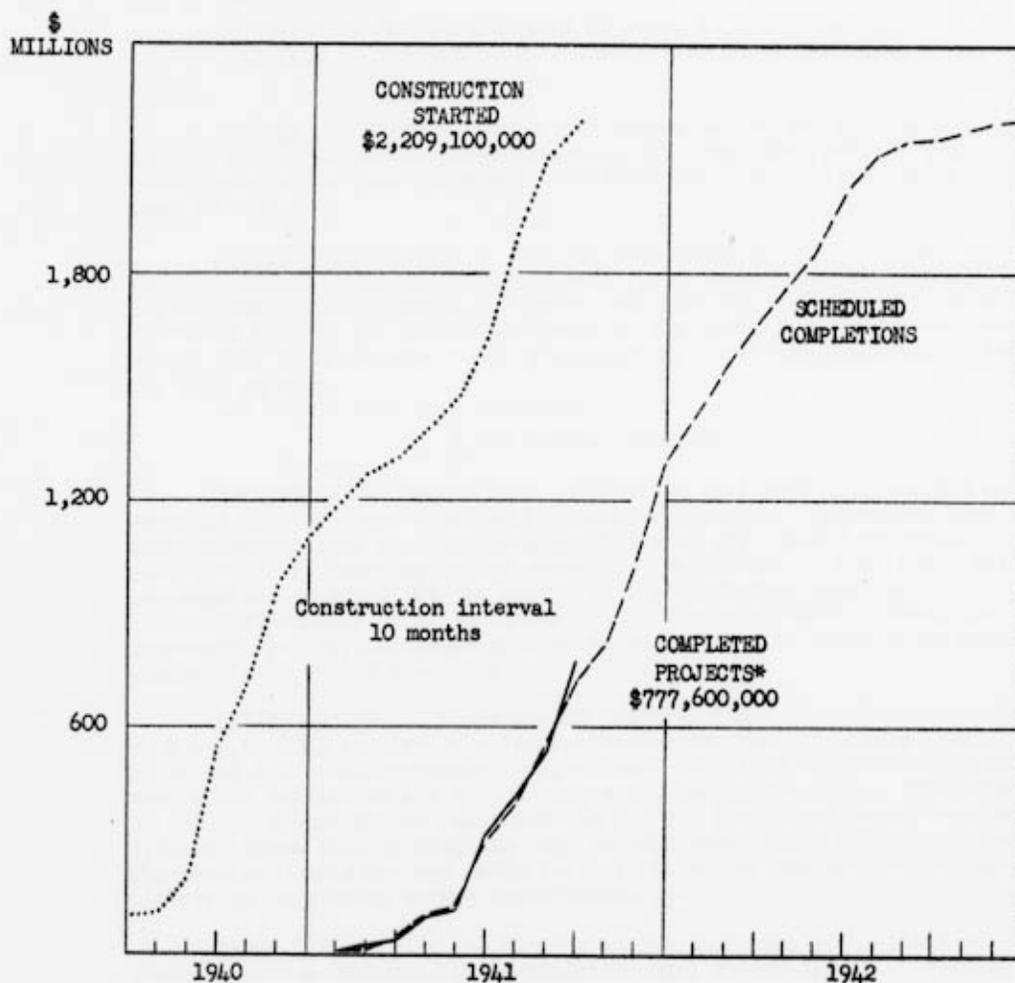


DIAGRAM - STATUS OF COMPLETED Q. M. C. CONSTRUCTION PROJECTS - September 15, 1941

Source: Construction Division, Office of the Quartermaster General



*Includes all projects from 95% to 100% complete

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND EQUIPMENT - OCT. 4, 1941

Source of Information:

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

PROGRAM - Figures include all quantities on the F.Y. 1941, Regular F.Y. 1942 and First Supplemental F.Y. 1942 programs. Ground radio program has been increased to reflect addition of 1,500 Radio sets SCR-288.

STATUS OF CONTRACTS -- All critical items on the F.Y. 1941 program, except Transmitter Tuning Unit TU-25, Instrument Blind Landing Equipment SCR-251 and 1,500 Radio sets SCR-288, are under contract. Contracts awarded for ground equipment on the Regular and First Supplemental F.Y. 1942 programs total \$7,474,457 or 5% of the funds appropriated for this purpose.

New awards last week included:-

6,927 (miles) Wire W-110-B

DELIVERIES - Ground radio deliveries last week totalled 411 sets compared with 697 sets received in the previous week. Deliveries were made on seven types of radio sets and included 203 SCR-245 vehicular sets which have been far behind schedule. Deliveries of the latter set are expected to accelerate in line with the receipt of minor parts.

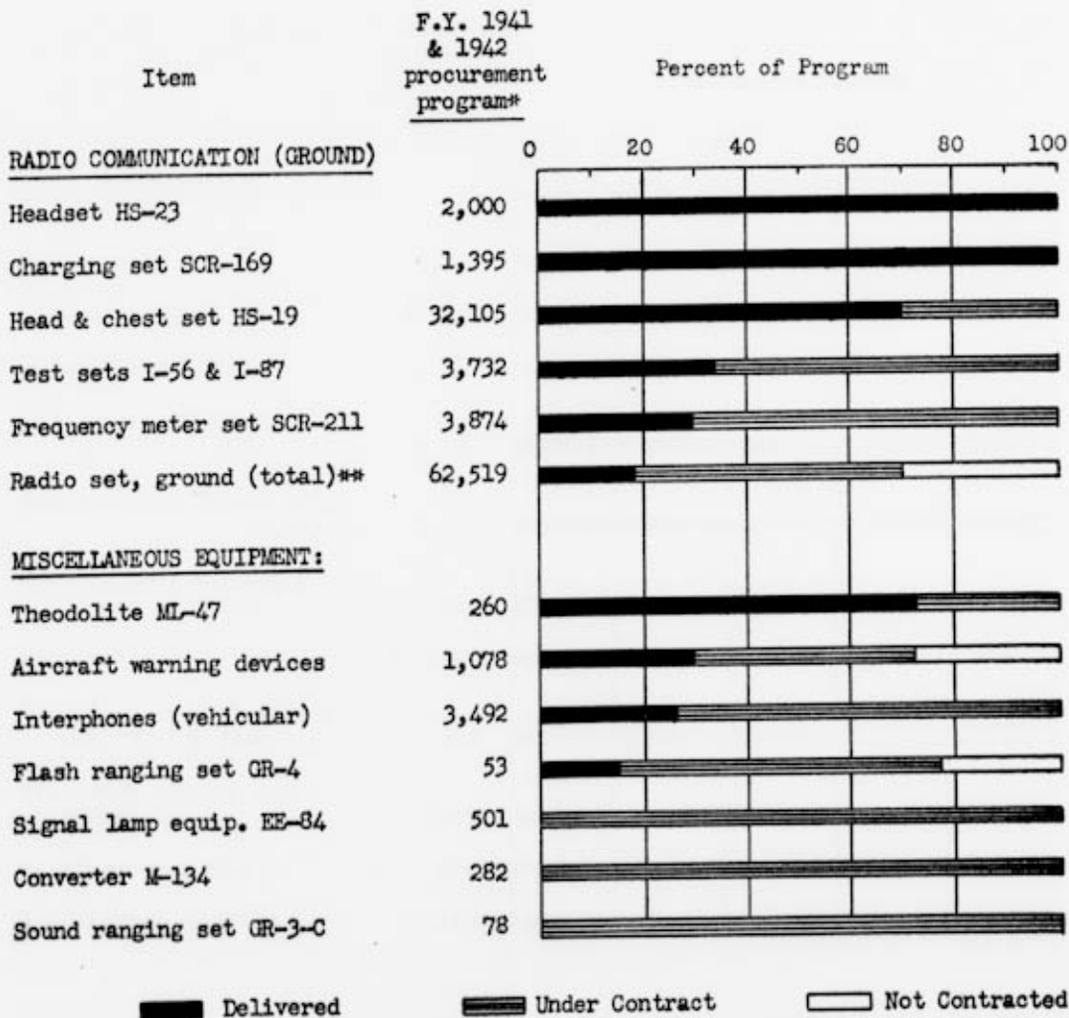
The delivery of ground items, other than radio sets, showed improvement last week although deliveries on a number of these items remain substantially behind schedules.

DELINQUENCIES - There are 47 critical items of ground equipment on the F.Y. 1941 program on which deliveries are due. Of these items, 29 or 61% are behind scheduled deliveries. Out of 17 types of radio sets upon which deliveries are due, 11 types are behind schedules. The total of all delinquent ground radio sets is 6,137. The Signal Corps reports 3,647 of these sets as complete less certain small parts and accessories. The required parts are now being received in volume and delivery of complete sets is showing marked improvement.

LABOR DIFFICULTIES - Strikes at the Muskegon, Mich. plant of Anaconda Wire & Cable and at Insolantite Inc., Belleville, N.J. continue. The latter concern manufactures insulators for several important radio manufacturers and continuation of this strike may seriously affect the production of radio equipment.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - OCTOBER 4, 1941

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

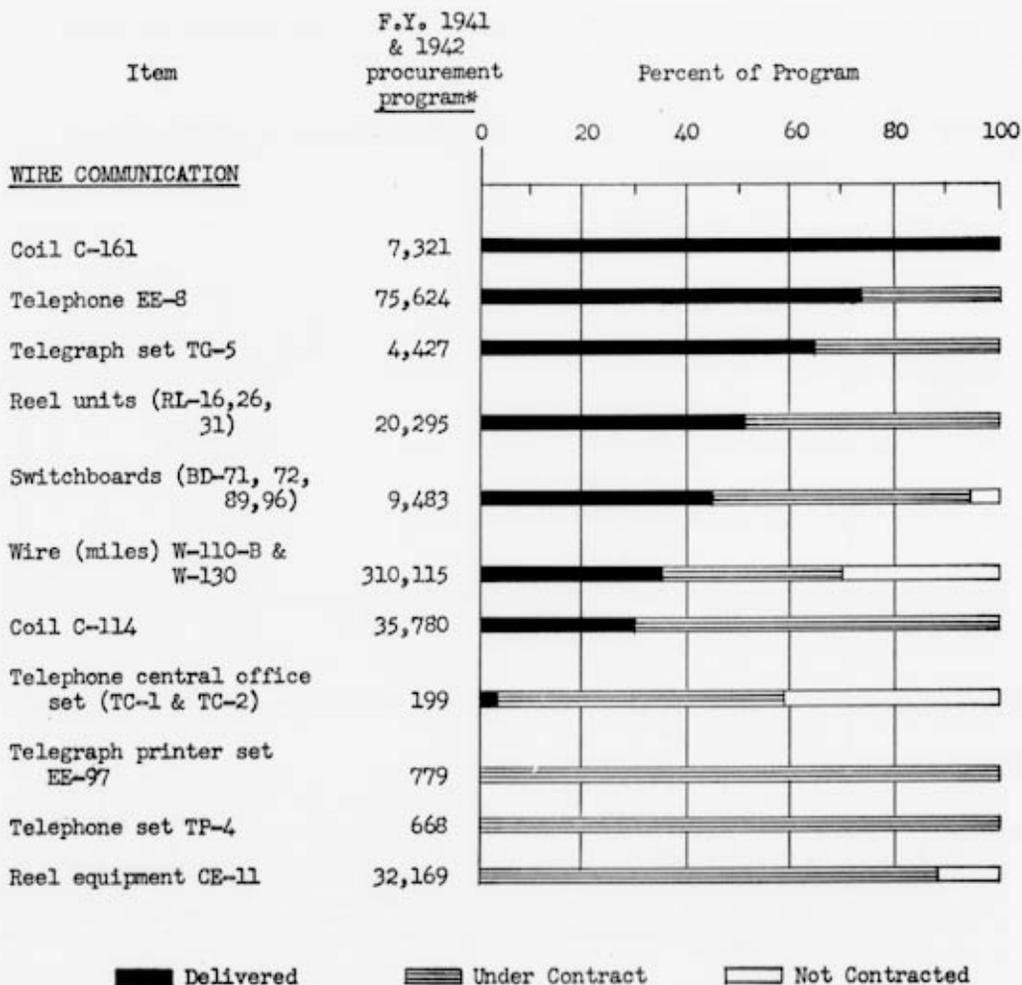


* Quantities in excess of program figures include procurement for other Services and special requirements.

** Reflects addition of 1,500 SCR-288 to F.Y. 1941 program.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - OCTOBER 4, 1941

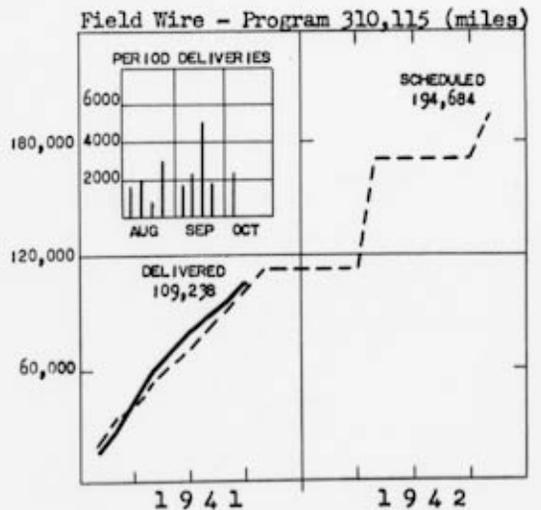
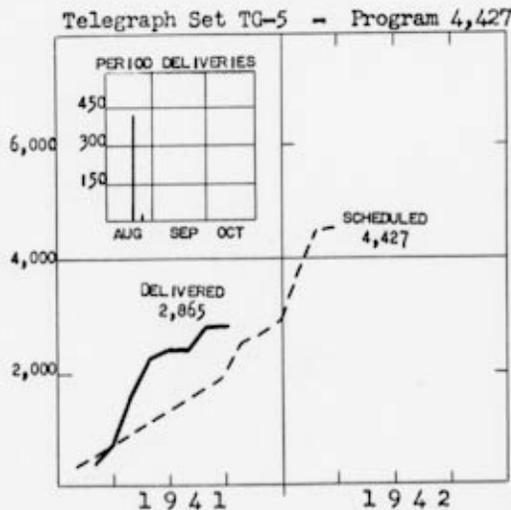
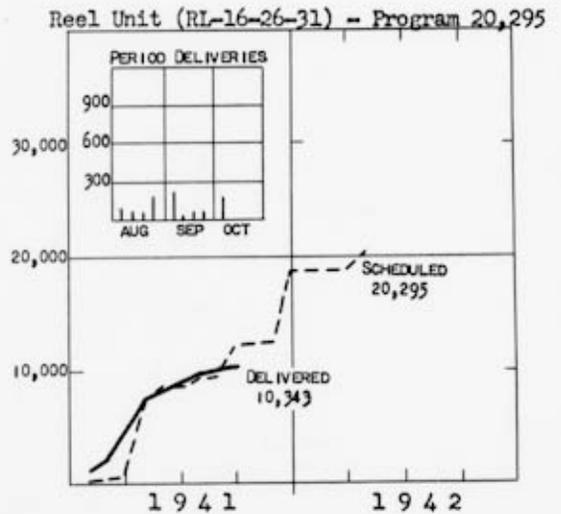
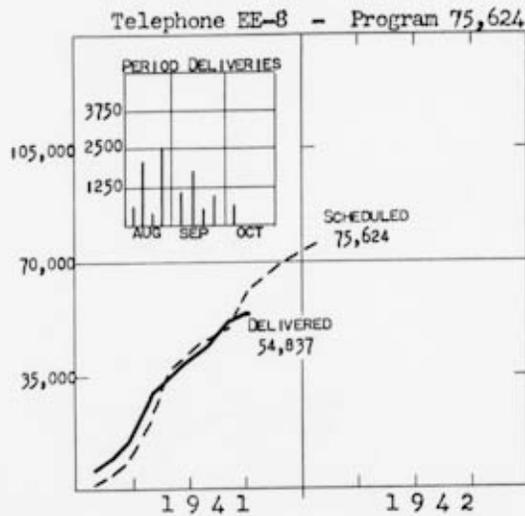
Source of Information: Office of the Chief Signal Officer, Supply Division



* Quantities in excess of program include procurement for other Services and special requirements.

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - OCT. 4, 1941

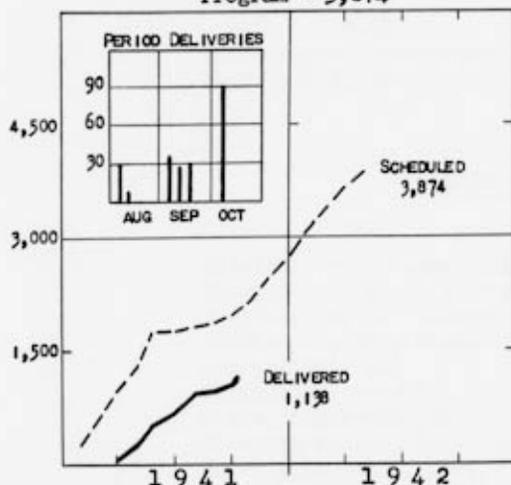
Source of Information: Supply Division, Office of the Chief Signal Officer



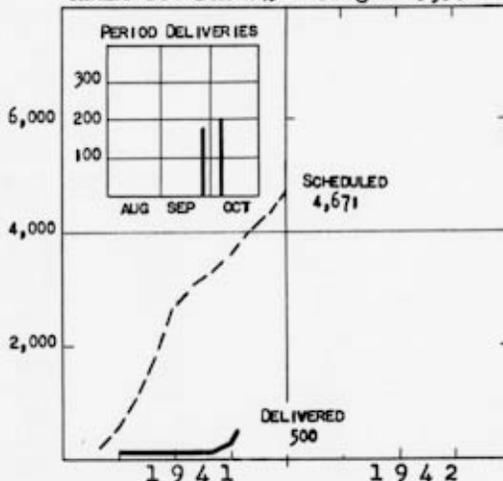
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
OCT. 4, 1941

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

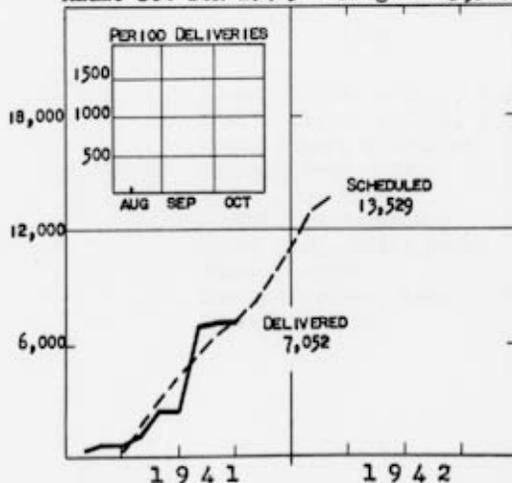
Frequency Meter Set SCR-211
 Program - 3,874



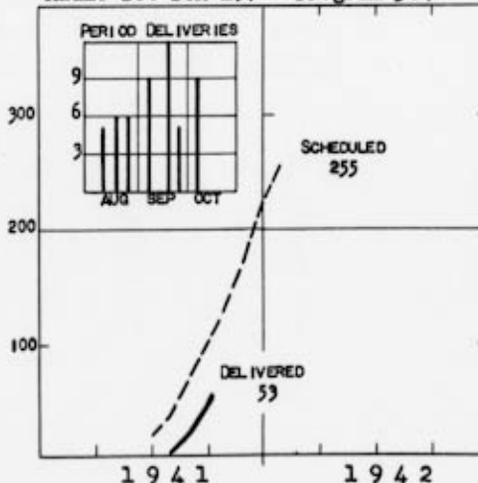
Radio Set SCR-245 - Program 5,590



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



Radio Set SCR-197 - Program 364



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

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

The status of Engineer procurement and the progress made during the month of September is shown below.

AHEAD OF SCHEDULE ON SEPT. 30

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Ahead</u>
Stereoscope, lens-prism	29	76	47
Searchlight, 60" (G.E.)	630	643	13

BEHIND SCHEDULE ON SEPT. 30

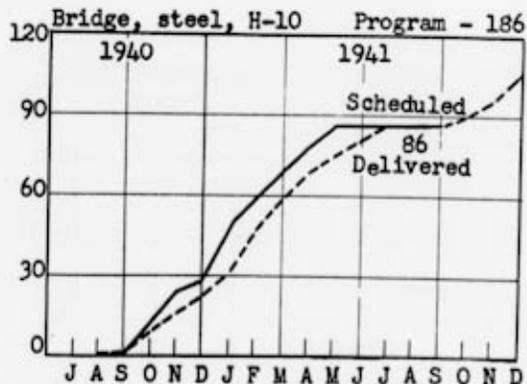
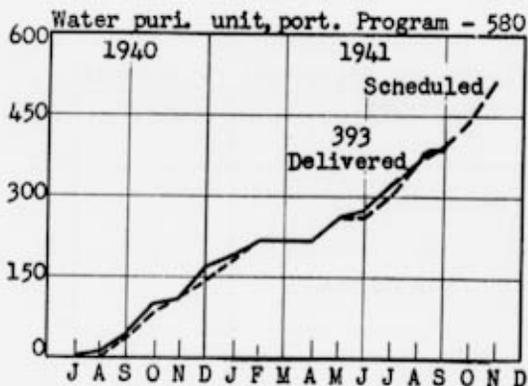
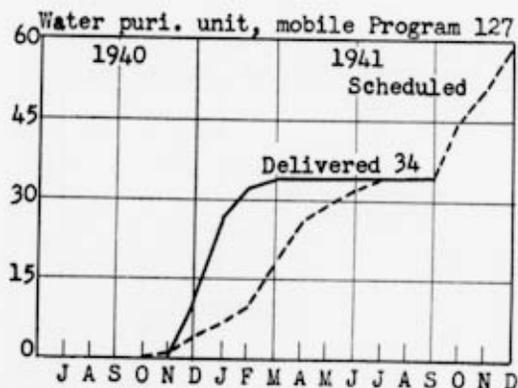
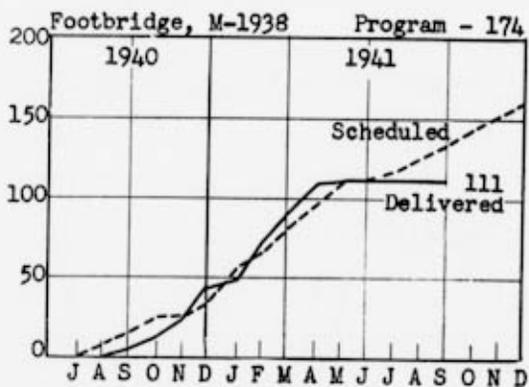
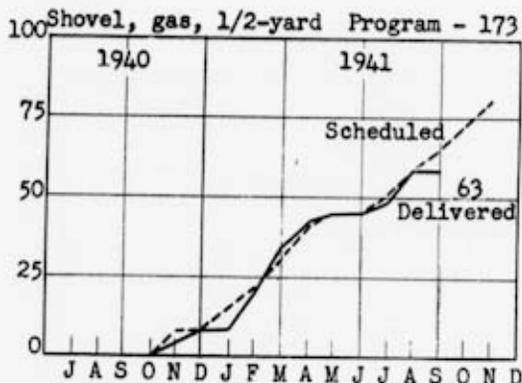
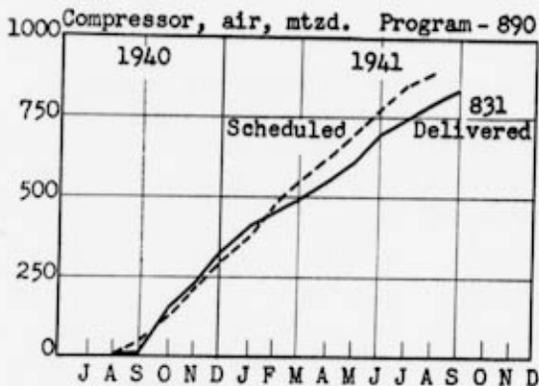
<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Behind</u>
Trailer for 60" searchlight	2250	488	1762
Stereoscope, mag., mirror	1325	1021	304
Searchlight, 60" (Sperry)	860	712	148
Compressor, air, mtzd.	890	831	59
Searchlight, 18"	160	125	35
Footbridge, M-1938	134	111	23
Crane, truck-mounted	18	3	15
Electric equip., 5 kw	166	154	12
Water puri. unit, port.	399	393	6
Bridge, steel, trestle	8	2	6
Shovel, gas, 1/2-yard	65	63	2

NEW CONTRACTS LET---NINE ITEMS

<u>Item</u>	<u>Contracted August 31</u>	<u>Contracted September 30</u>	<u>New contracts</u>
Elect. light. equip., 3 kva	571	865	294
Elect. light. equip., 5 kw	166	243	77
Boat, power, w/trailer	2	47	45
Grader, road mtzd.	92	119	27
Mixer, concrete	99	117	18
Hammer, gas-operated	1063	1079	16
Water puri. unit, port.	508	520	12
Camera, copying	15	24	9
Special equip., avn.	14	17	3
Shovel, 3/4-yd.	3	5	2

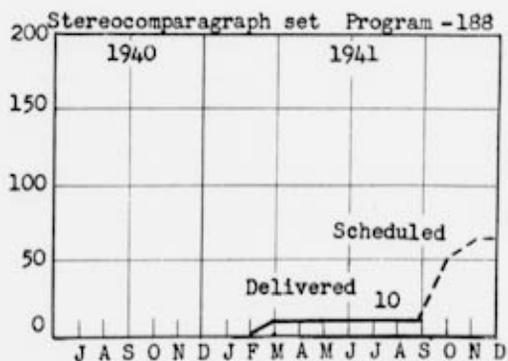
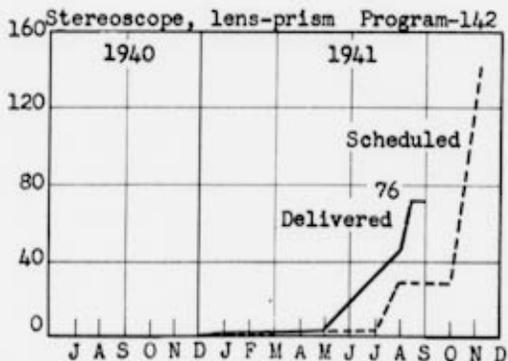
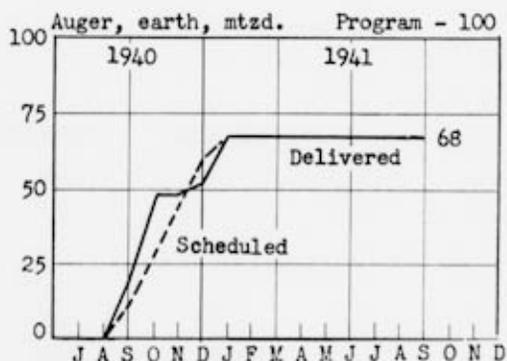
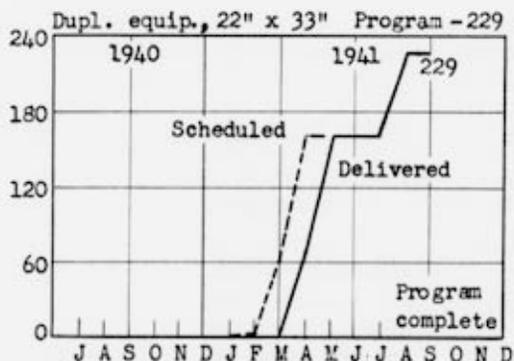
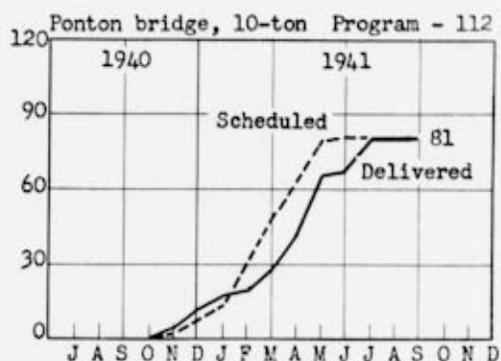
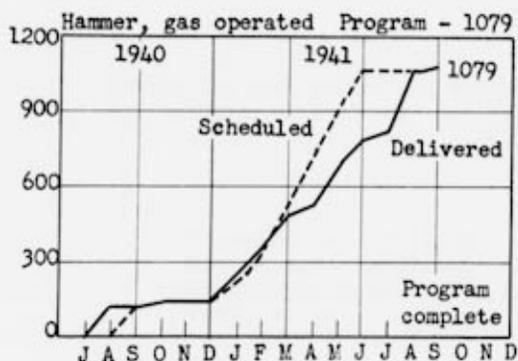
CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - SEPTEMBER 30, 1941

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



CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - SEPTEMBER 30, 1941

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



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

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

During the past period the construction at Air Corps stations being done by the Corps of Engineers has shown the following increases:

	<u>Aug. 31</u>	<u>Sep. 15</u>	<u>Increase</u>
Estimated cost (millions)	657	670	13
Work in place (millions)	295	324	29
Troop capacity (men in thous)	344	347	3
Number of projects	130	131	1

The 670 millions of estimated cost and the 324 millions of value of work in place are distributed as follows:

<u>Tactical units</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
G. H. Q. air force	48	202	155
Observation	13	9	3
<u>Non-tactical units</u>			
Pilot schools	43	172	57
Technical schools	6	79	52
Air Corps depots	11	108	24
Assembly plants	4	72	23
Replacement centers	2	10	6
Experimental depots	1	12	4
Ferry command	3	6	--
	<u> </u>	<u> </u>	<u> </u>
Total	131	670	324

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED OCTOBER 11, 1941

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

The Picker X-Ray Corporation of New York City, with its manufacturing plant in Cleveland, Ohio, continues steady deliveries on the Mobile Field X-Ray Unit and is now eighty machines ahead of schedule. The last of the four contracts held by this corporation for a total of 642 machines calls for completion May 14, 1942.

The Westinghouse X-Ray Corporation, Long Island City, New York, manufacturing the Table Type of Field X-Ray Unit, does not present so good a picture. This company has two contracts calling for a total of 207 machines. Both contracts are now delinquent and are 102 units behind schedule.

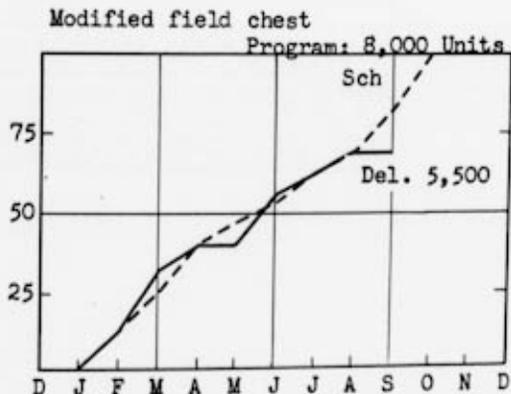
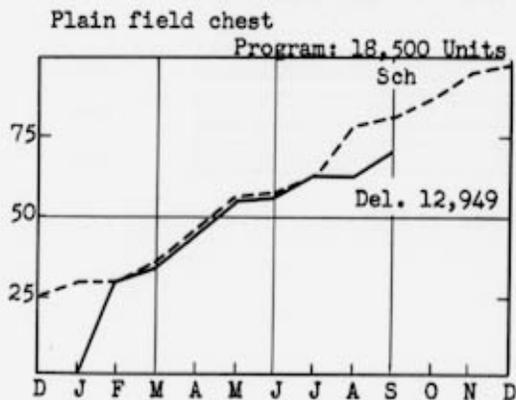
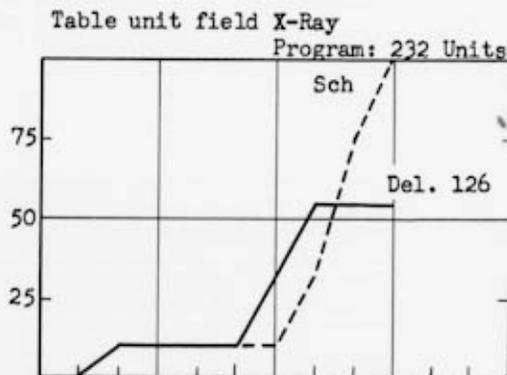
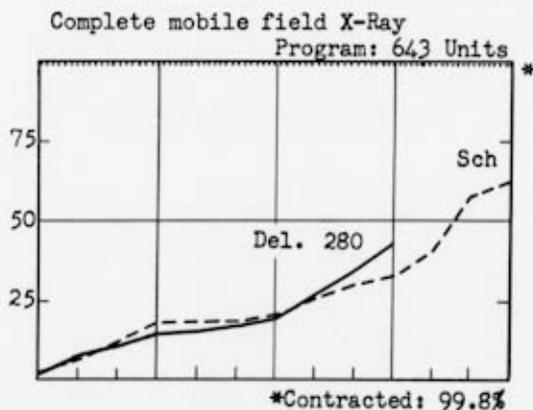
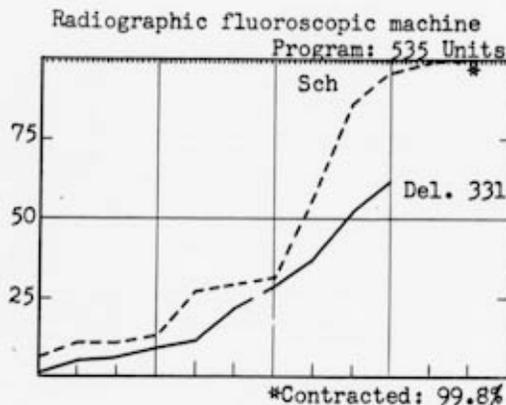
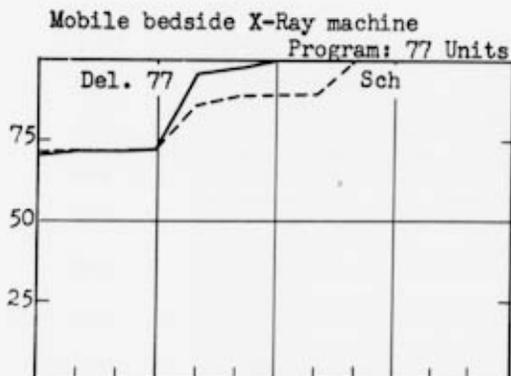
In connection with a recent complaint by the pharmacists of the country on the extreme shortage of Ethyl Alcohol, making it difficult for them to carry on their legitimate business, the following report of the Treasury Department is of interest: The output of Ethyl Alcohol in August, 1941, was 34,299,071 proof gallons, compared with 24,094,281 in August, 1940. A continuation of this gain should relieve the situation in a few months.

In the week ending October 2, the percentage of sick within the continental limits of the United States was 3.40. There were 3.22 percent in hospital and .18 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS, SIX CRITICAL ITEMS, F.Y. 1941 - SEPT. 30, 1941

Source of Information: Medical Department Procurement Progress Reports

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



MEDICAL DEPARTMENT - DELIVERY STATUS, F. Y. 1941 PROGRAM - SEPTEMBER 30, 1941

Source of Information: Medical Department Procurement Progress Reports

Sixty-One Critical Items

1941	Behind Schedule	On Schedule	Ahead of Schedule
Jan	11	27	23
Feb	10	28	23
Mar	18	20	23
Apr	21	20	20
May	27	15	19
Jun	30	10	21
Jul	24	12	25
Aug	25	14	22
Sep	26	16	19

Seventy-One Selected Items

Jan	20	30	21
Feb	17	37	17
Mar	31	24	16
Apr	22	34	15
May	13	43	15
Jun	16	40	15
Jul	29	34	8
Aug	31	34	6
Sep	43	25	3

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS OCTOBER 3, 1941

Source of Information: Chemical Warfare Service Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on seven Critical and eleven Essential items of the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 55,951 units. Sixty-seven percent of the program is now completed. Edgewood Arsenal reports a delivery of 9,667 Diaphragm Masks. This is the first reported delivery of Diaphragm Masks called for by the Fifth Supplemental Appropriation Act.

There were 7,160 Training Masks reported delivered in comparison with 3,800 units reported the previous week.

A delivery of 1,480 Extra Service Canisters was also reported. The limiting factor for large scale production of these canisters is whetlerite.

CHEMICAL AGENTS: There were 197.95 tons of De-mustardizing Bleach and 15,853 gallons of Non-corrosive De-mustardizing Agent reported delivered this period.

The Mustard Gas production for the week totals 70 tons as reported by Edgewood Arsenal. There were 53.15 tons of White Phosphorus delivered to Edgewood during the period covered by this report.

PROTECTIVE AGENTS: Edgewood Arsenal reports production of 7.9 tons of Impregnite "I" of which 7.2 tons were accepted. It is reported that the Dupont plant will be producing in the near future.

A delivery of 92,858 eight-ounce tubes of Shoe Impregnite and 22.35 tons of Impregnite Solvents was also reported.

VARIOUS DELIVERIES: There were 11,500 Dust Respirators; 900 Irritant Candles, and 55 Unit Container Openers (Dazy Type) delivered during the week of this report. Production of Smoke Pots is temporarily delayed and emphasis will be placed on the production of Identification Sets. There were 110 Instructional and 260 Detonation sets reported delivered. An attempt will be made to complete these two items in the very near future.

INCENDIARY BOMBS: The Chemical Warfare Service is making considerable progress in its arrangements for the manufacture of 100,000,000 four-pound incendiary bombs. A dilemma exists as regards the raw material, magnesium. The bomb program calls for more magnesium than exists today. Furthermore, the Chief of the Air Corps not long ago indicated that aircraft production would absorb the entire magnesium production between now and the summer of 1942.

In case an adequate supply of magnesium becomes available, the manufacturing plans of the Chemical Warfare Service contemplate a production of 9,000,000 bombs a month. A government facility for the loading of 3,000,000 bombs a month is to be ready for operation in August of 1942

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - CONTINUED

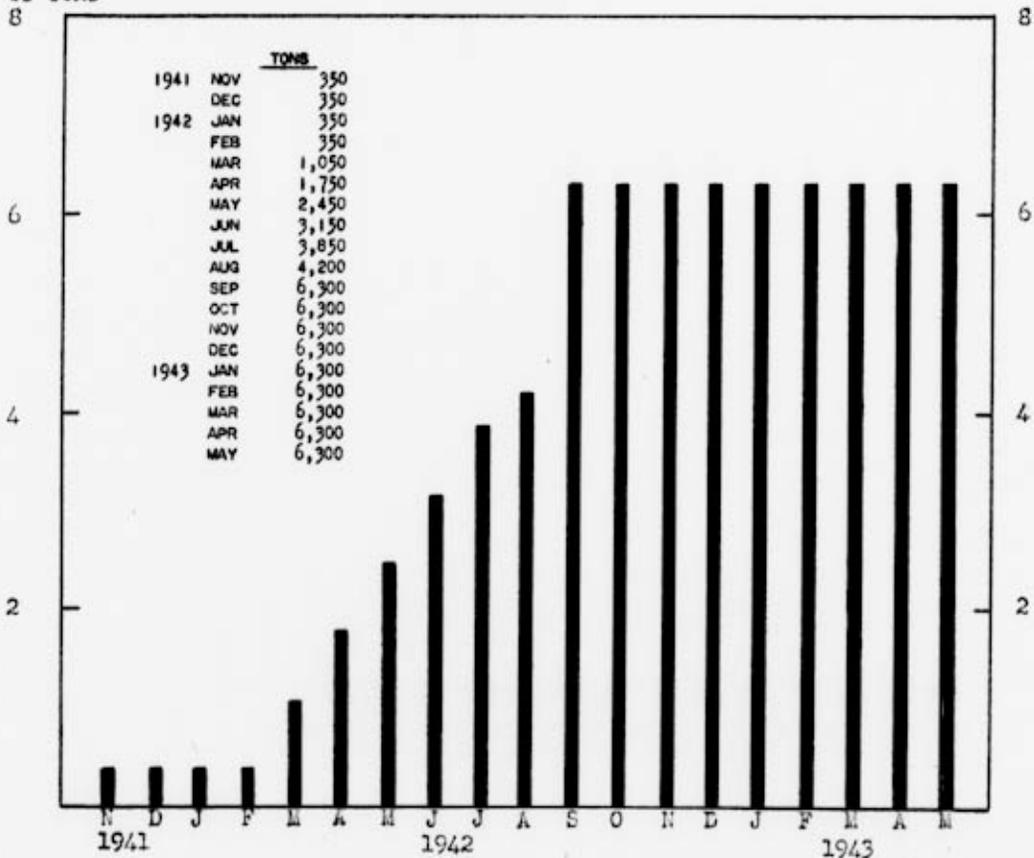
and it is believed that private industry will be able to handle the loading of 6,000,000 bombs a month.

Pending adequate supplies of magnesium, the Chemical Warfare Service has developed a less effective substitute bomb. It has been reported that the British Government does not desire the substitute bomb and has requested the magnesium bomb. The substitute bomb will be made available to our Army. The facilities being planned for the Chemical Warfare Service can be utilized at short notice for the manufacture of either type of bomb.

The magnesium requirement schedule for the 99,913,935 bomb program is shown in the diagram below.

Thousands
of Tons
8

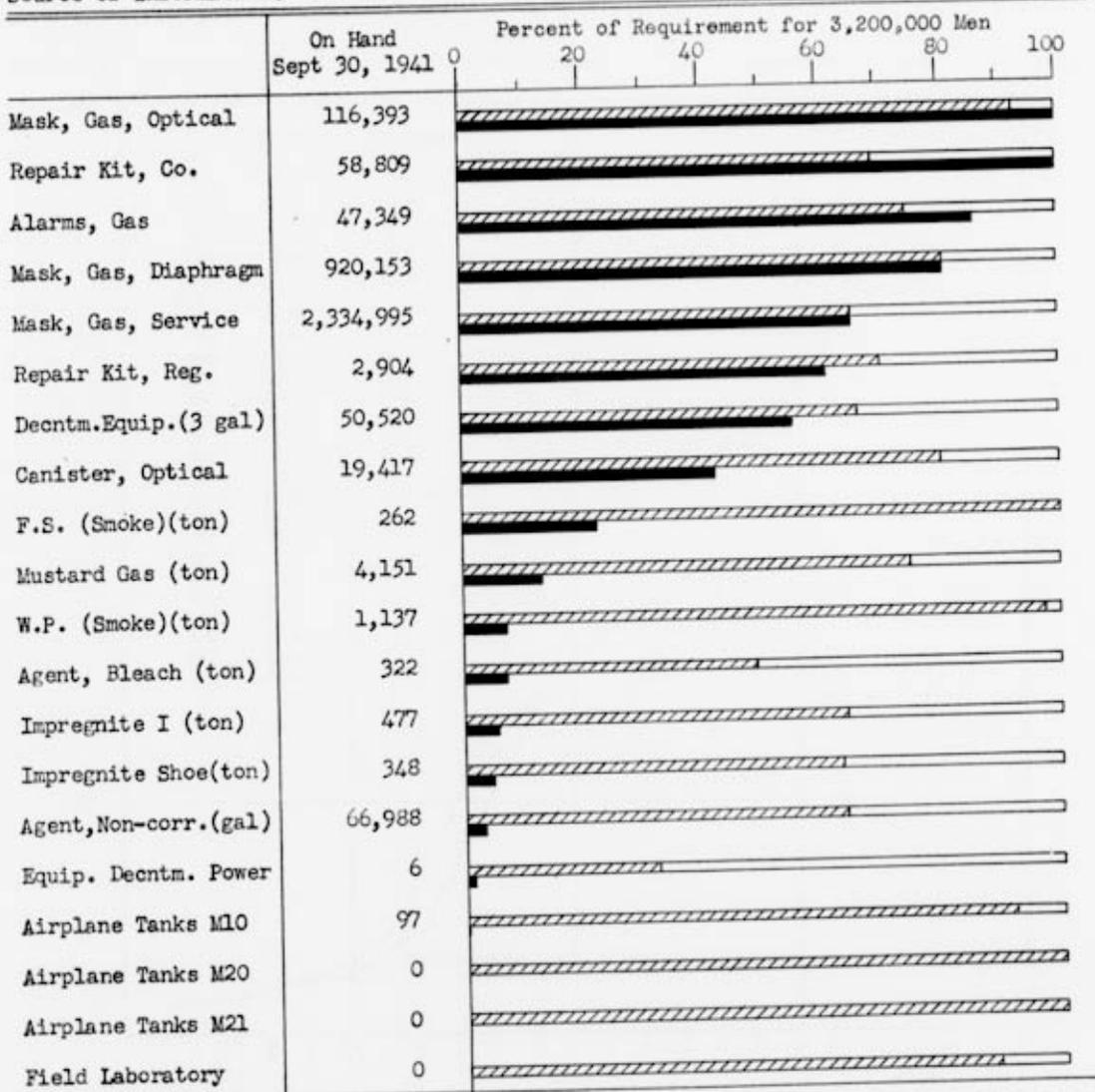
MAGNESIUM REQUIREMENTS FOR INCENDIARY BOMBS



PROCUREMENT AND REQUIREMENT OF SELECTED ITEMS

Source of Information: Chemical Warfare Service

Status October 3, 1941



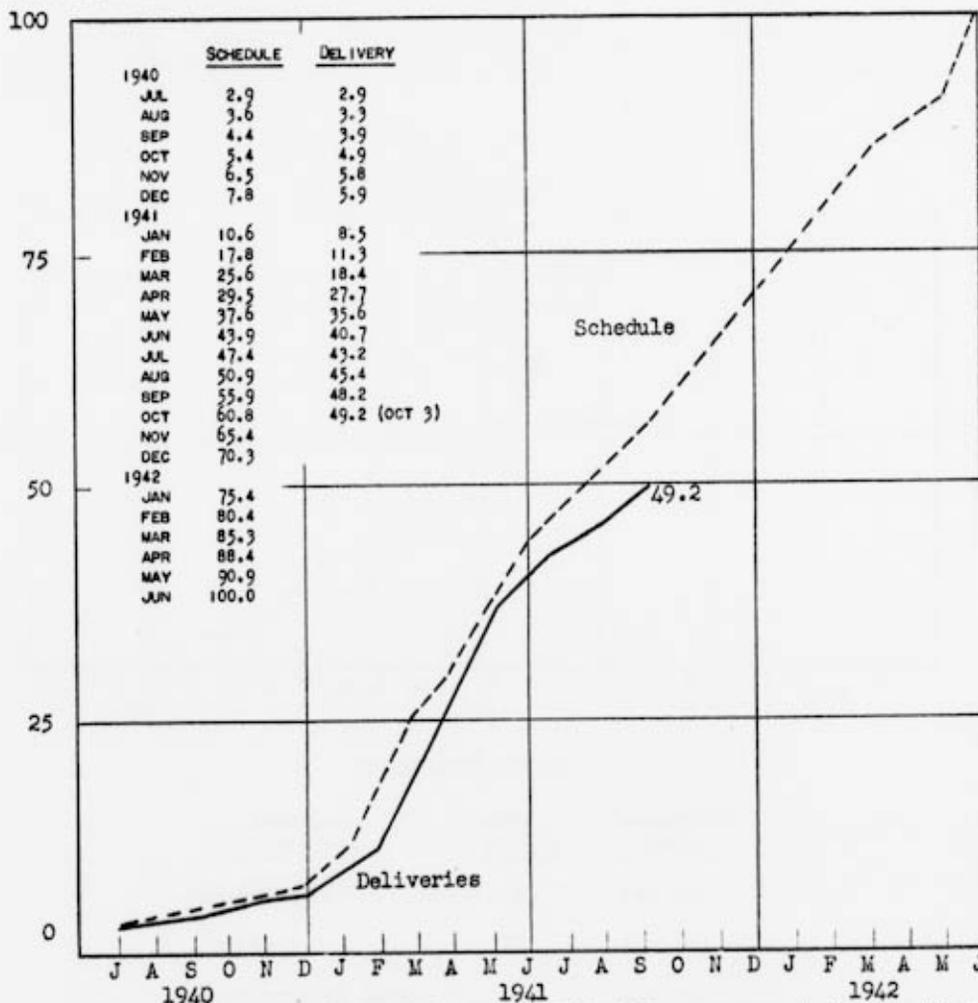
Stocks on Hand
 Requirement for 1,820,000 Men
 Additional Requirement for 3,200,000 Men

PROCUREMENT INDEX
CHEMICAL WARFARE

SELECTED CRITICAL ITEMS

Source of Information: Chemical Warfare Service

Status October 3, 1941

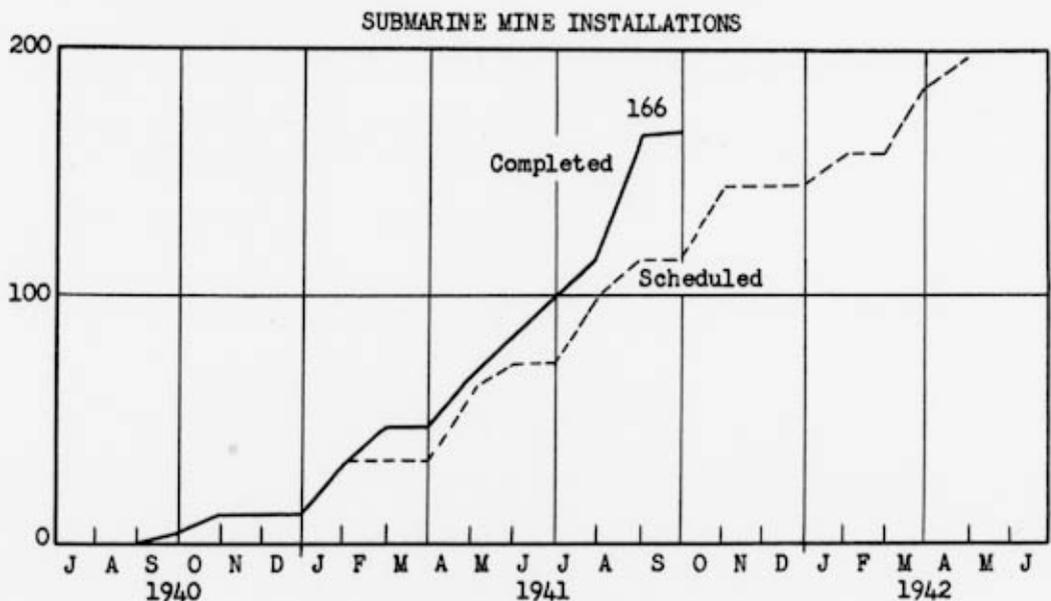


Index shows status of Chemical Warfare Materiel procurement for the Fiscal Years 1940, 1941 and 1942 including the First Supplemental Appropriation Act. Figures are based upon the scheduled and actual deliveries of 15 Critical items, which have been weighed according to the estimated unit cost of each.

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

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	17	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	31	

*8 of 25 completed

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War*

WEEKLY STATISTICAL REPORT

No. 16

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SUMMARY

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WAR DEPARTMENT

Copy No. SB-1642-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT # 16
OCTOBER 18, 1941

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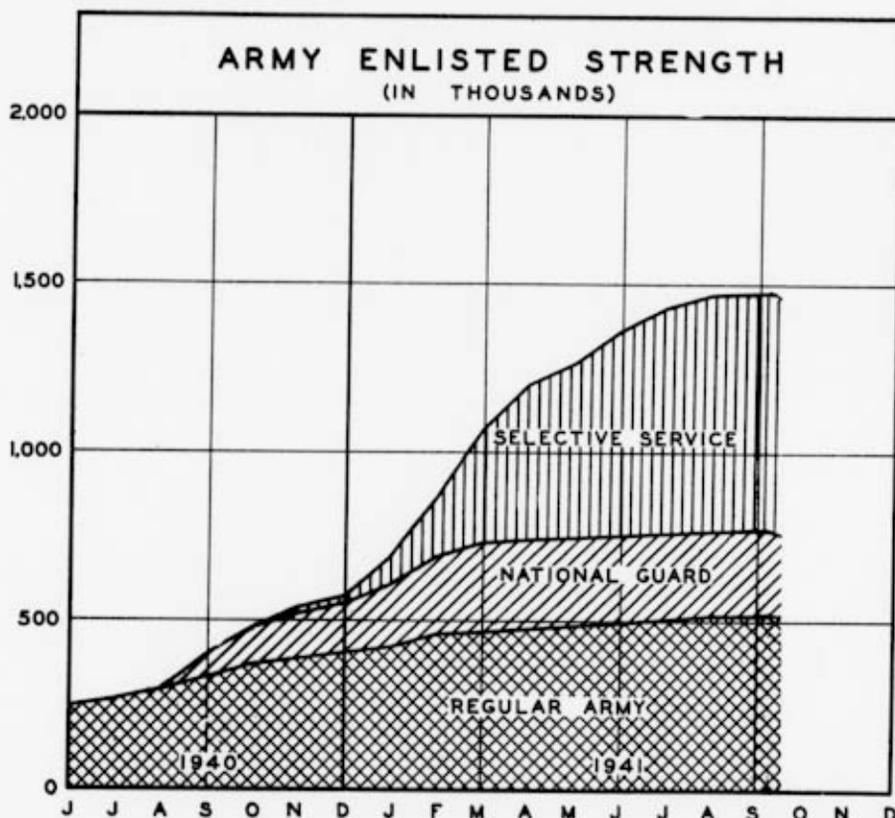
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Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to October 14, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of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

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,469,792
Sep	407,613	Mar	1,068,030	Sep	1,471,000
Oct	483,218	Apr	1,205,873	Oct 14	1,465,000
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

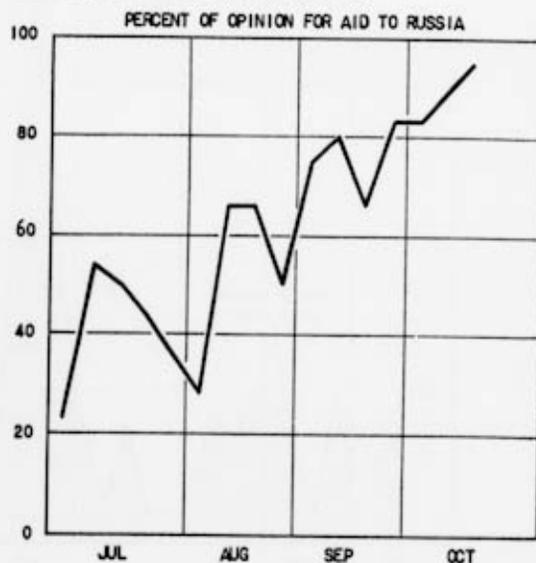
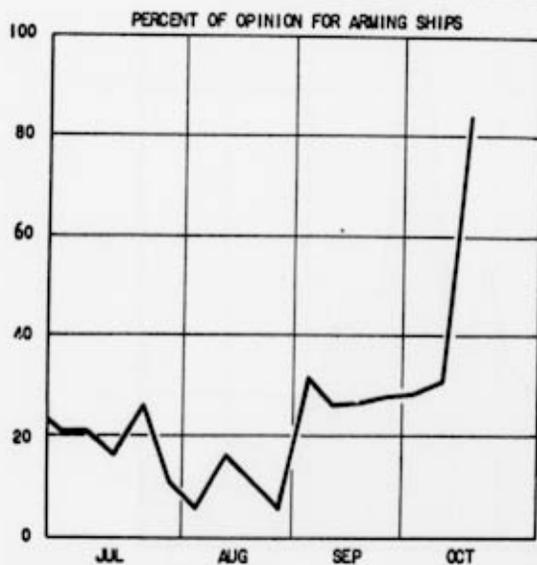
Source of Information: Statistics Branch, General Staff, October 14, 1941

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

Source of Information: Statistics Branch, OUSW, October 15, 1941

PERCENT OF EDITORIAL OPINIONS

	IN FAVOR	AGAINST	NO OPINION EXPRESSED
REPEAL OR REVISION OF NEUTRALITY ACT LAST WEEK	84 68	11 11	5 21
ARMING OF AMERICAN MERCHANT SHIPS LAST WEEK	84 31	11 11	5 58
REPEAL OF SECTION 2 RESTRICTED ZONES	63	5	32
FOR REPEAL OF ACT INSTEAD OF REVISION	53	11	36
AID TO RUSSIA LAST WEEK	95 89	5 11	- -
FOR BARUCH PLAN IN GORE BILL	89	5	6
SECURITY EXTENSION LAST WEEK	26 21	37 26	37 53

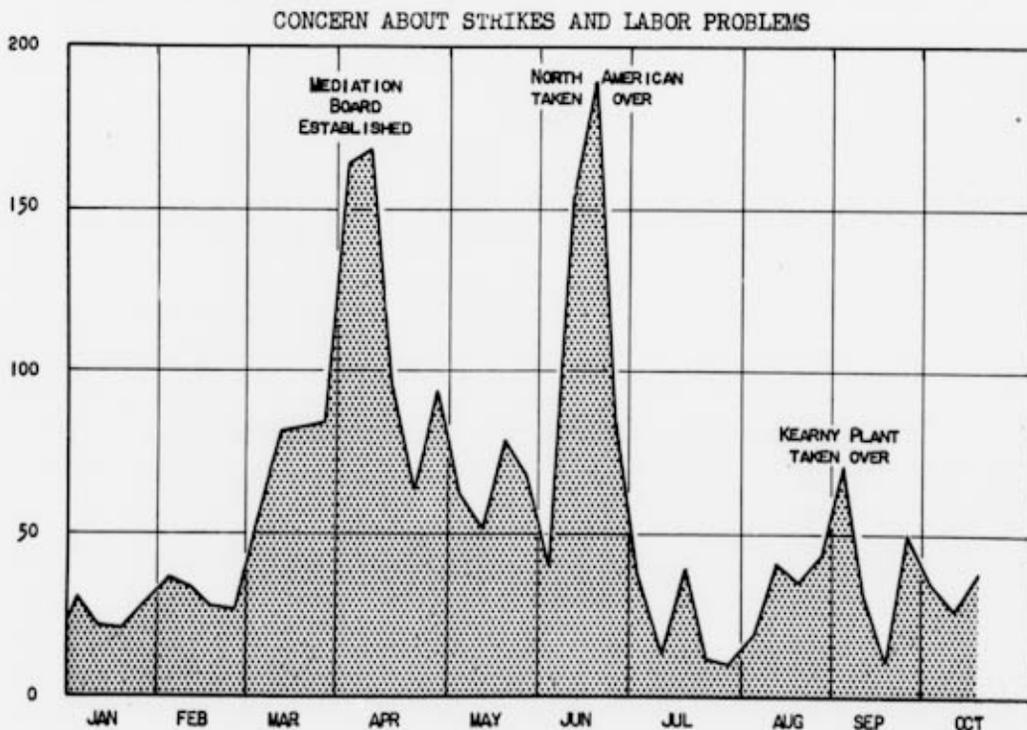


EDITORIAL OPINION ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, October 15, 1941

Periods of strikes have been accompanied by editorial criticism of Government labor policies. The diagram at the bottom of the page shows the fluctuations of such criticism since the first of the year.

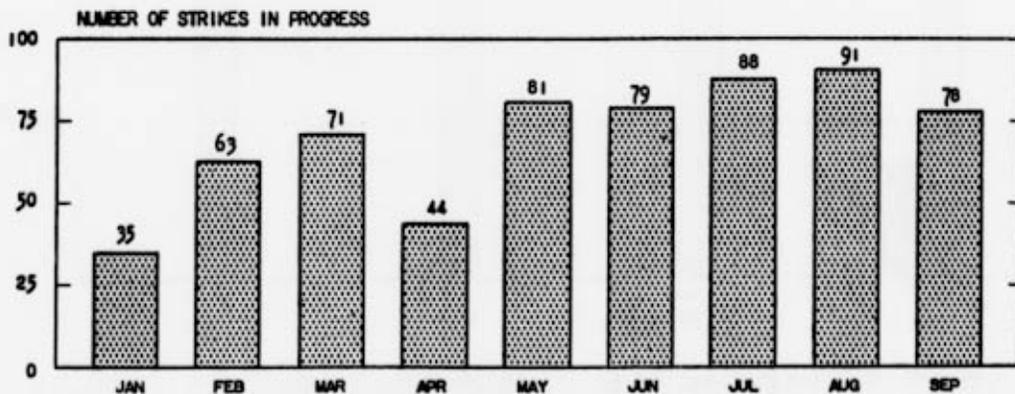
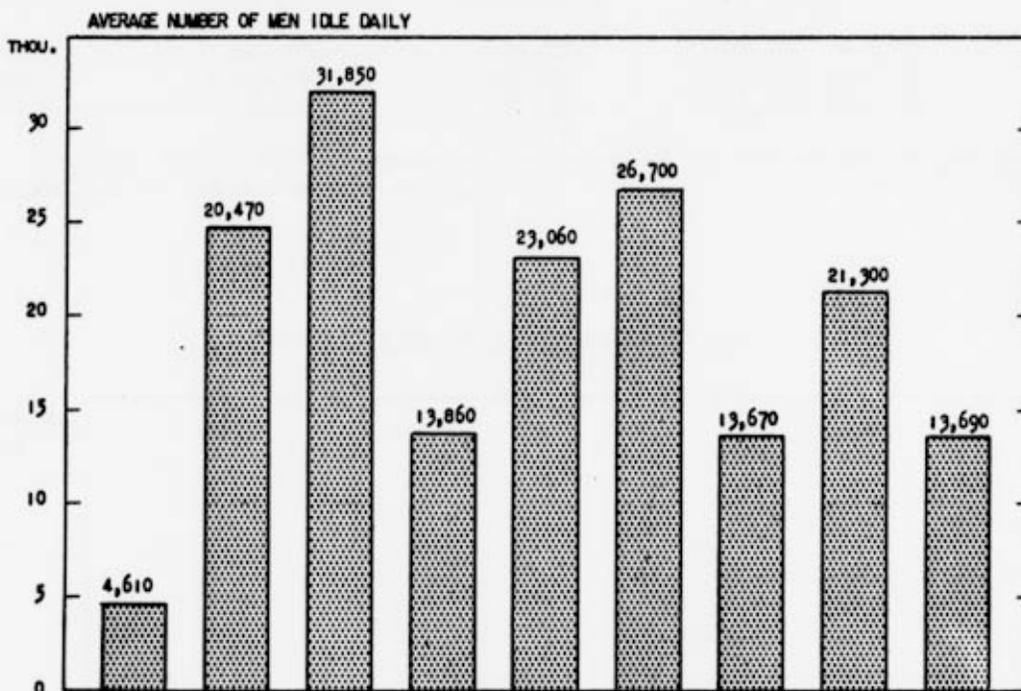
Criticism has risen to three conspicuous high peaks. The first advance, which began in March, culminated with the establishment of the National Defense Mediation Board. The second peak of criticism occurred at the time of the North American Corporation strike and was followed by a rapid decline after the plant was taken over by the Army. During the following two months the impression obtained that labor problems were near solution, and it is probably for this reason that the lift in the line which occurred at the time of the strike at Kearny was the smallest of the three. A new decline occurred shortly after the company was taken over by the Navy.



STRIKES AFFECTING WAR DEPARTMENT PROCUREMENT

There were fewer strikes in plants working on War Department contracts in September than in August. The average number of man-days lost daily was 13,690 in September compared with 21,300 in the previous month. The first half of October, however, indicates that both the number of strikes and the average number of men idle daily will again approach the figures for August.

Source of Information: Labor Section, OUSW



MANGANESE ORE

Source of Information: U. S. Bureau of Mines.

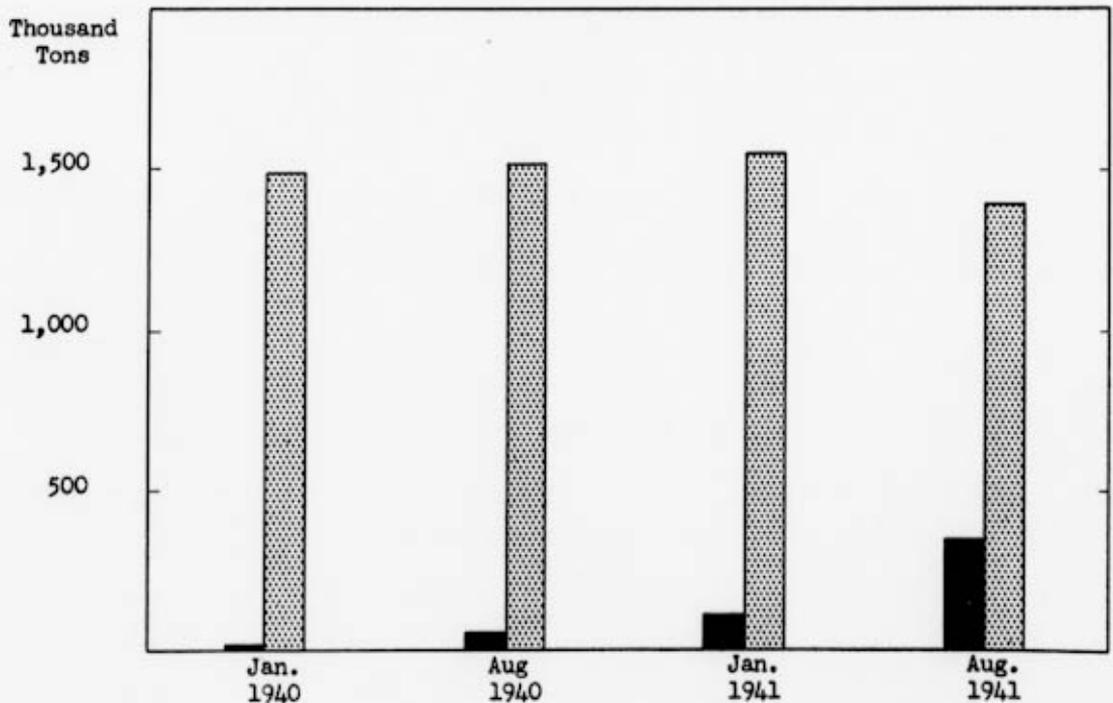
United States requirements for manganese are filled by importation of ore from the U.S.S.R., British India, Union of South Africa, Gold Coast, and Brazil. We produce only 3 percent of U.S. consumption.

-Long Tons-

	<u>General Imports</u>	<u>Consumption</u>	<u>Total Stocks</u>
1939	627,000	656,000	1,065,000 Dec. 31
1940	1,294,000	1,026,000	1,660,000 Dec. 31
1941 (8 months)	757,000	627,000	1,740,000 Aug. 31

Recently the stockpile appears to have grown at the expense of, or during the decline of, other domestic stocks.

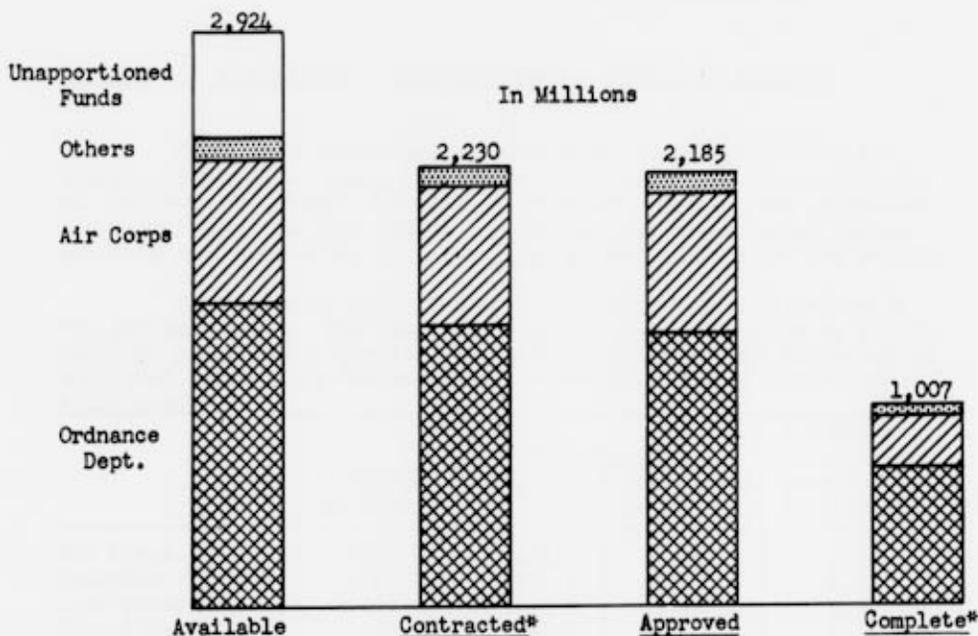
United States Stocks of Manganese Ore



Black Bar - U.S. Government Stockpile. Light Bar - Other U.S. Stocks.

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION

Source of Information: Construction Division Report, October 8, 1941



	Available	Contracted*	Approved	Complete*
<u>Ordinance</u>	\$ 1,544,574,153	1,434,905,848	1,378,232,932	690,566,808
<u>Air Corps</u>	726,816,701	702,661,443	710,938,088	272,695,032
<u>Others</u>				
C.W. Service	68,799,381	65,088,130	65,163,232	29,047,763
Q.M. Corps	41,778,577	18,663,818	19,015,069	12,306,833
Corps of Eng.	6,270,000	5,970,406	6,270,000	790,850
Signal Corps	2,920,399	881,376	2,920,399	88,110
Bureau of Mines	2,000,000	2,000,000	2,000,000	2,000,000
<u>Unapportioned</u>				
War Department	455,579,644			
Defense Aid	74,883,763			
Total	\$ 2,923,622,618	2,230,171,021	2,184,539,720	1,007,495,396

* Estimated

DEFENSE AID IN MILLIONS - WAR DEPARTMENT - SEPTEMBER 30, 1941

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

Of the latter amount, \$3,802,399,118 has been allocated to the War Department. The table below shows the distribution to War Department procurement agencies, the amounts obligated and delivered by each such agency, and the amount delivered under the \$1,300,000,000 authorization.

	7 Billion Appropriation			1.3 Billion Authorization
	Allocated (millions)	Obligated (millions)	Transferred (millions)	Transferred (millions)
Air Corps	1909	1444.4	3.3	2.4
Ordnance	1544	946.1	13.6	56.1
Quartermaster	191	104.7	13.3	4.3
Signal Corps	68	42.2	1.2	0.1
Engineers	47	15.4	0.4	1.0
Chemical Warfare	25	6.4	--	2.0
Medical Dept.	6	0.1	--	--
Undistributable	12	0.4	--	--
Total	3802	2559.7	31.8	65.9

Total transfers to date amount to \$97,727,253. This figure does not include the value of articles, delivered by domestic manufacturers to the Supply Arms and Services, which are being held pending receipt of shipping instructions from the requisitioning country.

TEXT SUMMARY - ORDNANCE DEPARTMENT - OCTOBER 18, 1941

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

GENERAL

During the month of September the number of equipment items ahead of schedule increased at the same time that the number on schedule decreased. The decline in the number of items not scheduled and not due continued from previous months. The changes in the progress of deliveries of ordnance equipment items are shown in the diagram on the following page.

ACCEPTED DELIVERIES IN SEPTEMBER

September acceptances of important ordnance items show further irregular increases in volume over deliveries reported for preceding months of 1941 - as indicated below:

	Deliveries			
	Sept.	Aug.	Jan.	% Gain Jan. to Sept.
Machine gun, cal.30, A.C.	625	984	387	87
Machine gun, cal.50, A.C.	6,330	4,912	130	-
Tank, light	309	281	2	-
Tank, medium, M3	193	80	0	-
M2A1	0	10	6	-
Gun, 3" A.A.	2	9	0	-
Gun, 90mm A.A.	32	10	0	-
Gun, 37mm A.A.	13	6	26	-50
Howitzer, 75mm	65	33	15	333
Howitzer, 105mm	8	0	0	-
Gun, 155mm	0	0	0	-
Rifle, cal.30, M1	26,970	30,760	14,503	86
Machine gun, cal.30 (Var.)	4,659	4,301	3,454	35
Machine gun, cal.50 (H.B.)	877	236	0	-
Gun, 37mm, antitank	251	120	24	880
Mortar, 60mm	402	162	125	222
Mortar, 81mm	214	426	63	224
Cartridge, cal.30 (Thous.)	65,134	56,374	30,986	110
Cartridge, cal.50 (Thous.)	6,391	5,292	3,495	83

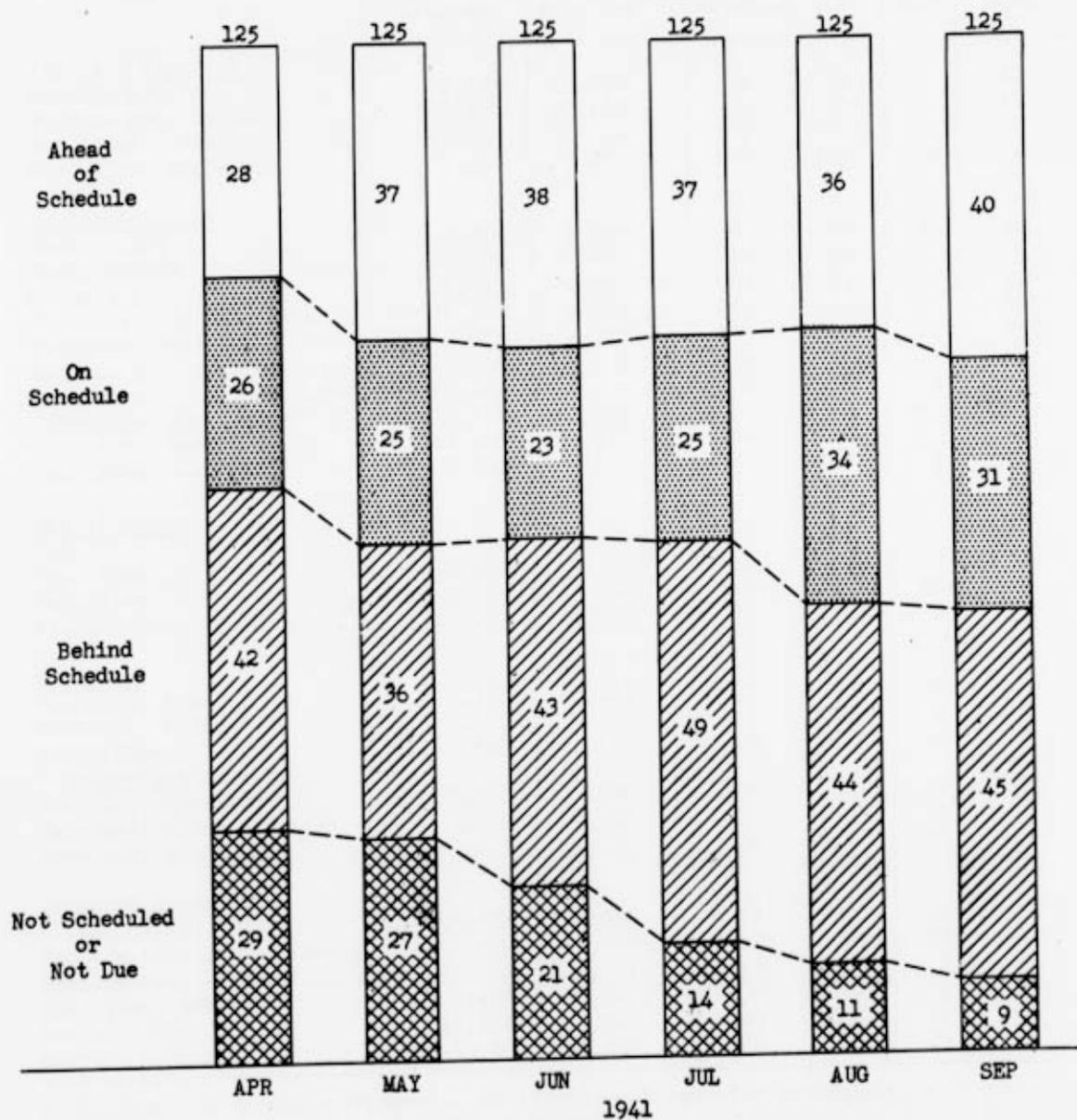
INCENDIARY CARTRIDGES

Incendiary cartridges, caliber .30, M1 and caliber .50, M1, have been standardized. These new types of small arms ammunition have been authorized to replace all procurement of the ball type for Air Corps.

PROGRESS OF ORDNANCE DELIVERIES - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department

Equipment - Critical Items



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

Source of Information: Industrial Service, Ordnance Department

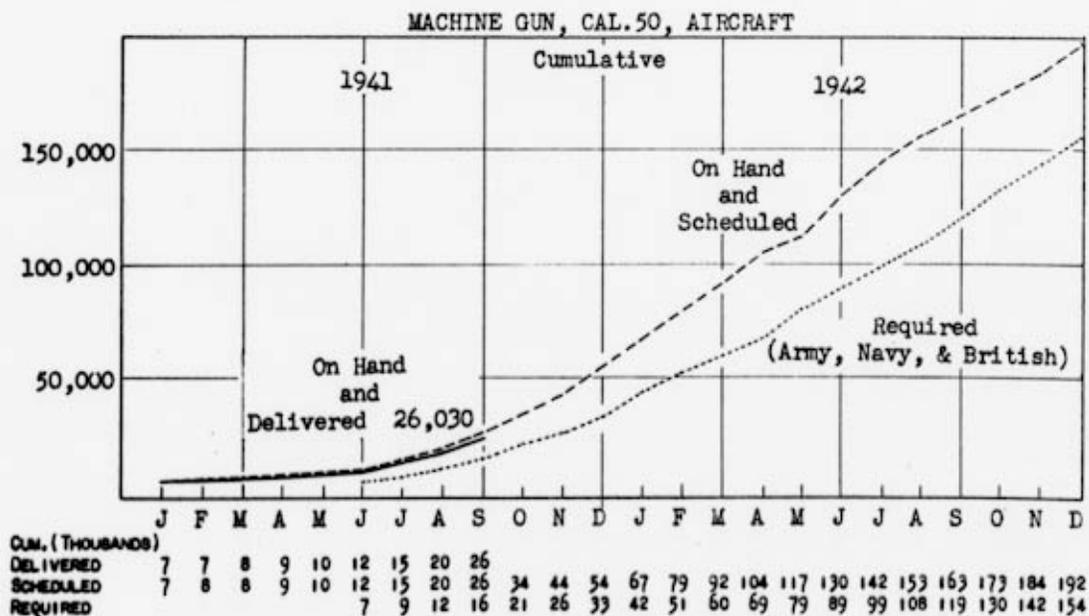
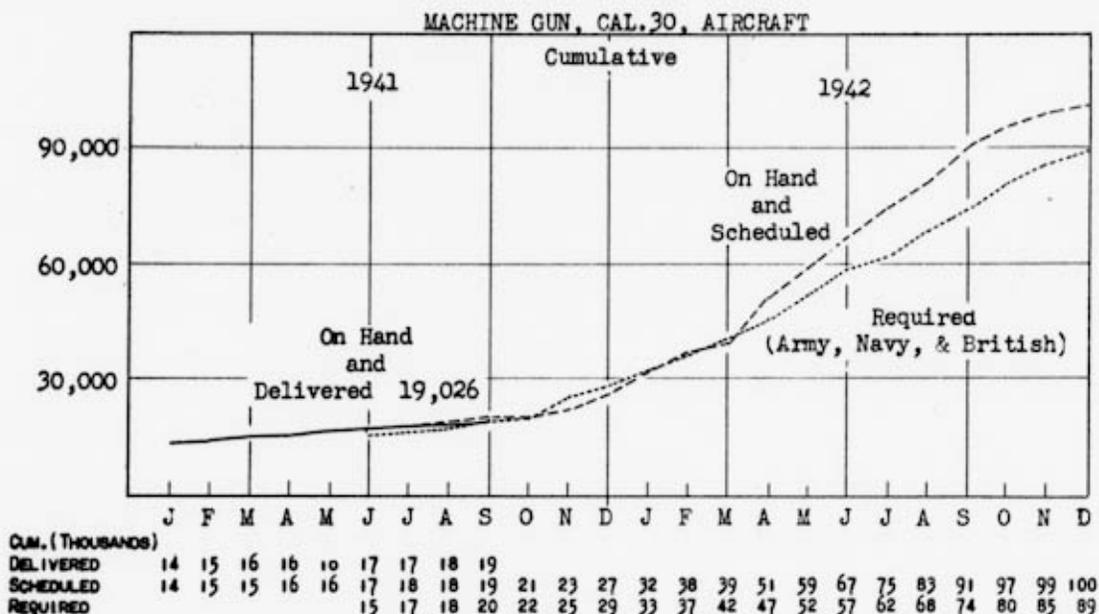
Item	Total procurement program	Deliveries thru Sep 30	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	91,178	8,856	99	99	10	10
Machine gun, cal.50	208,590	22,167	99	99	11	11
Gun, 20mm automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	130	100	100	4	4
<u>Combat Vehicles</u>						
Tank, light	5,919	1,802	80	80	33	30
Tank, medium	12,491	403	64	54	3	3
Scout car	3,440	2,633	83	83	79	77
Personnel carrier, 8-man	5,792	1,982	100	100	29	34
Personnel carrier, 13-man	5,521	727	100	100	17	13
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	105,758	89	89	40	38
Gun, 37mm, tank	14,016	2,977	100	99	20	21
Gun, 75mm, tank	9,764	151	54	54	2	2
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	2,284	50	56	56	2	2
Gun, 37mm	3,195	481	100	100	16	15
Machine gun, cal.50 (W.C.)	25,063	1,851	76	76	8	7
<u>Artillery</u>						
Howitzer, 75mm	1,318	221	73	73	14	17
Howitzer, 105mm	4,297	69	96	81	2	2
Gun, 155mm	493	18	100	100	6	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	755	100	71	50	57
Carriage, 155mm howitzer	1,580	1,106	91	91	71	70
Carriage, 155mm gun	853	166	100	100	24	19
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	284,086	71	71	21	22
Machine gun, cal.30 (Var.)	159,979b	46,725b	82b	64b	30b	29b
Machine gun, cal.50 (H.B.)	31,699b	2,301b	94b	94b	8b	7b
Gun, 37mm, antitank	9,478	947	100	99	8	10
Mortar, 60mm	11,162	5,342	100	100	49	48
Mortar, 81mm	5,705	1,455	78	78	25	26

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

DELIVERIES AND SCHEDULES - AIRCRAFT MACHINE GUNS - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department, and OUSW



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

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

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	33,946	11,288	33							
Machine gun, cal.50,fix.&fl.	60,531	14,936	25							
Gun, 20mm, automatic A.C.	1,413	0	0							
Gun, 37mm, automatic A.C.	2,021	79	4							
<u>Combat Vehicles</u>										
Tank, light	2,389	862b	36							
Tank, medium	1,046	139c	13							
Scout car	2,083	2,464d	118							
Personnel carrier, 8-man	3,413	1,623	48							
Personnel carrier, 13-man	4,517	396	9							
Machine gun, cal.30 (Var.)	30,674a	a	-							
Machine gun, cal.50 (H.B.)	5,734a	a	-							
Submachine gun, cal.45	26,705	21,224	79							
Gun, 37mm, tank	3,427	912	27							
Gun, 75mm, tank	1,020	60	6							
<u>Antiaircraft</u>										
Gun, 3" }	1,177	556	51							
Gun, 90mm }		48								
Gun, 37mm, A.A.	2,552	469	18							
Machine gun, cal.50 (W.C.)	17,065	1,184	7							
<u>Artillery</u>										
Gun, 75mm (H.S.)	836	794	95							
Howitzer, 75mm, field & pack	177	212	120							
Howitzer, 105mm	2,457	66	3							
Gun, 155mm	95	17	18							
Gun, 155mm (H.S.)	587	164	28							
Howitzer, 155mm (H.S.)	739	1,168	158							
<u>Unmodified & other models</u>										
Gun, 75mm	-	2,565	-							
Gun, 155mm	-	801	-							
Howitzer, 155mm	-	753	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	838,601	285,438	34							
Machine gun, cal.30 (Var.)	49,737	45,249	91							
Machine gun, cal.50 (H.B.)	14,737	2,985	20							
Gun, 37mm, antitank	4,892	1,167	24							
Mortar, 60mm	4,747	4,251	90							
Mortar, 81mm	2,340	1,768	76							

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

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

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

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,269	11,288	25					
Machine gun, cal.50,fix.&fl.	132,534	14,936	11					
Gun, 20mm, automatic A.C.	4,253	0	0					
Gun, 37mm, automatic A.C.	2,883	79	3					
<u>Combat Vehicles</u>								
Tank, light	4,946	862b	17					
Tank, medium	2,827	139c	5					
Scout car	4,299	2,464d	57					
Personnel carrier, 8-man	7,896	1,623	21					
Personnel carrier, 13-man	8,647	396	5					
Machine gun, cal.30 (Var.)	69,409a	a	-					
Machine gun, cal.50 (H.B.)	13,398a	a	-					
Submachine gun, cal.45	56,233	21,224	38					
Gun, 37mm, tank	7,878	912	12					
Gun, 75mm, tank	2,797	60	2					
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,856	556 } 48 }	33					
Gun, 37mm, A.A.	3,055	469	15					
Machine gun, cal.50 (W.C.)	22,966	1,184	5					
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,778	794	45					
Howitzer, 75mm, field & pack	254	212	83					
Howitzer, 105mm	3,733	66	2					
Gun, 155mm	283	17	6					
Gun, 155mm (H.S.)	969	164	17					
Howitzer, 155mm (H.S.)	1,037	1,168	113					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,565	-					
Gun, 155mm	-	801	-					
Howitzer, 155mm	-	753	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,539,512	285,438	19					
Machine gun, cal.30 (Var.)	107,943	45,249	42					
Machine gun, cal.50 (H.B.)	32,146	2,985	9					
Gun, 37mm, antitank	9,523	1,167	12					
Mortar, 60mm	7,927	4,251	54					
Mortar, 81mm	4,566	1,768	39					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 105, (d) 153.

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

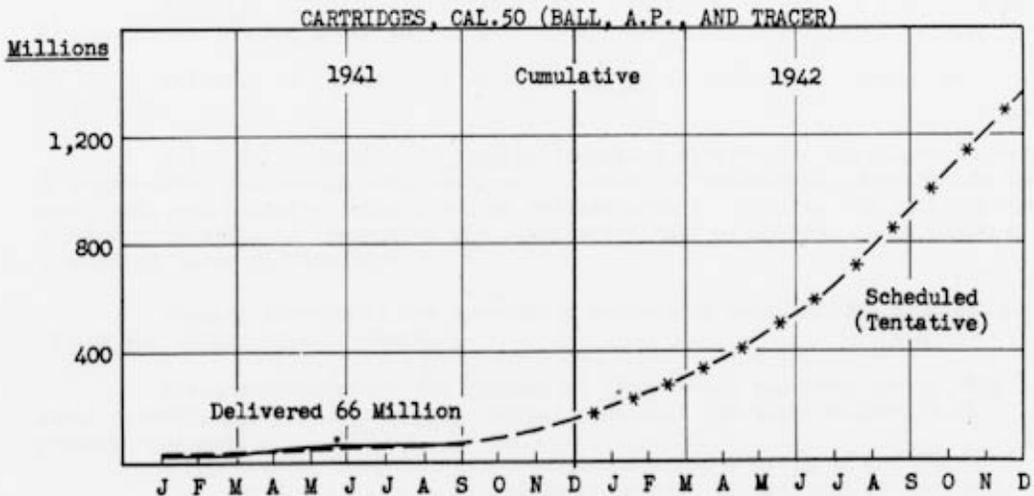
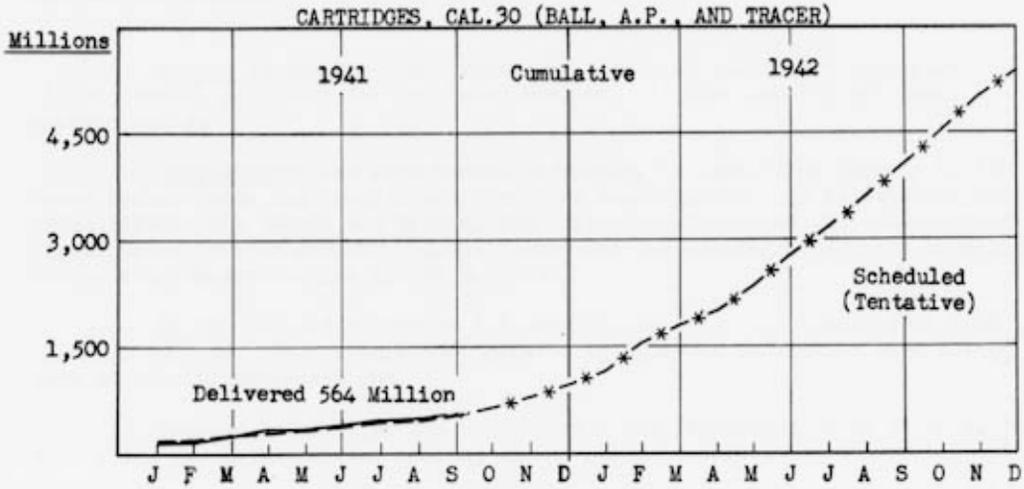
Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Sep 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Sep 30	Deliv-ered
<u>Aircraft & Pyrotechnics</u>						
Bomb, frag., 20#	2,017	177	85	100	10	9
Bomb, demo., 100#, 300#, 500#	1,687	135	55	58	10	8
Bomb, demo., 1000#	110	2	13	13	0	2
Bomb, chem., 30#, 100#	598	122	59	83	35	20
Cartridge, 20mm	110,882	1,583	11	4	2	1
Shell, H.E., 37mm	2,098	122	87	90	18	6
Flares	894	208	41	41	27	23
Signals	2,206	702	93	93	37	32
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	507	72	31	3	3
Shell, 3", H.E.	2,243	67	89	100	4	3
Shell, 90mm, H.E.	3,055	5	58	78	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	60	65	4	4
Shell, g & s, 75mm gun	1,108	17	97	99	1	2
Shot, A.P., 75mm gun	8,388	0	19	10	0	0
Shell, H.E., 75mm how.	4,279	251	99	100	6	6
Shell, H.E., 105mm how.	19,710	62	37	25	-	-
Shell, H.E., 155mm gun	1,358	0	72	57	0	0
Charge, prop., 155mm gun	2,248	231	48	49	13	10
Shell, H.E., 155mm how.	4,360	5	72	99	1	-
Shell, g & s, 155mm how.	1,370	324	65	90	26	24
Charge, prop., 155mm how.	6,547	843	70	86	11	13
Primer, 21 gr.	11,140	99	76	73	1	1
Fuzes (all)	13,699	3,082	80	81	23	22
<u>Infantry</u>						
Cartridge, cal.30 *	8,505,193	564,330	78	78	7	7
Links, met. belt, cal.30 *	1,259,225	113,148	79	79	9	9
Cartridge, cal.45 *	830,395	198,615	75	75	24	24
Cartridge, cal.50 *	2,952,271	65,673	61	61	2	2
Links, met. belt, cal.50 *	3,068,633	82,744	80	80	4	3
Shot & shell, 37mm	39,846	187	49	18	-	-
Shell, H.E., 60mm	11,310	39	53	42	-	-
Shell, H.E., 81mm	4,116	116	89	92	3	3
Shell, smoke, 81mm	456	0	87	94	0	0
Grenade, H.E., frag.	2,082	376	75	81	15	18
Signals, ground & light	4,179	667	77	81	28	16
Mine, antitank	3,146	0	65	65	0	0

* As of September 30.

DELIVERIES AND SCHEDULES - CARTRIDGES, CAL.30 AND CAL.50 - SEPTEMBER 30, 1941

Source of Information: Industrial Service, Ordnance Department



TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

Boeing is experiencing trouble in obtaining sufficient automatic flight control equipment for its heavy bombers. It also reports shortage of machine tools.

Consolidated has experienced difficulty in installing turrets in its heavy bombers with the result that some have been damaged. It is awaiting representatives from Bendix and Martin, the turret manufacturers, to make repairs. Consolidated is also reworking tools to correct the misalignment which developed in the wing center section of its B-24D's.

Martin has had to revise its schedule to allow for change from B-26 to B-26A production. This change and transfer to expanded facilities have slowed down manufacturing operations.

Douglas is awaiting the arrival of a new carburetor which it is hoped will solve the faulty engine cooling in its light bombers.

Lockheed is starting production on a new model, the P-38D. It is, accordingly, meeting the numerous problems attendant when manufacturing operations start on a new design. It does not expect to meet its original October estimate.

Delivery of Bell P-39D's is dependent upon receipt of propellers.

Republic pursuits are retarded by rough propeller-engine combinations. It also lacks landing gears and hydraulic equipment.

Delivery of observation units by Vultee is limited by receipt of propellers.

Delay in production of Curtiss (Buffalo) observation airplanes is caused by engineering and design modifications, transfer of production personnel to the new plant, and priority being given to British orders. Curtiss has failed to establish production of transports and advance trainers at its St. Louis plant on account of labor difficulties.

Douglas transports are overdue on account of delay in the completion of new facilities at Long Beach.

The inexperience of the workmen at Ryan, which expanded from a very small company, appears to be the principal cause for its slow deliveries of primary trainers.

Beech anticipates more favorable production of trainers in October. It still needs, however, key mechanics, items of government furnished equipment, and valves from the Parker Appliance Company.

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

Source of Information: Consolidated Statistical Report - Air Corps

Item	Program			Under contract		Delivered 10/8/41 (c)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	% of pro- gram		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,826	98	96	-	76
Medium bomber	4,616	1,200	5,816	4,616	79	330	-	1,200
Light bomber	1,882	150	2,032	1,382	68	222	500	150
Pursuit, fighter	709	1,150	1,859	859	46	90	-	1,000
Pursuit, interceptor	4,394	4,700	9,094	6,194	68	1,267	-	2,900
Observation	533	-	533	533	100	262	-	-
Transport	1,118	230	1,348	1,348	100	85	-	-
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,087	25,676	19,850	77	2,367	500	5,326
Primary trainer	5,490	450	5,940	5,940	100	2,598	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,731	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	780	-	-
Adv. trainer, 2-eng.	2,632	1,150	3,782	3,532	93	137	-	250
Total Trainer	16,470	3,060	19,530	19,280	99	5,246	-	250
Grand Total	32,059	13,147	45,206	39,130	87	7,613	500	5,576
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	13,934	71	2,226	1,520	4,154
Medium bomber	9,232	3,200	12,432	7,975	64	1,004	1,257	3,200
Light bomber	3,576	150	3,726	2,576	69	1,150	1,000	150
Pursuit, fighter	1,418	2,300	3,718	1,392	37	719	26	2,300
Pursuit, interceptor	4,394	4,700	9,094	5,245	58	1,590	-	3,849
Observation	533	-	533	533	100	502	-	-
Transport	2,358	460	2,818	2,136	76	431	462	220
Amphibian	148	2	150	150	100	41	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,677	21,436	52,113	33,975	65	7,697	4,265	13,873
Primary trainer	5,490	450	5,940	5,940	100	2,877	-	-
Basic trainer	5,051	1,100	6,151	5,051	82	2,072	-	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	3,297	90	2,297	-	360
Adv. trainer, 2-eng.	5,264	2,300	7,564	6,164	81	1,544	-	1,400
Total Trainer	19,102	4,210	23,312	20,452	88	8,790	-	2,860
Grand Total	49,779	25,646	75,425	54,427	72	16,487	4,265	16,733

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.
- (c) Engine deliveries reflect new production, assignments from stock pools, and assignments between installation and spare category.

PROJECT AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - SEPTEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

ITEM	MANUFACTURER	PLANE MODEL	UNDER CONTRACT	DUE 9/30	DEL. 9/30	UNITS AHEAD & BEHIND		PERCENT AHEAD & BEHIND	
						SEP ONLY	CUM. 9/30	SEP ONLY	CUM. 9/30
HEAVY BOMBER	BOEING	B-17E	512	152	5	-35	-147	-88	-96
	CONSOLIDATED	B-24C	9	9	0	*	-9	*	-100
	CONSOLIDATED	B-24D	6	6	0	*	-6	*	-100
	CONSOLIDATED	B-24D	56	9	0	*	-9	*	-100
	CONSOLIDATED	B-24D	20	20	0	-1	-20	-100	-100
MEDIUM BOMBER	NO. AMERICAN	B-25B	120	50	25	-24	-25	-100	-50
	NO. AMERICAN	B-25C	863	55	0	-55	-55	-100	-100
	MARTIN	B-26	201	201	198	*	-3	*	-2
	MARTIN	B-26A	139	113	0	-55	-113	-100	-100
LIGHT BOMBER	DOUGLAS	A-20	60	60	0	*	-60	*	-100
	DOUGLAS	A-20B	991	100	0	-80	-100	-100	-100
	DOUGLAS	A-24	78	78	69	-4	-9	-100	-12
PURSUIT FIGHTER	LOCKHEED	P-38D	36	36	35	*	-1	*	-3
	LOCKHEED	P-38E	607	220	0	-70	-220	-100	-100
	LOCKHEED	XP-38A	1	1	0	*	-1	*	-100
PURSUIT INTER.	BELL	P-39D	623	308	161	*	-147	*	-48
	CURTISS	P-40E	519	12	0	-10	-12	-100	-100
	CURTISS	P-40E	301	103	251	+16	+148	+46	+143
	CURTISS	XP-40F	1	1	0	*	-1	*	-100
	REPUBLIC	P-43A	80	80	13	*	-67	*	-84
	REPUBLIC	P-47B	773	100	0	-41	-100	-100	-100
OBSERVATION	VULTEE	O-49	142	142	131	*	-11	*	-8
	VULTEE	O-49A	182	16	0	-16	-16	-100	-100
	CURTISS	O-52	203	203	119	*	-84	*	-41
TRANSPORT	DOUGLAS	C-47	545	93	0	-57	-93	-100	-100
	DOUGLAS	C-49D	5	5	4	0	-1	0	-20
	LOCKHEED	C-57	10	7	10	+3	+3	+75	+43
RECONNAISSANCE	DOUGLAS	F-3	3	3	0	*	-3	*	-100
PRIMARY TRAINER	BOEING	PT-17	1,144	513	810	+93	+297	+95	+58
	FAIRCHILD	PT-19A	672	489	503	-3	+14	-1	+3
	RYAN	PT-22	573	573	36	-95	-537	-75	-94
BASIC TRAINER	VULTEE	(BT-13A) (BT-15)	2,500	1,007	1,120	+22	+113	+11	+11
ADV. TR., 1-ENG.	NO. AMERICAN	AT-6A	1,330	161	198	-8	+37	-14	+23
ADV. TR., 2-ENG.	BEECH	AT-7	120	56	24	-8	-32	-25	-57
	CURTISS	AT-9	150	150	2	*	-148	*	-98
	CURTISS	AT-9	341	215	0	-90	-215	-100	-100
	BEECH	AT-10	150	115	0	-81	-115	-70	-100
	BEECH	AT-10	191	191	0	-31	-191	-100	-100
	BEECH	AT-11	150	150	1	-1	-149	-50	-99

*SCHEDULE EXPIRED

PROJECT AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULES - SEPTEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

TYPE	MANUFACTURER	PLANE MODEL	SEPTEMBER DELIVERIES		CUMULATIVE DELIVERIES	
			% BEHIND 100 0	% AHEAD 100	% BEHIND 100 0	% AHEAD 100
HEAVY BOMBER	BOEING	B-17E	—	—	—	—
	CONSOLIDATED	B-24C	SCHEDULE	EXPIRED	—	—
	CONSOLIDATED	B-24D	SCHEDULE	EXPIRED	—	—
	CONSOLIDATED	B-24D	SCHEDULE	EXPIRED	—	—
	CONSOLIDATED	B-24D	—	—	—	—
MEDIUM BOMBER	NORTH AMERICAN	B-25B	—	—	—	—
	NORTH AMERICAN	B-25C	—	—	—	—
	MARTIN	B-26	SCHEDULE	EXPIRED	—	—
	MARTIN	B-26A	—	—	—	—
LIGHT BOMBER	DOUGLAS	A-20	SCHEDULE	EXPIRED	—	—
	DOUGLAS	A-20B	—	—	—	—
	DOUGLAS	A-24	—	—	—	—
PURSUIT FIGHTER	LOCKHEED	P-38D	SCHEDULE	EXPIRED	—	—
	LOCKHEED	P-38E	—	—	—	—
	LOCKHEED	XP-38A	SCHEDULE	EXPIRED	—	—
PURSUIT INTERCEPTOR	BELL	P-39D	SCHEDULE	EXPIRED	—	—
	CURTISS	P-40E	—	—	—	143%
	CURTISS	P-40E	—	—	—	—
	CURTISS	XP-40F	SCHEDULE	EXPIRED	—	—
	REPUBLIC	P-43A	SCHEDULE	EXPIRED	—	—
OBSERVATION	VULTEE	O-49	SCHEDULE	EXPIRED	—	—
	VULTEE	O-49A	—	—	—	—
	CURTISS	O-52	SCHEDULE	EXPIRED	—	—
TRANSPORT	DOUGLAS	C-47	—	—	—	—
	DOUGLAS	C-49D	NONE	SCHEDULED	—	—
	LOCKHEED	C-57	—	—	—	—
RECONNAISSANCE	DOUGLAS	F-3	SCHEDULE	EXPIRED	—	—
PRIMARY TRAINER	BOEING	PT-17	—	—	—	—
	FAIRCHILD	PT-19A	—	—	—	—
	RYAN	PT-22	—	—	—	—
BASIC TRAINER	VULTEE	BT-13A & 15	—	—	—	—
ADV. TRAINER, 1-ENG.	NORTH AMERICAN	AT-6A	—	—	—	—
ADV. TRAINER, 2-ENG.	BEECH	AT-7	—	—	—	—
	CURTISS	AT-9	SCHEDULE	EXPIRED	—	—
	CURTISS	AT-9	—	—	—	—
	BEECH	AT-10	—	—	—	—
	BEECH	AT-10	—	—	—	—
	BEECH	AT-11	—	—	—	—

INSTALLATION ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - SEPTEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

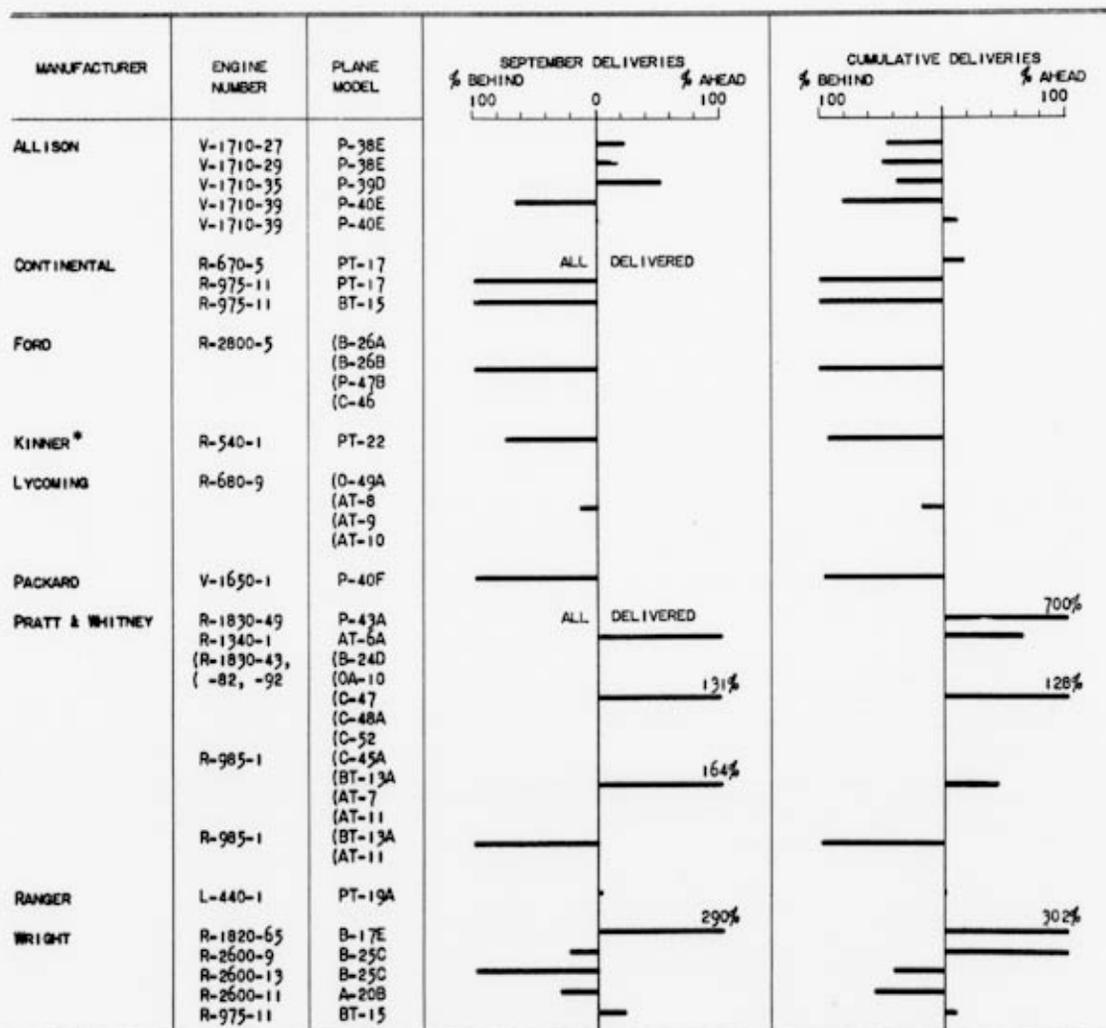
MANUFACTURER	ENGINE NUMBER	PLANE MODEL	UNDER CONTRACT	DUE 9/30	DEL. 9/30	UNITS AHEAD & BEHIND		PERCENT AHEAD & BEHIND	
						SEP ONLY	CUM. 9/30	SEP ONLY	CUM. 9/30
						ALLISON	V-1710-27 V-1710-29 V-1710-35 V-1710-39 V-1710-39	P-38E P-38E P-39D P-40E P-40E	607 607 623 519 299
CONTINENTAL	R-670-5 R-975-11 R-975-11	PT-17 PT-17 BT-15	1,144 1,050 485	1,000 120 485	1,144 0 0	* -120 -15	4144 -120 -485	* -100 -100	414 -100 -100
FORD	R-2800-5	(B-26A (B-26B (P-47B (C-46	3,023	140	0	-80	-40	-100	-100
KINNER**	R-540-1	PT-22	573	573	36	-95	-537	-75	-94
LYCOMING	R-680-9	(O-49A (AT-8 (AT-9 (AT-10	1,912	1,379	1,148	-24	-231	-14	-17
PACKARD	V-1650-1	P-40F	1,000	128	3	-79	-125	-99	-98
PRATT & WHITNEY	R-1830-49 R-1540-1 (R-1830-43, (-82, -92 R-985-1 R-985-1	P-43A AT-6A (B-24D (OA-10 (C-47 (C-48A (C-52 (C-45A (BT-13A (AT-7 (AT-11 (BT-13A (AT-11	80 2,247 2,990 1,978 2,700	10 1,315 500 1,088 425	80 2,180 1,140 1,558 0	* 4212 4176 4296 -425	470 4865 4640 4470 -425	* 492 4131 4164 -100	4700 466 4128 443 -100
RANGER	L-440-1	PT-19A	672	489	503	-3	414	-1	43
WRIGHT	R-1820-65 R-2600-9 R-2600-13 R-2600-11 R-975-11	B-17E B-25C B-25C A-20B BT-15	2,048 221 505 1,982 751	255 71 30 1,537 367	1,025 140 17 675 398	4203 -14 -13 -62 412	4770 469 -13 -862 431	4290 -23 -100 -31 422	4302 497 -43 -56 48

*ALL DELIVERED

**DELAY DUE TO SLOW DELIVERY OF RYAN TRAINERS

INSTALLATION ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - SEPTEMBER 30, 1941

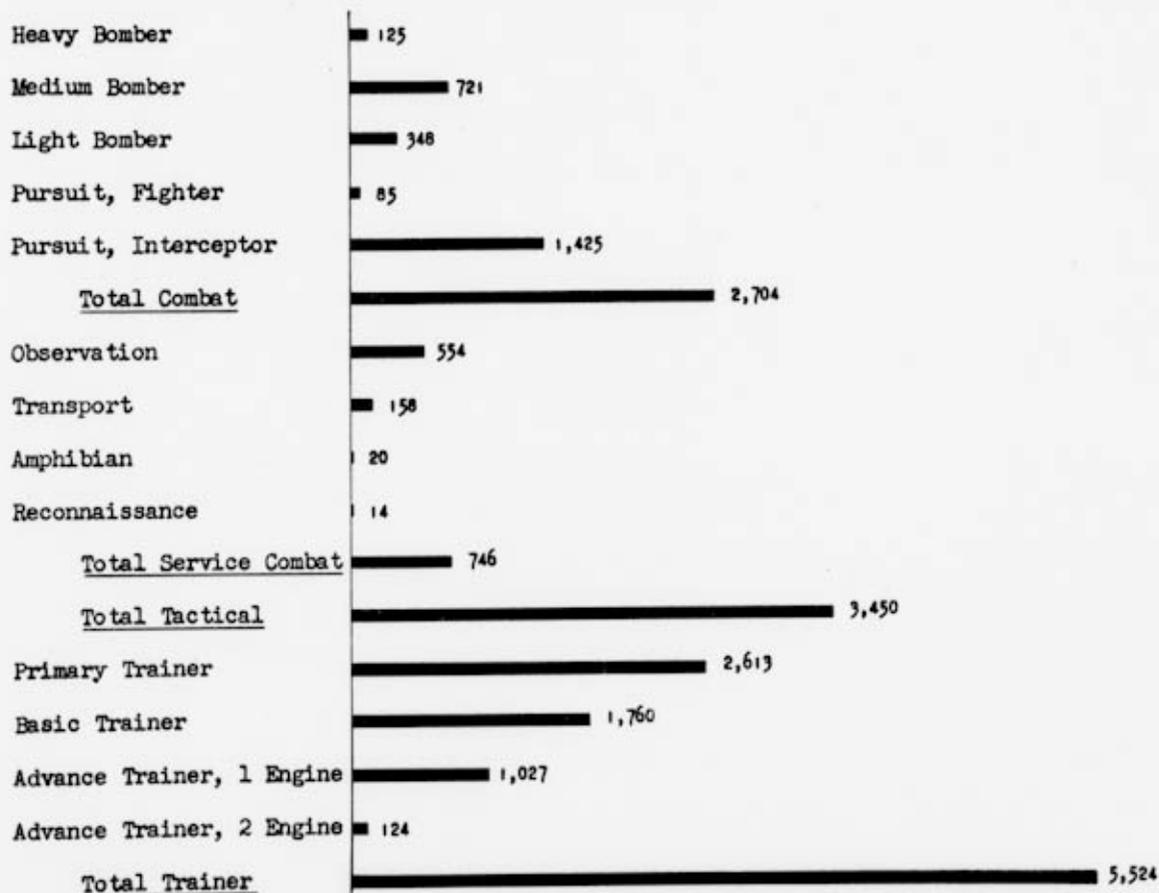
Source of Information: Consolidated Statistical Report - Air Corps



* DELAY DUE TO SLOW DELIVERY OF RYAN TRAINERS.

PROJECT AIRPLANE INVENTORY BY TYPE - SEPTEMBER 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

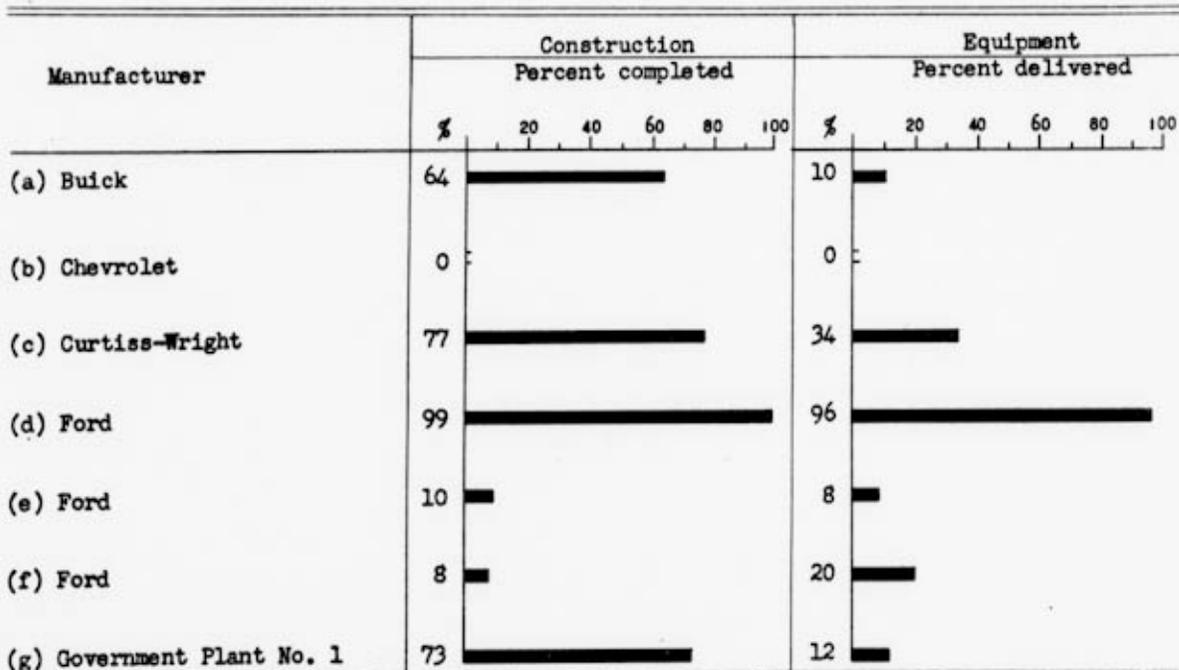


Grand Total on Hand: 8,974

There was a net gain of 814 project airplanes during the month of September which raised the on hand figure of 8,160, as of the end of August, to 8,974. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes.

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - SEPTEMBER 15, 1941

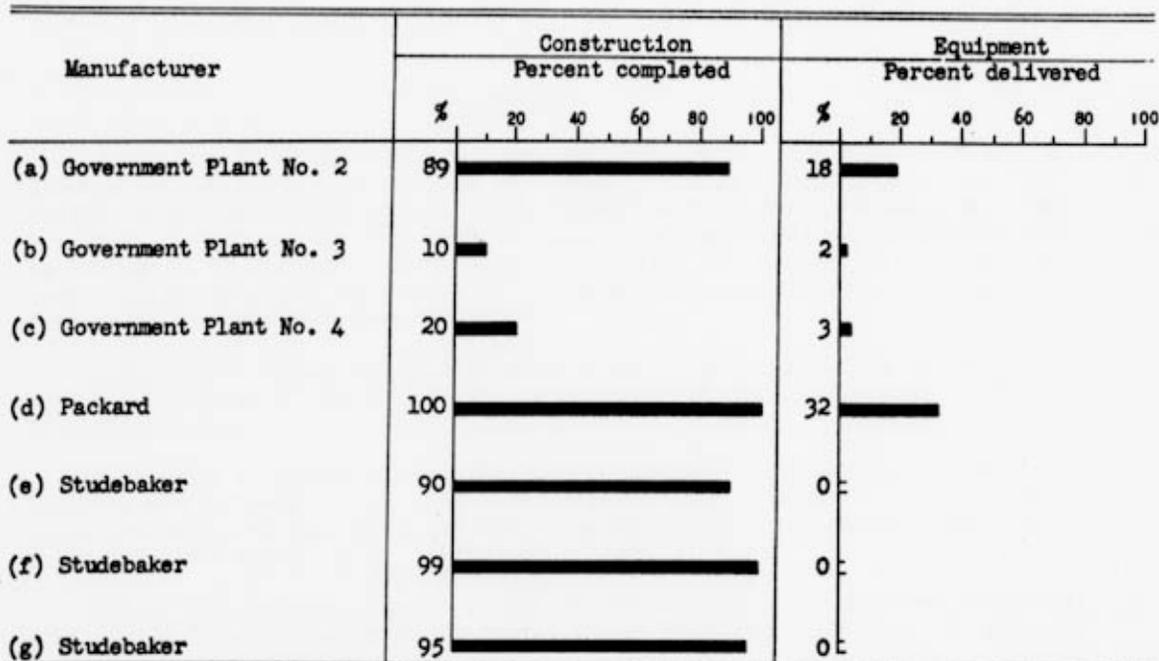
Source of Information: Facilities Section, Materiel Division - Air Corps



Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.Ft.	Workers		Plant	Equip.
(a) Melrose, Ill.	Engines	2,444	12	\$41,342	11-41	1-42
(b) Buff.-Tonawanda, N.Y.	Engines	1,681	14	37,162	?	?
(c) St. Louis, Mo.	Airplanes	1,163	11	15,145	1-42	4-42
(d) Dearborn, Mich.	Engines	1,034	9	23,923	9-41	10-41
(e) Dearborn, Mich.	Engines	402	17	13,911	1-42	6-42
(f) Ypsilanti, Mich.	Airplanes	3,882	45	47,620	2-42	1-42
(g) Omaha, Nebr.	Airplanes	1,400	17	15,644	10-41	10-41

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - SEPTEMBER 15, 1941

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



Plant location	Item to be produced	Planned expansion (thousands)		Estimated total cost (thousands)	Estimated completion dates	
		Sq.Ft.	Workers		Plant	Equip.
(a) Kansas City, Kan.	Airplanes	1,000	12	\$11,190	2-42	1-42
(b) Tulsa, Okla.	Airplanes	1,500	15	25,259	2-42	1-42
(c) Ft. Worth, Texas	Airplanes	1,500	15	22,653	12-41	?
(d) Detroit, Mich.	Engines	1,000	16	29,850	7-41*	2-42
(e) Chicago, Ill.	Engines	575	5	20,556	10-41	12-41
(f) Ft. Wayne, Ind.	Engines	225	1	9,023	9-41	12-41
(g) So. Bend, Ind.	Engines	897	4	20,207	10-41	1-42

* Actual completion date.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 16, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of September 30, complete delivery has been made on 65 of the 132 basic items being procured from 1941 funds. The 67 remaining items are completely contracted and an average of 84 percent of their total programs has been procured. Deficiency Appropriation programs have been completely contracted and an average of 67 percent of their combined programs has been delivered. Of the combined 1942 programs, an average of 50 percent has been contracted and an average of 3 percent has been delivered.

Contracts -- During the quarter-monthly period ended September 30, contracts were awarded on 24 of the 1942 items, representing 16 million units at a cost of 18 million dollars.

Deliveries -- During the quarter-monthly period ended September 30, deliveries were effected on 48 of 67 items procured from 1941 funds; on 34 of 36 items procured from Deficiency Appropriation funds; and on 34 of 116 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 284 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 81 are delinquent; of these, 24 are more than 10 percent delinquent.

MOTOR VEHICLES

Contracts -- As of October 8, contracts have been awarded for 278,606 vehicles obligating 389 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of a program of 224,206 vehicles has been contracted, and 76 percent delivered. Ninety-three percent (54,400) of the estimated 1942 program has been contracted of which 24 vehicles have been delivered.

Deliveries -- During the quarter-monthly period ended October 8, deliveries were reported on 3,232 vehicles. This brings cumulative deliveries under 1941 funds to 169,488 vehicles at a cost of 217 million dollars, and the delivery figure under 1942 funds to 24 vehicles at a cost of 194,888 dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 7,936 vehicles were behind schedule; 3,489 vehicles, however, were delivered ahead of schedule.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - October 16, 1941

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

CONSTRUCTION

Obligations -- As of September 30, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 1,689 million dollars or 72 percent of the estimated total cost. Ninety-three percent of the 1941 program and 23 percent of the 1942 program have been obligated.

Construction in Place -- Construction in place for combined 1941 and 1942 programs amounts to 1,419 million dollars or 61 percent of the currently estimated cost. Eighty-six percent of the total housing requirements is available and 72 percent has been occupied. Of the 567 projects currently authorized:

181 projects are 100% complete
51 " " from 95 to 99% complete
77 " " from 76 to 94% complete
73 " " from 51 to 75% complete
55 " " from 26 to 50% complete
101 " " from 1 to 25% complete
29 " " not started

Schedules & Delinquencies -- Of the 306 projects from 1 to 94 percent complete, 113 are ahead of schedule, 131 are on schedule and 62 are behind schedule. Value of construction in place, however, is 3 million dollars ahead of scheduled construction.

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

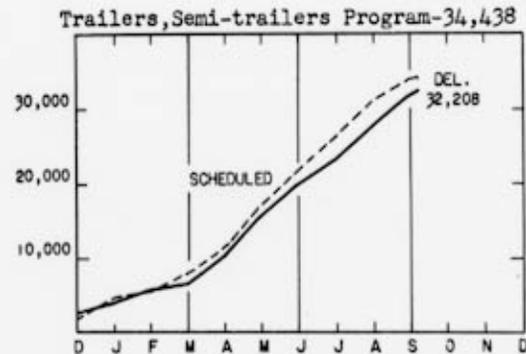
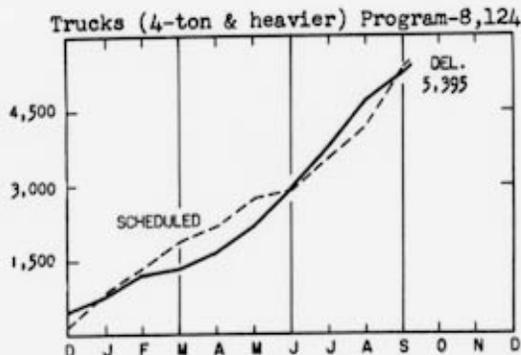
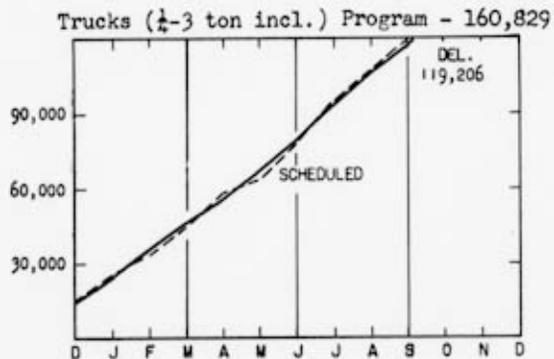
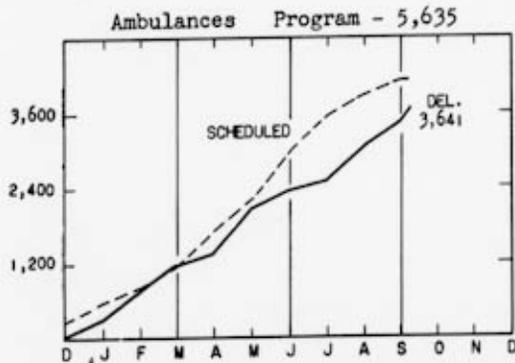
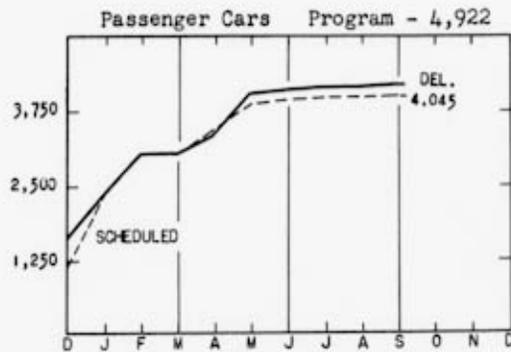
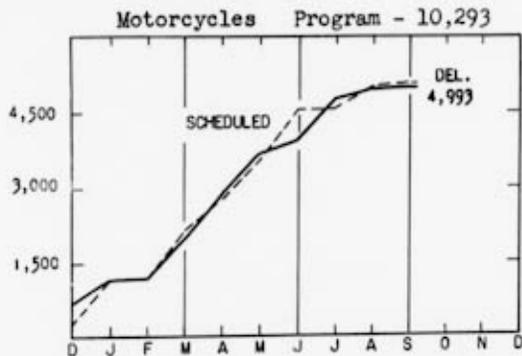
<u>Item affected</u>	<u>Man days</u>	<u>Contractor's Name & Address</u>
Truck tubing	32,000	Wolverine Tube Co., Detroit, Mich.
Truck frames*	19,600	Midland Steel Products, Cleveland, Ohio
Undershirts, cotton	7,000	Gardiner-Warring Co., Florence, Ala.
Boats (cabin cruisers)	4,620	Cris-Craft Corp., Algonac, Mich.
Sheet metal for trucks	1,125	York Corrugating Co., York, Pa.
Trailers**	920	All Steel Welded Truck Corp., Rockford, Ill.

*Willys-Overland production impaired. "Jeeps" seriously delayed.

**Trailers important to efficient maintenance of Consolidated Air Craft.

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

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



Quartermaster Corps

DIAGRAM - Q. M. C. CONSTRUCTION IN PLACE - September 30, 1941

Source of Information: Construction Division, Office of Quartermaster General

MILLION
DOLLARS

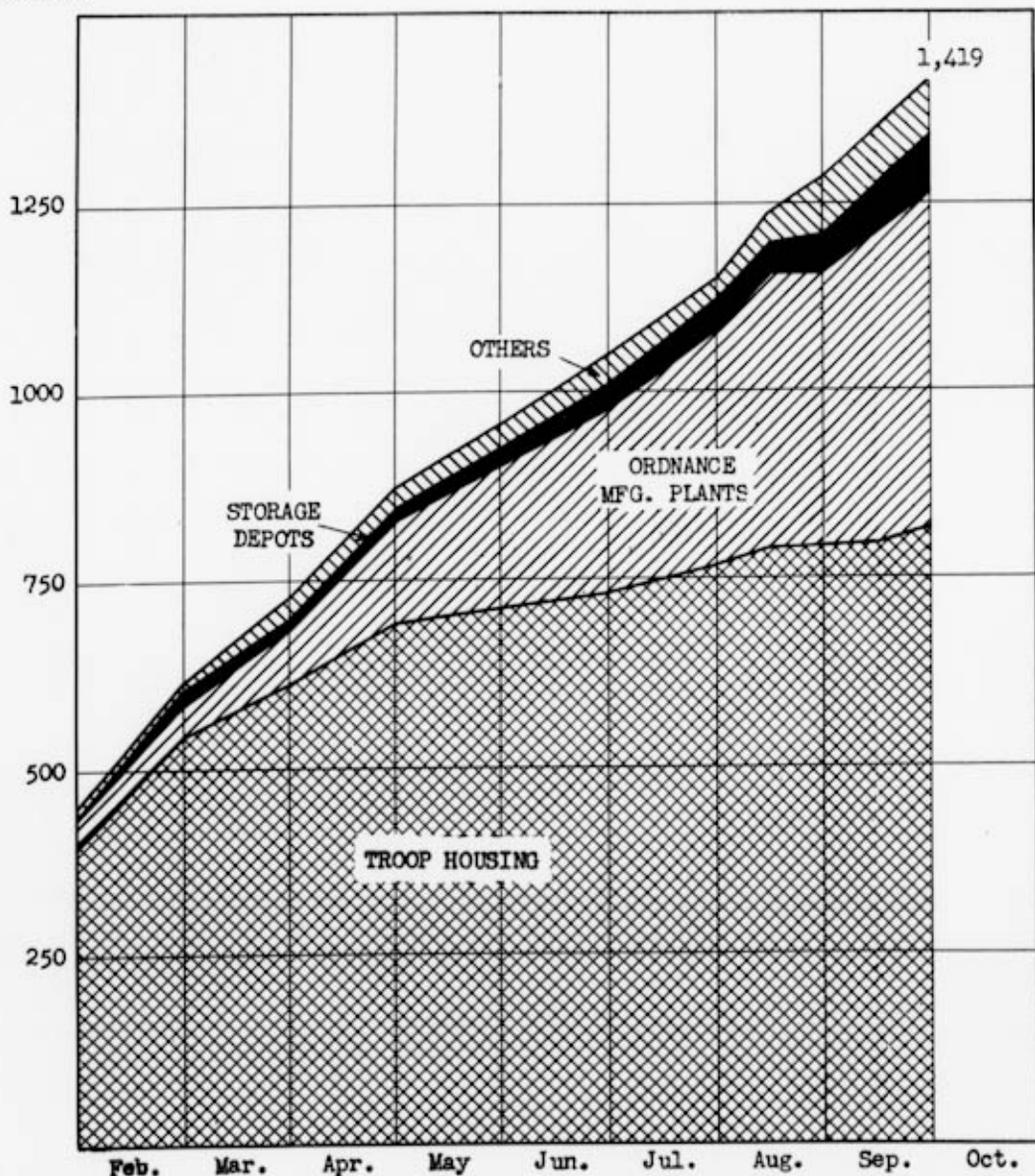
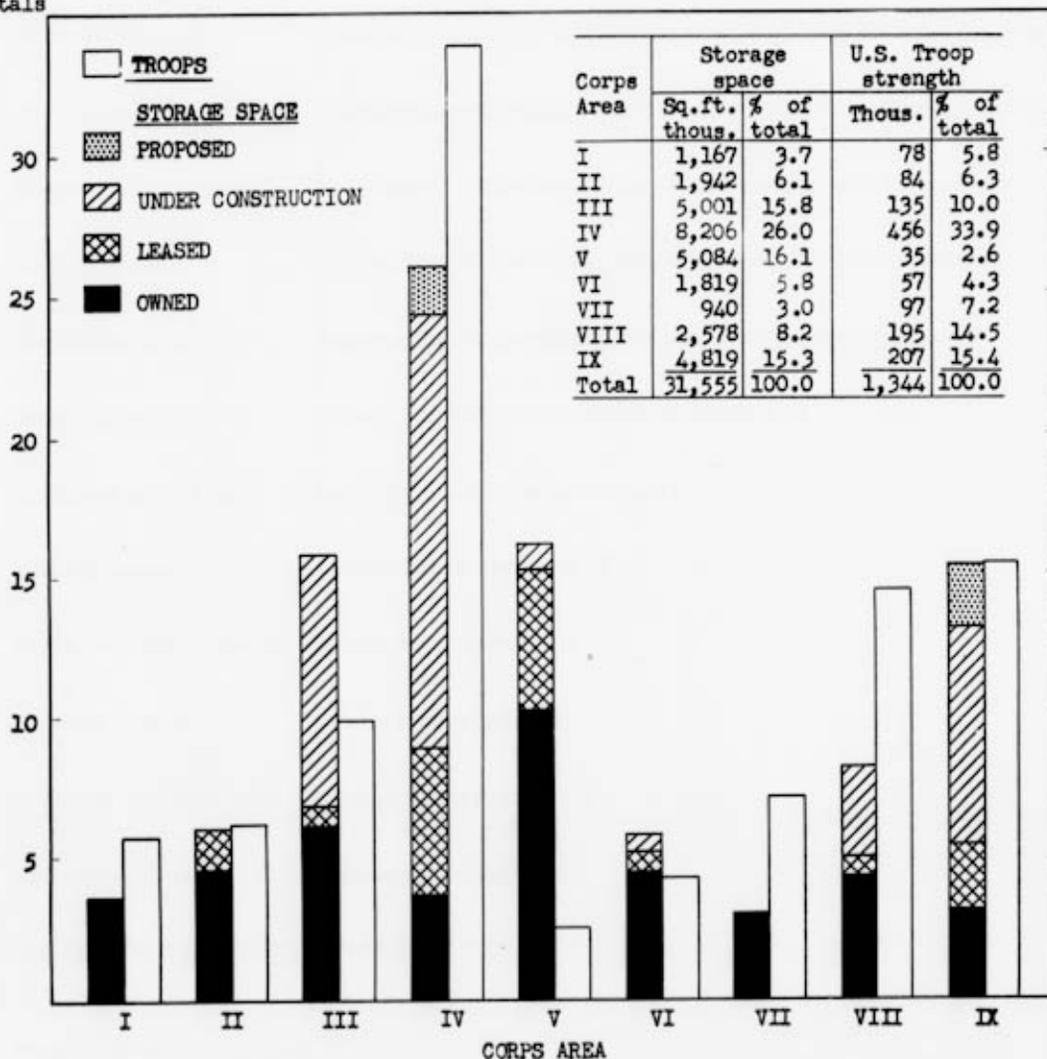


DIAGRAM - STATUS OF Q. M. C. COVERED STORAGE SPACE

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

Of total Q. M. C. Covered Storage Space, 44 percent is owned, 11 percent is leased, 41 percent is under construction, and 5 percent is proposed.

Percent
of totals

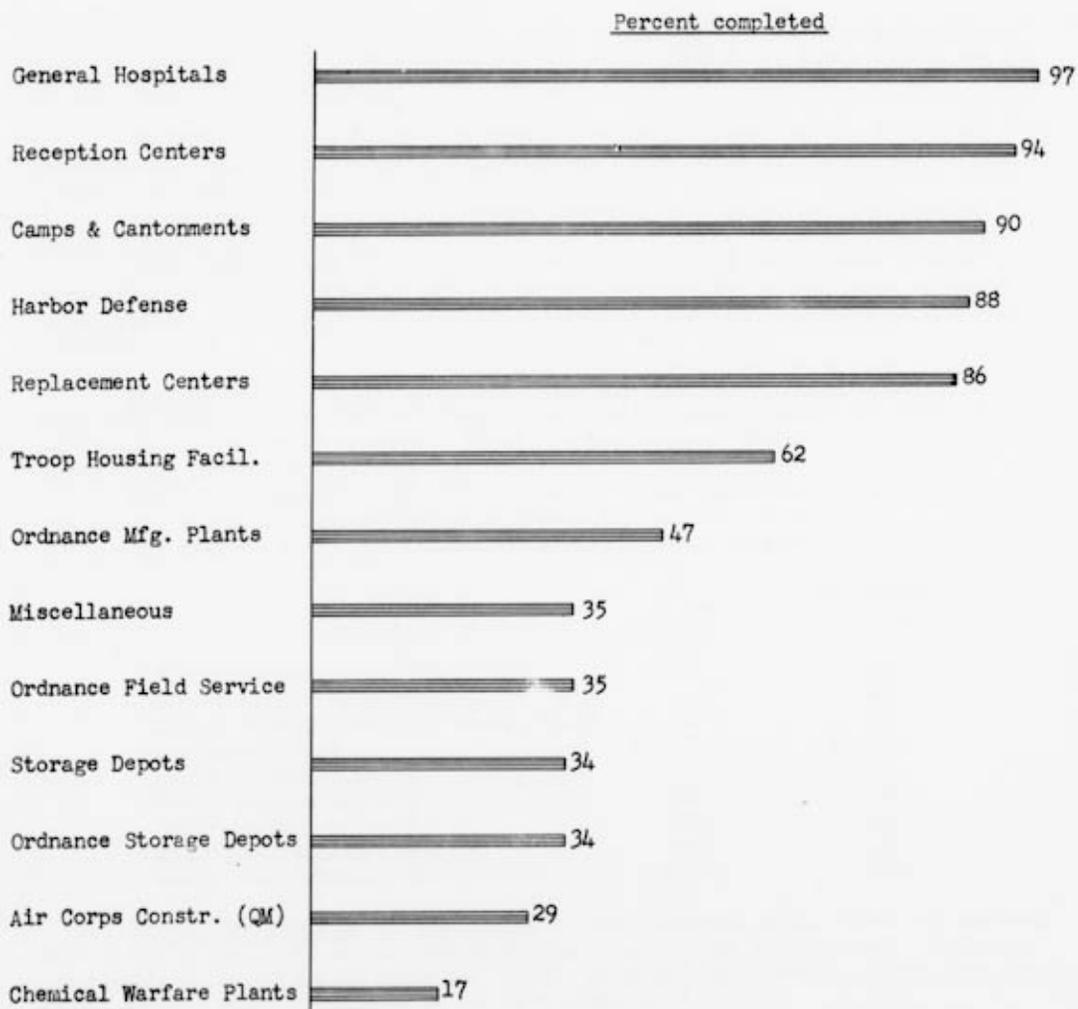


Quartermaster Corps

Statistics Branch
OUSW - 10-18-41

Q. M. C. CONSTRUCTION - PERCENTAGE OF COMPLETION* - September 30, 1941

Source: Statistics Branch, Office of the Quartermaster General



*Based on estimated cost

TEXT SUMMARY -- SIGNAL CORPS PROCUREMENT -- AIRCRAFT ITEMS -- OCTOBER 11, 1941

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

STATUS OF CONTRACTS -- Contracts have been awarded for all critical aircraft items on the F.Y. 1941 program.

The estimated cost of aircraft items on the Regular and First Supplemental F.Y. 1942 programs is \$320,329,000. Contract awards for \$106,571,000 or 33% of this equipment have already been placed.

DELIVERIES -- Deliveries of critical aircraft items on the F.Y. 1941 program now total \$12,897,000 or 14.4% of the total value of contracts for these items, i.e. \$89,842,000.

No deliveries are due on contract for equipment on either the Regular or First Supplemental F.Y. 1942 programs.

There are sixteen aircraft items on the F.Y. 1941 procurement program upon which deliveries are due, and deliveries were received last week on eight of these items. The procurement of five additional items on this program has been completed.

DELINQUENCIES -- Nine aircraft items are behind schedule. Deliveries were made last week on five of these items, i.e. Frequency meter set SCR-211, Marker Beacon receiving equipment RC-43, Radio compass SCR-269, Radio Compass SCR-280 and Radio set, command SCR-274.

Available quantities of all critical aircraft items are ample to meet the requirements of aircraft being delivered to the Air Corps.

The present status of delinquent aircraft items follows:

	Due Sept. 30	Delivered Oct. 11
Frequency meter set SCR-211	1,212	214
Marker beacon receiving equip. RC-39	613	600
Marker beacon receiving equip. RC-43	4,338	3,075
Microphone T-30	32,250	30,000
Radio compass SCR-263	700	506
Radio compass SCR-269	908	208
Radio compass SCR-280	250	198
Radio set, liaison, SCR-287	289	288
Radio set, command, SCR-274	1,050	920

LABOR DIFFICULTIES -- The strike at the Muskegon, Mich. plant of Anaconda Wire & Cable continues and no progress toward settlement is reported. This company holds prime contracts with the Signal Corps and Quartermaster Corps for copper wire and also has contracts with the Navy Department.

Isolantite, Inc. at Belleville, N.J. is still having labor difficulty and the situation is reported as stalemated; however, 350 out of 450 workers are reported at work. This company manufactures insulators for radio equipment and the supply of this item is vital to the manufacture of important radio equipment for the Signal Corps.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD & BEHIND SCHEDULES - OCTOBER 11, 1941

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

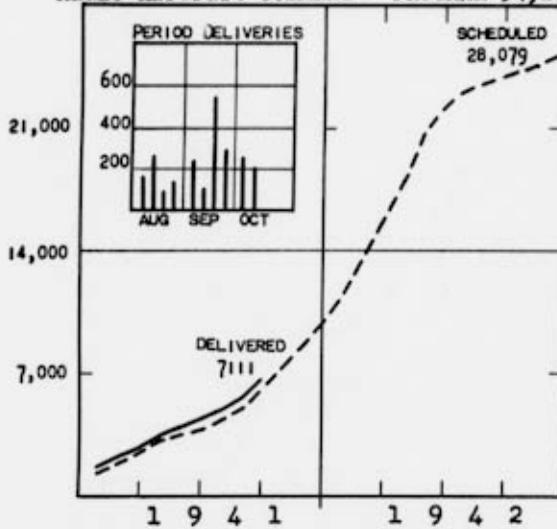
Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE		% AHEAD OF SCHEDULE					
			100	80	60	40	20	0	20	40
<u>AIRCRAFT COMMUNICATION:</u>										
Contactors BC-608						NONE DUE				
Filter equipment RC-32		4,105				33				
Frequency meter set SCR-211	998		82							
Headset HS-23						DELIVERED				
Interphone equipment		5,443				86				
Marker beacon receiving equipment	1,276			26						
Microphone T-20		600				15				
Microphone T-30	2,250				7					
Radio compass	946			51						
Radio sets (total)		1,232				15				
Electronic equipment *										

* Schedules not yet available

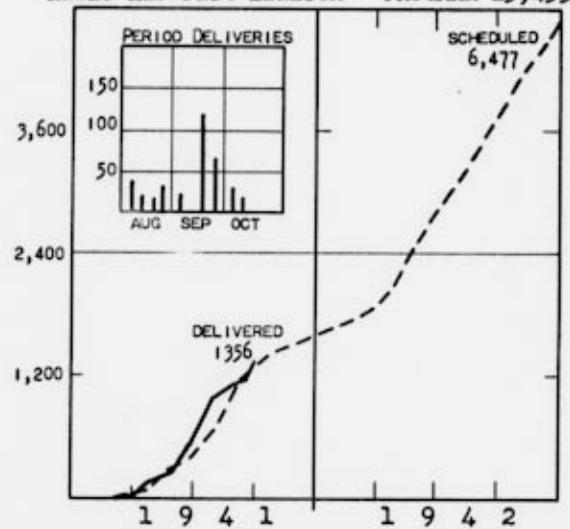
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
October 11, 1941

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

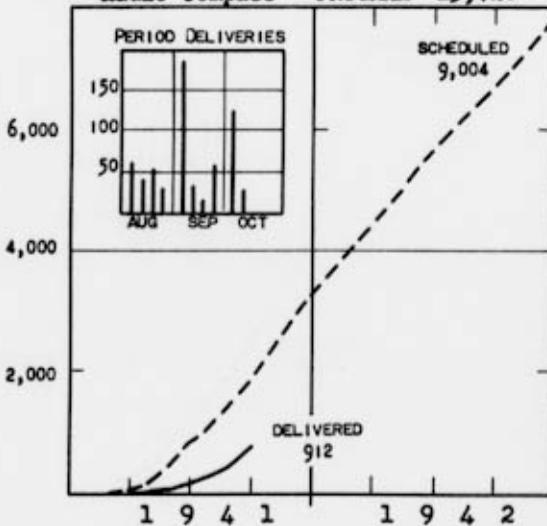
Radio Aircraft Command - PROGRAM 54,179



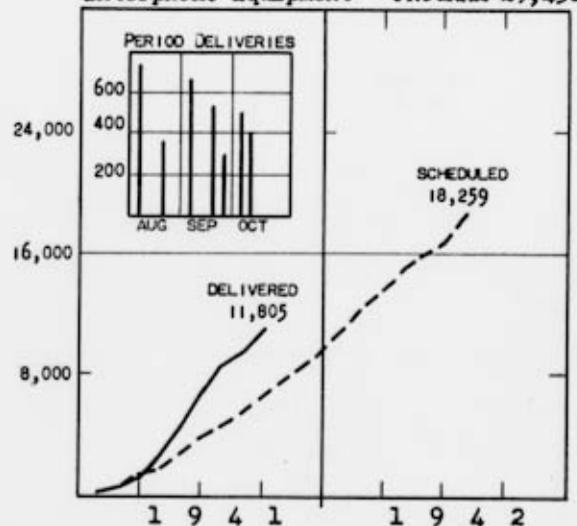
Radio Aircraft Liaison - PROGRAM 13,433



Radio Compass - PROGRAM 13,720



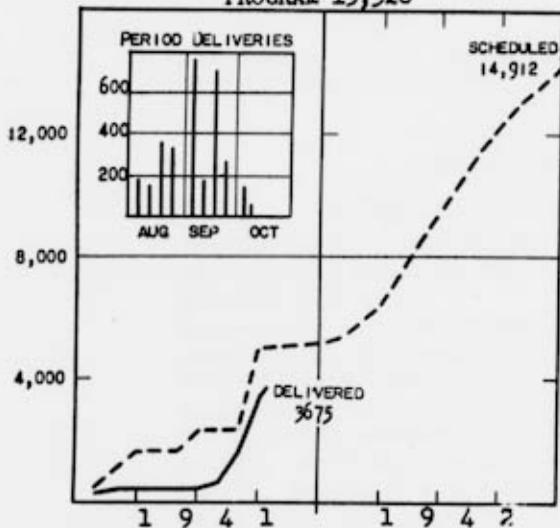
Interphone Equipment - PROGRAM 29,458



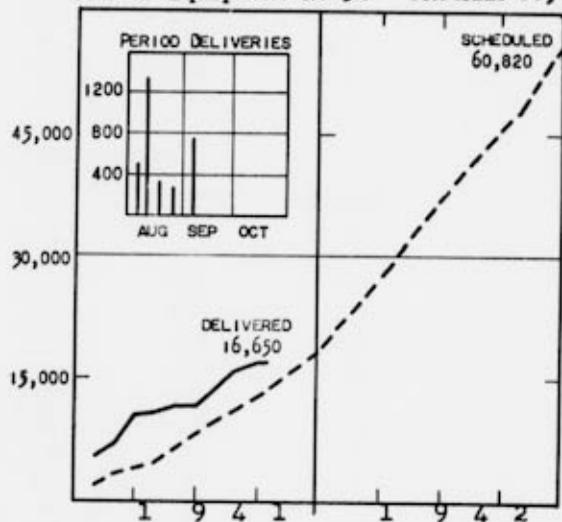
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
 October 11, 1941

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

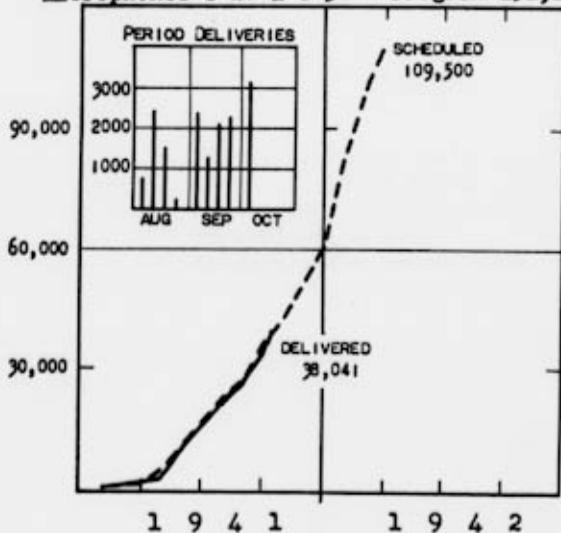
Marker Beacon Receiving Equipment
 PROGRAM 15,326



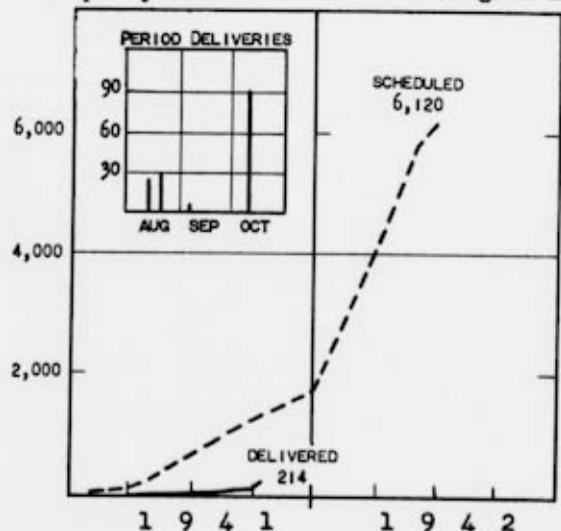
Filter Equipment RC-32 - PROGRAM 60,820



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



Frequency Meter Set SCR-211 - Program 12,738



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

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

The status of Engineer procurement and the progress shown during the quarter-month from September 30 to October 8 is outlined in the following way:

AHEAD OF SCHEDULE---TWO ITEMS

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Ahead</u>
Stereoscope, mag., lens-prism	29	76	47
Grader, road, motorized	99	106	7

BEHIND SCHEDULE---TWELVE ITEMS

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Behind</u>
Trailer for 60" searchlight	2375	622	1753
Stereoscope, mag., mirror	1437	1039	398
Searchlight, 60" AA	1533	1371	162
Compressor, air, motorized	890	855	35
Searchlight, 18" beach	160	125	35
Footbridge, M-1938	136	111	25
Water puri. unit, port.	411	393	18
Crane, truck mounted	20	13	7
Bridge, portable, trestle	8	2	6
Shovel, gasoline, 1/2-yard	67	63	4
Water puri. unit, mobile	36	34	2
Ponton bridge, 25-ton	48	47	1

CONTRACTS LET---FIVE ITEMS

<u>Item</u>	<u>Contracted September 30</u>	<u>Contracted October 8</u>	<u>New contract</u>
Elect. lighting equip., 3 kva	865	1025	160
Elect. lighting equip., 5 kva	243	352	109
Boat, power, with trailer	47	62	15
Footbridge, M-1938	164	174	10
Triangulation tower, port.	33	43	10

CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - OCTOBER 8, 1941

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

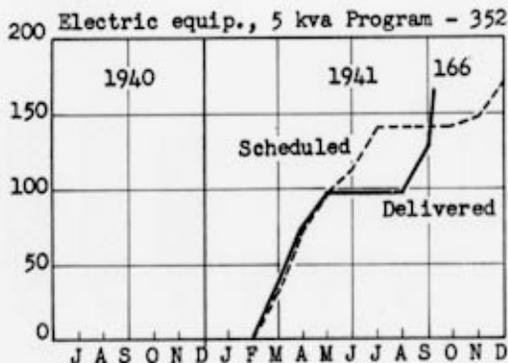
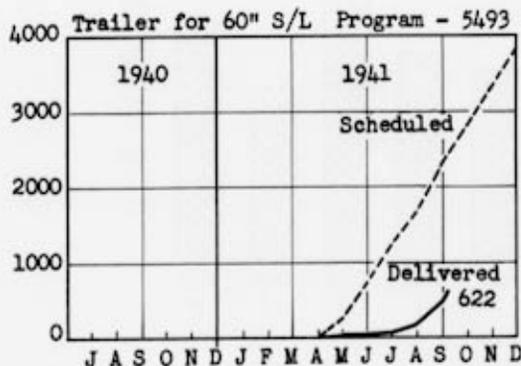
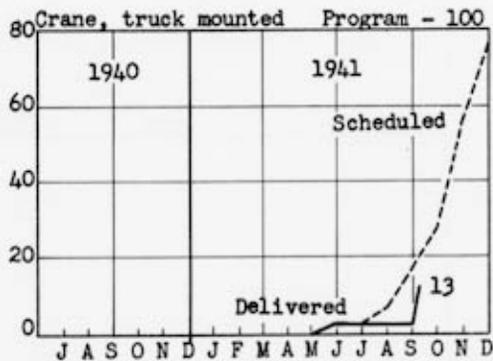
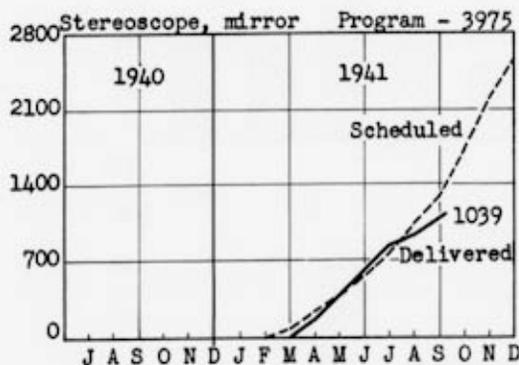
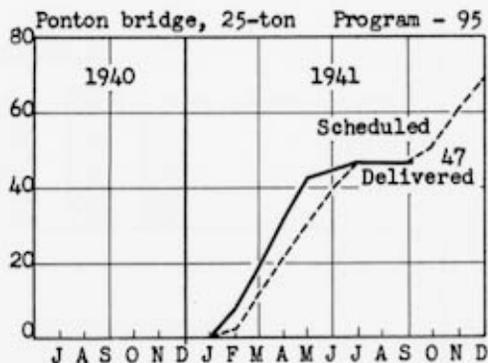
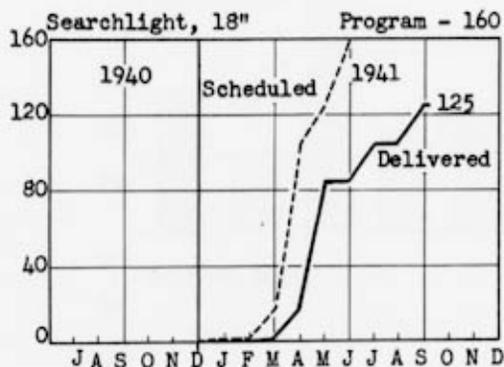


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH OCTOBER 8, 1941

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

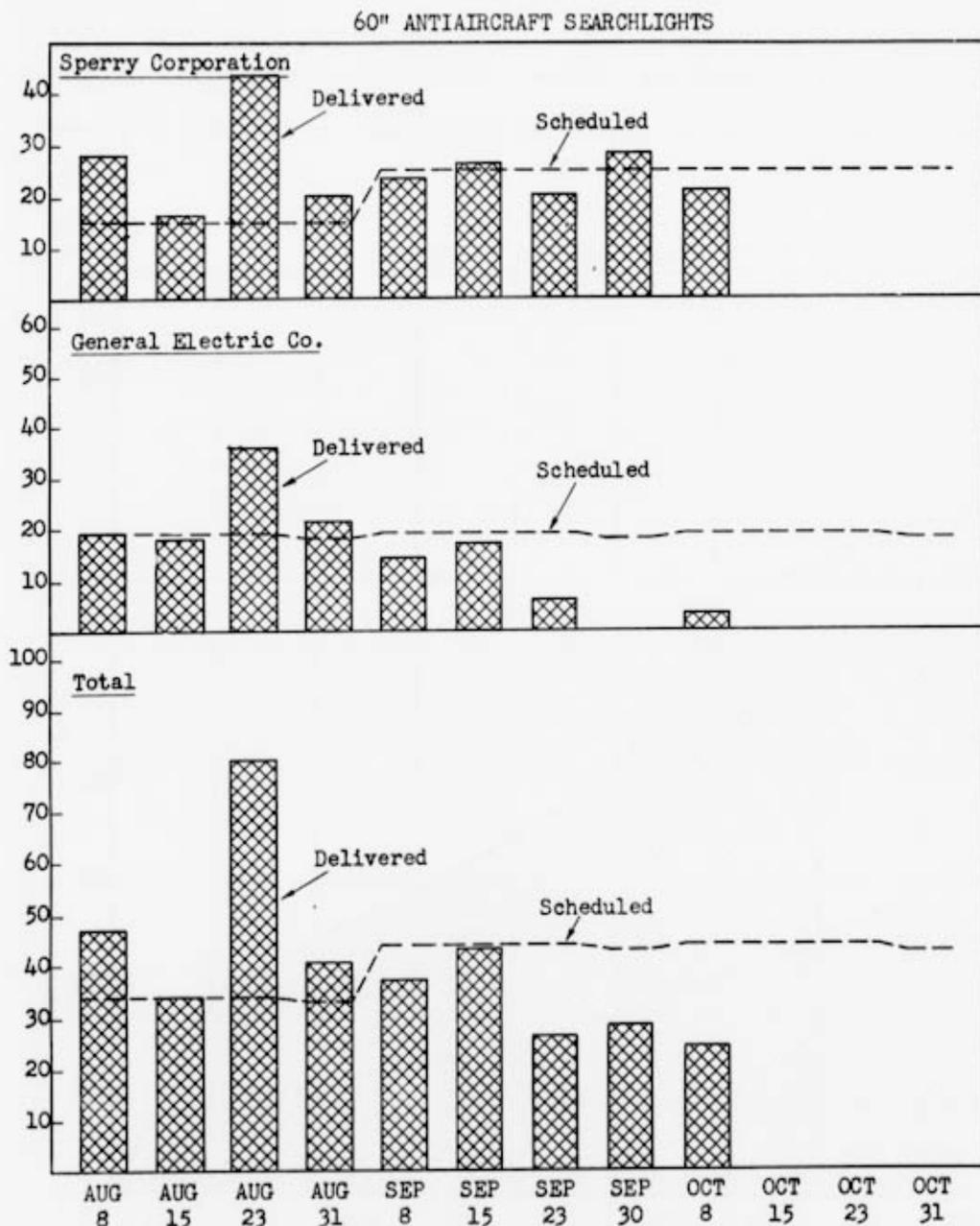
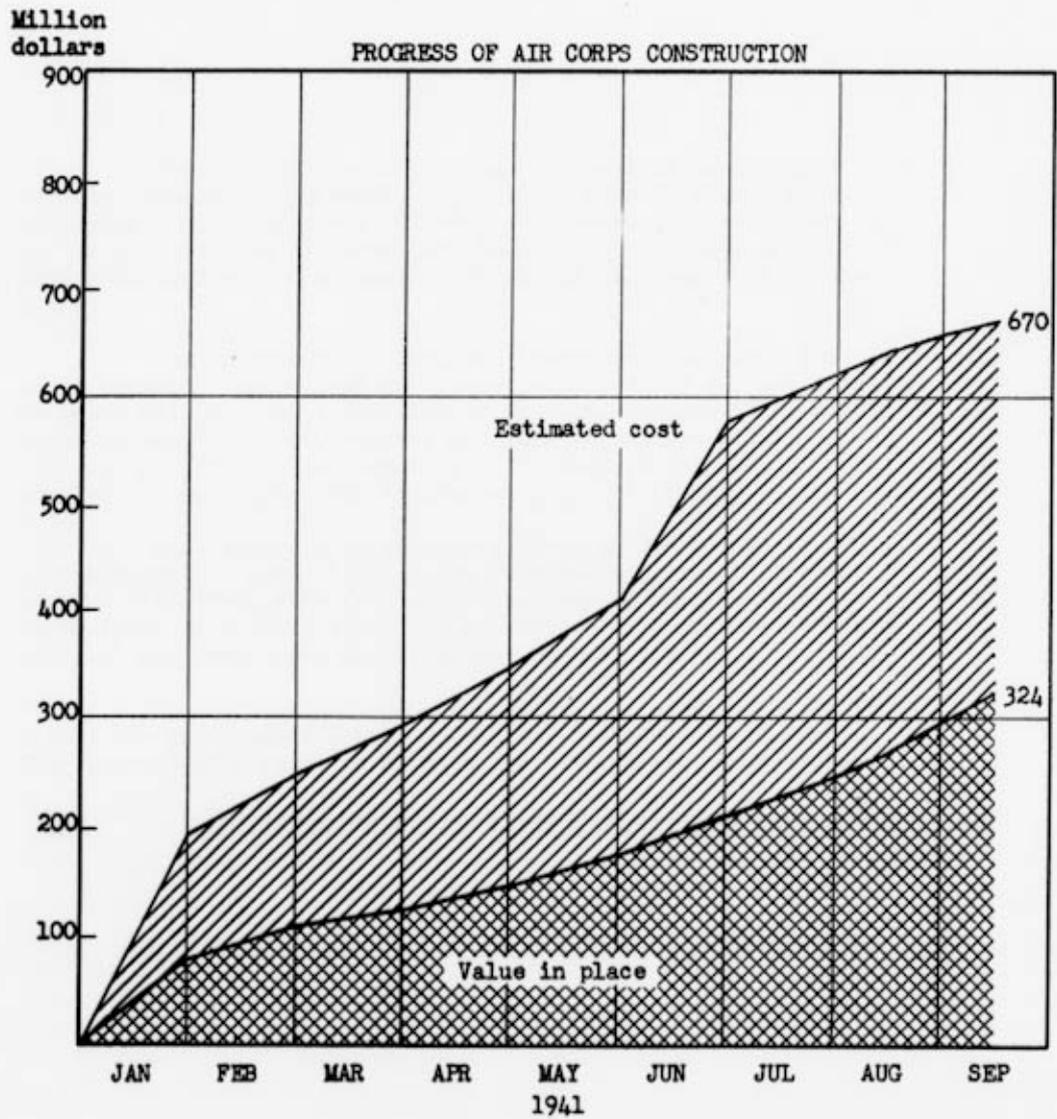


DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - SEPTEMBER 15, 1941

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED OCTOBER 18, 1941

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

Out of sixty critical items on the 1941 procurement program covered in the weekly statistical report, eleven have been completely delivered. Of the seventy-two selected items on the same program nineteen have been fully delivered to date. Many contracts covering these items should be cleared up in the near future.

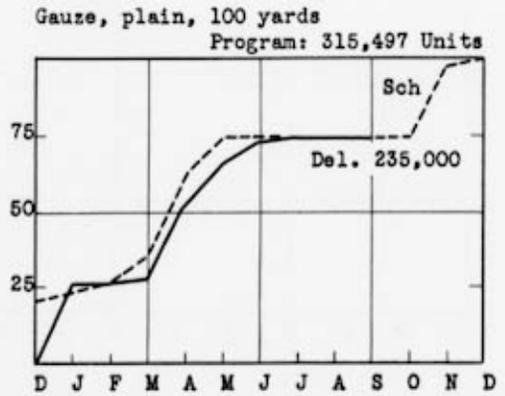
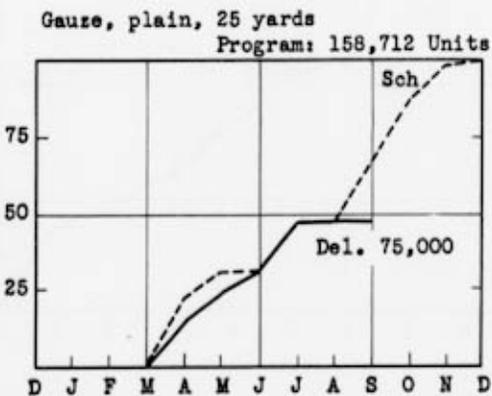
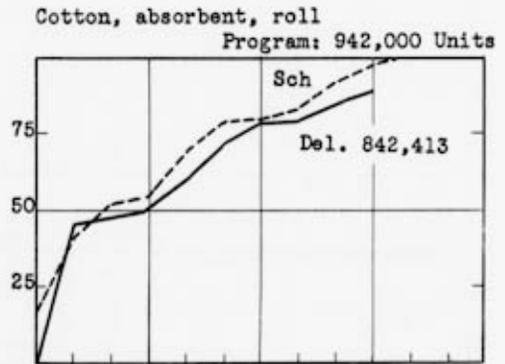
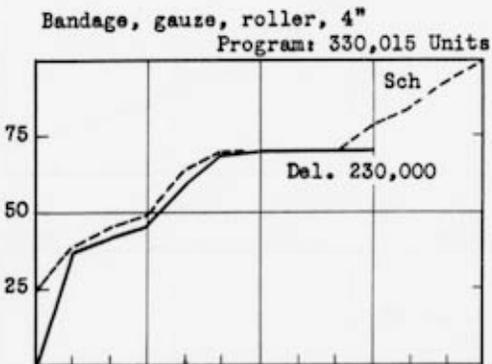
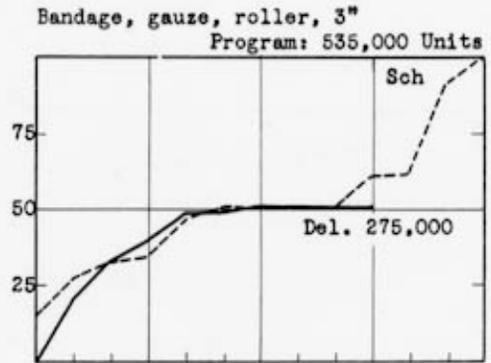
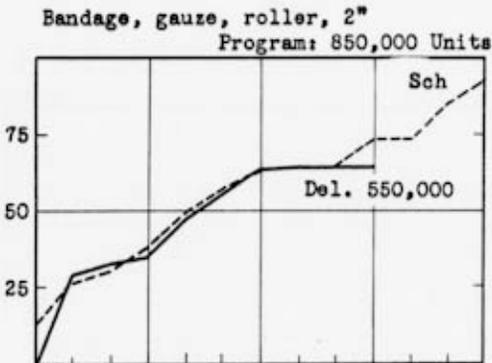
The deliveries on surgical instrument contracts continue to lag. The reasons for these delinquencies are the same as given before, namely, difficulty in obtaining stainless steel from the manufacturers, strikes and lack of skilled labor, late delivery of forgings and scarcity of machine tools. The situation as to basic materials is improving little if any.

Manufacturers of stainless steel surgical needles are encountering the same difficulties as other surgical instrument makers. The steel wire from which the needles are fabricated is obtained with difficulty from subcontractors. Orders for this material are from three to six months behind promised deliveries.

In the week ending October 9, the percentage of sick within the continental limits of the United States was 3.18. There were 3.04 percent in hospital and .14 percent in quarters.

MEDICAL DEPARTMENT - DELIVERY STATUS, SIX SELECTED ITEMS, F.Y. 1941 - SEPT. 30, 1941

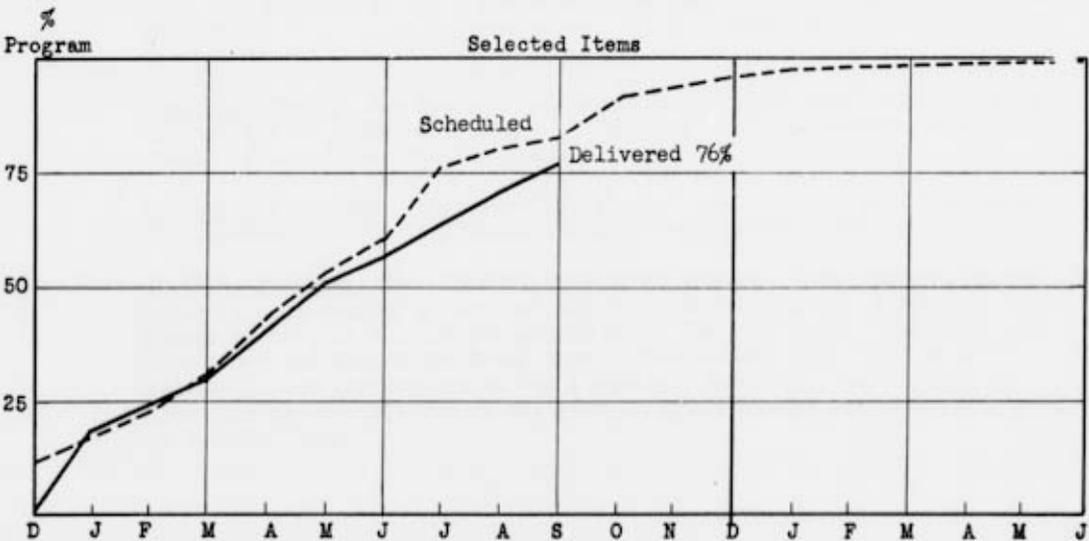
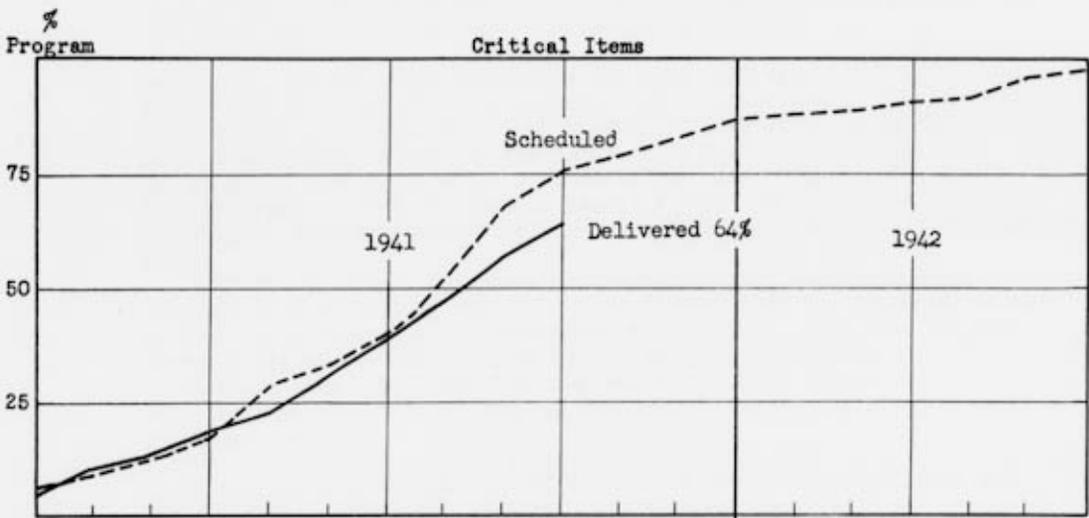
Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - PROCUREMENT PROGRESS - CRITICAL AND SELECTED ITEMS - SEPT. 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Based on Total Money Value of 1941 Program



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS OCTOBER 10, 1941

Source of Information: Chemical Warfare Service Weekly Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on six Critical and eight Essential items of the Expenditure Program.

GAS MASKS: Service Mask assemblies reported this week total 42,618 units as compared with 55,951 units reported the previous week. It is reported that the Firestone assembly plant located at Fall River, Massachusetts, was not seriously damaged in the recent fire and masks will again be assembled in this plant after a short delay. The Firestone Company has a 1941 contract for 238,000 Service Masks of which 180,060 units have been assembled. They have also been awarded a 1942 contract for 234,151 Service Masks.

Edgewood Arsenal reports a delivery of 20,633 Diaphragm Masks during the week covered by this report. It is planned that all Diaphragm Masks of the 1941 program will be assembled by January 31, 1942, and all Diaphragm Masks of the 1942 program by September of that year.

There were also 6,400 Training Masks and 4,000 Service Canisters reported delivered. A delivery of 230 Optical Masks completes the program for this item.

PROTECTIVE AGENTS: A delivery of 15 tons of Demustardizing Bleach and 688,877 eight-ounce tubes of Shoe Impregnite was reported.

The Pilot plant at Edgewood Arsenal reports production of 8 tons of Impregnite "I"; 7 tons were accepted, and the remaining ton is undergoing inspection.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 92 tons as reported by Edgewood Arsenal. A delivery of 1,445 Chemical Mortar Shells (filled) was also reported.

VARIOUS DELIVERIES: There were 11,336 Dust Respirators; 130 Smoke Pots; 346 Instructional and 82 Detonation Sets reported delivered.

INCENDIARY BOMBS: The National Fire Works Company, West Hanover, Massachusetts, was awarded a contract for 1,000,000 four-pound substitute bombs. Eighty percent of these bombs are to be of the M-54 type. The remaining twenty percent are of the M-54X type. This latter type includes an explosive pellet in addition to the incendiary mixture. These bombs are scheduled to be delivered at the rate of 250,000 bombs per month beginning in December 1941.

PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
CRITICAL ITEMS

Source of Information:	Chemical Warfare Service Total Programs 1940-41-42	Percent Delivered	October 10, 1941 Percent Contracted
Mask, Gas, Optical	116,623	100	100
Mask, Gas, Diaphragm	1,360,802	78	100
Mask, Gas, Service	3,496,234	68	100
Canister, Optical	46,362	42	100
Canister, Service	1,511,183	23	100
Canister, Diaphragm	482,478	16	100
Apparatus Dec. Power	1,184	1	100
C.G. Gas (ton)	14	0	100
CNS Gas (ton)	1,265	0	100
White Phosphorus (ton)	8,968	8	100
Mustard Gas (ton)	22,930	16	50
F.S. Smoke (lb)	1,603,700	33	33
Agent Bleach (ton)	1,967	17	30
Airplane Tanks M10	22,840	2	26
Airplane Tanks M20	940	0	17
Airplane Tanks M21	940	0	17
Lewisite (ton)	2,238	0	11
Agent Non-corr. (gal)	1,158,395	6	7
Incendiary Bombs Br 4	74,913,935	0	1
Incendiary Bombs Br 40	2,160,680	0	

PROCUREMENT PROGRESS
FISCAL YEARS 1940-41-42
SELECTED ESSENTIAL ITEMS

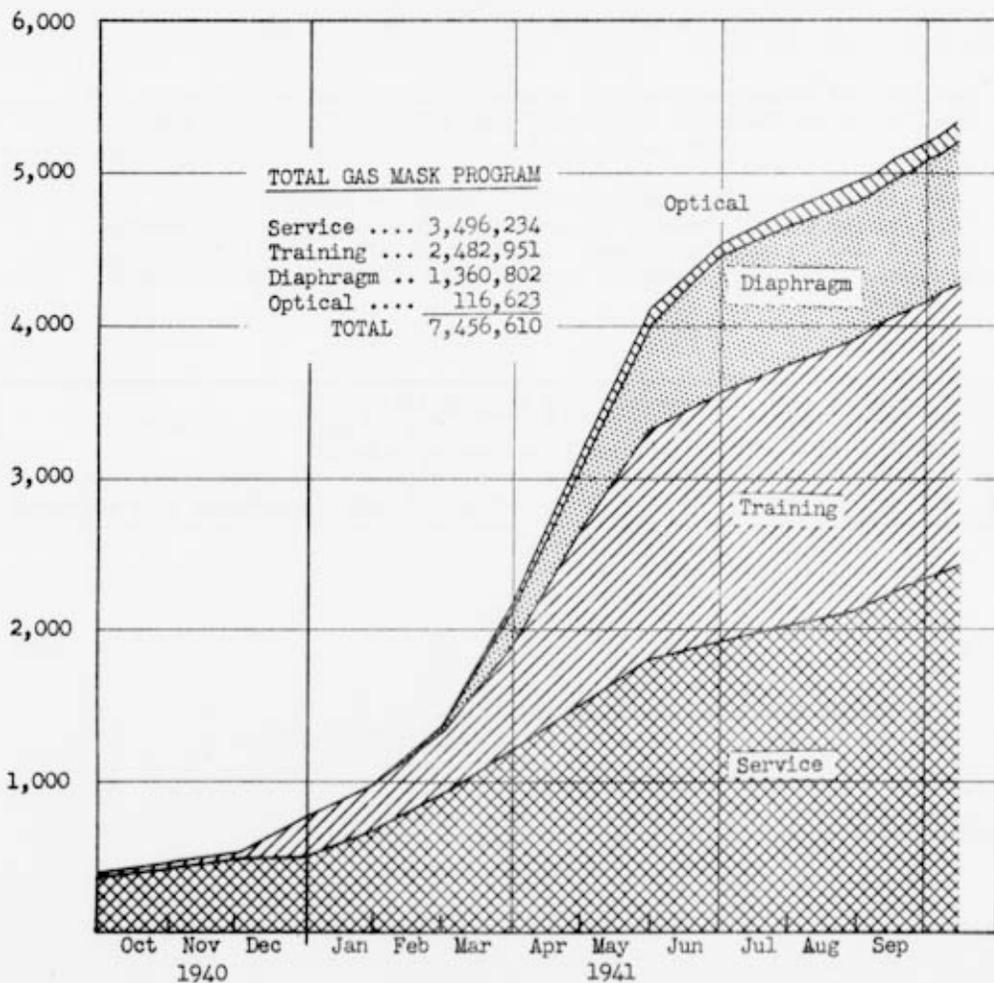
Source of Information:	Chemical Warfare Service Total Programs 1940-41-42	Percent Delivered	October 10, 1941 Percent Contracted
Repair Kits, Mask Co.	59,209	100	100
Cylinders, Portable	592	100	100
Antidim Sets	1,751,000	100	100
Decont. Equip. (gal)	54,077	95	100
Alarms, Gas	36,438	86	100
Candles, D.M.	11,030	97	100
Gas Mask Training	2,482,951	74	100
Shell, C.M.	18,900	28	100
Ident. Sets Inst.	4,131	34	100
Smoke Pots	138,918	23	100
Ident. Sets Det.	5,038	18	100
Field Laboratories	8	0	100
Shell, L.P.	24,327	0	100
Prot. Coll. Field	2,800	0	100
Curtains, Gasproof	273,417	2	100
Kits, Gas Mask Sr. Reg.	3,235	96	100
Impregnite Shoe	4,796	13	76
Container Steel (ton)	27,172	12	72
Dust Respirators	715,176	33	52
Impregnite I	5,680	8	46
Prot. Ointment	6,993,366	3	4
Flame Thrower	1,000	0	2

PROCUREMENT PROGRESS
1940-1941-1942

GAS MASKS

Source of Information: Chemical Warfare Service

October 10, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH OCTOBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

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

1. Balloon barrages - to be procured by the Air Corps.
2. Submarine mine equipment - procured and assembled by the Coast Artillery Service Army.

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

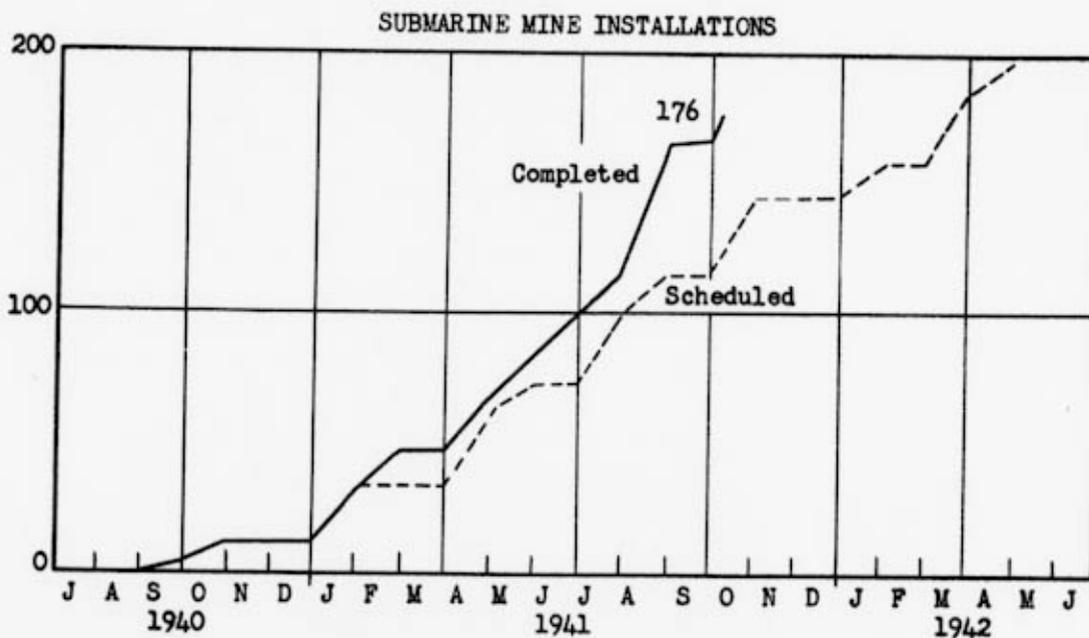
The procurement of submarine mine equipment has remained ahead of schedule since last January. The present delivery figure was not scheduled to be reached until next March. Total completion of this item is scheduled for next April. The present status is shown in the table below.

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Oct. 8	Contracted	Delivered
Submarine mine equipment	264	197	123	176	75	67

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - OCTOBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	7	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	21	

*18 of 25 completed