

War: Reports, weekly statistical: 8/2-8/16/41

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*BSF  
War*

# WEEKLY STATISTICAL REPORT

No. 5

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*Leonard P. Ayres*  
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# SUMMARY

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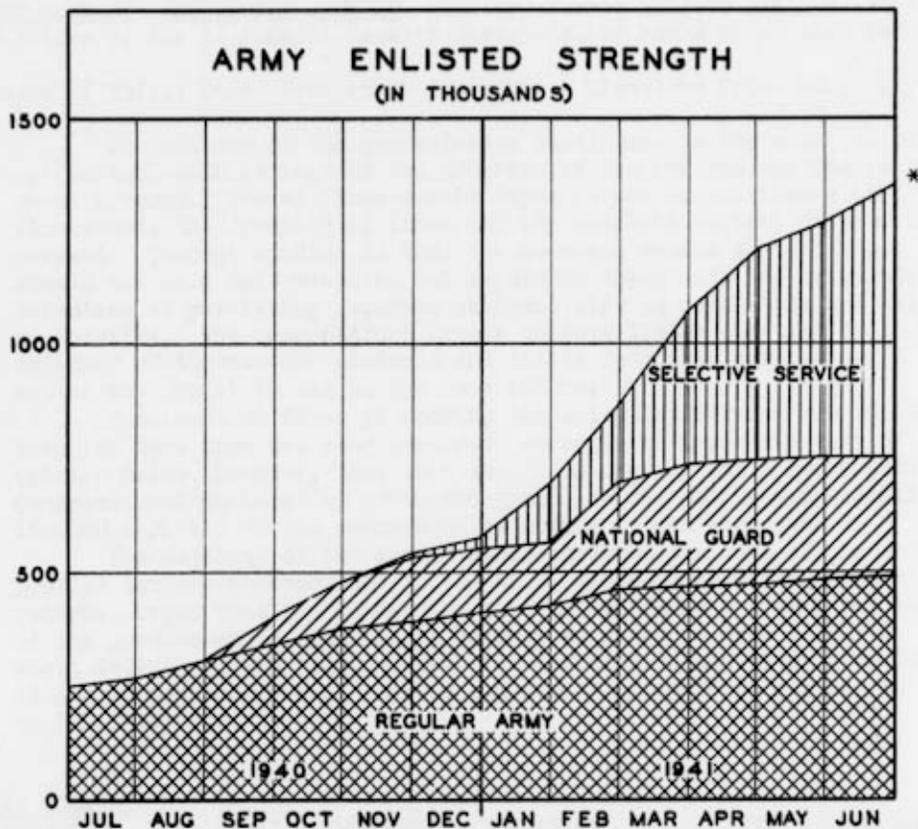
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Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
REPORT NO.5

AUGUST 2, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Proc. of Basic Items ...	26
Editorial Comment .....	2	Text Summary - Motor Vehicle Proc. ....	27
Editorial Comment - Diagram .....	3	Fiscal Diagram: Motor Vehicle Proc. ..	28
Prices .....	4	Text Summary - Construction Progress ..	29
Expenditures for War Effort .....	5	Text Summary - Construction Progress ..	30
		Diagram: Cumulative Construction Prog.	31
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Allocations .....	6	Text Summary - Procurement Progress ...	32
Obligations Incurred .....	7	Status of Proc. - Radio & Misc. Eqpt. .	33
Deliveries to Foreign Governments ..	8	Status of Proc. - Wire Communication ..	34
		Diagrams: Telephone, etc. ....	35
<u>ORDNANCE DEPARTMENT</u>		Diagrams: Frequency Meter Set, etc. ..	36
Text Summary .....	9	<u>CORPS OF ENGINEERS</u>	
Comparison of Completion Dates .....	10	Text Summary - Procurement Progress ...	37
Equipment Procurement - Tab. Sum. ..	11	Diagrams: Six Selected Items .....	38
Light & Medium Tanks .....	12	Diagrams: Six Selected Items .....	39
Tab. Sum. - Ammunition Procurement .	13	Diagram: Searchlight Procurement .....	40
Ammunition - Deliveries & Schedules.	14	<u>MEDICAL DEPARTMENT</u>	
Ammunition - Deliveries & Schedules.	15	Text Summary .....	41
New Facilities - Equipment .....	16	Diagram: Critical Items-% not Contract.	42
New Facilities - Ammunition .....	17	Diagram: Selected Items-% not Contract.	43
New Facilities - Ammunition .....	18	<u>CHEMICAL WARFARE SERVICE</u>	
<u>AIR CORPS</u>		Text Summary .....	44
Text Summary - Tactical Objectives .	19	Diagram: Progress of Deliveries .....	45
Tab. Sum. - First Aviation Objective	20	Diagram: Progress of Deliveries .....	46
Diagrams: First Aviation Objective		Diagram: Progress of Deliveries .....	47
Heavy Bomber .....	21	Status of Gas Mask Program .....	48
Medium Bomber .....	22	<u>COAST ARTILLERY CORPS</u>	
Light Bomber .....	23	Text Summary .....	49
Pursuit Fighter .....	24	Diagram: Group Control Panels .....	50
Pursuit Interceptor .....	25		



The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 to July 7, 1941 are shown in the diagram and table. They refer to enlisted strength as of the end of each month, with the exception of the final tentative figure.

	Total		Total
July, 1940	268,941	Jan., 1941	693,578
Aug.	302,968	Feb.	873,667
Sept.	407,613	Mar.	1,068,030
Oct.	483,218	Apr.	1,205,873
Nov.	540,695	May	1,265,211
Dec.	573,520	June	1,348,004
		*July 7	1,370,014 (Radio Report)

Source of Information: Statistics Branch, General Staff, July 30, 1941.

Army Strength

1

Statistics Branch  
OUSW - 8-2-41

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co., July 30, 1941

The outlook of the commentators continues, in the main, to be optimistic, both as regards the progress of the war and our own rearmament program. The attitude toward Japan is one of confidence that the firm stand, the freezing of funds and the complete control of exports is correct. General opinion is that the economic action against Japan should not be a half measure, but should be taken with the calculated intention of paralyzing Japanese economic life as completely and swiftly as possible. The commentators appear to have little question as to the efficacy of the economic controls and little fear that our course of action may result in war in the near future.

Sentiment in favor of keeping the selective service men in the Army for more than one year continues strong. An important body of opinion holds, however, that this should be done by other means than Congressional declaration of an emergency, or at most by a declaration limited strictly to the purpose of extending the service tenure.

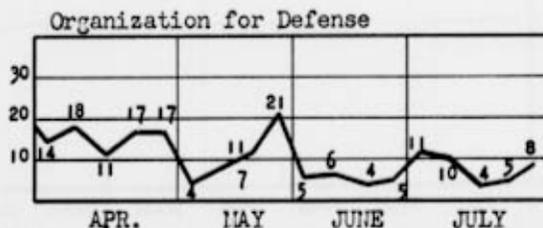
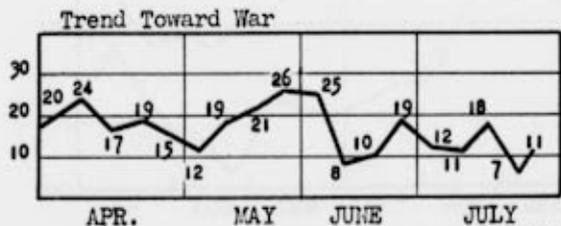
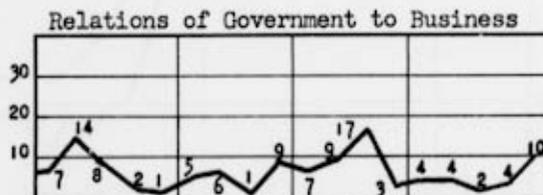
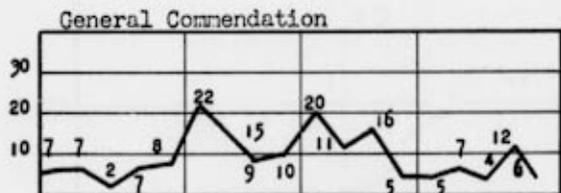
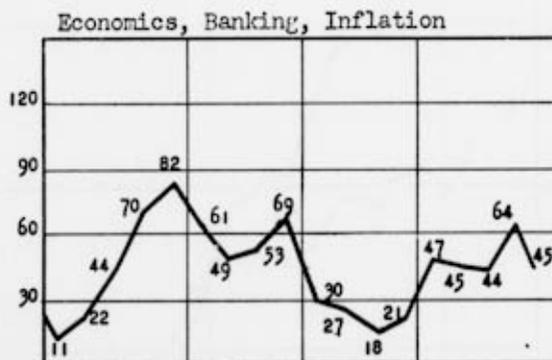
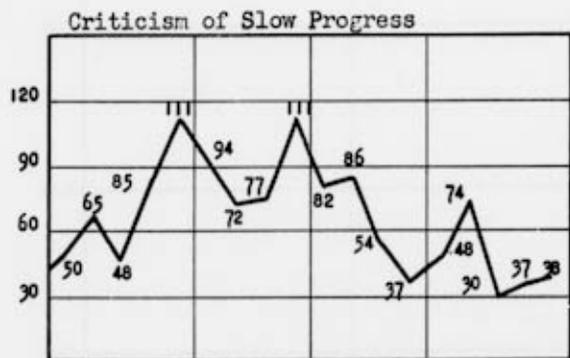
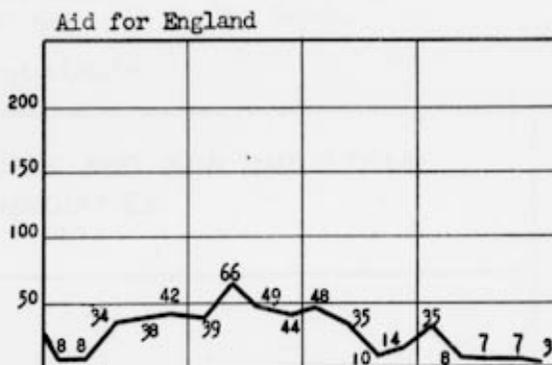
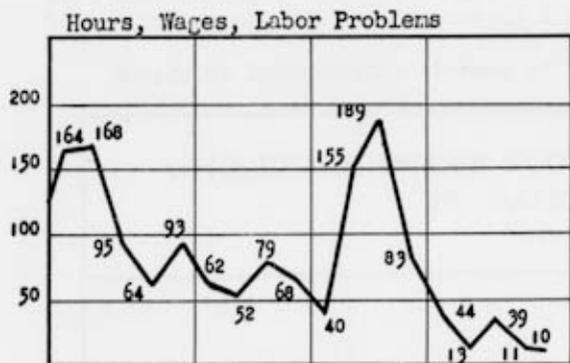
The majority of the commentators approves the form of the excess profits tax now incorporated in the bill, disapproves strongly joint returns, urges that the income tax base be broadened to reach the incomes of the persons whose spending of defense earnings is most likely to bring about inflation, and cautions that the tax bill should be written for the single purpose of raising revenue and should not attempt further to force social reforms.

TABULAR SUMMARY

<u>THE EMERGENCY</u>	Tallies	<u>ECONOMICS, INFLATION</u>	<u>TREND TOWARD WAR</u>		
For embargoes on Japan	12	For higher taxes	4	We are trending	5
For an oil embargo	5	Broaden the tax base	9	Defeat Hitler somehow	1
Against embargoes	2	Against joint returns	7	Do not go to war	1
Keep Singap. route open	2	For av. earnings method	2	Japan brings war near	2
Fund freezing approved	6	Don't tax for reform	2	Don't fight Japan	1
For holding selectees	30	Danger of inflation	5	For war against Axis	
Hold Guard and Reserve	24	Cut Govt. spending	8	now— Cl. Plain Dealer	1
Against holding them	1	For Baruch price plan	4		
For Taft 16 months plan	2	For Canadian plan	1	<u>ST. LAWRENCE SEAWAY</u>	
For prompt decision	1	Defense bond sales poor	3	For the project	2
Against foreign service	1			Against the project	2
Lift foreign service ban	3	<u>GOVT. AND BUSINESS</u>			
Against paying bonuses	4	Govt. socializing oil	1	<u>GENERAL COMMENDATION</u>	6
Against em. declaration	5	Small enterprise dying	5	<u>GENERAL CRITICISM</u>	38
For Iceland occupation	1	Make 50% auto cut slowly	4	<u>ORGANIZATION PROBLEMS</u>	8
Seizure bill approved	2			<u>HOURS, WAGES, LABOR</u>	10
Seizure bill too drastic	1	<u>AID TO BRITAIN</u>		<u>MATERIAL SHORTAGES</u>	4
For cable censorship	2	All possible aid	3	<u>MISCELLANEOUS</u>	6

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.

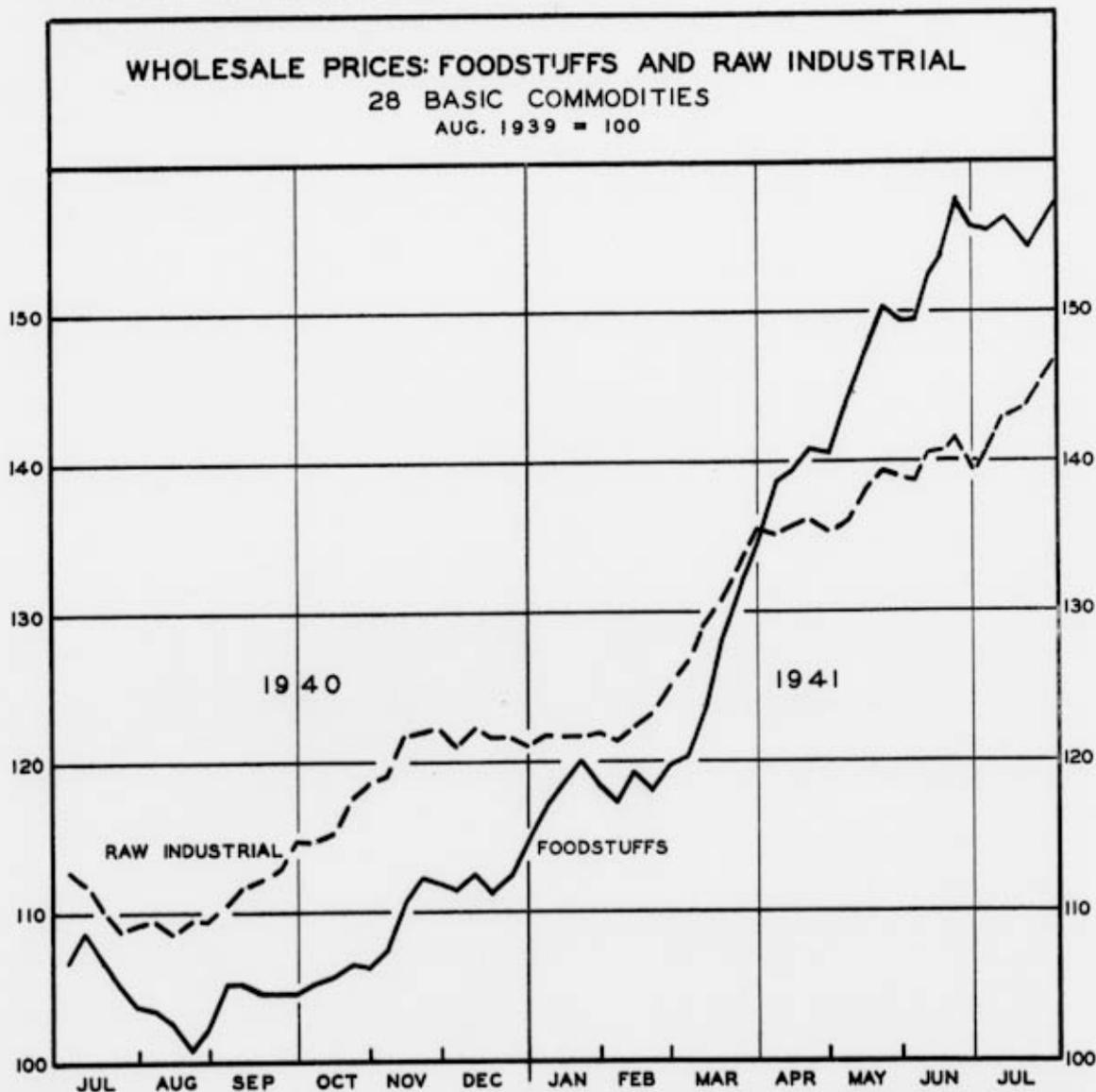
Source of Information: Department of Research and Economics - Cleveland Trust Company



### PRICES

The index of 28 basic commodities advanced to its highest point since the outbreak of the war. It is now 51.5 percent above the August, 1939 level. Foodstuffs increased to 157.3 during the past week, but have not yet reached the high of the last week in June. Raw industrial commodities, however, continued the rapid rise begun three weeks ago and now are 47.1 percent above the pre-war level.

Source of Information: Bureau of labor statistics

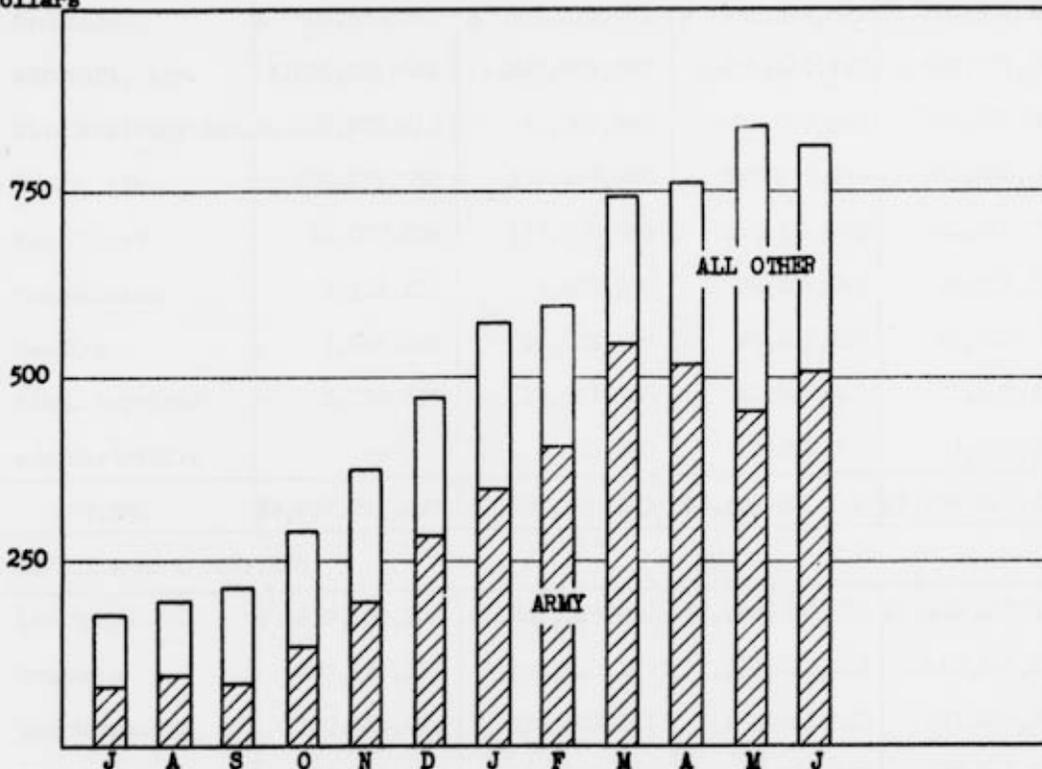


DEFENSE EXPENDITURES BY MONTHS - F.Y. 1941

In July 1940, Army expenditures amounted to 44.6 percent of all defense expenditures. In June 1941, the Army accounted for 62.7 percent of the total cost of defense.

Source of Information: Daily Treasury Statement, July 15, 1941

Millions  
of dollars



	<u>Total</u>	<u>Army</u>		<u>Total</u>	<u>Army</u>
July, '40	177	79	Jan., '41	572	346
Aug.	200	91	Feb.	593	404
Sept.	219	82	Mar.	746	544
Oct.	287	134	Apr.	761	516
Nov.	376	196	May	837	456
Dec.	473	281	June	808	507

DEFENSE AID - ALLOCATIONS

Source of Information: Division of Defense Aid Reports

BY APPROPRIATION:	Period Ended			
	5-15-41	6-15-41	6-30-41	7-15-41
Ordnance	\$ 640,557,113	\$ 763,229,761	\$ 951,524,693	\$1,005,874,465
Aircraft, etc.	1,801,986,621	1,809,967,667	1,856,410,987	1,509,577,987
Misc. Military Equip.	103,278,013	91,087,383	91,087,383	100,781,009
Tanks, etc.	289,858,550	331,807,080	333,275,330	382,602,044
Facilities	23,000,000	137,836,789	212,551,755	244,346,711
Commodities	2,511,103	9,912,739	29,247,892	29,303,717
Testing	3,828,880	18,803,108	20,803,108	20,303,108
Misc. Services	2,773,605	11,601,506	11,626,506	11,626,506
Administrative	--	3,300,000	3,300,000	3,300,000
TOTAL	\$2,867,793,885	\$3,177,546,033	\$3,509,827,654	\$3,308,215,547
BY SUPPLY ARMS & SERVICES:				
Air Corps	\$1,810,100,209	\$1,841,785,020	\$1,888,578,505	\$1,540,487,119
Ordnance	878,134,113	1,105,911,192	1,336,010,243	1,459,496,837
Quartermaster	100,519,474	138,807,761	174,841,442	171,874,840
Signal Corps	62,592,895	63,760,349	63,760,349	70,818,835
Corps of Engineers	9,707,394	9,741,911	9,741,911	27,348,784
Chemical Warfare	6,739,800	6,739,800	7,609,800	24,264,810
Medical Corps	--	--	--	1,045,805
Undistributable	--	10,800,000	29,285,404	12,878,517
TOTAL	\$2,867,793,885	\$3,177,546,033	\$3,509,827,654	\$3,308,215,547

DEFENSE AID - OBLIGATIONS INCURRED

Source of Information: Division of Defense Aid Reports

BY APPROPRIATION:	Period Ended			
	5-15-41	6-15-41	6-30-41	7-15-41
Ordnance	\$27,986,892	\$130,431,241	\$ 246,352,737	\$ 320,163,953
Aircraft	81,179,966	458,476,186	1,170,792,379	1,180,071,435
Tanks, etc.	3,818,744	115,399,251	206,268,984	210,591,001
Misc. Military Equip.	3,265,453	15,339,270	42,699,935	44,207,017
Facilities	--	2,505,601	39,704,094	61,919,668
Commodities	--	436,680	436,680	1,207,188
Testing	--	--	--	--
Services	--	--	--	3,959
Administrative	--	--	--	572,062
<b>TOTAL</b>	<b>\$116,251,055</b>	<b>\$722,588,229</b>	<b>\$1,706,254,809</b>	<b>\$1,818,736,283</b>
<b>BY SUPPLY ARMS &amp; SERVICES:</b>				
Ordnance	\$ 27,986,892	\$237,263,138	\$ 405,126,313	\$ 502,703,401
Air Corps	81,179,966	458,476,186	1,205,332,836	1,179,988,435
Signal Corps	2,096,307	7,422,353	32,725,677	33,780,475
Quartermaster	3,818,744	14,356,566	56,305,300	93,958,575
Chemical Warfare	--	3,398,287	3,969,537	4,789,017
Corps of Engineers	1,169,146	1,671,699	2,795,146	2,977,206
Chief of Finance	--	--	--	539,174
<b>TOTAL</b>	<b>\$116,251,055</b>	<b>\$722,588,229</b>	<b>\$1,706,254,809</b>	<b>\$1,818,736,283</b>

DEFENSE AID - DELIVERIES TO FOREIGN GOVERNMENTS

Source of Information: Division of Defense Aid Reports

FROM APPROPRIATIONS PRIOR TO MARCH 11, 1941

BY SUPPLY ARMS & SERVICES:	Period Ended			
	5-15-41	6-15-41	6-30-41	7-15-41
Ordnance	\$10,582,994	\$15,945,476	\$22,271,721	\$26,929,931
Quartermaster	2,844,515	2,910,366	2,930,807	3,043,896
Chemical Warfare	1,592,657	1,988,086	1,992,936	1,992,936
Air Corps	326,813	979,428	1,283,286	1,386,826
Signal Corps	46,486	154,813	303,222	315,972
Medical Corps	--	13,062	13,062	13,062
Corps of Engineers	177	177	177	177
TOTAL	\$15,393,642	\$21,991,408	\$28,795,211	\$33,682,800

FROM DEFENSE AID SUPPLEMENTAL APPROPRIATION

BY SUPPLY ARMS & SERVICES:				
Quartermaster	\$ 211,957	\$ 859,768	\$ 1,705,512	\$ 1,813,988
Ordnance	--	165,886	263,886	393,765
Air Corps	--	168,112	168,322	326,922
Signal Corps	--	39,359	39,359	39,359
TOTAL	\$ 211,957	\$ 1,233,125	\$ 2,177,079	\$ 2,574,034

BY APPROPRIATION:				
Ordnance	--	\$ 165,886	\$ 263,886	\$ 305,715
Aircraft, etc.	--	168,112	168,322	326,922
Tanks, etc.	211,957	859,768	1,705,512	1,902,038
Misc. Military Equip.	--	39,359	39,359	39,359
TOTAL	\$ 211,957	\$ 1,233,125	\$ 2,177,079	\$ 2,574,034

TEXT SUMMARY - AUGUST 2, 1941

Source of Information: Ordnance Department, General Staff and OUSW

EQUIPMENT

The table on the following page compares the completion dates of 17 items in the current procurement program, for which complete estimated delivery schedules have been reported. The last 100 scout cars are awaiting installation of Diesel engines. Through July 23, all except 11 of the 3" antiaircraft guns, complete with on-carriage fire control instruments, had been accepted.

Gun, 90mm Antiaircraft - 8 complete guns have been accepted, of a total of approximately 27 complete units produced individually. Designs are now approximately final; the first series of quantity production is beginning; and delivery of about 50 complete units from this production is expected in August.

Howitzer, 105mm - Revised reports show 57 complete units accepted through July 15, with production about one month ahead of schedule. There are 2,728 on order, but the 1,040 additional units financed from Defense Aid, Fiscal Year 1941 Savings and Fiscal Year 1942 funds had not been completely ordered through July 15.

Self-Propelled Gun Mounts are being developed for the .50 caliber machine gun, 37mm antitank gun, the 75mm gun and the 105mm howitzer.

Caliber .30 Light Rifle, designated S R, M1 (Short Rifle) weighs approximately 5 pounds as compared with the 9 pound weight of the Garand rifle, plus the 1 pound bayonet. The light rifle is planned to permit accurate fire up to 300 yards in range and to replace generally the caliber .45 automatic pistol. Two designs have been selected - the Bendix-Hyde model and the Springfield-Garand model - and are to receive more extensive tests.

NEW STANDARD HELMET

The new standard helmet (M1) is to replace the M1917-A1 model. Approximately 1,000,000 of this new type adopted by the Infantry Board will be procured.

AMMUNITION

Deliveries of equipment to the Lake City and St. Louis small arms ammunition plants began in volume in July: 15% and 9% were delivered to the respective plants in the first two weeks of July.

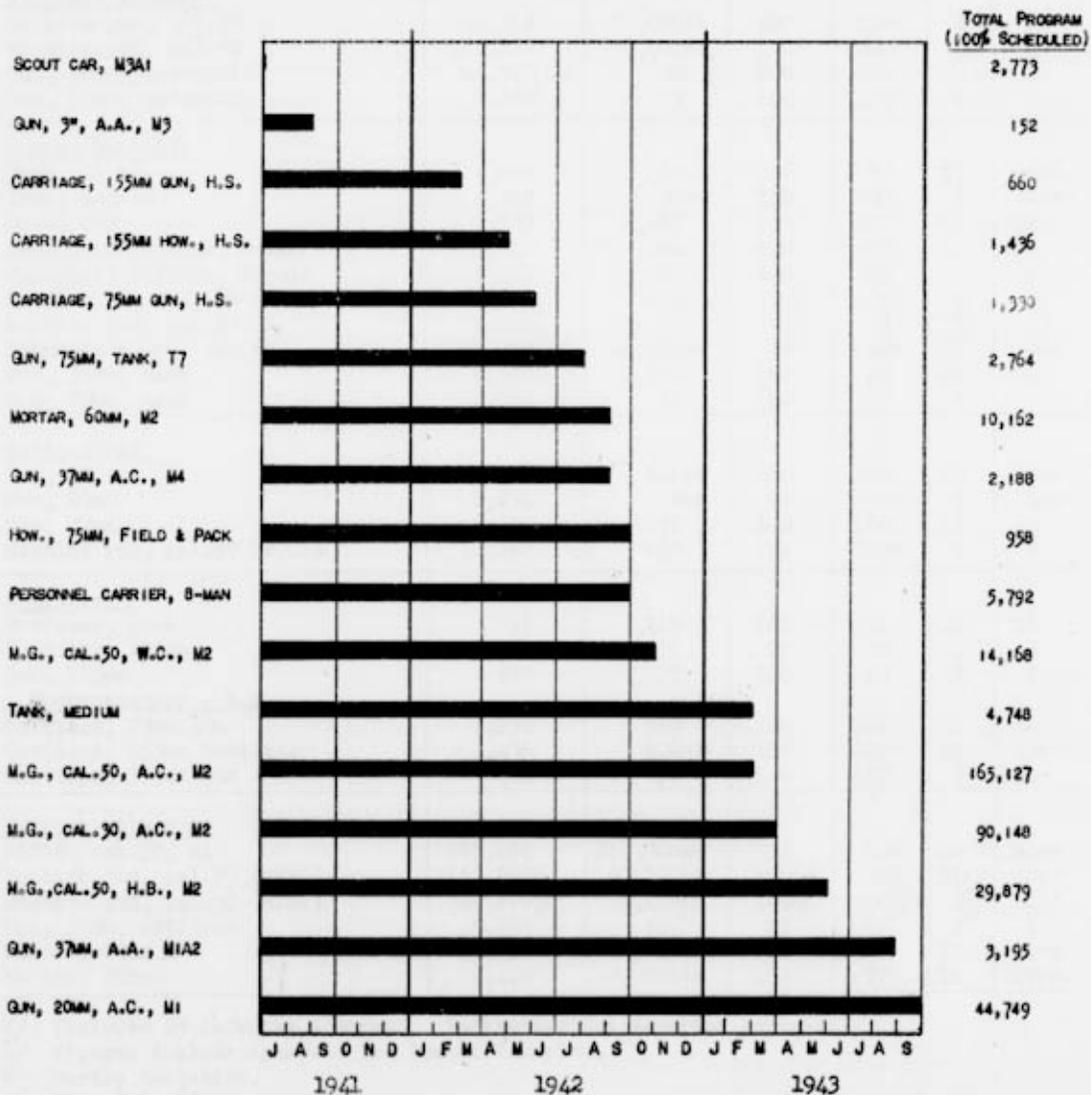
The new Elwood shell loading plant, at Wilmington, Illinois, started operations on July 12, and the Iowa shell loading plant, at Burlington, Iowa, began on July 31.

The diagrams on pages 14 and 15 indicate that many ammunition items are not fully scheduled. Computation of schedules is not generally feasible until the new shell loading plants come into operation. Only two new plants have started operation, leaving eight new plants yet to be completed. Furthermore, additions to the first group of five new plants have only recently been authorized.

COMPARISON OF COMPLETION DATES OF SELECTED ITEMS - JULY 15, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept. (Production)

(BASIS: ACTUAL & ESTIMATED DELIVERY SCHEDULES)



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

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program	Delivered thru July 15	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	7,081**	100	100*	8	8**
Machine gun, cal.50	165,127	9,640**	100	100*	6	6**
Gun, 20mm, automatic	44,749	0	100	100	0	0
Gun, 37mm, automatic	2,188	33	100	100	2	2
<u>Combat Vehicles</u>						
Tank, light	4,090	1,145**	100	85	27	28**
Tank, medium	4,748	99**	100	100	2	2**
Scout car	2,733	2,633	100	100	100	96
Personnel carrier, 8-man	5,792	606	100	100	10	10
Personnel carrier, 13-man	5,521	60	100	89	3	1
Machine gun, cal.30 (Var.)	37,460a/	a/	a/	a/	a/	a/
Machine gun, cal.50 (H.B.)	8,025a/	a/	a/	a/	a/	a/
Submachine gun, cal.45	251,397	48,184**	98	98*	17	19**
Gun, 37mm, tank	7,352	1,569	100	82	20	21
Gun, 75mm, tank	2,764	50	100	100	1	3
<u>Antiaircraft</u>						
Gun, 3"	152	141**	100	100	80	93**
Gun, 90mm	1,271	8**	95	95*	1	1**
Gun, 37mm	3,195	432	100	100	13	14
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	6	5
<u>Artillery</u>						
Howitzer, 75mm	958	119	100	100	11	12
Howitzer, 105mm	3,761	57	73	46	1	2
Gun, 155mm	492	17	100	68	3	3
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	510	100	100	37	38
Carriage, 155mm howitzer	1,436	906**	100	100	49	63**
Carriage, 155mm gun	660	69	100	100	9	10
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	216,706**	93	93*	22	24**
Machine gun, cal.30 (Var.)	113,850b/	31,175b/	100b/	90b/*	31b/	30b/
Machine gun, cal.50 (H.B.)	29,879b/	1,188b/	100b/	100b/*	4b/	4b/
Gun, 37mm, antitank	9,464	504	67	67	5	5
Mortar, 60mm	10,162	4,089**	100	100	34	40**
Mortar, 81mm	4,458	765**	100	77	16	17**

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

b/ Figures include Armament for Combat Vehicles.

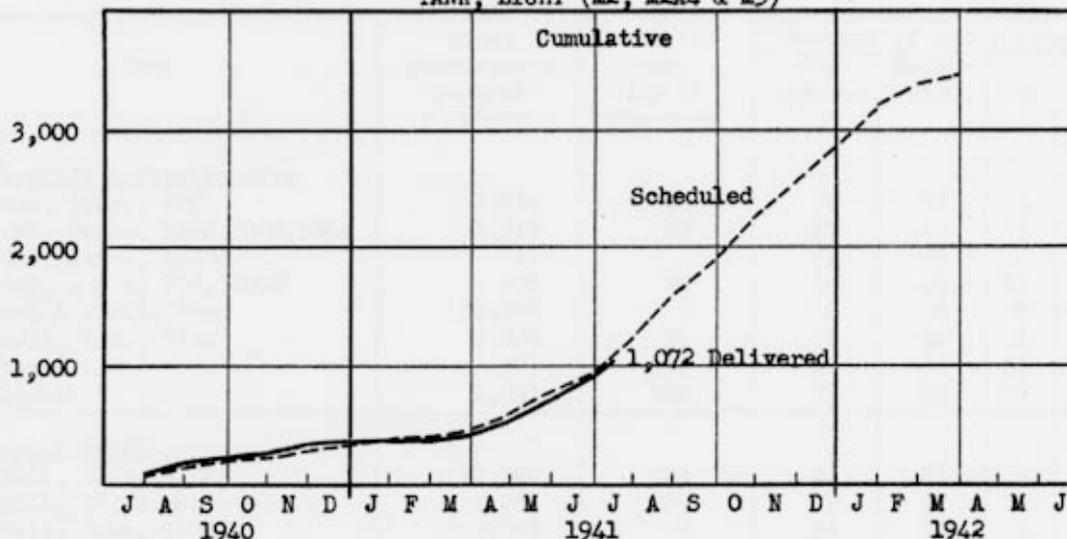
\* Partly tentative.

\*\* Thru July 23.

COMBAT VEHICLES - DELIVERIES AND SCHEDULES - JULY 15, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

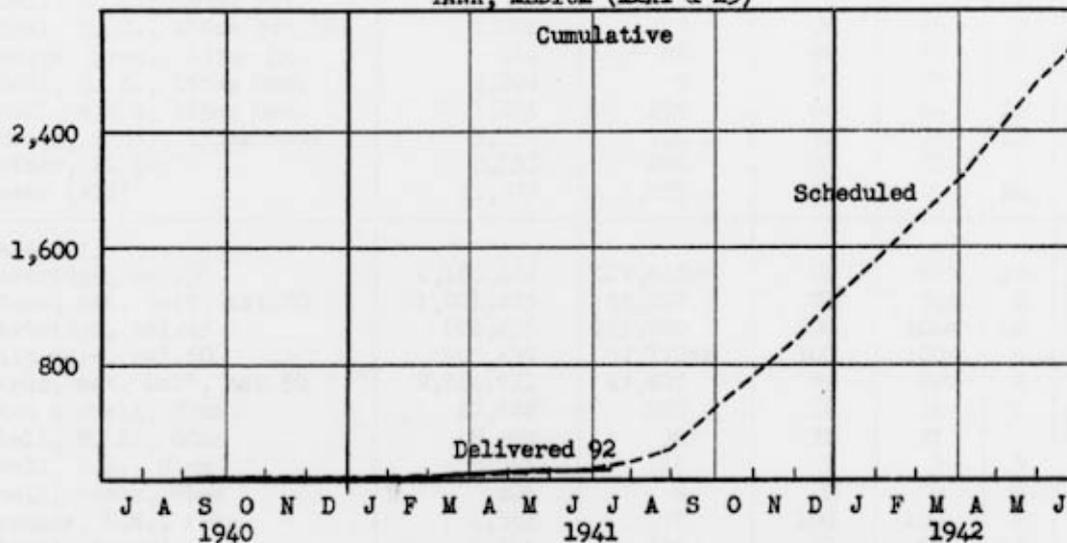
TANK, LIGHT (M2, M2A4 & M3)



CUM. (HUNDREDS)

DEL.	.9	1	2	3	3	3	4	4	4	5	7	9									
SCH.	.8	1	2	2	3	3	4	4	5	6	8	10	12	16	19	23	26	29	32	34	35

TANK, MEDIUM (M2A1 & M3)



CUM. (HUNDREDS)

DEL.	.01	.01	.02	.06	.06	.1	.2	.3	.4	.6	.8											
SCH.	.01	.05	.05	.1	.2	.2	.3	.4	.6	.9	1	2	5	7	10	13	15	18	21	24	27	30

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

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program (THOUSANDS)	Delivered thru July 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	4	2
Bomb, demo., 100#, 300#, 500#	1,315	60	47	47	7	5
Bomb, demo., 1000#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	376	18	40	40	11	5
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	79	66	66	5	4
Flares	399	152	66	66	53	38
Signals	2,057	573	33	33	28	29
<u>Antiaircraft</u>						
Shell, 37mm, H. E.	12,786	22	21	21	-	-
Shell, 3", H. E.	2,267	69	57	57	4	3
Shell, 90mm, H. E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H. E., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	3,956	0	2	2	0	0
Shell, H. E., 75mm how.	4,279	226	58	58	6	5
Shell, H. E., 105mm how.	11,793	62	8	8	1	1
Shell, H. E., 155mm gun, M1	1,001	0	26	26	0	0
Charge, prop., 155mm gun	446	88	99	99	19	20
Shell, H. E., 155mm how.	4,299	5	77	77	-	-
Shell, g & s, 155mm how.	1,224	276	66	66	24	23
Charge, prop., 155mm how.	5,759	758	76	76	13	13
Primer, 21 gr.	8,153	299	83	83	4	4
Fuzes (All)	11,777	3,081	49	49	26	26
<u>Infantry</u>						
Cartridge, cal.30	4,166,444	429,643**	91	91*	10	10**
Links, met. belt, cal.30	1,011,225	85,023	74	74*	8	8
Cartridge, cal.45	606,476	125,980	100	100*	18	21
Cartridge, cal.50	905,459	52,192**	100	100*	6	6**
Links, met. belt, cal.50	2,444,921	43,825	89	89*	2	2
Shot & shell, 37mm	27,688	229	14	14	1	1
Shell, H. E., 60mm	8,882	36	31	31	-	-
Shell, H.E., 81mm	3,764	116	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	356	53	53	15	11
Mine, antitank	2,050	0	2	2	0	0

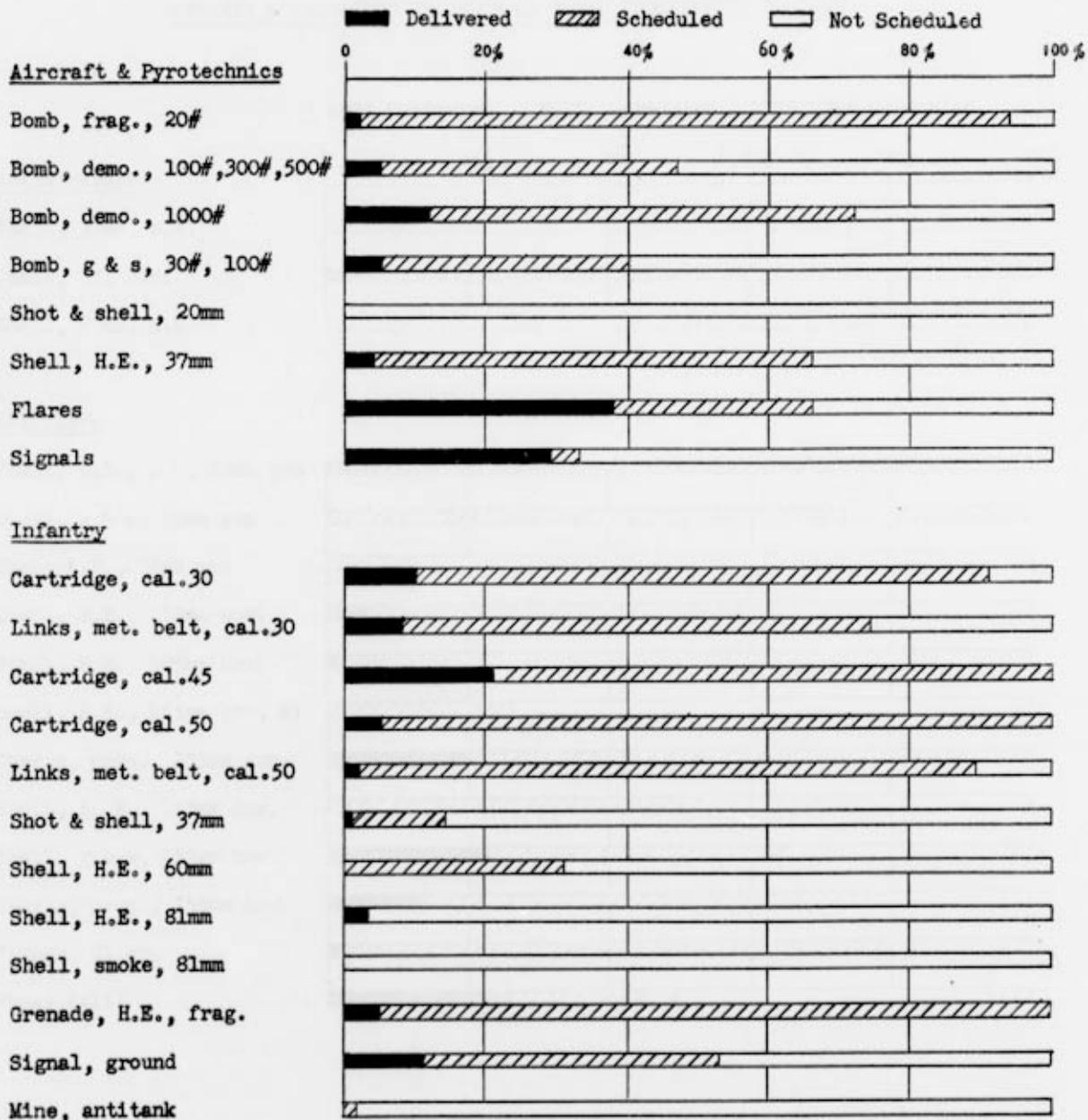
\* Partly tentative.

\*\* Thru July 23.

AMMUNITION - DELIVERIES AND SCHEDULES - JULY 15, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

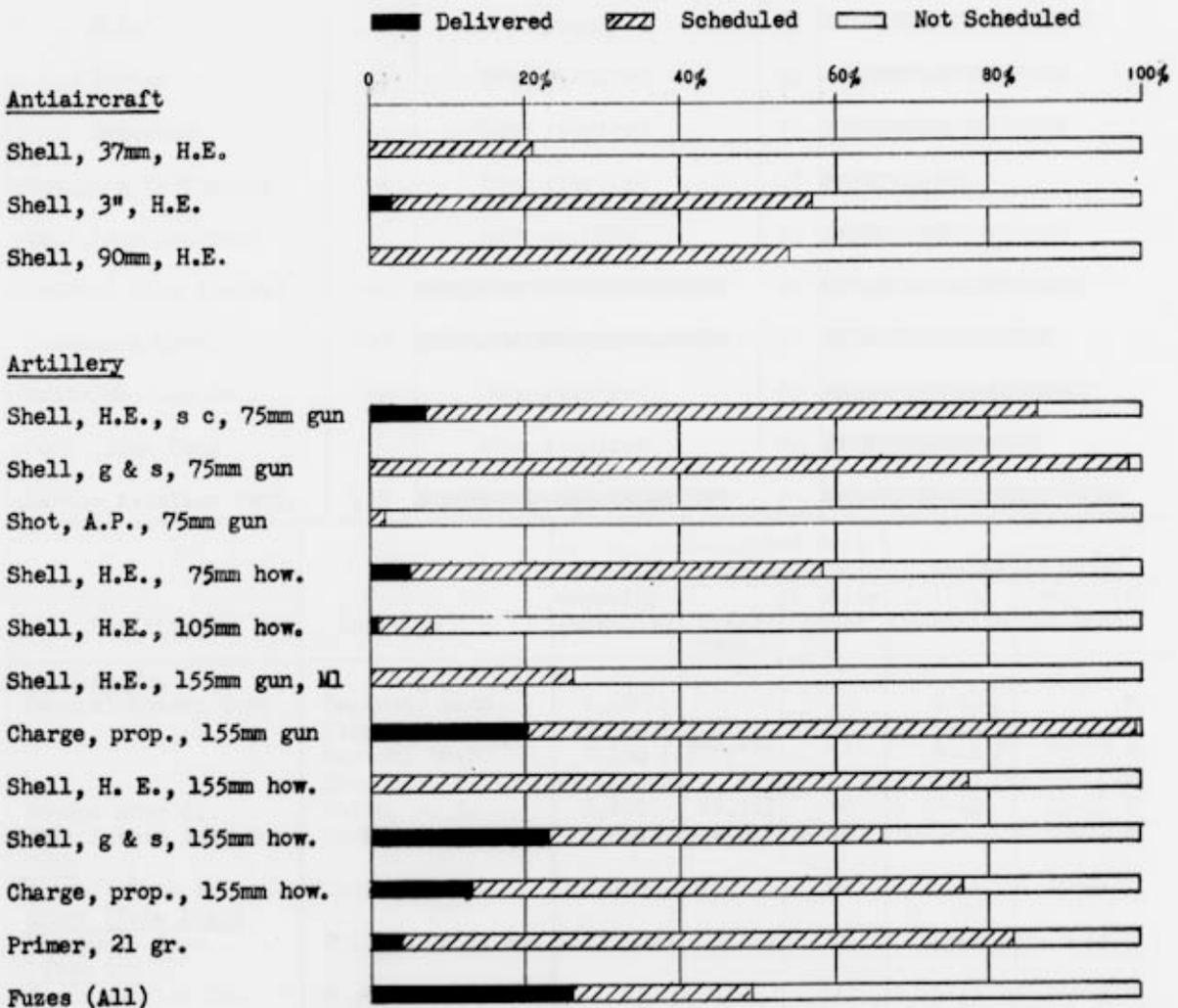
PRESENT & PROJECTED PROGRESS OF TOTAL PROCUREMENT PROGRAM



AMMUNITION - DELIVERIES AND SCHEDULES - JULY 15, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

PRESENT & PROJECTED PROGRESS OF TOTAL PROCUREMENT PROGRAM



NEW FACILITIES - PROGRESS AS OF JULY 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

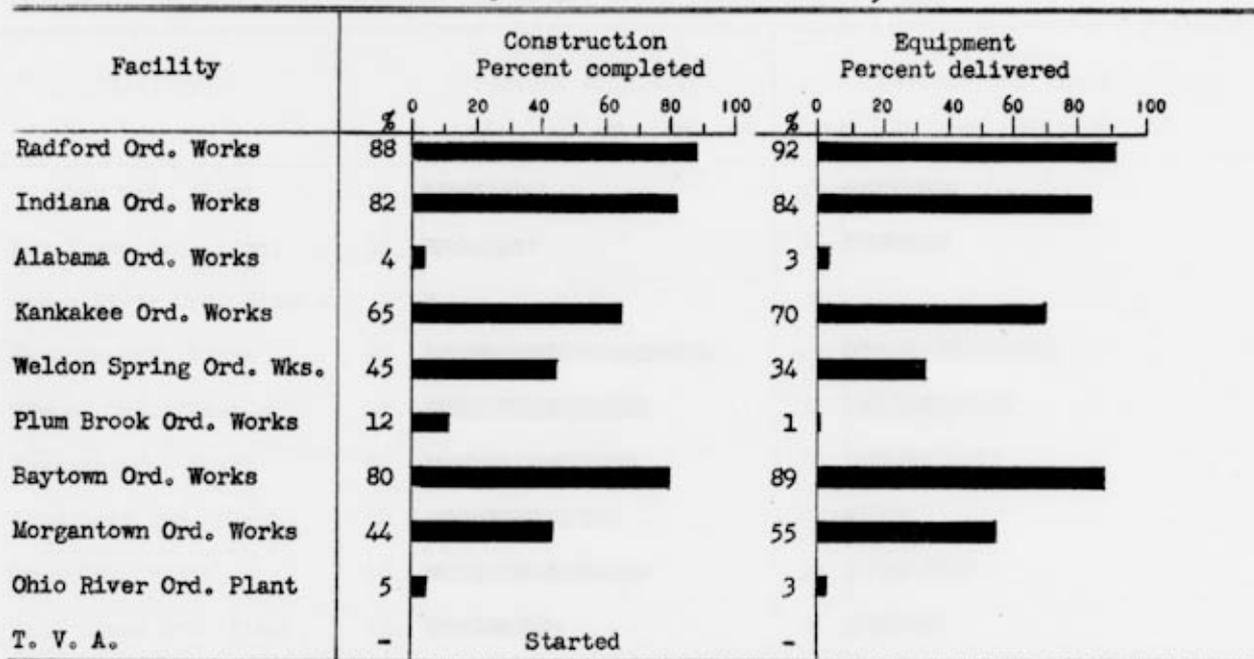
Facility	Construction Percent completed					Equipment Percent delivered						
	0	20	40	60	80	100	0	20	40	60	80	100
General Motors Corp.												
Saginaw	-	None required					82	████████████████████				
Flint	-	None required					87	████████████████████				
Dayton	-	None required					80	████████████████████				
Syracuse	-	None required					79	████████████████████				
Savage Arms Company	-	None required					47	████████████████				
Colt (Machine Gun)	-	None required					80	████████████████████				
Detroit Tank Arsenal	100	████████████████████					85	████████████████████				
Disston & Sons	100	████████████████████					75	████████████████████				
Mesta Machine Co.	-	None required					90	████████████████████				
Colt (37mm Gun)	-	None required					70	████████████████████				
Bendix Aviation Corp.	100	████████████████████					99	████████████████████				

Facility	Location	Planned Capacity (Monthly)	Estimated Cost June 30, 1941		Estimated Month		
			Total (Thous.)	% Obligated	Initial Operation	Completion of Plant	
<u>Machine Gun</u>							
General Motors Corp.	Saginaw, Mich.	1,680	\$21,251	79	4-41	*	
	Flint, Mich.	2,100			5-41	12-41	*
	Dayton, Ohio	2,100			6-41	*	
	Syracuse, N. Y.	840			8-41	*	
Savage Arms Co.	Utica, N. Y.	3,200	16,717	58	7-41	12-41 *	
Colt Patent F.A. Co.	Hartford, Conn.	3,800	4,818	74	-	1-42 *	
<u>Tank</u>							
Detroit Tank Arsenal	Detroit, Mich.	100	18,131	91	7-41	10-41	
<u>Armor Plate Plant</u>							
Disston & Sons	Philadelphia, Pa.	483 tons	1,192	99	4-41	4-41	
<u>155mm Gun</u>							
Mesta Machine Co.	W. Homestead, Pa.	44	1,780	100	5-41	1-42 *	
<u>37 mm Gun</u>							
Colt Patent F.A. Co.	Hartford, Conn.	200	3,940	100	-	3-42 *	
<u>20 mm Gun</u>							
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	-	4-41	8-41	

\* Plant equipment only

NEW FACILITIES - PROGRESS AS OF JULY 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (THOUS.-TONS)	Estimated Cost June 30, 1941		Estimated Month	
			Total (THOUS.)	% Obligated	Initial Operation	Completion of Plant
<u>Smokeless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$ 52,500	91	3-41	8-41
Indiana Ord. Works	Charlestown, Ind.	7.8	114,700	72	4-41	12-41
Alabama Ord. Works	Sylacauga, Ala.	3.8	49,453	33	5-42	4-42
<u>T.N.T. &amp; D.N.T.</u>						
Kankakee Ord. Works	Wilmington, Ill	7.7	48,395	64	5-41	12-41
Weldon Spring Ord. Wks.	Weldon Spring, Mo.	3.3	34,035	35	10-41	10-41
Plum Brook Ord. Works	Sandusky, Ohio	3.1	24,127	18	11-41	2-42
<u>Toluol</u>						
Baytown Ord. Works	Baytown, Texas	2,446*	12,417	85	7-41	9-41
<u>Ammonia</u>						
Morgantown Ord. Works	Morgantown, W. Va.	8.1	38,218	43	11-41	3-42
Ohio River Ord. Plant	W. Henderson, Ky.	4.5	14,721	19	-	6-42
T. V. A.	Muscle Shoals, Ala.	4.5	-	-	12-41	3-42
<u>Ammonium Nitrate</u>						
T. V. A.	Muscle Shoals, Ala.	9.0	9,425	-	9-41	3-42

\* Gallons

NEW FACILITIES - PROGRESS AS OF JULY 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered								
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Hoosier Ord. Plant	38						33							
New River Ord. Plant	35						32							
Coosa River Ord. Plant	3						0							
Gadsden Ord. Plant	89						65							
Elwood Ord. Plant	69						53							
Ravenna Ord. Plant	65						45							
Kingsbury Ord. Plant	60						20							
Iowa Ord. Plant	69						40							
Wolf Creek Ord. Plant	42						28							
St. Louis Ord. Plant	17						12							
Lake City Ord. Plant	59						19							
Denver Ord. Plant	68						1							

Facility	Location	Planned Capacity Monthly (THOUSANDS)	Estimated Cost June 30, 1941		Estimated Month	
			Total (THOUSANDS)	% Obligated	Initial Operation	Completion of Plant
<u>Bag Loading</u>						
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$ 20,380	37	-	10-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,850	56	8-41	10-41
Coosa River Ord. Plant	Sylacauga, Ala.	2.7 Tons	11,736	-	-	9-41
<u>Shell Mach. &amp; Forging</u>						
Gadsden Ord. Plant	Gadsden, Ala.	210	6,520	80	10-41	12-41
<u>Shell Loading</u>						
Elwood Ord. Plant	Wilmington, Ill.	3 Lines	31,910	69	7-41	9-41
Ravenna Ord. Plant	Ravenna, Ohio	3 Lines	38,667	74	7-41	1-42
Kingsbury Ord. Plant	LaPorte, Ind.	5 Lines	31,566	57	7-41	11-41
Iowa Ord. Plant	Burlington, Ia.	3 Lines	35,127	57	9-41	9-41
Wolf Creek Ord. Plant	Milan, Tenn.	4 Lines	23,756	69	8-41	2-42
<u>Small Arms Ammunition</u>						
St. Louis Ord. Plant	St. Louis, Mo.	80,000 Rds.	103,312	28	7-41	9-41
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	29,942	70	6-41	9-41
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	31,771	65	8-41	2-42

TEXT SUMMARY - AIR CORPS TACTICAL OBJECTIVES

Source of Information: Statistics Section - Air Staff - Army Air Forces

The Army Air Forces have as an immediate problem the attaining of two tactical objectives. The first aviation objective is the 54 group program (modified). The second aviation objective is the 84 group program. These two objectives generally replace the former PMP requirements established for the Air Corps while it was still under the immediate jurisdiction of G-4.

To meet aviation tactical objectives, there are included only those planes which, in the Air Staff's judgment, are suitable for tactical purposes in the light of the latest developments and experiences in actual warfare. Planes at first considered suitable may be reclassified in view of changing standards so that units now counted toward attainment of the objective may later be discarded. Attainment of the objectives is also governed by other factors such as physical losses, condemnations, furnishing of planes to service schools and transfers for resale to foreign governments. Attrition caused by all these factors has been considered on the tactical diagrams which follow. No allowance, however, has been made for possible release of planes to foreign nations.

The diagrams which follow show only the present status of the first objective for tactical types. All planes included therein are suitable for hemisphere defense but not all are suitable for the active theater of operations.

A tabulation of the two objectives is given below and a more detailed tabulation of the first objective appears on the next page. It is to be noted that the second objective includes planes in the first. No attempt is to be made to obtain the reserves listed until the entire program is frozen with no subsequent objectives contemplated.

Type	1st Aviation Objective			2nd Aviation Objective		
	Initial Requirement	25% Reserve	Total	Initial Requirement	25% Reserve	Total
Heavy bomber	498	125	623	1645	411	2056
Medium bomber	453	113	566	1068	267	1335
Light bomber	438	110	548	780	195	975
Pursuit, fighter	400	100	500	650	163	813
Pursuit, interceptor	1590	398	1988	2465	616	3081
Observation	461	115	576	473	118	591
Photographic	78	20	98			
Amphibian	66	17	83	144	36	180
Transport	252	63	315	448	112	560
Total	4236	1061	5297	7673	1918	9591

TABULAR SUMMARY - ARMY'S FIRST AVIATION OBJECTIVE

Source of Information: Statistics Section - Air Staff - Army Air Forces

4006 Airplane Program Modified  
(54 Group Program Modified)

TYPE	SQUADRONS PER GROUP	AIRPLANES PER SQUADRON	ADDITIONAL AIRPLANES FOR HEADQUARTERS SQUADRON	TOTAL AIRPLANES PER GROUP	TOTAL NUMBER GROUPS	ADDITIONAL AIRPLANES IN COMPOSITE GROUPS	TOTAL AIRPLANES
Heavy bomber	4	8	3	35	14	8 (1 sq.)	498
Medium bomber	4	13	5	57	7	54 (3 sqs.)	453
Light bomber	4	13	5	57	7	39 (3 sqs.)	438
Pursuit, inter.	3	25	5	80	18	150 (6 sqs.)	1590
Pursuit, fighter	3	25	5	80	5		400
Reconnaissance & Photographic							78
Observation							461
Amphibian							66
Transport	3	12	2	38	6	24 (2 sqs.)	252
Composite					3		Included above
Total					60		4236

Note: One Reconnaissance Squadron is included in each Heavy Bombardment and Medium Bombardment Group, and each Light Bombardment Group.

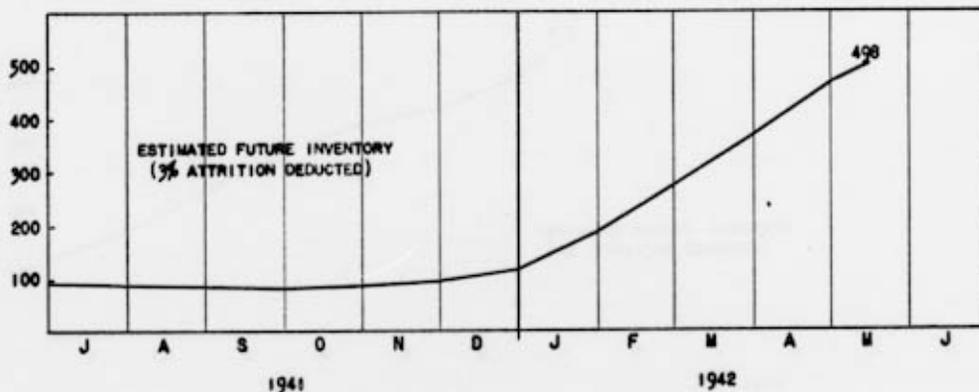
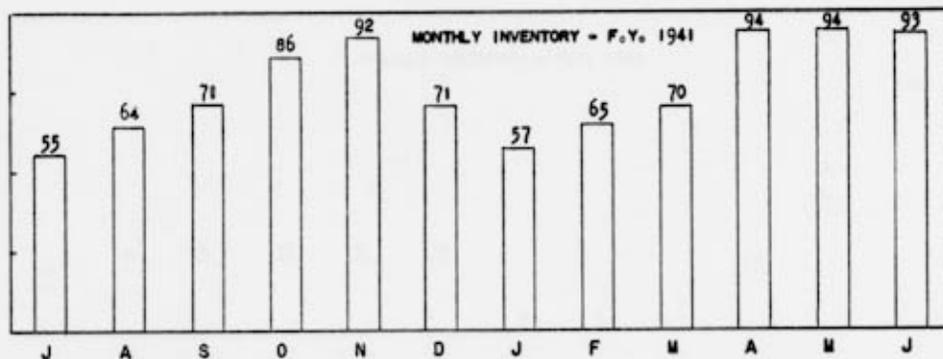
Original 4006 Program changed by addition of 2 Pursuit Squadrons in Philippines and bringing Fighter Groups up to 80 airplanes per group.

Progress toward attaining objectives for combat types is reflected on diagrams which follow.

HEAVY BOMBER -- FIRST AVIATION OBJECTIVE - AS OF JUNE 30, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS: 498



TYPES SUITABLE TO JANUARY 1941: B-17 SERIES & B-24 SERIES.

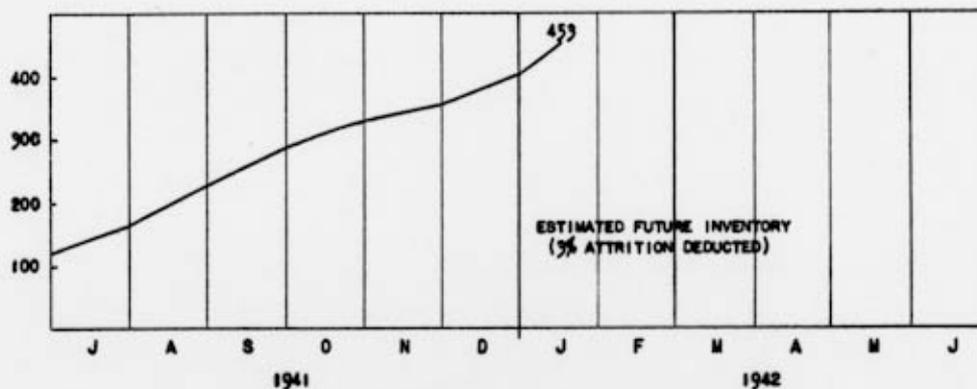
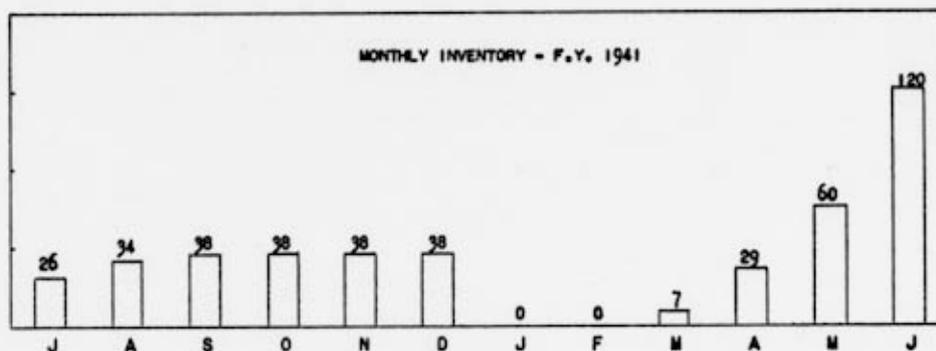
TYPES SUITABLE AFTER JANUARY 1941: B-17E, B-17C, B-17D, B-17E, & B-24.

UNDERLINED TYPE SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

MEDIUM BOMBER - FIRST AVIATION OBJECTIVE - AS OF JUNE 30, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENT: 453



TYPES SUITABLE TO JANUARY 1941: B-23, B-25 SERIES, & B-26 SERIES.

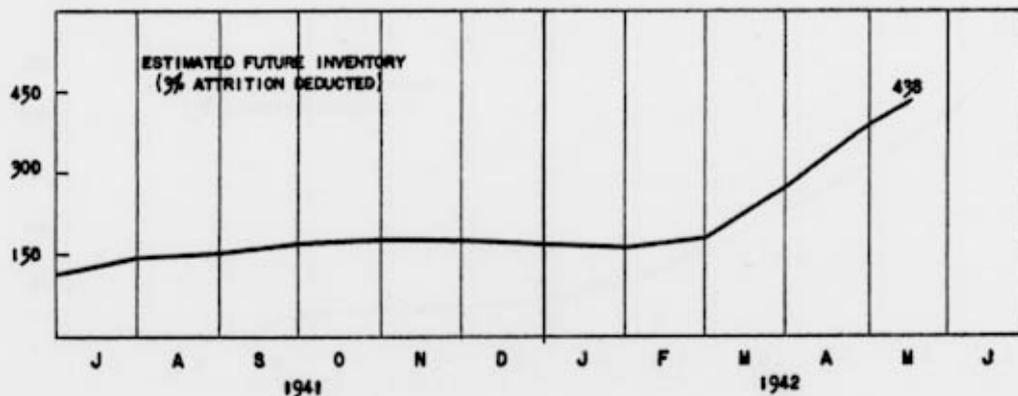
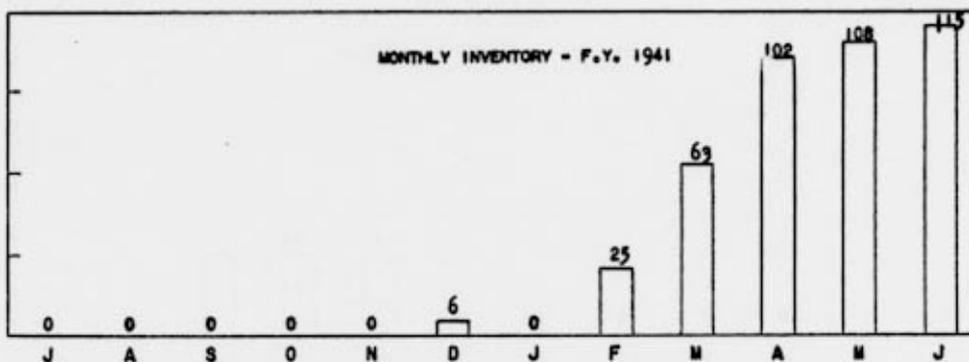
TYPES SUITABLE AFTER JANUARY 1941: B-25A, B-25B, B-25C, & B-26 SERIES.

UNDERLINED TYPE SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

LIGHT BOMBER - FIRST AVIATION OBJECTIVE - AS OF JUNE 30, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS: 438



TYPES SUITABLE TO JANUARY 1941: A-20, A-20A, A-24, & A-25.

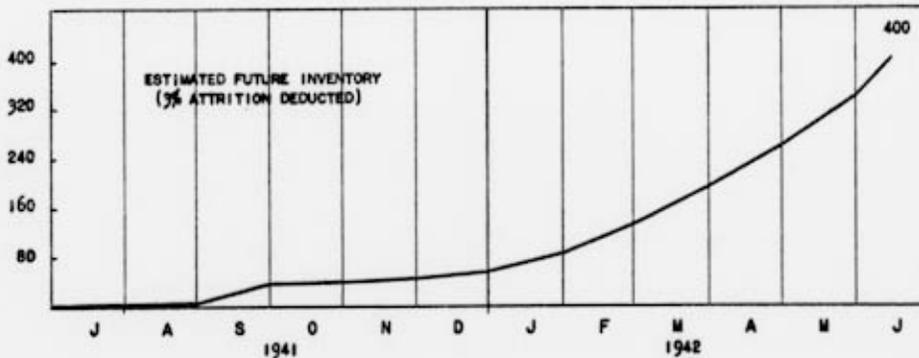
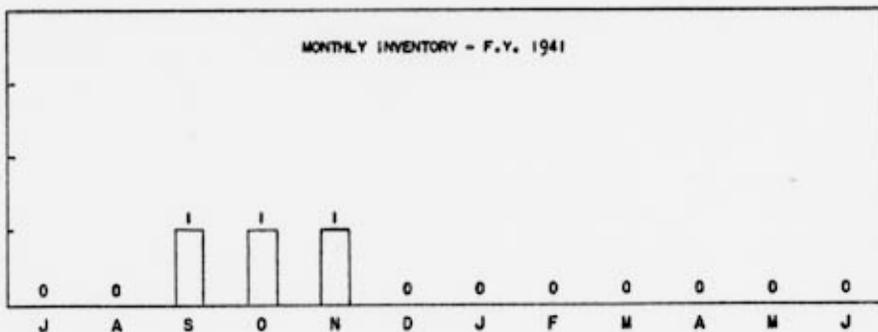
TYPES SUITABLE AFTER JANUARY 1941: A-20, A-20A (AFTER 15TH ARTICLE), A-20B, A-24, & A-25.

UNDERLINED TYPE SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

PURSUIT FIGHTER - FIRST AVIATION OBJECTIVE - AS OF JUNE 30, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENTS : 400



TYPES SUITABLE TO JANUARY 1941: P-38 SERIES & P-51.

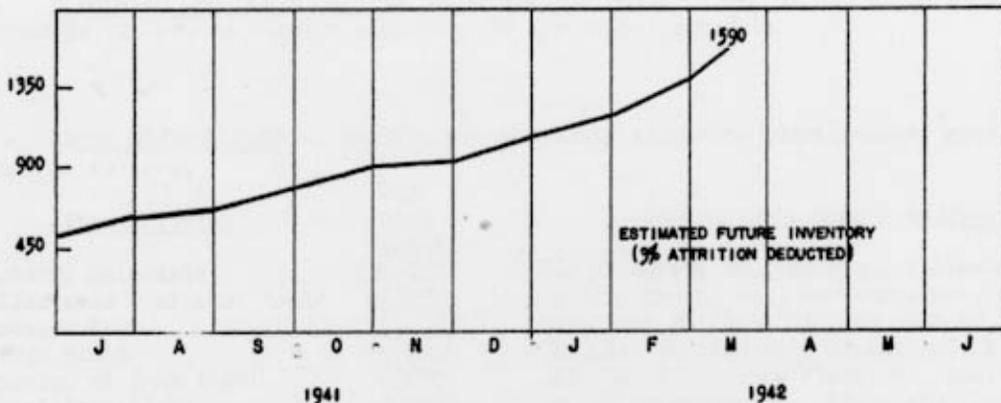
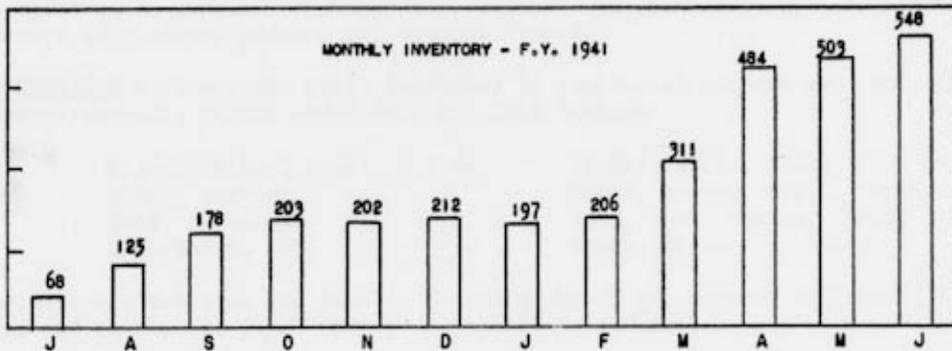
TYPES SUITABLE AFTER JANUARY 1941: P-38D, P-38E, & P-51.

ALL TYPES SUITABLE FOR ACTIVE THEATRE OPERATION.

PURSUIT INTERCEPTOR - FIRST AVIATION OBJECTIVE - AS OF JUNE 30, 1941

Source of Information: Statistics Section - Air Staff - Army Air Forces

INITIAL REQUIREMENT: 1590



TYPES SUITABLE TO JANUARY 1941: P-39 SERIES, P-40 SERIES, P-47B, & P-64.

TYPES SUITABLE AFTER JANUARY 1941: P-390, P-40, P-40B, P-400, P-40E, P-40F, P-47B, & P-64.

UNDERLINED TYPES SUITABLE FOR HEMISPHERE DEFENSE BUT NOT FOR ACTIVE THEATRE OF OPERATIONS.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - July 31, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of July 15, 1941, contract awards have been made on all of the 132 critical and essential quartermaster items. Of the total programs of the 132 items an average of ninety-six percent has been contracted and an average of seventy-eight percent has been procured; the latter figure includes transfers from CCC stocks. Of the thirty-five items which are being procured under the \$150,000,000 Deficiency Appropriation, an average of ninety-nine percent has been completely contracted, and an average of nineteen percent has been delivered.

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

Shirt, cotton, khaki, 8.2 oz.	Cloth, cotton, khaki, 8.2 oz.
Shoes, service	Cloth, cotton, twill, tentage, 10.25 oz.
Tent, pyramidal	Duck, tent, cotton, khaki, 7.90 oz.
Undershirt, wool	Pouch, first-aid packet

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

DELIVERIES -- During the quarter-monthly period ended July 15, 1941, deliveries were effected on all but 48 of the 132 items; of these 20 items have been completely procured; 17 are on schedule; 2 have no current schedule, and 9 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 132 basic items, 91 are on or ahead of schedule; 2 have no current schedule; 39 are behind schedule.

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

<u>Item affected</u>	<u>Man days lost*</u>	<u>Contractor's Name &amp; Address</u>
Constr. Materials	150,000	U. S. Gypsum Co., Chicago, Illinois
Files, axes & similar tools	22,230	Heller Bros., Co., Newcomerstown, Ohio
Dressed Meat	9,100	New York Butchers Dressed Meat Co., N.Y.C
Serge Cloth	6,720	Premier Worsted Co., Woonsocket, R. I.
Constr. of Arms Plant	6,000	St. Louis Ordnance Plant, St. Louis, Mo.
Metal Partitions	5,950	E. J. Hauserman Co., Cleveland, Ohio
Overshoes	5,500	Converse Rubber Co., Malden, Mass.
Raincoats	4,900	Atlas Powder Co., Stamford, Conn.
Motor Vehicle Parts	4,400	Rockford Drop Forge, Rockford, Ill.
Trousers	3,000	McLaren Sportswear Inc., Phillipsburgh, Pa.
Wool Cloth	280	Barbour Welting Co., Brocton, Mass.
Steel	unknown	Great Lakes Steel Corp., Ecorse, Mich.

\*Based on six working days per week

TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - July 15, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of July 15, 1941, contracts have been awarded for 223,428 vehicles of all types, obligating funds to the extent of 306 million dollars. The combined programs are currently estimated to total 244,027 vehicles of which 92 percent has been contracted and 49 percent delivered. These amounts include 9,917 vehicles being procured by the Q.M.C. for the Supply Arms and Services, for which funds have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 1,684 vehicles. These vehicles consist of the following:

1,684	1½ Ton Trucks
523	2½ Ton Trucks
120	5-6 Ton Trucks
12	Semi-Trailers

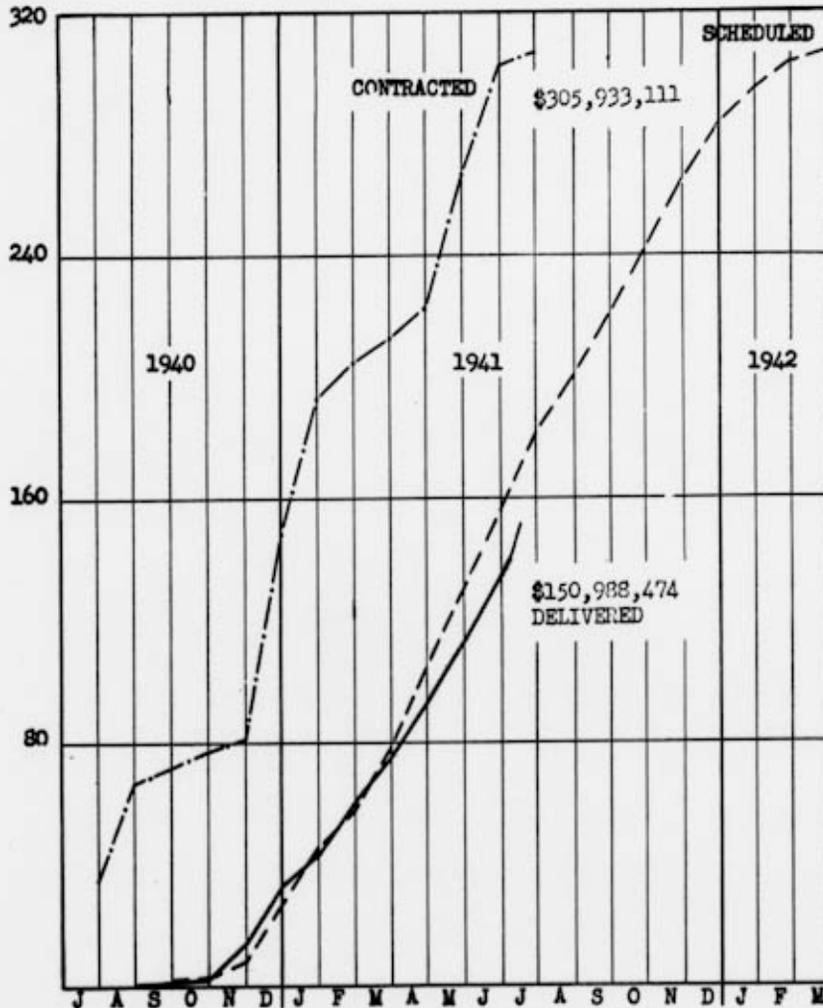
DELIVERIES -- During the period ended July 15, 1941 deliveries were reported on 4,701 vehicles of all types. This brings the cumulative delivery figure to 118,354 which is 49 percent of the combined programs, the cost to date of cumulative deliveries amounting to 151 million dollars.

SCHEDULES AND DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 123,137 vehicles were scheduled for delivery by July 15, 1941. This figure represents 50 percent of the current proposed procurement. Based on estimated schedules, 10,800 vehicles distributed among 17 manufacturers are behind schedule; 6,017 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 4,783 vehicles.

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

Source of Information: OQMG - Statistics Branch, OUSW

\$  
MILLIONS



Quartermaster Corps

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

Source: Statistics Branch, OQMG - OUSW

Percentage of construction in place for all Q.M. emergency construction projects based on latest estimated total cost of \$1,630,368,436 is 66% (\$1,079,860,856).

Percentage of contracts awarded of total funds available (\$2,164,148,082) is 45% (\$981,057,012).

As of July 12, 1941, of 50 Camps and Cantonments under construction with a troop housing capacity of 947,724 at a cost of \$627,181,510, 35 are from 96% to 100% complete. These 35 projects have a capacity of 815,548 (61% of total capacity); their estimated completion cost is \$491,252,758 (30% of total estimated cost).

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

			<u>Cost</u>	<u>Capacity</u>
110 projects were completed	by June , 1941	\$	365,353,782	670,098
130 " are scheduled for completion	by July , 1941		480,234,037	803,429
200 " " " " "	by Aug. , 1941		630,328,723	961,245
323 " " " " "	by Sept. , 1941		850,519,099	1,132,434
417 " " " " "	by Oct. , 1941	1,022,733,049		1,237,889
437 " " " " "	by Nov. , 1941	1,086,628,659		1,304,342
457 " " " " "	by Dec. , 1941	1,271,072,650		1,327,809
463 " " " " "	by Jan. , 1942	1,316,383,001		1,327,809
472 " " " " "	by Feb. , 1942	1,357,123,898		1,327,922
481 " " " " "	by Mch. , 1942	1,411,405,436		1,328,921
494 " " " " "	by Apr. , 1942	1,469,830,225		1,328,921
501 " " " " "	by May , 1942	1,503,108,839		1,331,004
514 " " " " "	by June , 1942	1,603,482,082		1,342,848
515 " " " " "	by July , 1942	1,605,293,877		1,342,848
520 " " " " "	by Aug. , 1942	1,610,659,288		1,343,716
Schedules on 3 are unknown			1,561,155	

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

			<u>Cost</u>
2 projects were completed	by June , 1941	\$	378,000
5 " are scheduled for completion	by July , 1941		2,376,526
12 " " " " "	by Aug. , 1941		56,000,816
21 " " " " "	by Sept. , 1941		161,514,804
32 " " " " "	by Oct. , 1941		239,350,915
37 " " " " "	by Nov. , 1941		249,532,925
49 " " " " "	by Dec. , 1941		398,590,876
53 " " " " "	by Jan. , 1942		441,462,011
58 " " " " "	by Feb. , 1942		476,435,162
64 " " " " "	by Mch. , 1942		525,263,706
70 " " " " "	by Apr. , 1942		583,063,508
73 " " " " "	by May , 1942		608,670,470
79 " " " " "	by June , 1942		650,234,135
80 " " " " "	by July , 1942		652,045,930

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

Source: Statistics Branch, OQMG - OUSW

Of 558 Q.M. construction projects, with a total estimated cost of \$1,630,368,436:

	Cost	
523 projects are started	\$1,615,220,443	(99% of total cost)
110 projects are completed	365,353,782	(22% of total cost)
26 projects are ahead of schedule	161,107,048	(10% of total cost)
333 projects are on schedule*	856,505,784	(53% of total cost)
54 projects are behind schedule	232,253,829	(14% of total cost)
35 projects are not started	15,147,993	(1% of total cost)

Of the 26 projects ahead of schedule, with an estimated cost of \$161,107,048:

9 are from 5-10% ahead	\$32,557,323	(20% of \$161,107,048)
11 are from 11-20% ahead	105,382,089	(66% of \$161,107,048)
6 are over 20% ahead	23,167,636	(14% of \$161,107,048)

Of the 54 projects behind schedule, with an estimated cost of \$232,253,829:

29 are from 5-10% behind	\$115,827,827	(50% of \$232,253,829)
19 are from 11-20% behind	111,770,569	(48% of \$232,253,829)
6 are over 20% behind	4,655,433	(2% of \$232,253,829)

Of the 558 Q.M. construction projects, 269 (48%) provide a troop housing capacity of 1,345,518 at an estimated cost of \$852,427,428 (52% of total estimated Q.M. construction cost).

Of the 269 projects providing troop housing:

	Capacity	
262 projects are started	1,343,716	(99% of total)
96 projects are completed	670,098	(50% of total)
15 projects are ahead of schedule	75,966	(6% of total)
134 projects are on schedule*	576,573	(43% of total)
17 projects are behind schedule	21,079	(1% of total)

Of the 17 projects behind schedule, with a troop capacity of 21,079:

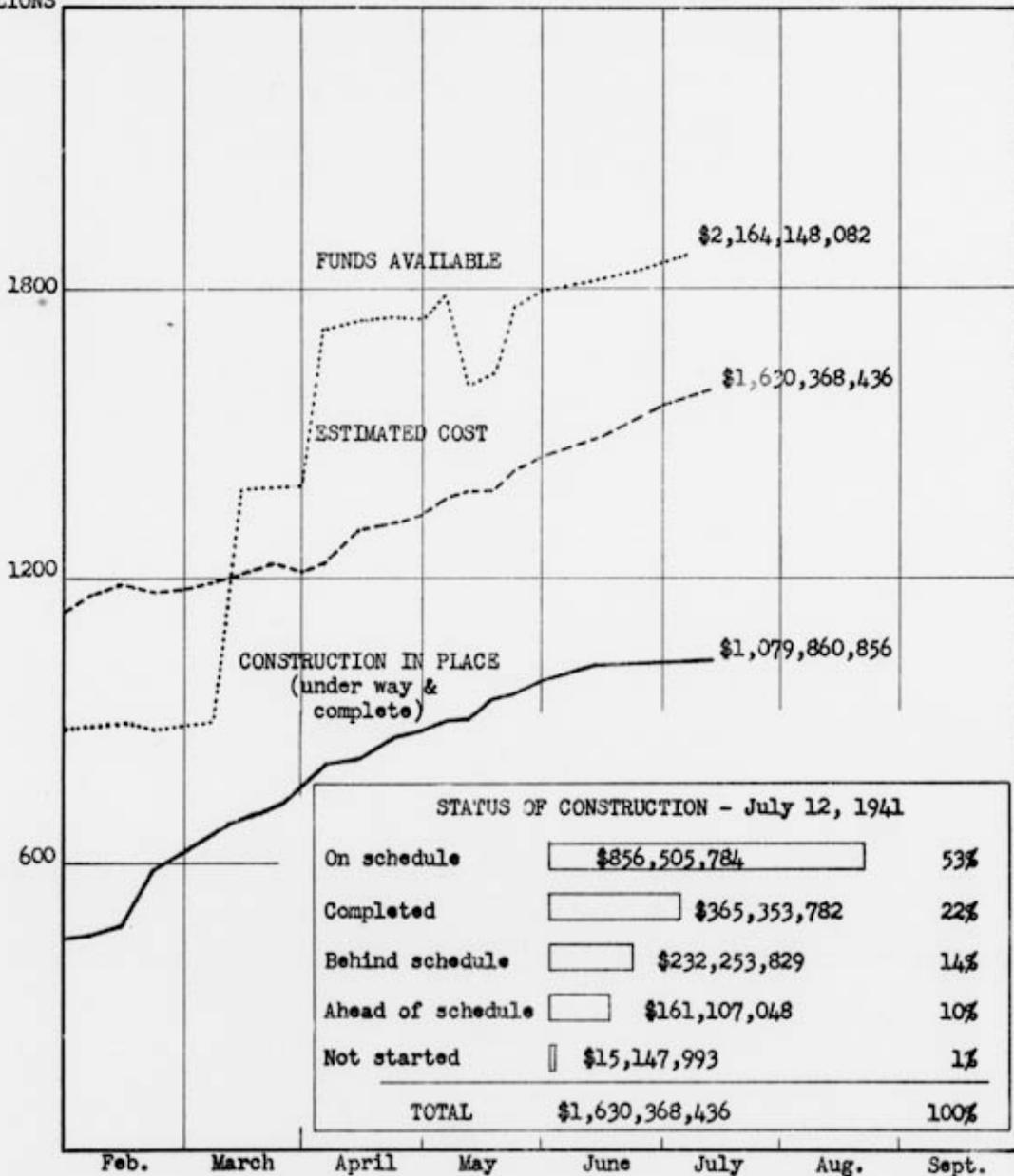
8 are from 5-10% behind	9,005	(43% of 21,079)
6 are from 11-20% behind	10,035	(48% of 21,079)
3 are over 20% behind	2,039	(9% of 21,079)

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

Q.M.C. - CUMULATIVE CONSTRUCTION PROGRESS - July 12, 1941

Source: Construction Division, OQMG - Statistics Branch, OUSW

\$  
MILLIONS



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 26, 1941

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

This report pertains to progress on Signal Corps procurement of ground equipment. The report for the week ended August 2 will cover aircraft signal equipment.

PROGRAM - Contracts covering F.Y. 1942 procurement are now being awarded and program figures referred to in this report have been revised to include quantities of critical items, authorized for purchase under both the F.Y. 1941 and F.Y. 1942 programs. F.Y. 1940 procurement has been substantially completed and is no longer carried as a part of the program.

STATUS OF CONTRACTS - Only two critical items on the F.Y. 1941 program remain to be contracted. These items are awaiting clearance of specifications and it may be sometime before awards are made. All Telephones EE-8 and Radio Test Sets I-56 on the F.Y. 1942 program were placed under contract last week. These were the first awards on the new program.

DELIVERIES - Deliveries of aircraft warning devices, last week, were the most favorable reported for any week to date. A total of 41 sets was received compared with 13 sets delivered in the previous week.

The delivery of ground radio sets continues to be delayed by the shortage of minor parts and accessories. A total of 4,787 ground sets of various types are awaiting delivery or acceptance of these items. Reports indicate definite improvement in this situation within a month.

Delays in the delivery of ground signal items, other than radio, are due mainly to lack of raw materials, particularly aluminum. The Signal Corps is rendering small contractors every assistance possible to eliminate their difficulties.

LABOR DIFFICULTIES - Strikes at New Jersey Galvanizing and Roebling & Sons have been settled. Dispute at Breeze Corporation has been settled by the Mediation Board.

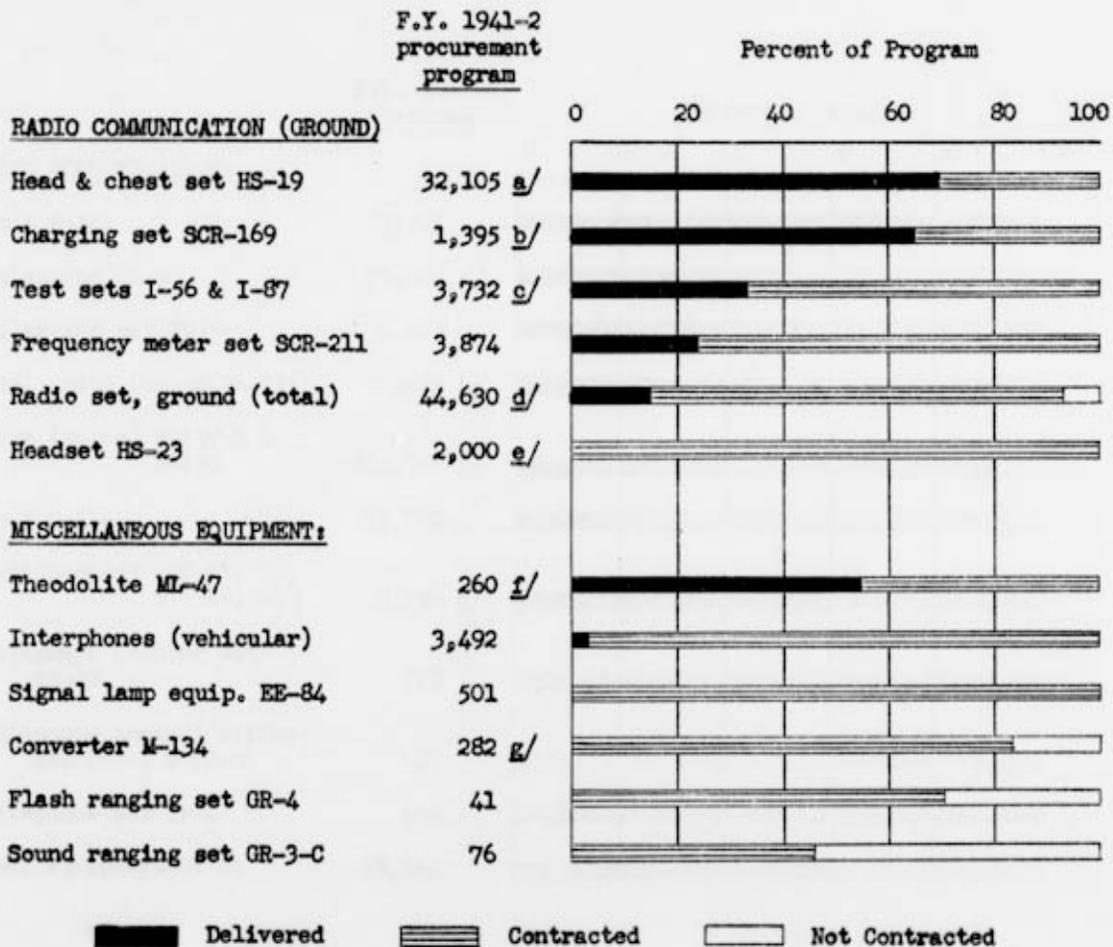
A strike at the plant of Indiana Steel Products, Valparaiso, Ind., was reported July 23. This company manufactures parts for telephones, magnetos and other instruments vital to the Signal Corps.

DIAGRAMS - STATUS OF PROCUREMENT - The diagrams on pages 33 and 34 show the procurement status of representative items of ground signal equipment. For this presentation, these items have been placed in three groups indicative of the purpose for which the equipment is intended.

DIAGRAMS - PROGRESS OF DELIVERIES - Diagrams on pages 35 and 36 show deliveries of selected critical items of Signal Corps equipment compared with delivery schedules. Items have been selected as representative of the entire procurement program.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 26, 1941

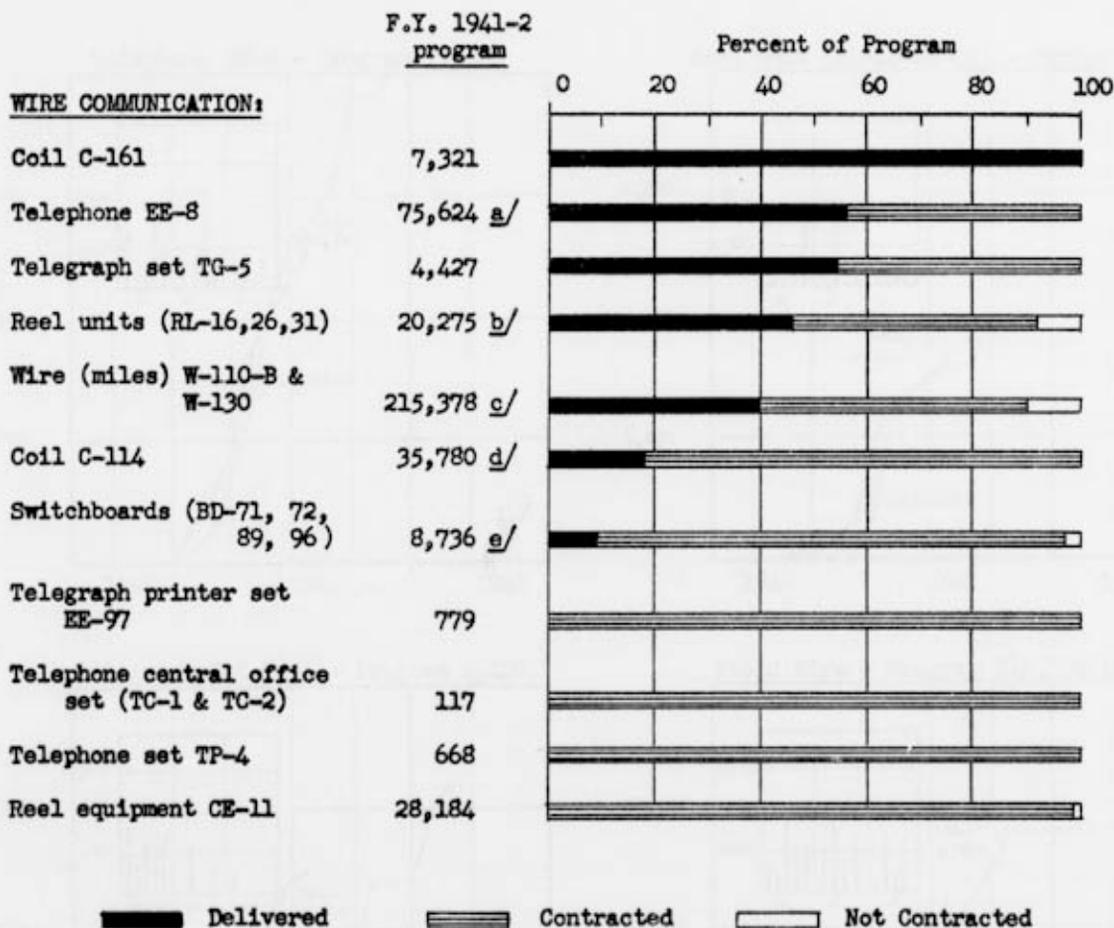
Source of Information: Office of the Chief Signal Officer, Supply Division



a/ Includes 723 for TG-5; 260 for Marine Corps; b/ Includes 50 for spare parts;  
c/ Includes 206 for plant and traffic; d/ Includes 10 SCR-268 and 5 SCR-270 for  
 Navy; 3 SCR-268 for Signal Corps Laboratories; e/ For the Armored Force;  
f/ Includes 21 for the Air Corps; g/ Includes 22 for Administrative purposes.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 26, 1941

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

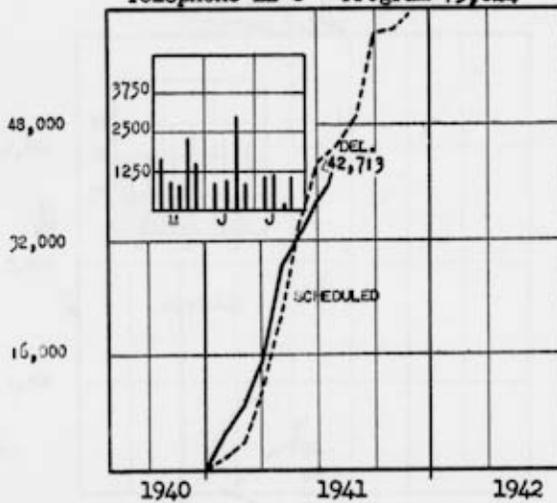


a/ Includes 72 for GR-4-; 1,000 for Marine Corps; b/ Includes 30 for Marine Corps;  
c/ Includes 9,500 miles for Marine Corps; d/ Includes 200 for Marine Corps;  
e/ Includes 20 BD-71 and 40 BD-72 for Marine Corps.

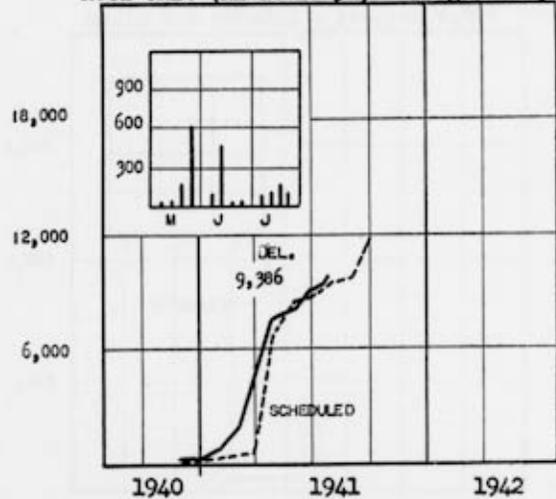
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - JULY 26, 1941

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

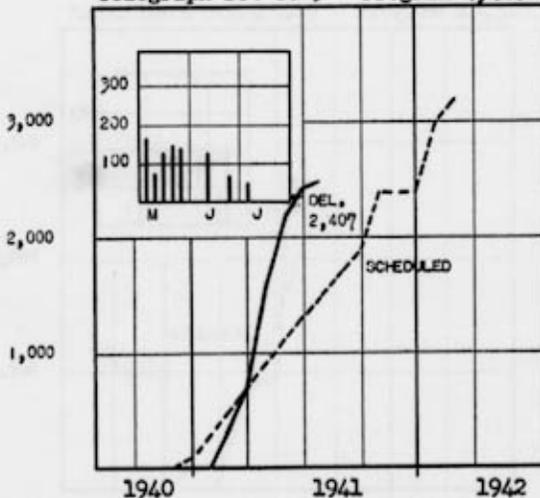
Telephone EE-8 - Program 75,624



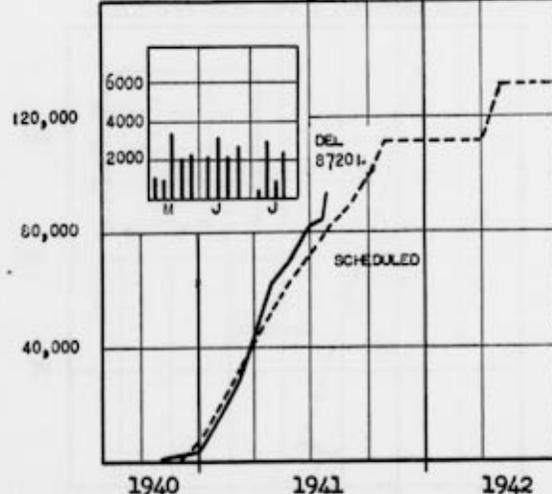
Reel Unit (RL-16-26-31) - Program 20,275



Telegraph Set TG-5 - Program 4,427



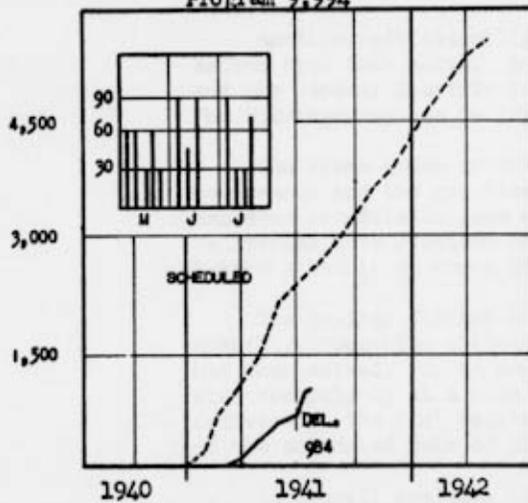
Field Wire - Program 215,378 (miles)



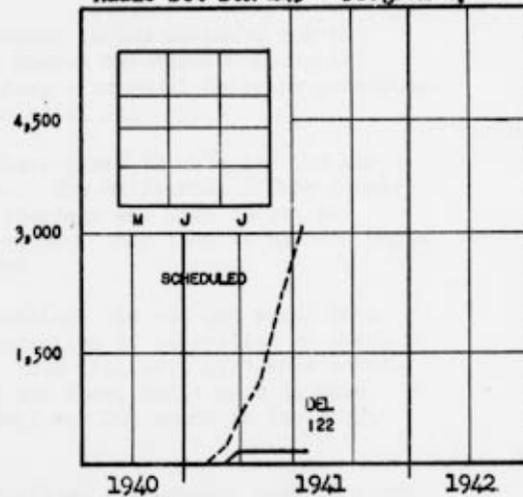
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT - JULY 26, 1941

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

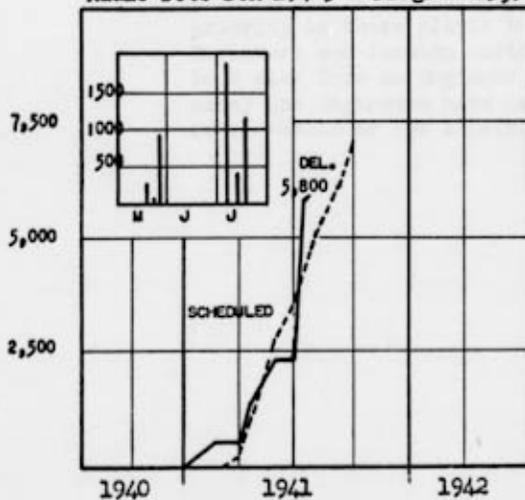
Frequency Meter Set SCR-211  
Program 9,994



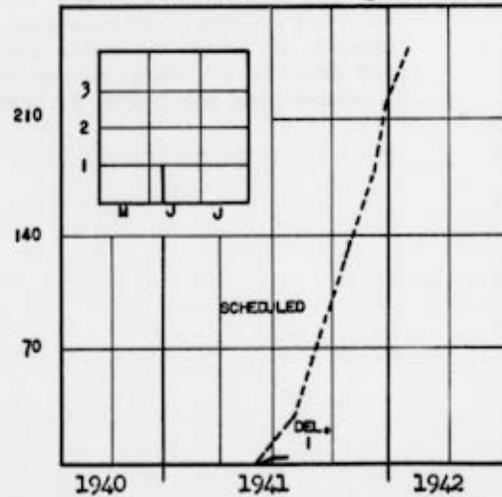
Radio Set SCR-245 - Program 4,671



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



Radio Set SCR-197 - Program 271



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

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

During the month of July the program of Engineer procurement has been progressing rather slowly. There are only about 10 items which are active, the remaining 40 either having their programs completed or waiting for new contracts to start. Deliveries were received on only 8 items during the period since the last report.

Anti-aircraft searchlights dropped behind schedule for the second time this month. Both the Sperry Gyroscope Corporation and the General Electric Company failed to equal delivery schedules. The shortage amounts to 179 lights as of July 23.

Two items which in the past have given trouble are the air compressor and the gasoline hammer. The deliveries of the former exceeded schedule so some of the shortage was made up but no deliveries were received on the hammer. This item is now 250 units behind schedule or about 25 percent.

The trailer for the 60" searchlight has not yet swung into quantity production although the question of priorities on steel has been solved. Of an order for 3800 trailers, 1125 were scheduled for July 23 at a rate of 125 per week, while only 44 were delivered. The last week's delivery was 20, which is far short of the scheduled rate of 125.

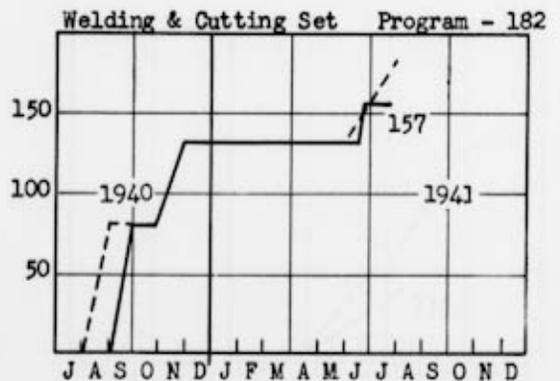
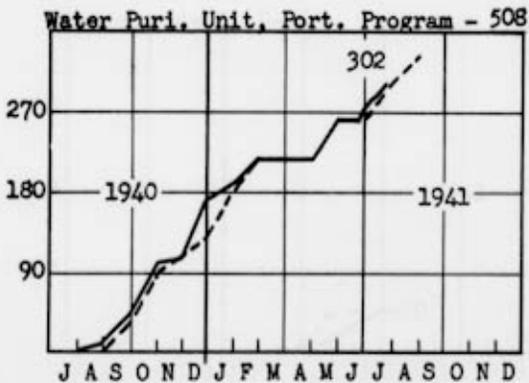
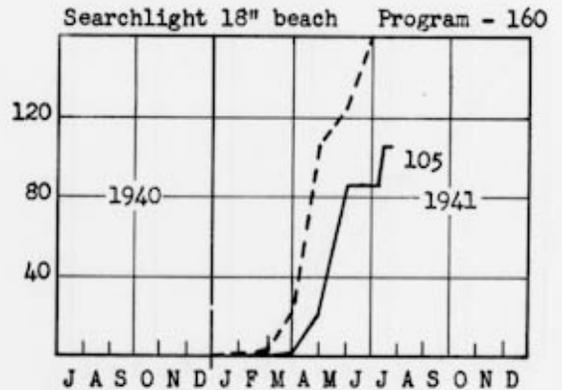
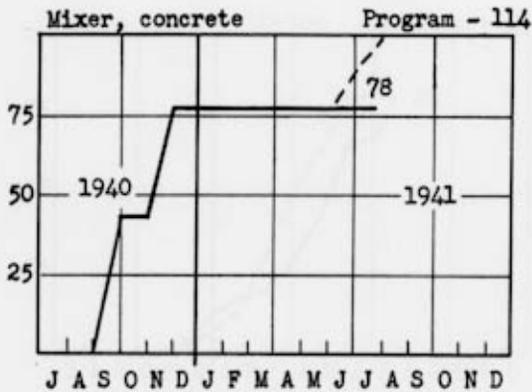
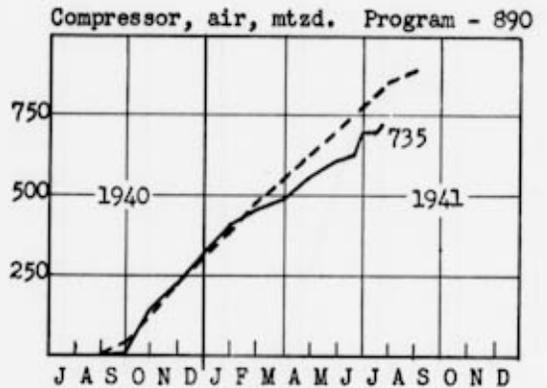
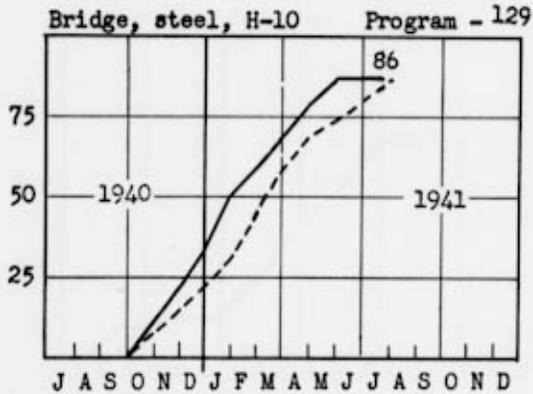
An overall analysis of the Engineer procurement program gives us this picture. As a whole the Engineers are over the top in supplying the initial needs of the army for engineer materiel, so British orders and Defense Aid orders have been given a higher priority in those plants which are manufacturing for both the Engineers and foreign customers. This situation makes the program look slow from an Engineer viewpoint but is caused by the fact that money the Engineers have left to spend is either for maintenance requirements or for a larger army.

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 23, 1941

Source of Information: Office of the Chief of Engineers

Scheduled - - -

Delivered - - -



CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 23, 1941

Source of Information: Office of the Chief of Engineers

Scheduled - - - -

Delivered - - - -

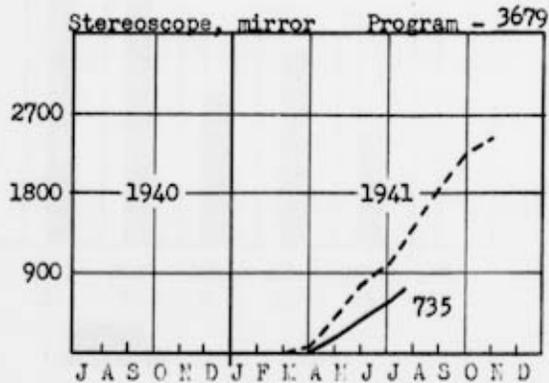
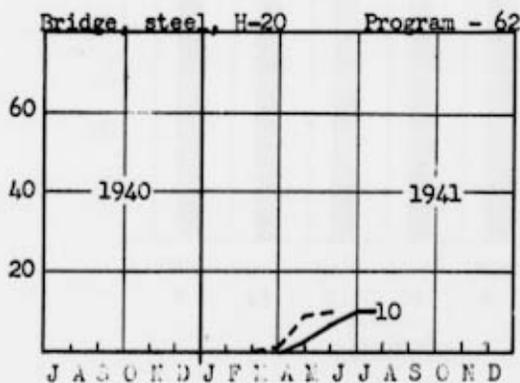
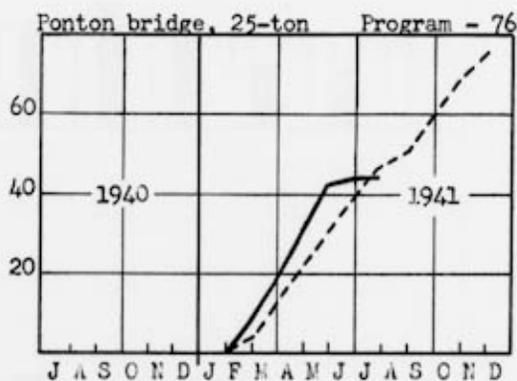
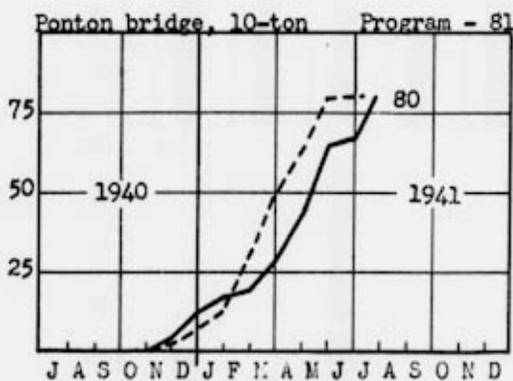
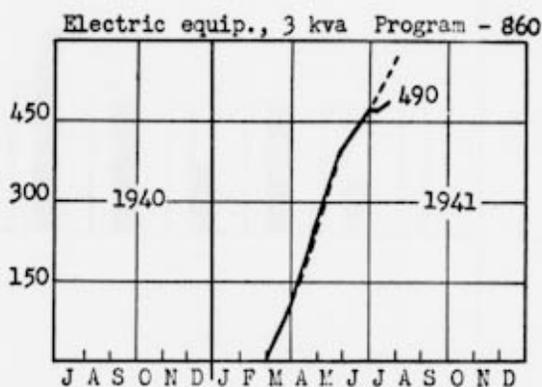
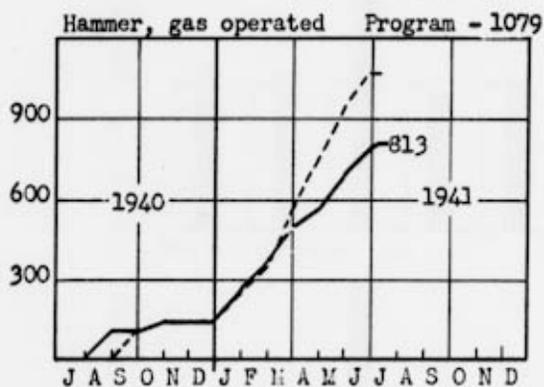
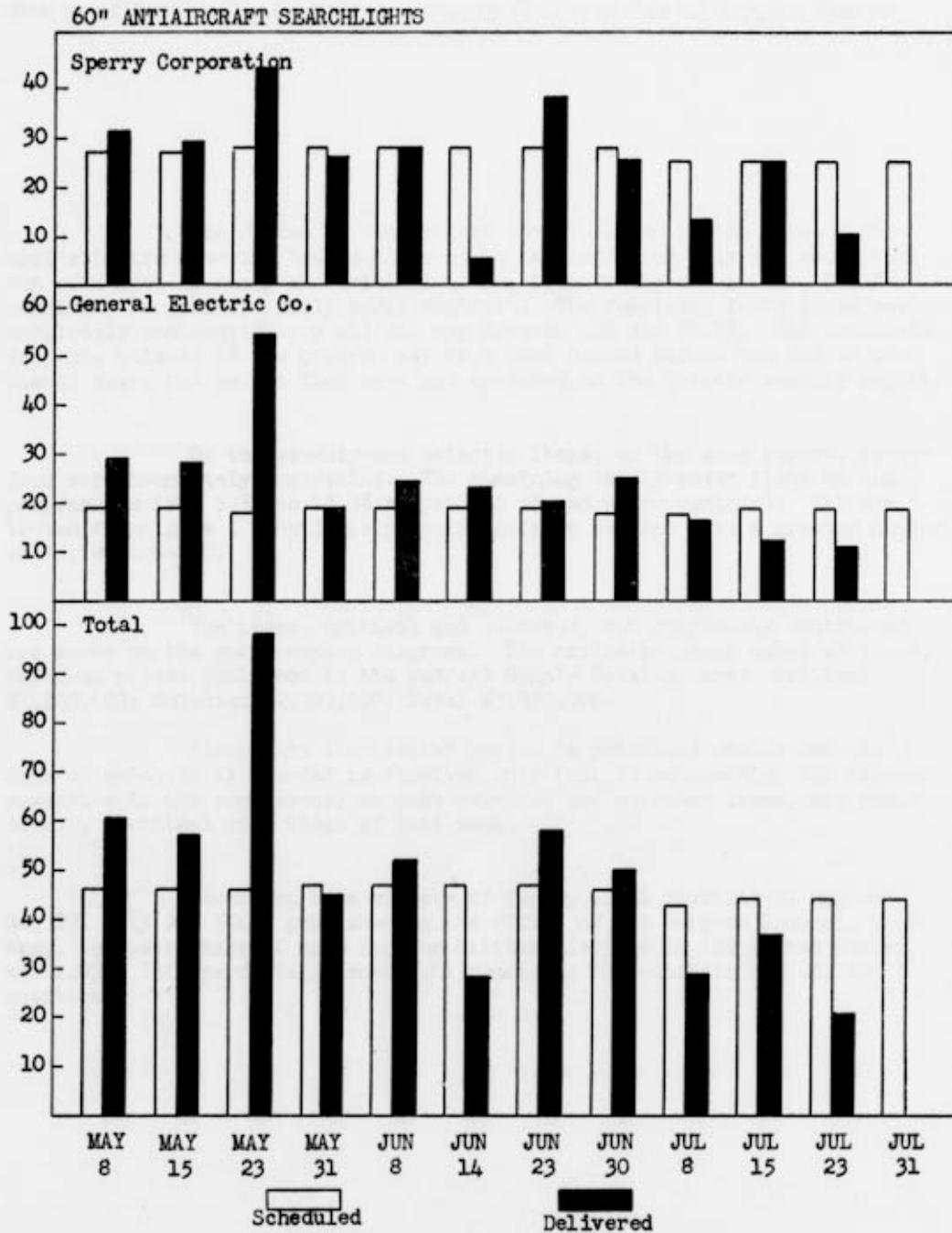


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 23, 1941

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED AUGUST 2, 1941

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

The Status of Procurement Report issued by the Surgeon General's Office covering transactions up to and including July 15, shows that out of a list of sixty-one critical items, only twenty-one in the 1941 Expenditure Program are fully under contract. The remaining forty items not completely contracted vary all the way between .8% and 66.7%. The contracts for this balance of the program may have been placed before the end of the fiscal year, but as yet they have not appeared on the quarter monthly report.

Of the seventy-one selected items, on the same report, forty-four were completely contracted. The remaining twenty-seven items on the program are from 5.3% to 63.3% as yet not placed under contract. The selected items give a considerably better picture as they have a greater number wholly contracted.

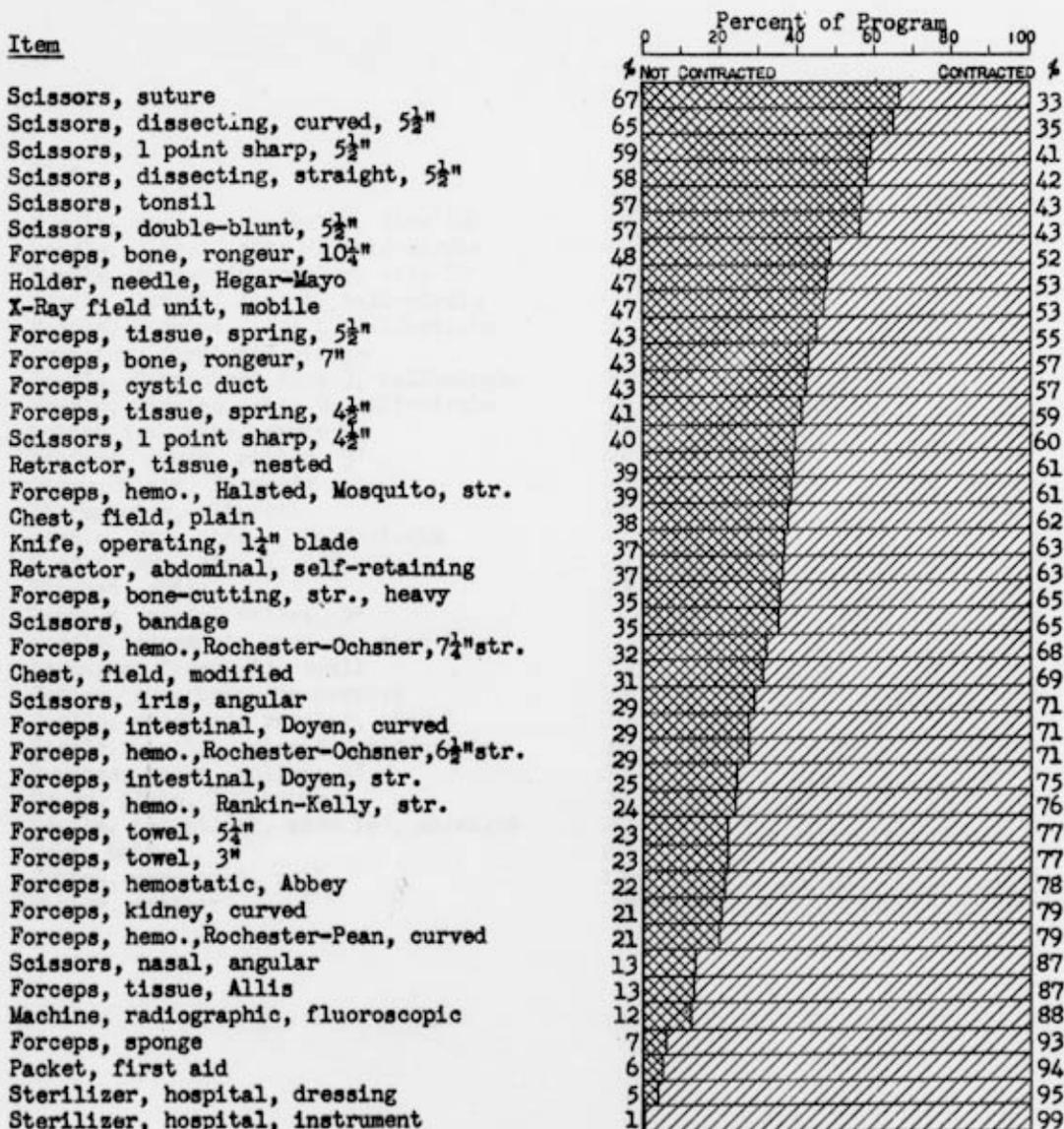
The items, critical and selected, not completely contracted are shown on the accompanying diagrams. The estimated money value of these, based on prices published in the Medical Supply Catalog, are: Critical \$1,503,000; Selected \$2,387,000; Total \$3,890,000.

Since this statistical report is published weekly and the data on which it is founded is received only four times monthly, the tabular summaries in the supplement, on both critical and selected items, are practically identical with those of last week.

According to a summary of Weekly Vital Statistical Report No. 29, July 24, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 2.93. This percentage shows 2.61 remaining in hospitals and .32 in quarters.

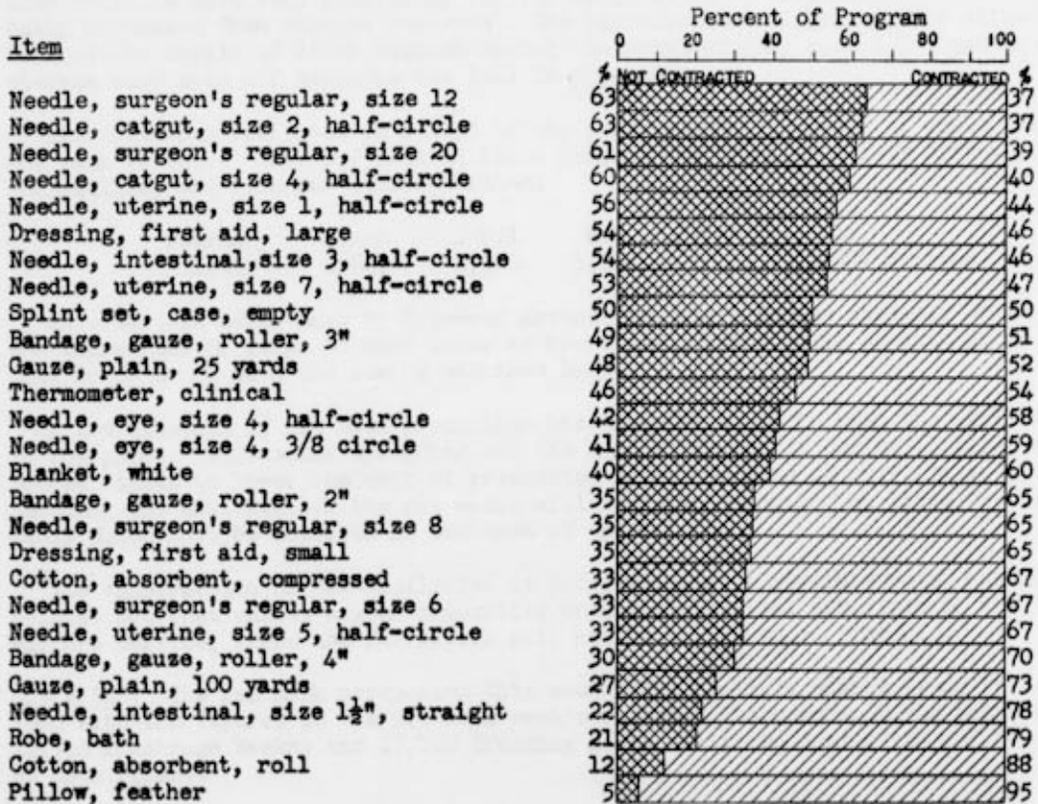
MEDICAL DEPARTMENT - CRITICAL ITEMS - PERCENT OF 1941 PROGRAM NOT CONTRACTED - JULY 15, 1941

Source of Information: Medical Department Procurement Progress Report



MEDICAL DEPARTMENT - SELECTED ITEMS - PERCENT OF 1941 PROGRAM NOT CONTRACTED - JULY 15, 1941

Source of Information: Medical Department Procurement Progress Report



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JULY 25, 1941

Source of Information: Chemical Warfare Service Reports

The Chemical Warfare Service is faced with a rather serious problem because of the lack of production orders and the low priority given to the Service on certain basic raw materials. Because of the lack of production orders, the gas mask factory at Edgewood Arsenal has been forced to close down part of its production equipment, which has resulted in the idleness of certain machine tools. This condition represents approximately 66 per cent of the machine tools, located in the machine shop, lying idle when they could be used very profitably for the manufacture of certain tin-plate items now being purchased from outside concerns. The psychological effect of this situation has lowered the morale of labor because during the month of July some 1,700 gas mask employees were laid off owing to the fall in production.

The following statement is a list of the average monthly number of employees in the gas mask factory. Five per cent of these persons are highly skilled; ninety per cent semiskilled; and five per cent unskilled.

February	March	April	May	June	July
1,493	2,089	2,890	3,227	3,045	1,277 persons

An effort is being made by Edgewood Arsenal to obtain Fabric Assembly Orders from the Quartermaster Corps on such items as Protective clothing and Webbing Troop equipment in order to keep the sewing machines busy.

A low schedule of gas mask production has been set so as to keep the skilled labor in the plant. This means spreading out the production over a period of time; which, of course, tends to lower the unit of production rate. Because of this low rate of production, the unit cost of the gas masks will increase owing to the large overhead expense which must be absorbed in the cost of operations.

The construction of new facilities is progressing at a moderate rate, but it is pointed out that unless higher priorities on structure steel are given to the Chemical Warfare Service, these new facilities will not be completed on schedule.

GAS MASKS: The gas mask production this week shows a slight upward trend in comparison with the figures in the previous week's report. There were 50,916 Service Masks; 12,700 Diaphragm Masks; and 17,720 Training Masks delivered during the period covered by this report.

EXTRA GAS MASK CANISTERS: The canister situation remains unchanged because of the lack of Whetlerite; however, 3,900 Service Canisters were delivered during the week.

The Mustard Gas production is reported as being normal; but only 35 tons were delivered for Chemical Warfare purposes, and the remainder of the production is being used to fill Ordnance Shells.

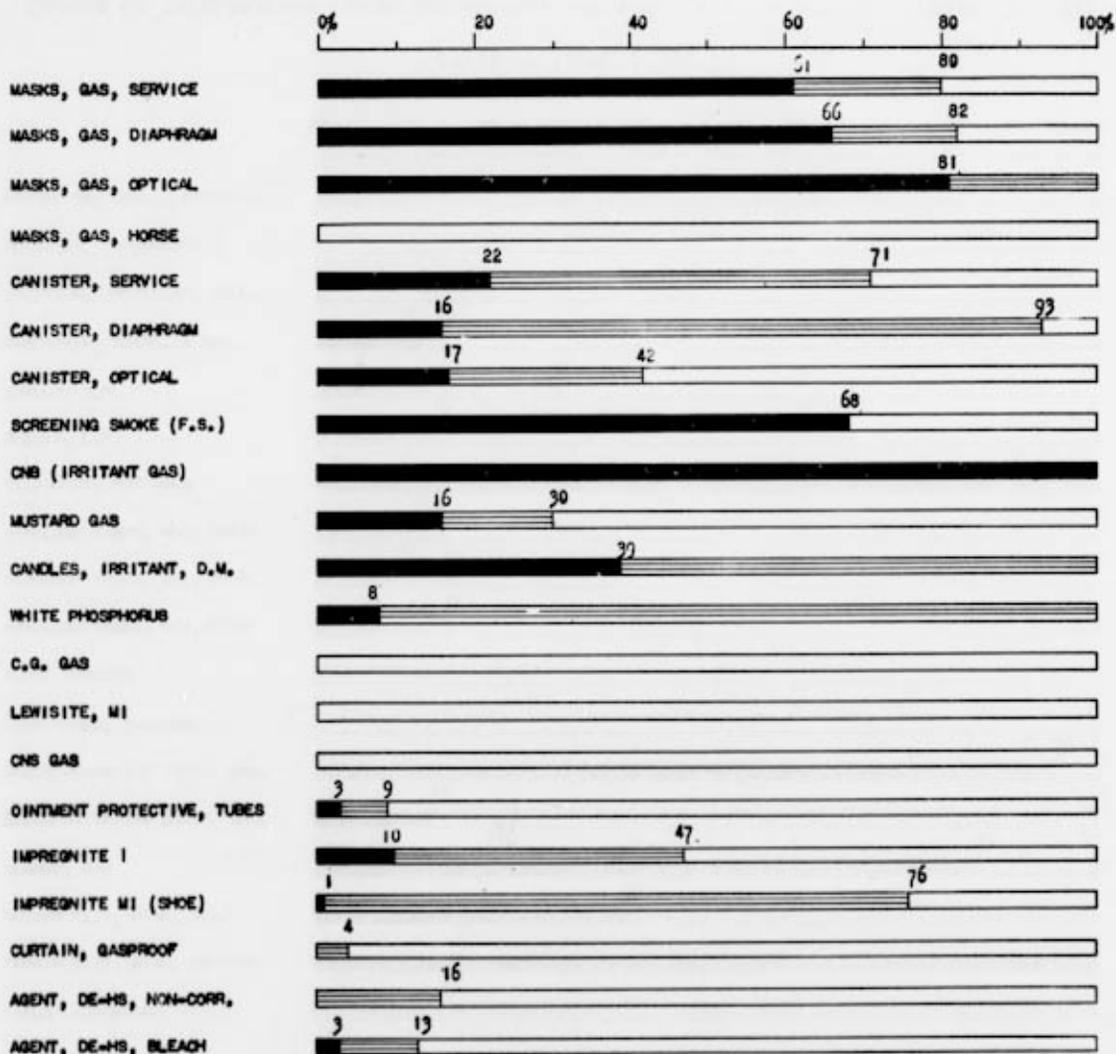
The Pilot Impregnate Plant at Edgewood Arsenal is operating at fully capacity, and the production amounted to 11.7 tons this week; 2 tons of which are undergoing inspection.

DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service

July 25, 1941

CRITICAL ITEMS



DELIVERED
  UNDER CONTRACT
  NOT UNDER CONTRACT

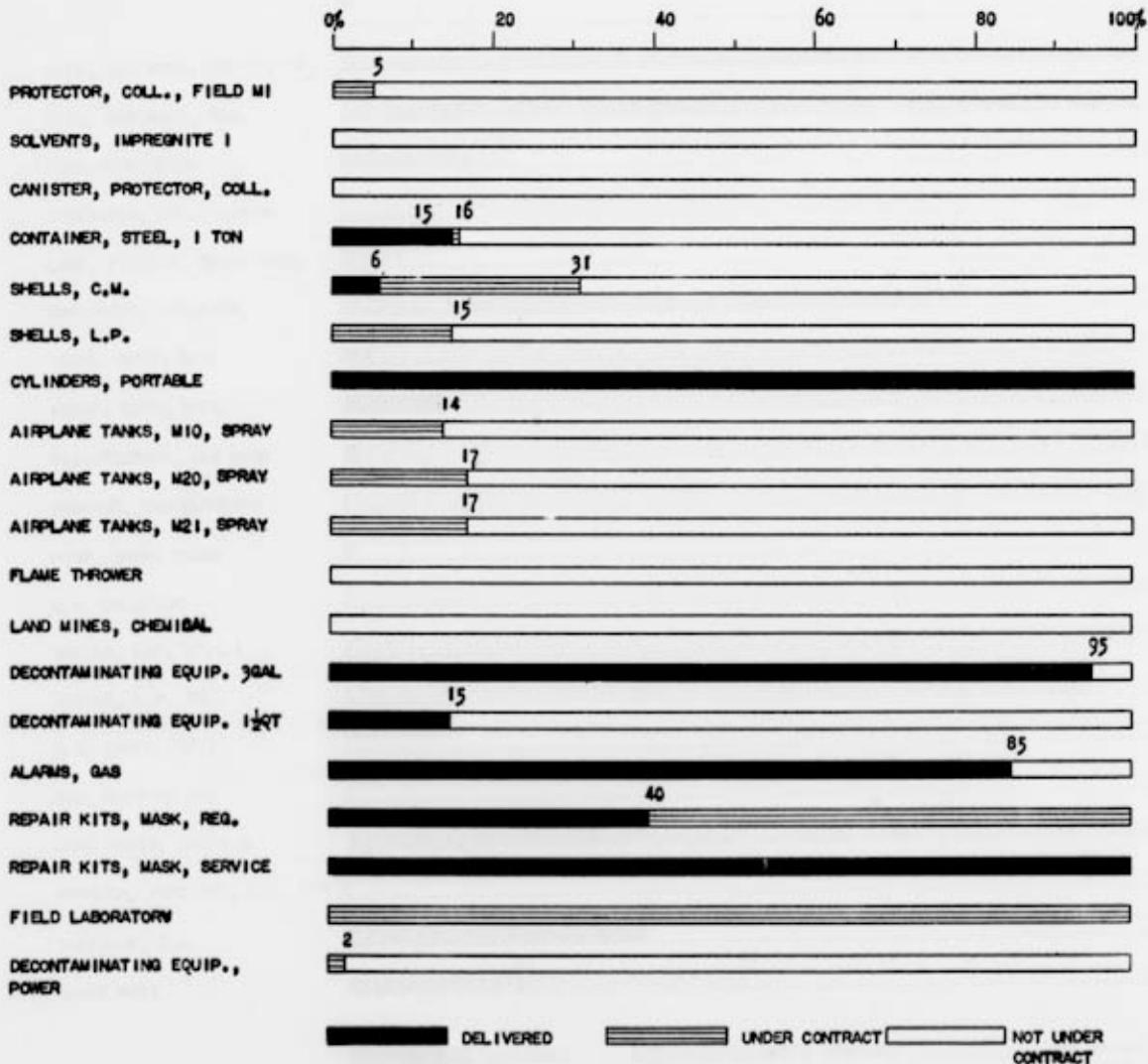
Chemical Warfare Service

DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service

July 25, 1941

CRITICAL ITEMS (CONT.)



Chemical Warfare Service

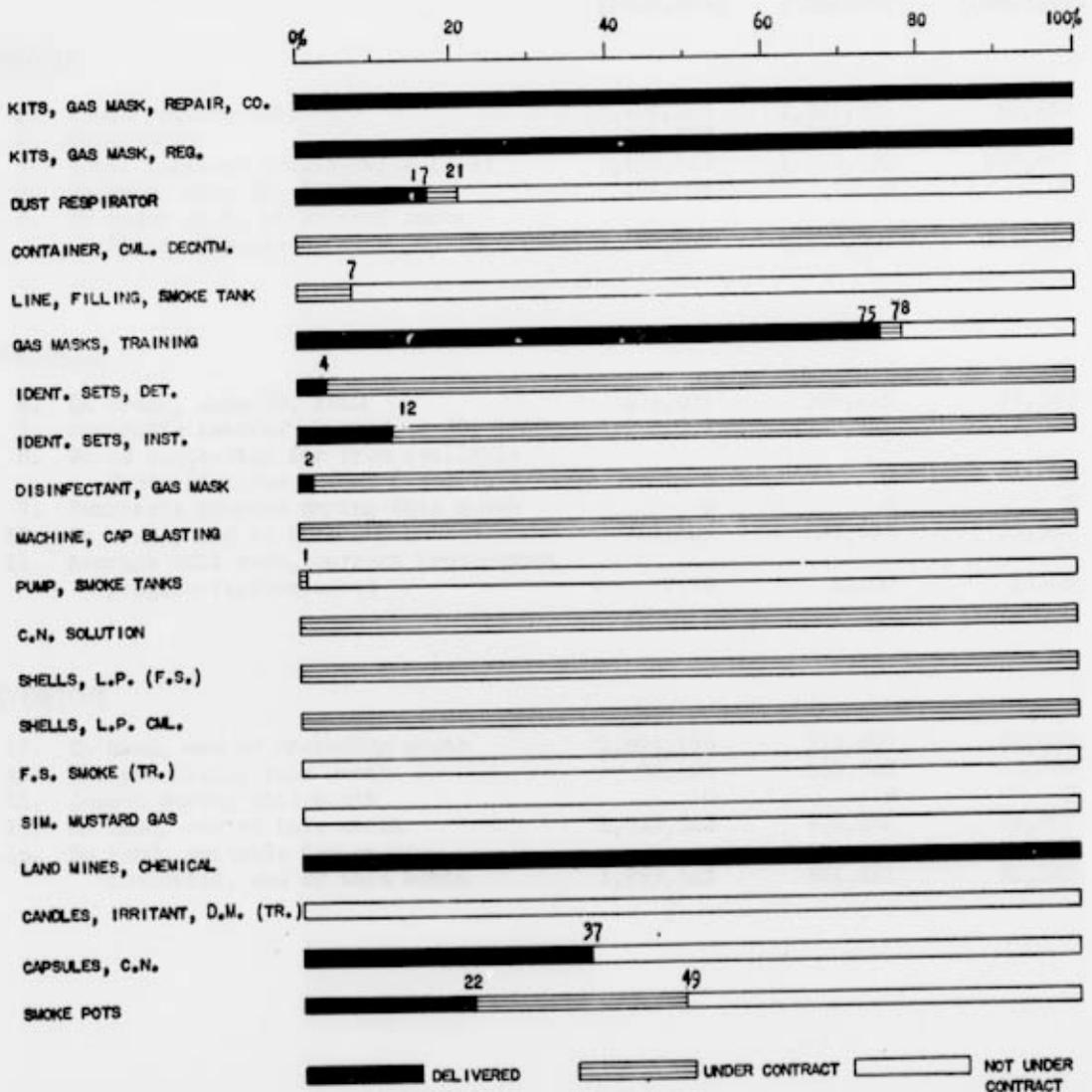
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DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service

July 25, 1941

ESSENTIAL ITEMS



Chemical Warfare Service

GAS MASKS

Status of 2,800,000 Man Program as of June 30, 1941

	GAS MASKS, SERVICE (Complete)	GAS MASKS, DIAPHRAGM (Complete)	GAS MASKS, OPTICAL (Complete)
<u>PROGRAM</u>			
1. Total requirements	3,201,175	1,241,972	66,451
2. Deferments	304,528	131,873	0
3. Total financed requirements (1-2)	2,896,647	1,110,099	116,623
4. On hand, June 30, 1940	494,074	0	0
5. On order or to be ordered under financed program, June 30, 1940 (3-4)	2,402,573	1,110,099	116,623
<u>CONTRACTS</u>			
6. On order, June 30, 1940	478,671	389,425	38,943
7. Contracts awarded since June 30, 1940	1,923,902	720,744	77,680
8. To be contracted for from available funds (5 minus sum of 6 and 7)	0	0	0
9. Contracts awarded during this month	0	0	0
10. On order, end of this month	713,105	235,638	35,580
11. Average unit cost, current procurement program (approximate)	7.70	11.00	11.00
<u>INVENTORY</u>			
12. On hand, end of preceding month	1,891,136	712,899	40,783
13. Receipts during this month	92,406	161,562	40,260
14. Losses during this month	0	0	0
15. On hand, end of this month	1,983,542	874,461	81,043
16. On hand, suitable for purpose indicated, end of this month	1,983,542	874,461	81,043

TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JULY 23, 1941

Source of Information: Office, Chief of Coast Artillery

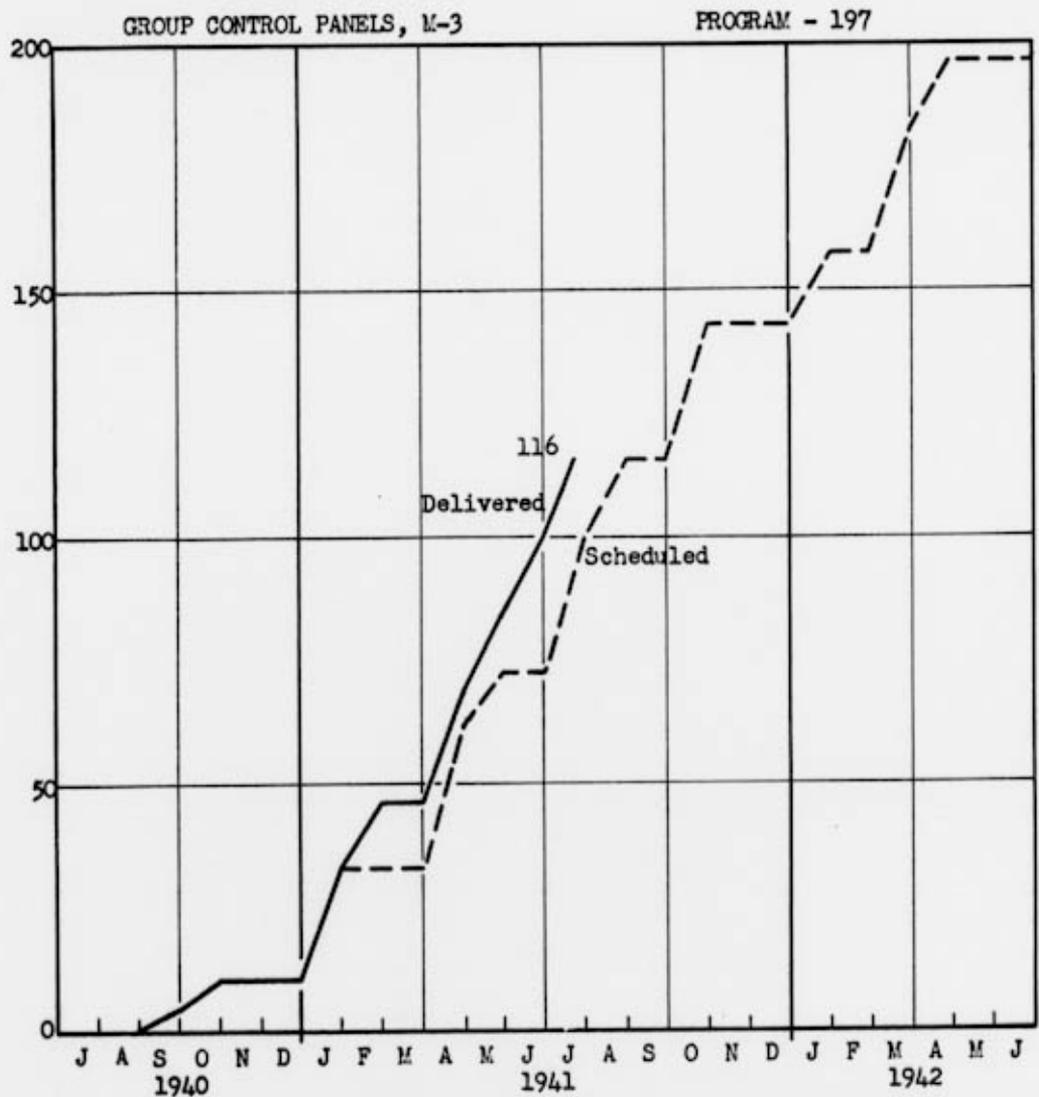
This report has been revised to include submarine mine equipment installations outside the Continental United States. Of the total program of 197 mine groups, 116 are delivered. A breakdown of the total together with scheduled completion dates of undelivered projects is shown below.

<u>Location</u>	<u>No. groups</u>	<u>Schedule date</u>
Chesapeake Bay	28	complete
Sandy Hook	23	"
Balboa	16	"
Cristobal	15	"
Narragansett Bay	12	"
Boston	9	"
Columbia River	7	"
Portsmouth	6	"
Total complete	<u>116</u>	
Manila	28	Oct. '41
San Francisco Bay	14	Jan. '42
Delaware Bay	25	Mar. '42
Portland	10	Apr. '42
Southern New York	<u>4</u>	Apr. '42
Total undelivered	81	

Deliveries on the program of 3,630,000 feet of submarine mine cable are 3,511,050 feet, or 97 percent.

DIAGRAM - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JULY 23, 1941

Source of Information: Office of the Chief of Coast Artillery



Coast Artillery Corps

PSF  
War

file

August 16, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copies No. 6 and No. 7 of  
the Weekly Statistical Report Summary.

RL → P. Pitt

**SECRET**

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

*ASF War*

## WEEKLY STATISTICAL REPORT

No. 6

**RELEASED**

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

# SUMMARY

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Date- *3-5-59*

Signature-

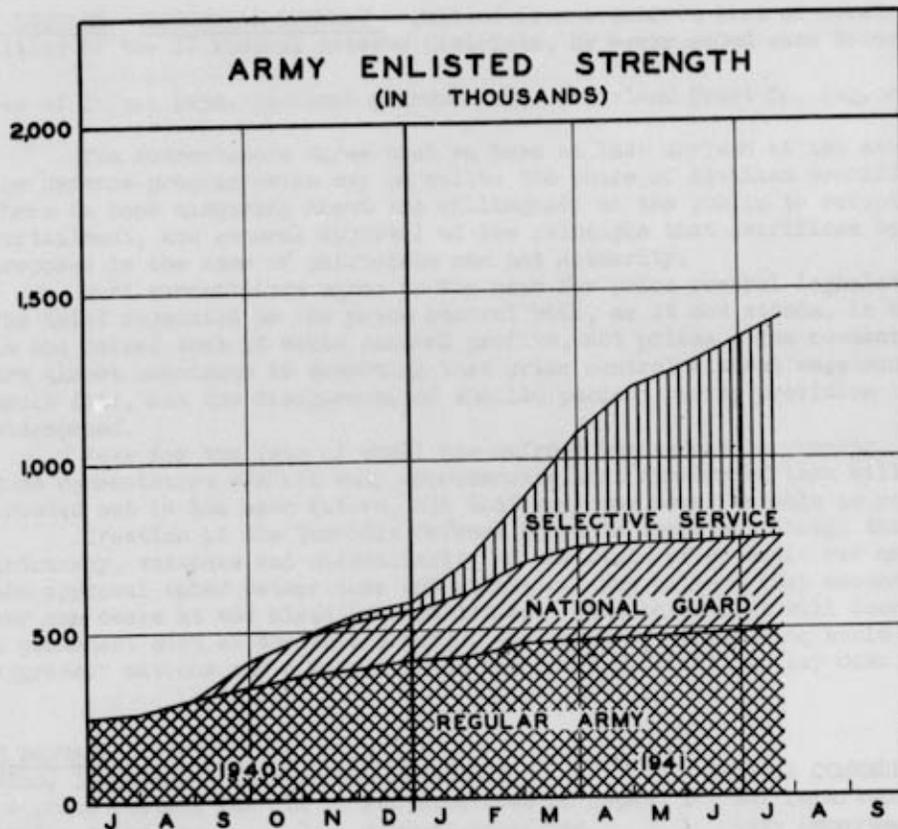
*Carl F. Spear*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-642-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
REPORT NO. 6  
AUGUST 9, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Proc. of Basic Items.	26
Editorial Comment .....	2	Diagrams: Group Proc. of Basic Items	27
Editorial Comment - Diagram .....	3	Text Summary - Proc. of Motor Veh. .	28
Cost of Living .....	4	Diagrams: Motor Vehicle Proc. ....	29
Expediting Production .....	5	Text Summary - Construction Progress	30
Shipbuilding Program .....	6	Diagram: Cumulative Construction Pr.	31
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Allocations .....	7	Text Summary - Aircraft .....	32
<u>ORDNANCE DEPARTMENT</u>		Procurement Index - Aircraft .....	33
Text Summary .....	8	Diagram: Procurement .....	34
Index of Ordnance Procurement .....	9	Diagram: Aircraft Procurement .....	35
Equipment Proc. - Tabular Summary ....	10	Diagram: Aircraft Procurement .....	36
Rifle, M1 and Mortars .....	11	<u>CORPS OF ENGINEERS</u>	
Guns, 37mm A.A. & 37mm Antitank .....	12	Text Summary - Procurement Progress.	37
Tactical Equipment - Initial Req. ....	13	Diagram: Searchlight Procurement ...	38
Tactical Equipment - Total Req. ....	14	Diagram: Index of Engineer Proc. ...	39
Ammunition Proc. - Tabular Summary ...	15	Text Summary - Air Corps Construc...	40
Cartridges, Cal.30 & Cal.50 .....	16	Diagram: Air Corps Construction ...	41
<u>AIR CORPS</u>		<u>MEDICAL DEPARTMENT</u>	
Text Summary - Aircraft Labor Req. ...	17	Text Summary .....	42
Tab. Sum. - Aircraft 1942 Labor Req. .	18	Diagram: Delivery Status Critical It.	43
Diagrams: New Aircraft Facilities		Diagram: Delivery Status Selected It.	44
Airplane .....	19	<u>CHEMICAL WARFARE SERVICE</u>	
Airplane .....	20	Text Summary .....	45
Airplane .....	21	Diagram: Contract Status Sel. Items.	46
Engine .....	22	<u>COAST ARTILLERY CORPS</u>	
Miscellaneous .....	23	Text Summary .....	47
Miscellaneous .....	24	Diagram: Group Control Panels .....	48
Tab. Sum. - Air Corps Current Proc. ..	25		



The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 to July 21, 1941 are shown in the diagram and table. They refer to enlisted strength as of the end of each month, with the exception of the final tentative figure.

		Total			Total
Jul	1940	268,941	Jan	1941	693,578
Aug		302,968	Feb		873,667
Sep		407,613	Mar		1,068,030
Oct		483,218	Apr		1,205,873
Nov		540,695	May		1,265,211
Dec		573,520	Jun		1,348,004
			Jul 21		1,413,877 (Radio Report)

Source of Information: Statistics Branch, General Staff, August 7, 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. Aug. 6, 1941

The commentators agree that we have at last arrived at the stage in the defense program which may be called the phase of civilian sacrifice. There is some misgiving about the willingness of the public to accept curtailment, and general approval of the principle that sacrifices be proposed in the name of patriotism and not authority.

Most commentators agree to the need for price control legislation. The chief objection to the price control bill, as it now stands, is based on the belief that it would control profits, not prices. The commentators are almost unanimous in asserting that price control without wage control would fail, and the disapproval of the 110 percent parity provision is widespread.

Fear for the fate of small non-defense businesses is growing. Some commentators are not only apprehensive that numbers of them will be crowded out in the near future, but that many may never be able to resume.

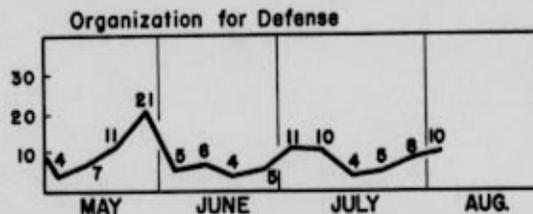
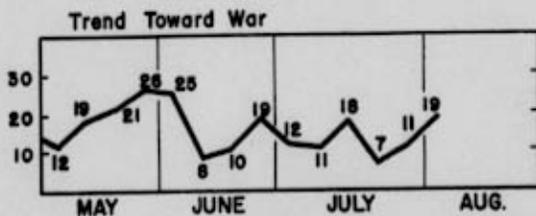
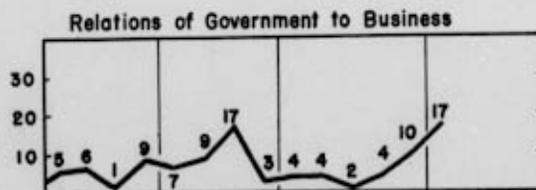
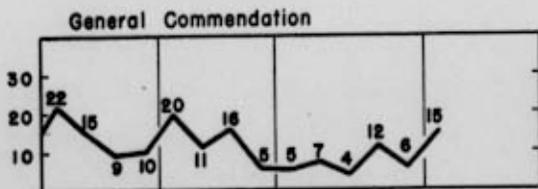
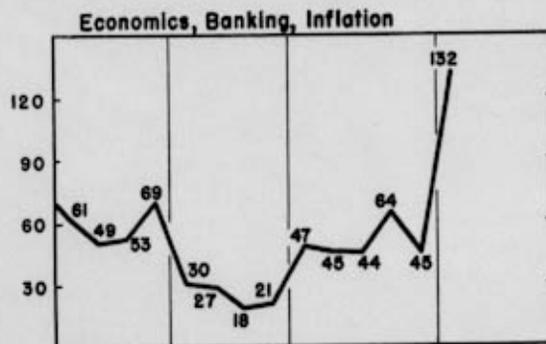
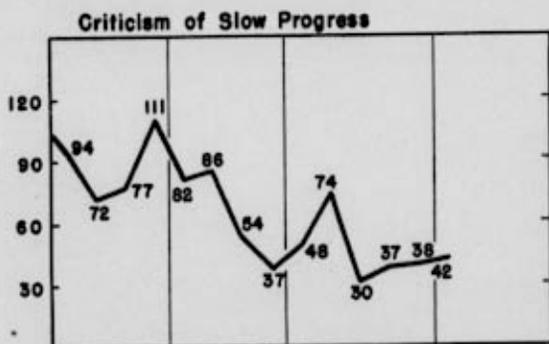
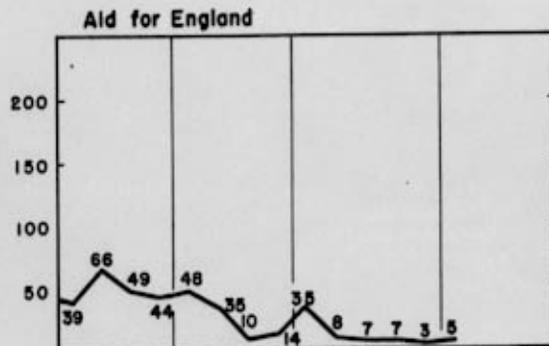
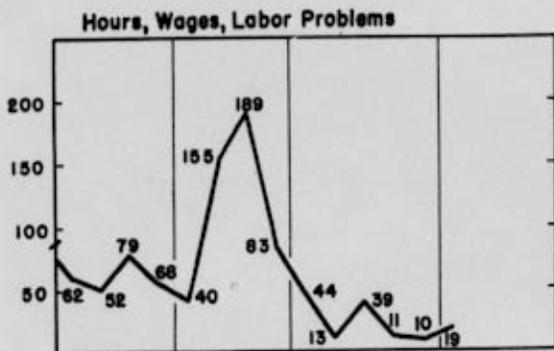
Creation of the Economic Defense Board is approved, though the intricacy, vastness and unfamiliarity of the field of economic war makes the approval sober rather than enthusiastic. Few believe that economic war can cease at the close of hostilities. Some believe it will become a permanent part of the future world, the means of controlling would-be aggressor nations and a weapon which may prove difficult to lay down.

TABULAR SUMMARY

<u>ECONOMICS, INFLATION</u>	Tallies	<u>THE EMERGENCY</u>	<u>GENERAL COMMENDATION</u>		
For a price control law	12	For embargoes on Japan	4	War Department	4
Against a price law	2	Against embargoes	1	Navy Department	1
The bill approved	1	Fund freezing approved	2	Plane production speed	2
The bill is inadequate	2	Ship clearance approved	1	Quality of planes	4
Don't use bill for reform	2	For a firm policy	2	Tank production speed	2
For time limit on bill	1	Against aid to Russia	1	Powder output	1
Control costs not profit	5	We can't aid Russia	4	Ship building speed	1
For wage-price control	21	Gas saving is failing	5		
Against wage control	1	For 7 to 7 closing	1	<u>ORGANIZATION PROBLEMS</u>	
For rent control	6	7 to 7 wont save gas	1	Approval Economic Board	4
Hold farm prices down	18	For seizure bill	1	OPMND & OPACS overlap	3
For farm price rise	1	For censorship powers	1	For a single authority	2
For Baruch plan	1			Planning board needed	1
Danger of inflation	18	<u>LACK OF FACTS</u>			
Cut Govt. spending	10	On need for gas cut	4	<u>GENERAL CRITICISM</u>	42
Buy defense bonds	1			<u>MATERIAL SHORTAGES</u>	31
Broaden tax base	15	<u>TREND TOWARD WAR</u>		HOURS, WAGES, LABOR	19
No retro-ac. instal. tax	1	We are trending	12	<u>GOVT. AND BUSINESS</u>	17
No higher ex profits tax	2	We are not trending	3	<u>PROBLEMS OF THE DRAFT</u>	15
Against joint returns	8	Govt. wants war	2	<u>AID FOR BRITAIN</u>	5
For a sales tax	1	Govt. does not want war	1	<u>ST LAWRENCE SEAWAY</u>	4
Against a sales tax	3	Do not go to war	1	<u>MISCELLANEOUS</u>	1

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

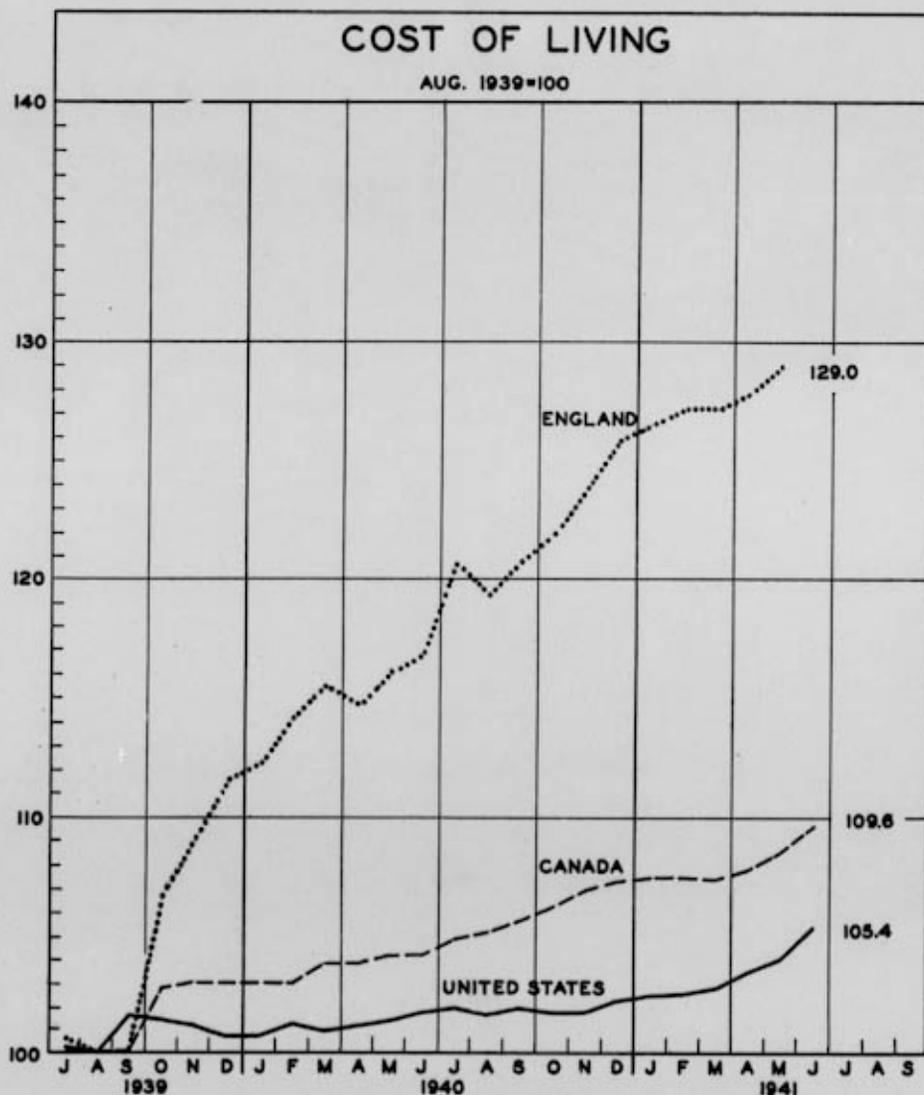
Source of Information: Department of Research and Economics - Cleveland Trust Company



COST OF LIVING

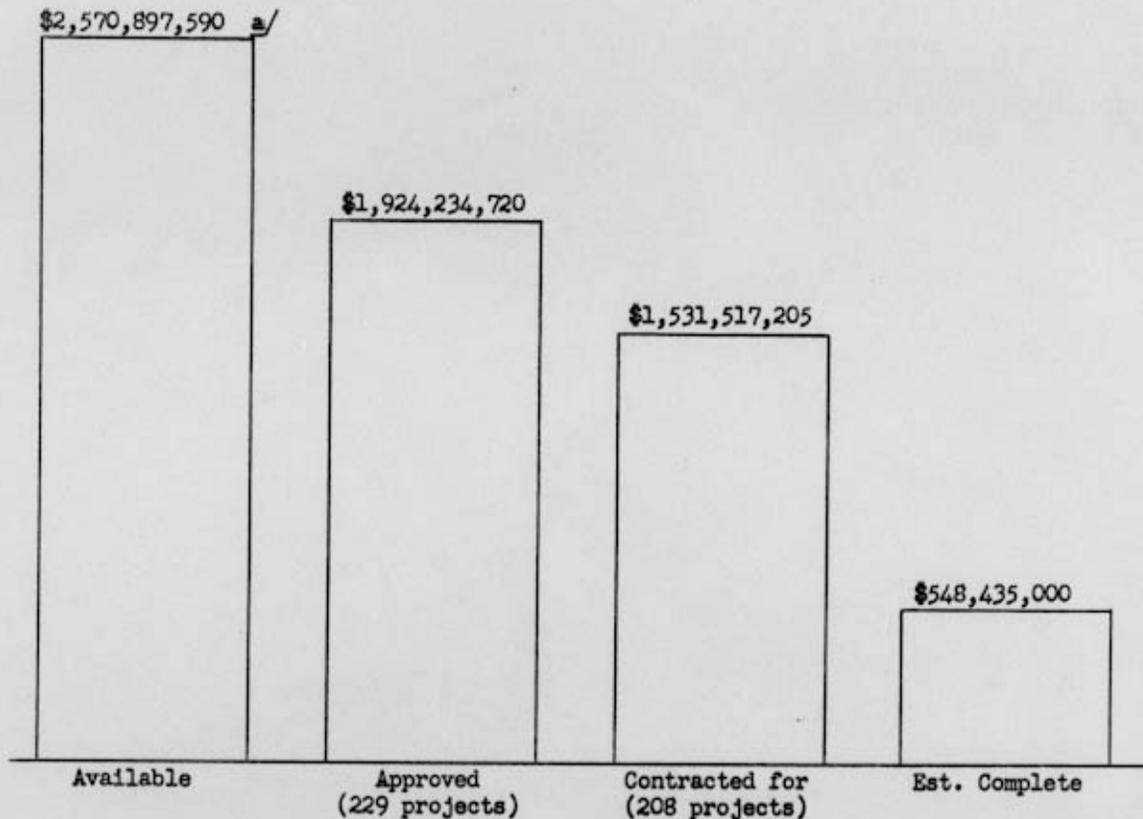
Living costs in the United States have risen as much in the last three months as during the entire period from August 1939 to March 1941. Compared to the 5.4 percent increase in the United States there was an increase in Canada of 9.6 percent since the outbreak of war. Cost of living in England, however, has advanced more rapidly and in May 1941 was 29.0 percent over the August 1939 level.

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



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - July 26, 1941

Source of Information: Construction Division Report, July 26, 1941

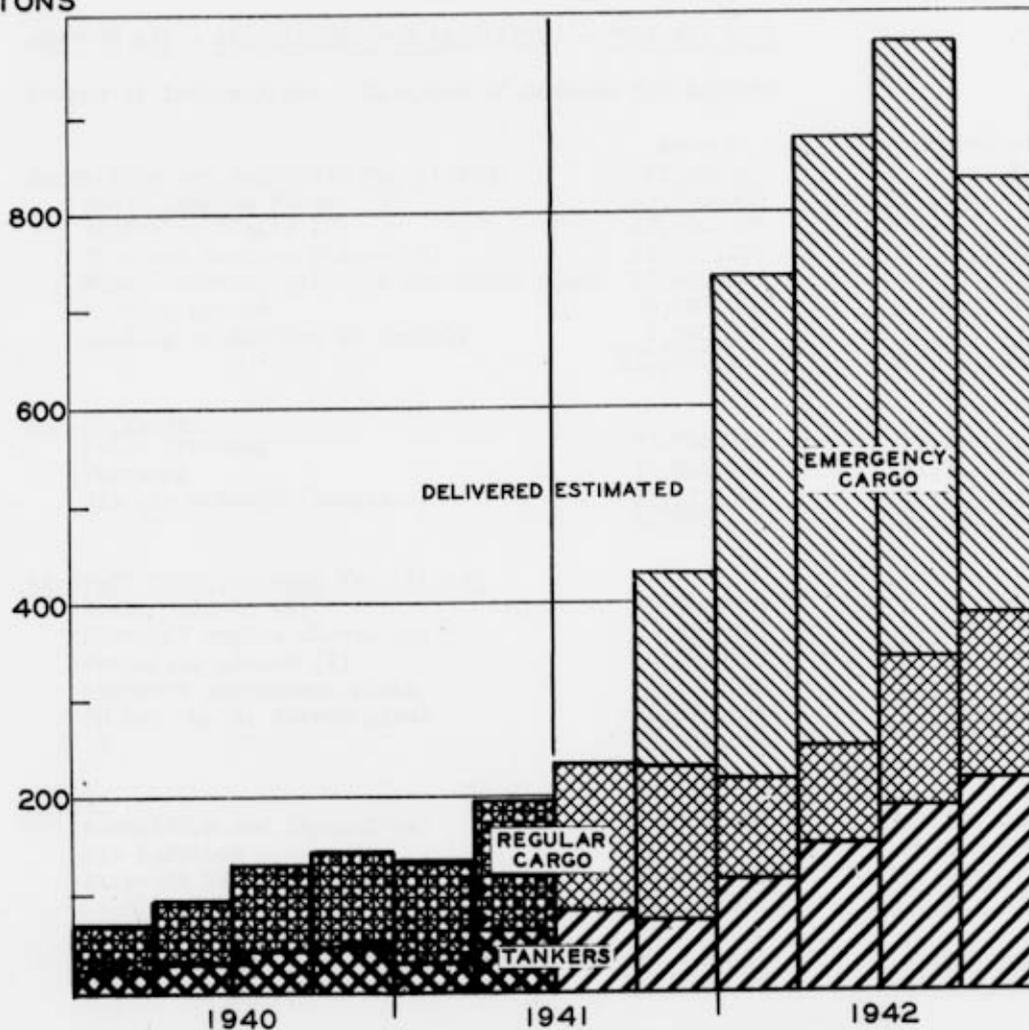


<sup>a/</sup> Includes Expediting Production Appropriation of \$1,964,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$196,024,163; Chemical Warfare Service \$1,312,427, and Navy Department \$15,000,000; Defense Aid Appropriation \$350,000,000.

## DELIVERIES OF OCEAN-GOING SHIPS

(2000 GROSS TONS OR MORE)

THOU.  
TONS



Ocean-going merchant vessels on order August 1, 1941, aggregated 5,731,930 gross tons. These ships include Maritime Commission and private orders, together with British and Defense Aid programs. The tonnage figures shown below are exclusive of a new program requested by the President for the construction of 541 additional vessels.

<u>Built</u>	<u>Building</u>	<u>To be Built</u>
1939 241,000	1941 996,480	1942 3,414,200
1940 434,650		1943 1,529,650

The classification "Regular Cargo" includes ships in the Maritime Commission's long-term program - C2's and C3's suitable for intense competitive conditions after this war is over. The C3's are combination passenger and cargo ships.

The emergency cargo ships (EC2) are of less quality and speed.

Source of Information: Office of Production Management

Statistics Branch  
OUSW - 8-9-41

Ocean Going Ships

DEFENSE AID - ALLOCATIONS FOR FACILITIES - JULY 31, 1941

Source of Information: Division of Defense Aid Reports

	Amount Allocated	Estimated Cost *
<u>Ammunition and Explosive Facilities:</u>		
Shell Loading Plants (3)	43,800,000	109,500,000
Explosive Plants (8)	42,930,000	126,025,000
Chemical Warfare Plants (2)	18,917,200	47,293,000
Fuze, booster, primer & detonator plant	13,400,000	33,500,000
Proving ground	6,000,000	15,000,000
Loading explosives on vessels	6,000,000	6,000,000
	<u>131,047,200</u>	<u>337,318,000</u>
<u>Air Services:</u>		
Pilot Training	33,706,330	33,706,330
Ferrying	31,844,200	31,844,200
Six air schools (complete)	21,337,165	21,337,165
	<u>86,887,695</u>	<u>86,887,695</u>
<u>Aircraft Manufacturing Facilities:</u>		
Bomber plants (2)	23,594,016	54,043,400
Aircraft engine plants (3)	33,839,253	33,839,253
Propellor plants (2)	6,366,355	15,762,297
Aircraft instrument plant	5,400,000	20,368,393
50 Cal. M. G. turret plant	4,274,845	10,592,348
	<u>73,474,469</u>	<u>134,605,691</u>
<u>Total:</u>		
Ammunition and Explosives	131,047,200	337,318,000
Air Services	86,887,695	86,887,695
Aircraft Manufacturing	73,474,469	134,605,691
	<u>291,409,364</u>	<u>558,811,386</u>
Machine Tools	47,440,683	47,440,683
	<u>338,850,047</u>	<u>606,252,069</u>

\* Balance from funds other than Defense Aid

TEXT SUMMARY - AUGUST 9, 1941

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

GENERAL

The procurement indexes on the following page indicate that deliveries of equipment and ammunition items are being maintained generally on schedule.

Procurement of six ordnance items was completed during the two months ended July 15, 1941:

	<u>Fiscal Year Funds</u>	<u>Number</u>
Hanger, tripod, cal.30, M3	1940 & 1941	944
Caisson, 75mm howitzer, field	1940 & 1941	742
Correctors, sound ranging, wind, M1	1941	59
Unit Generating, M1	1940 & 1941	214
Trucks, wrecking, M1	1940 & 1941	75
Sets, parts, modification, machine guns, Cal.30, M1917A1	1941	13,762

ACCEPTED DELIVERIES IN JULY

The sharp gain in the rate of production of ordnance during the first six months of 1941 is shown by comparison of July deliveries of Garand rifles, caliber .50 aircraft machine guns, 60mm mortars, light tanks and caliber .30 and caliber .50 cartridges with January deliveries:

	<u>JULY</u>	<u>JUNE</u>	<u>JANUARY</u>	<u>CUMULATIVE THRU JULY</u>
Rifle, cal.30, M1	28,760	25,950	14,503	225,116
Machine gun, cal.30, A.C.	500	625	387	7,247
Machine gun, cal.50, A.C.	3,171	1,588	130	10,921
Submachine gun, cal.45	34,947	5,498	1,131	55,065
Mortar, 60mm	1,404	547	125	4,778
Mortar, 81mm	105	98	63	815
Tank, light, M3	264	210	0	813
M2A4	0	0	2	365
Tank, medium, M3	17	9	0	27
M2A1	11	15	6	84
Carriage, 155mm how. (mod.)	120	80	127	946
Gun, 3" A.A.	10	61	0	141
Gun, 90mm A.A.	7	0	0	8
Cartridge, cal.30 (thous.)	56,373	50,976	30,986	450,617
Cartridge, cal.50 (thous.)	6,192	5,391	3,495	53,990

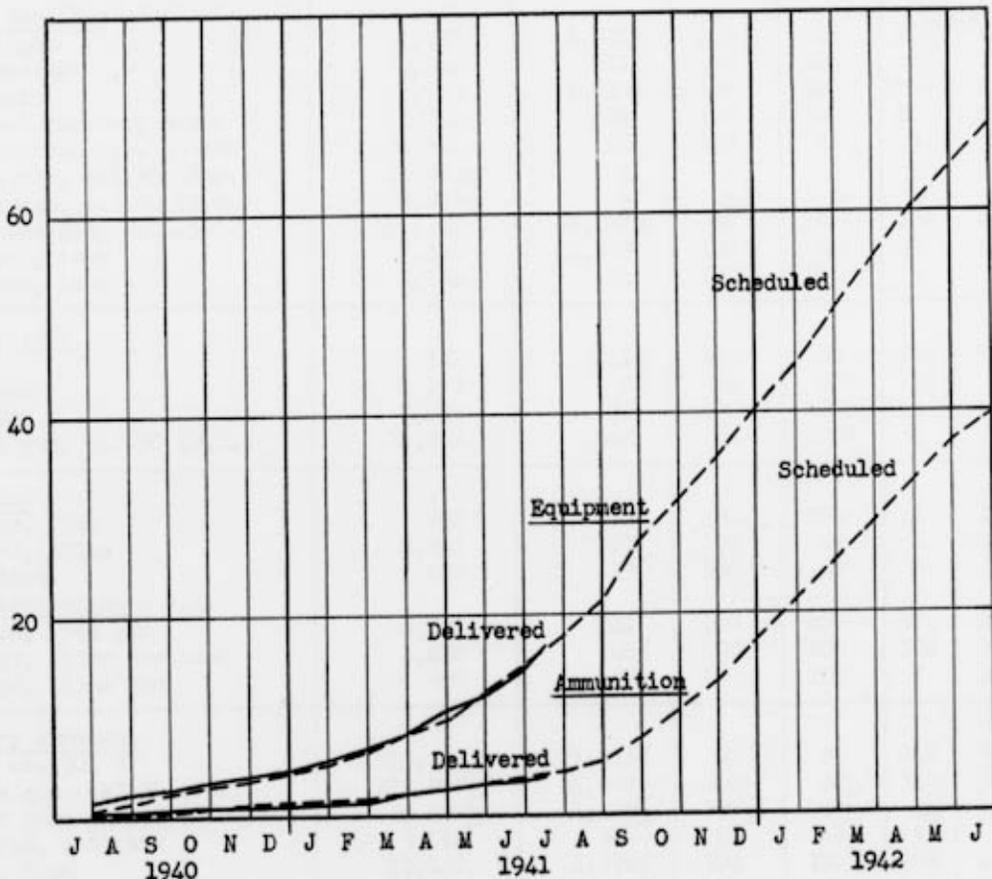
MACHINE GUN, CALIBER .50, AIRCRAFT

The sharp rise in production has resulted from large deliveries by High Standard Manufacturing Company and the A. C. Spark Plug Division of General Motors Corporation, in addition to Colt Patent Fire Arms Company's substantial output. Frigidaire Division of General Motors has also begun production, and both Savage Arms Company and Kelsey-Hayes Wheel Company are scheduled to start deliveries shortly. Capacity production of over 11,000 caliber .50 aircraft machine guns a month is scheduled for January, 1942.

PROCUREMENT INDEXES - JULY 15, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Defense Aid Program reported by the Ordnance Department. The current procurement program consists of quantities being purchased with Fiscal Year 1940, 1941 and 1942 funds. Stocks of each item on hand prior to current procurement have been removed from these revised indexes in order to make them reflect solely the progress of current procurement.



CUM.		1940												1941											
		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
<u>EQUIP</u>	DEL	2	2	3	4	4	5	6	7	8	11	12	15	18	22	28	32	36	40	45	51	55	60	65	69
	SCH	.8	2	3	3	4	4	6	7	8	10	12	15	18	22	28	32	36	40	45	51	55	60	65	69
<u>AMMUN</u>	DEL	.5	.5	.7	.8	.9	1	1	1	2	3	3	4	4	5	8	10	13	17	22	26	30	34	37	40
	SCH	.4	.4	.6	.8	1	1	1	2	2	3	3	4	4	5	8	10	13	17	22	26	30	34	37	40

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

Source of Information: Office, Ass't Chief, Ind. Service, Ord. Dept. (Production)

Item	Total procurement program	Delivered thru July 15	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	7,247 $\phi$	100	100*	8 $\phi$	8 $\phi$
Machine gun, cal.50	165,127	10,921 $\phi$	100	100*	7 $\phi$	7 $\phi$
Gun, 20mm, automatic	44,749	0	100	100	0	0
Gun, 37mm, automatic	2,188	33	100	100*	2	2
<u>Combat Vehicles</u>						
Tank, light	4,090	1,212 $\phi$	100	85	30 $\phi$	30 $\phi$
Tank, medium	4,748	111 $\phi$	100	100	3 $\phi$	2 $\phi$
Scout car	2,733	2,633 $\phi$	100	100	100 $\phi$	96 $\phi$
Personnel carrier, 8-man	5,792	606	100	100	10	10
Personnel carrier, 13-man	5,521	60	100	89	3	1
Machine gun, cal.30 (Var.)	41,276 $\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /
Machine gun, cal.50 (H.B.)	8,025 $\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /	$\underline{a}$ /
Submachine gun, cal.45	251,397	55,065 $\phi$	98	98*	22 $\phi$	22 $\phi$
Gun, 37mm, tank	7,352	1,569	100	82	20	21
Gun, 75mm, tank	2,764	74	100	100	1	3
<u>Antiaircraft</u>						
Gun, 3"	152	141 $\phi$	100	100	86 $\phi$	93 $\phi$
Gun, 90mm	1,271	8 $\phi$	95	95*	2 $\phi$	1 $\phi$
Gun, 37mm	3,195	432	100	100*	13	14
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	6	5
<u>Artillery</u>						
Howitzer, 75mm	958	119	100	100	11	12
Howitzer, 105mm	3,761	57	73	46	1	2
Gun, 155mm	492	17	100	68	3	3
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	510	100	100	37	38
Carriage, 155mm howitzer	1,436	946 $\phi$	100	100	52 $\phi$	66 $\phi$
Carriage, 155mm gun	660	69	100	100	9	10
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	225,116 $\phi$	93	93	24 $\phi$	25 $\phi$
Machine gun, cal.30 (Var.)	113,850 $\underline{b}$ /	34,088 $\underline{b}$ /	100 $\underline{b}$ /	90 $\underline{b}$ /*	31 $\underline{b}$ /	30 $\underline{b}$ /
Machine gun, cal.50 (H.B.)	29,879 $\underline{b}$ /	1,188 $\underline{b}$ /	100 $\underline{b}$ /	100 $\underline{b}$ /*	4 $\underline{b}$ /	4 $\underline{b}$ /
Gun, 37mm, antitank	9,464	504	67	67	5	5
Mortar, 60mm	10,162	4,778 $\phi$	100	100	39 $\phi$	47 $\phi$
Mortar, 81mm	4,458	815 $\phi$	100	77	17 $\phi$	18 $\phi$

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

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

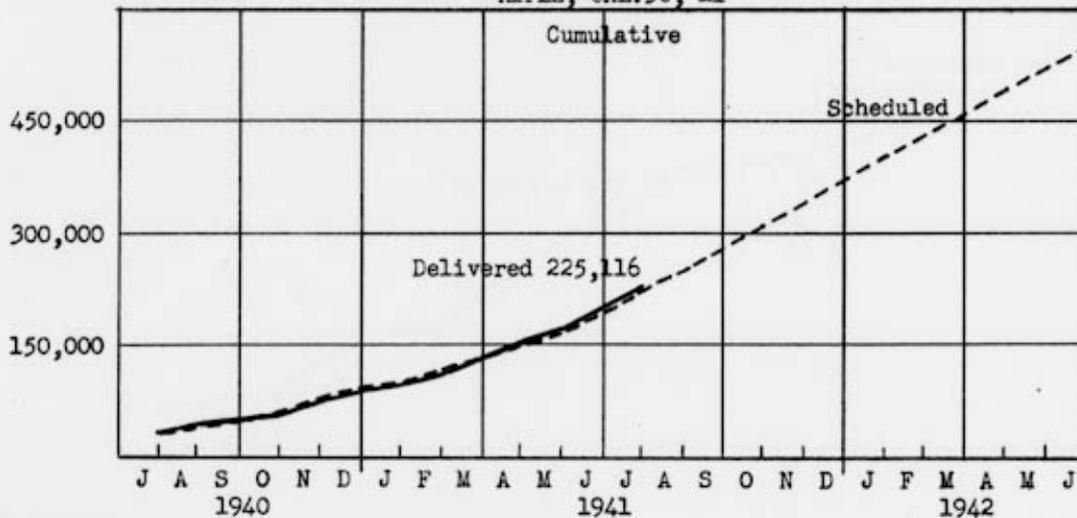
\* Partly tentative.

$\phi$  Thru July 31.

INFANTRY ARMAMENT - DELIVERIES AND SCHEDULES - JULY 31, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept. (Production)

RIFLE, CAL.30, M1



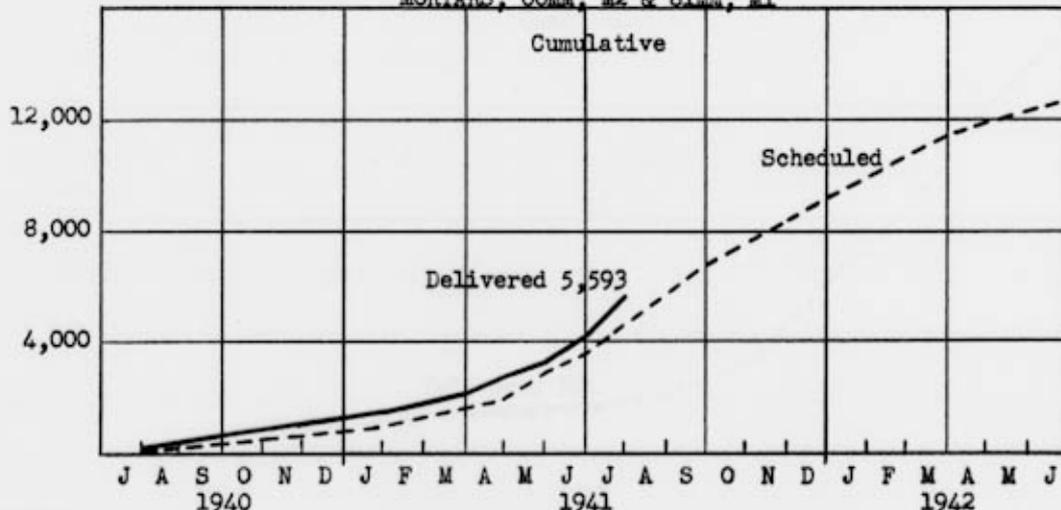
CUM. (TEN THOUS.)

DEL.

SCH.

3 4 5 6 7 9 10 11 13 15 17 20 23  
3 4 5 6 8 9 10 12 13 15 16 19 22 25 28 31 34 37 40 43 46 49 52 55

MORTARS, 60MM, M2 & 81MM, M1



CUM. (THOUS.)

DEL.

SCH.

.2 .4 .6 .8 1 1 1 2 2 3 3 4 6  
.08 .1 .2 .2 .3 .4 1 2 2 2 3 4 5 6 7 8 8 9 10 11 11 12 12 13



ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - JULY 31, 1941

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

Item	Initial Requirements 1,725,000 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.	28,792	9,186	32					
Machine gun, cal.50,fix.&fl.	55,344	4,549	8					
Gun, 20mm, automatic A.C.	1,691	0	0					
Gun, 37mm, automatic, A.C.	1,475	53	4					
<u>Combat Vehicles</u>								
Tank, light	2,313	527	23					
Tank, medium	1,041	101	10					
Scout car	2,028	2,692	133					
Personnel carrier, 8-man	3,336	606	18					
Personnel carrier, 13-man	4,575	38	1					
Machine gun, cal.30 (Var.)	31,070 <sup>a/</sup>	a/	-					
Machine gun, cal.50 (H.B.)	5,485 <sup>a/</sup>	a/	-					
Submachine gun, cal.45	24,981	16,646	67					
Gun, 37mm, tank	3,434	930	27					
Gun, 75mm, tank	792	0	0					
<u>Antiaircraft</u>								
Gun, 3"	} 1,192	501	} 42					
Gun, 90mm		0						
Gun, 37mm, A.A.	2,745	421	15					
Machine gun, cal.50 (W.C.)	13,625	1,022	8					
<u>Artillery</u>								
Gun, 75mm (H.S.)	884	619	70					
Howitzer, 75mm, field & pack	213	187	88					
Howitzer, 105mm	1,952	57	3					
Gun, 155mm	43	4	9					
Gun, 155mm (H.S.)	657	144	22					
Howitzer, 155mm (H.S.)	744	1,106	149					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,821	-					
Gun, 155mm	-	825	-					
Howitzer, 155mm	-	903	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto	702,880	213,913	30					
Machine gun, cal.30 (Var.)	50,623	34,627	68					
Machine gun, cal.50 (H.B.)	14,252	1,955	14					
Gun, 37mm, antitank	4,693	696	15					
Mortar, 60mm	4,876	3,173	65					
Mortar, 81mm	2,460	891	36					

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

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - JULY 31, 1941

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

Item	Total Requirements 3,000,000 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.	39,463	9,186	23	[Bar at 23%]			
Machine gun, cal.50, fix.&fl.	135,263	4,549	3	[Bar at 3%]			
Gun, 20mm, automatic, A.C.	4,903	0	0	[Bar at 0%]			
Gun, 37mm, automatic, A.C.	2,880	53	2	[Bar at 2%]			
<u>Combat Vehicles</u>							
Tank, light	4,414	527	12	[Bar at 12%]			
Tank, medium	2,668	101	4	[Bar at 4%]			
Scout car	3,944	2,692	68	[Bar at 68%]			
Personnel carrier, 8-man	7,105	606	9	[Bar at 9%]			
Personnel carrier, 13-man	5,989	38	1	[Bar at 1%]			
Machine gun, cal.30 (Var.)	62,195 <sup>a/</sup>	<sup>a/</sup>	-	[Bar at -%]			
Machine gun, cal.50 (H.B.)	11,704 <sup>a/</sup>	<sup>a/</sup>	-	[Bar at -%]			
Submachine gun, cal.45	39,174	16,645	42	[Bar at 42%]			
Gun, 37mm, tank	7,272	930	13	[Bar at 13%]			
Gun, 75mm, tank	2,764	0	0	[Bar at 0%]			
<u>Antiaircraft</u>							
Gun, 3"	} 1,795	501	} 28	[Bar at 28%]			
Gun, 90mm		0					
Gun, 37mm, A.A.	3,880	421	11	[Bar at 11%]			
Machine gun, cal.50 (W.C.)	16,938	1,022	6	[Bar at 6%]			
<u>Artillery</u>							
Gun, 75mm (H.S.)	1,471	619	42	[Bar at 42%]			
Howitzer, 75mm, field & pack	267	187	70	[Bar at 70%]			
Howitzer, 105mm	3,215	57	2	[Bar at 2%]			
Gun, 155mm	249	4	2	[Bar at 2%]			
Gun, 155mm (H.S.)	909	144	16	[Bar at 16%]			
Howitzer, 155mm (H.S.)	1,041	1,106	106	[Bar at 106%]			
<u>Unmodified &amp; other models</u>							
Gun, 75mm	-	2,821	-	[Bar at -%]			
Gun, 155mm	-	825	-	[Bar at -%]			
Howitzer, 155mm	-	903	-	[Bar at -%]			
<u>Infantry Armament</u>							
Rifle, cal.30, M1, semiauto.	1,279,751	213,913	17	[Bar at 17%]			
Machine gun, cal.30 (Var.)	96,649	34,627	36	[Bar at 36%]			
Machine gun, cal.50 (H.B.)	29,243	1,955	7	[Bar at 7%]			
Gun, 37mm, antitank	8,112	696	9	[Bar at 9%]			
Mortar, 60mm	7,589	3,173	42	[Bar at 42%]			
Mortar, 81mm	4,327	891	21	[Bar at 21%]			

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

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

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

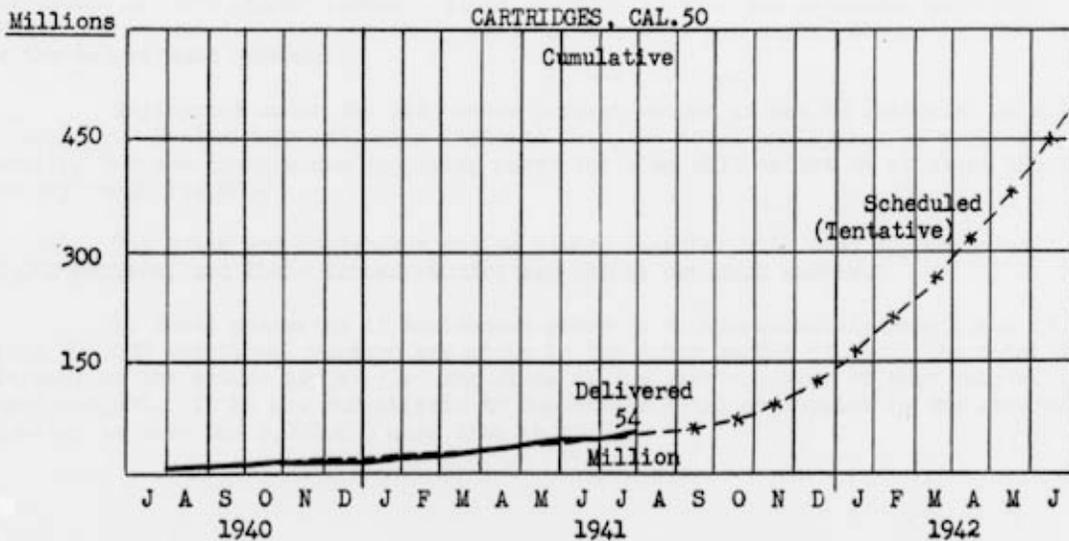
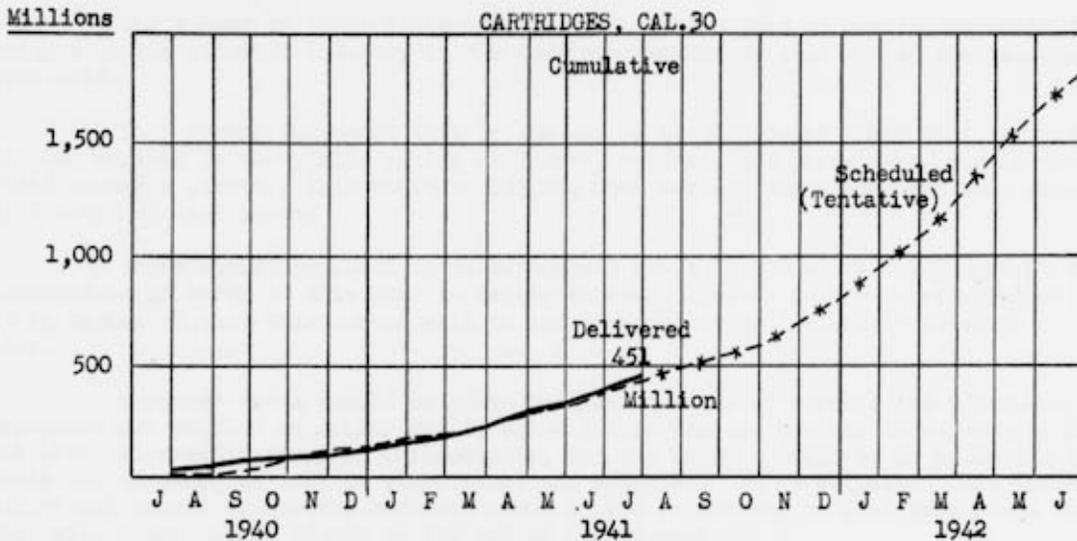
Item	Total procurement program (THOUSANDS)	Delivered thru July 15 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	4	2
Bomb, demo., 100#, 300#, 500#	1,315	60	47	47	7	5
Bomb, demo., 1000#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	351	18	99	99	12	5
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	79	66	66	5	4
Flares	320	152	83	83	67	48
Signals	2,054	573	33	33	29	28
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	12,786	22	21	21	-	-
Shell, 3", H.E.	2,267	69	57	57	4	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	1,733	0	3	3	0	0
Shell, H.E., 75mm how.	4,279	226	58	58	6	5
Shell, H.E., 105mm how.	11,793	62	8	8	1	1
Shell, H.E., 155mm gun	1,081	0	32	32	0	0
Charge, prop., 155mm gun	1,084	225	98	98	20	21
Shell, H.E., 155mm how.	4,299	5	77	77	-	-
Shell, g & s, 155mm how.	1,224	276	66	66	24	23
Charge, prop., 155mm how.	5,759	758	76	76	13	13
Primer, 21 gr.	8,153	299	83	83	4	4
Fuzes (All)	11,777	3,081	49	49	26	26
<u>Infantry</u>						
Cartridge, cal.30	4,166,444	450,618**	91	91*	10**	11**
Links, met. belt, cal.30	1,011,225	85,023	74	74*	8	8
Cartridge, cal.45	606,476	125,980	100	100*	18	21
Cartridge, cal.50	905,458	53,990**	100	100*	6**	6**
Links, met. belt, cal.50	2,444,920	43,825	89	89*	2	2
Shot & shell, 37mm	19,589	237	19	19	1	1
Shell, H.E., 60mm	8,882	36	31	31	-	-
Shell, H.E., 81mm	3,764	116	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signals, ground & light	3,215	356	53	53	15	11
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative.

\*\* Thru July 31.

SMALL ARMS AMMUNITION - DELIVERIES AND SCHEDULES - JULY 31, 1941

Source of Information: Office, Ass't Chief, Ind. Service, Ord. Dept.(Production)



TEXT SUMMARY - LABOR REQUIREMENTS IN THE AIRCRAFT INDUSTRY IN 1942

Source of Information: Bureau of Labor Statistics, Department of Labor

The Bureau of Labor Statistics has made an analysis of the requirements for workers in the aircraft industry in the remaining months of 1941 and in the calendar year 1942.

This survey indicates that by the end of next November there will be needed 405,000 workers in the plants making airframes, engines, and propellers, and in the final assembly plants. This would be 185,000 more workers than those who were employed at the end of last March.

There should be added to these numbers about 70,000 workers employed by sub-contractors in March of this year in making subassemblies or in the fabrication of parts. It is estimated that this number will be increased to about 175,000 by November of this year.

Moreover there should be added to these classes of workers the additional employees now engaged in making small, non-military planes, besides those working in the Naval Aircraft Factory in Philadelphia, and the workers employed in making instruments and accessories such as spark plugs and magnetos. It is estimated that these additional groups of workers numbered about 25,000 at the end of last March, and that they will number about 55,000 by the end of next November.

The figures show that as of the end of last March there were about 315,000 workers engaged in the industry as a whole. It was estimated last March that by the end of next November the number of workers engaged in all branches of the industry would amount to 635,000. Since that time new contract awards have lifted these requirements to even higher levels. It is doubtful if even the estimates made last spring can be met for it is unlikely that the industry can expand beyond 635,000 workers by the end of next November.

Employment under the new bomber program cannot as yet be scheduled at all accurately. Preliminary estimates indicate that the total employment of workers assembling the new bombers and supplying parts for them will amount to at least 180,000 and may reach 235,000.

The Buick and Studebaker engine plants together will need approximately 22,000 workers, and their subcontractors may employ an equal number.

If these estimates of employment prove to be approximately right, and if about 225,000 additional workers are added in the early months of 1942, the total employment in the entire industry at the close of the first quarter of next year will be about 860,000. It is not unrealistic to expect the total employment in the aircraft industry to pass the 1,000,000 mark late in 1942.

TABULAR SUMMARY - AIRCRAFT 1942 LABOR REQUIREMENTS

Source of Information: Bureau of Labor Statistics - Labor Department

Employment in plants of final assembly	405,300	
Employment in non-military aircraft plants, naval aircraft factories, and instrument and accessory plants	55,000	
Employment by subcontractors for parts and sub-assemblies, etc.	174,500	
	<hr/>	
Total employment as of November 30, 1941		634,800
Anticipated minimum employment in the 4 bomber plants and their suppliers	180,000	
Anticipated employment by Buick, Studebaker, and their parts suppliers	44,000	
	<hr/>	
Additional anticipated employment		224,000
		<hr/>
Total employment early in 1942		858,800



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

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

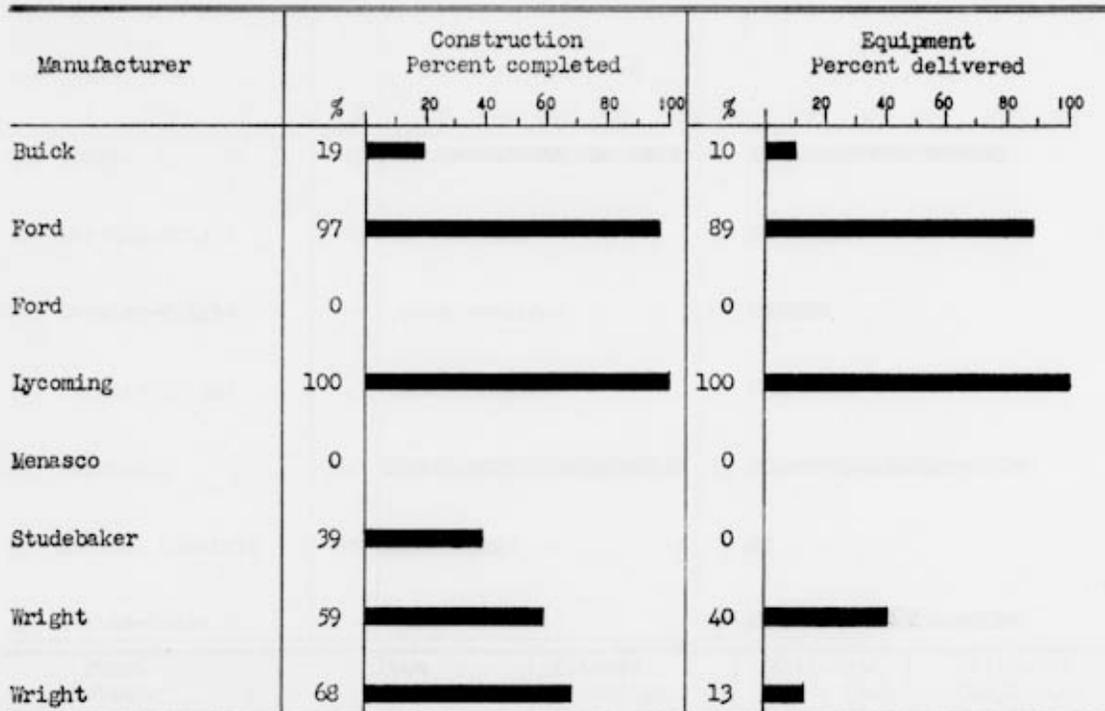
Manufacturer	Construction Percent completed					Equipment Percent delivered						
	%	20	40	60	80	100	%	20	40	60	80	100
Curtiss-Wright	76						63					
Curtiss-Wright	68						20					
Douglas	92						55					
Douglas	0						0					
Fairchild	95						84					
Ford	0						0					
Martin	45						56					

Manufacturer	Plant Location	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
Curtiss-Wright	Columbus, Ohio	1,156	13	\$14,381	9-41	8-41
Curtiss-Wright	St. Louis, Mo.	1,163	11	15,145	10-41	3-42
Douglas	Long Beach, Cal.	1,422	12	13,055	8-41	12-41
Douglas	Long Beach, Cal.	1,310	13	12,619	?	?
Fairchild	Hagerstown, Md.	108	1	1,168	8-41	10-41
Ford	Ypsilanti, Mich.	3,882	45	47,620	?	?
Martin	Middle River, Md.	2,635	27	25,690	10-41	1-42



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

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



Manufacturer	Plant Location	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
Buick	Melrose, Ill.	2,444	12	\$41,342	11-41	11-42
Ford	Dearborn, Mich.	1,034	9	23,923	8-41	10-41
Ford	Dearborn, Mich.	402	17	14,009	?	?
Lycoming	Williamsport, Pa.	114	1	1,597	6-41*	7-41*
Menasco	Burbank, Cal.	55	1	1,639	?	?
Studebaker	S. Bend-Ft. Wayne-Chicago	1,697	14	49,786	10-41	12-41
Wright	Lockland, Ohio	2,120	15	43,037	8-41	12-41
Wright	Patterson, N.J.	488	1	3,425	8-41	9-41

\*Actual completion date.

Air Corps

Statistics Branch  
OUSW - 8-9-41



NEW MISCELLANEOUS AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - JULY 15, 1941

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

Manufacturer	Construction					Equipment						
	Percent completed					Percent delivered						
	%	20	40	60	80	100	%	20	40	60	80	100
(a) Jack & Heintz	0						25	█				
(b) Ohio Crankshaft	99	█	█	█	█	█	84	█	█	█	█	
(c) Otis Elevator	72	█	█	█	█		62	█	█	█		
(d) Reynolds Metal	85	█	█	█	█		51	█	█	█		
(e) Scintilla Division	100	█	█	█	█	█	60	█	█	█		
(f) Vickers	100	█	█	█	█	█	40	█	█			
(g) Wyman-Gordon	50	█	█				35	█				

Plant Location	Item to be produced	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
(a) Bedford, Ohio	Engine Starters	85	1	\$1,689	10-41	1-42
(b) Cleveland, Ohio	Engine Parts	199	1	3,968	7-41	1-42
(c) Harrison, N.J.	Engine Parts	241	1	6,955	9-41	12-41
(d) Louisville, Ky.	Aluminum	133	1	2,921	8-41	12-41
(e) Sidney, N.Y.	Magnetos	285	4	2,801	3-41*	2-42
(f) Detroit, Mich.	Hydraulic Controls	68	1	895	5-41*	9-41
(g) Harvey, Ill.	Steel Forgings	143	1	3,180	8-41	10-41

\* Actual completion date.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 7/31/41	Pending (less awards)		
					F.Y. 1941 "B" program modified	10,375 Fifth Supp. modified	12,000 Program modified
<u>Airplanes</u>							
Heavy bomber	4,902	2,246	46	91	-	-	2,656
Medium bomber	5,816	4,616	79	231	-	-	1,200
Light bomber	1,882	1,382	73	186	500	-	-
Pursuit, fighter	1,859	709	38	49	-	-	1,150
Pursuit, interceptor	9,244	4,394	48	802	-	-	4,850
Observation	533	533	100	133	-	-	-
Transport	1,358	1,118	82	54	-	-	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	25,685	15,089	59	1,560	500	-	10,096
<u>Trainers</u>							
Primary trainer	5,940	5,490	92	1,945	-	-	450
Basic trainer	6,151	5,051	82	1,264	-	-	1,100
Adv. trainer, 1-eng.	3,657	3,297	90	660	-	-	360
Adv. trainer, 2-eng.	3,682	2,632	71	97	-	-	1,050
Total Trainer	19,430	16,470	85	3,966	-	-	2,960
Grand Total	45,115	31,559	70	5,526	500	-	13,056
<u>Engines</u>							
Heavy bomber	19,612	7,468	38	1,664	-	1,520	10,624
Medium bomber	12,432	4,420	36	879	12	4,800	3,200
Light bomber	3,576	2,576	72	857	1,000	-	-
Pursuit, fighter	3,720	1,394	37	213	26	-	2,300
Pursuit, interceptor	9,244	4,394	48	1,070	-	-	4,850
Observation	533	533	100	351	-	-	-
Transport	2,838	1,622	57	118	208	528	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	52,137	22,589	43	5,186	1,246	6,848	21,454
<u>Trainers</u>							
Primary trainer	5,940	5,490	92	2,603	-	-	450
Basic trainer	6,151	3,051	50	1,335	-	2,000	1,100
Adv. trainer, 1-eng.	3,657	2,297	63	1,431	-	1,000	360
Adv. trainer, 2-eng.	7,364	2,164	29	777	-	3,100	2,100
Total Trainer	23,112	13,002	56	6,146	-	6,100	4,010
Grand Total	75,249	35,591	47	11,332	1,246	12,948	25,464

(a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941-1942 programs for project airplanes and installation engines.

Note: "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - August 7, 1941

Source of Information: Statistics Branch, CQMG - F. Y. 1941

GENERAL -- As of July 23, 1941, contract awards have been made on all of the 132 critical and essential quartermaster items. Of the total programs of the 132 items an average of ninety-seven percent has been contracted and an average of eighty-seven percent has been procured; the latter figure includes transfers from CCC stocks. Of the thirty-five items which are being procured under the \$150,000,000 Deficiency Appropriation, an average of ninety-nine percent has been completely contracted, and an average of twenty-three percent has been delivered.

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

Cover, mattress	Shoes, service
Goggles	Trousers, serge, o.d.
Shirt, flannel	Trousers, working, denim

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

DELIVERIES -- During the quarter-monthly period ended July 23, 1941, deliveries were effected on all but 42 of the 132 items; of these 26 items have been completely procured; 9 are on schedule; 2 have no current schedule, and 5 are behind schedule.

SCHEDULES AND DELINQUENCIES -- Of the 132 items, 102 are on or ahead of schedule; 2 have no current schedule; 28 are behind schedule.

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

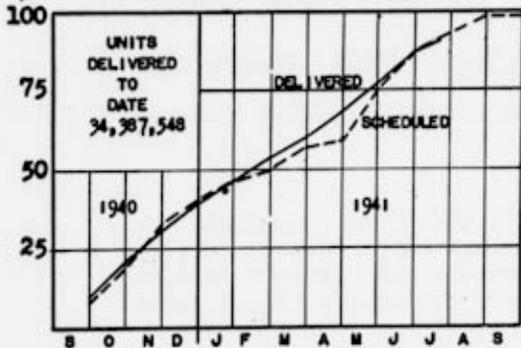
Item affected	Man days lost*	Contractor's Name & Address
Building Materials	175,000	U.S. Gypsum Co., Chicago, Illinois
Files, axes & similar tools	29,250	Heller Bros. Co., Newcomerstown, Ohio
Parts for QMC	18,000	Timken Roller Bearing Corp., Columbus, O.
Dressed Meat	13,300	N.Y. Butchers Dressed Meat Co., N. Y. C.
Serge Cloth	9,240	Premier Worsted Co., Woonsocket, R. I.
Metal Partitions	8,400	E. J. Hauserman Co., Cleveland, Ohio
Raincoats	7,000	Atlas Powder Co., Stamford, Conn.
Undershirts & Drawers	4,000	Appalachian Knitting Mills, Knoxville, Tenn.
Trousers	3,600	McLaren Sportswear Co., Phillipsburgh, Pa.
Constr. of Ord. Plant	1,800	Plumbrook Ordnance Plant, Sandusky, Ohio
Motor Vehicles	456	Springfield Mfg. Co., Springfield, Ohio

\*Based on six working days per week

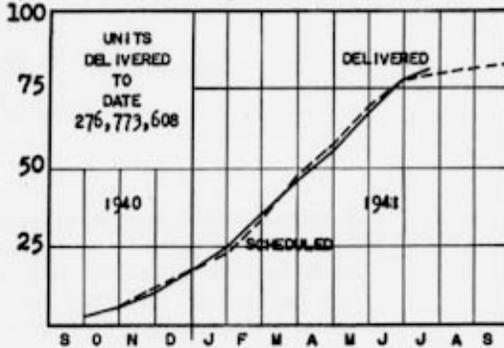
**STATUS OF Q.M. PROCUREMENT** - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

Source of Information: Statistics Branch, OQMG - July 23, 1941

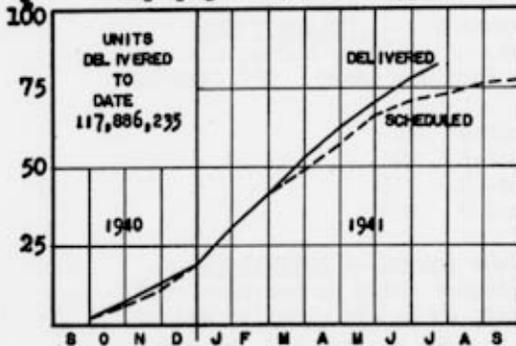
**Critical - 17 basic types**



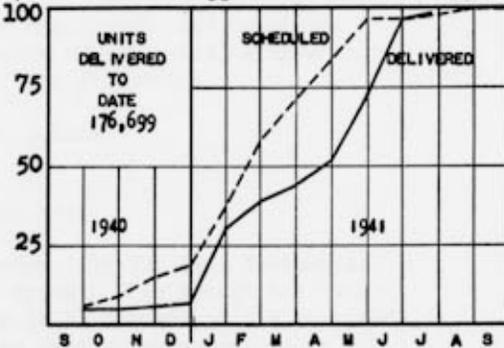
**Clothing - 61 basic types**



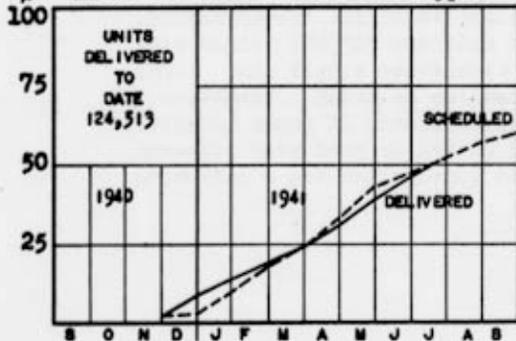
**Equipage - 45 basic types**



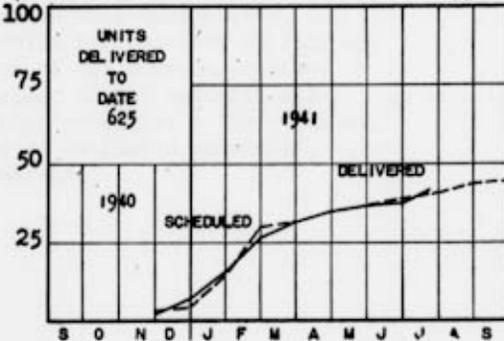
**General Supplies - 11 basic types**



**Motor Vehicles - 172 basic types**



**Rail & Water Items - 86 basic types**



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - July 23, 1941

Source: Statistics Branch, OQMG - F. Y. 1941

GENERAL -- As of July 23, 1941, contracts have been awarded for 224,340 vehicles of all types, obligating funds to the extent of 307 million dollars. The combined programs are currently estimated to total 244,713 vehicles of which 92 percent has been contracted and 51 percent delivered. These amounts include 10,640 vehicles being procured by the Q.M.C. for the Supply Arms and Services, for which funds have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 892 vehicles at a cost of \$941,202. These vehicles consist of the following:

16	Medium 5-Pass. Sedans
528	$\frac{1}{2}$ -ton Trucks
148	2 $\frac{1}{2}$ -ton Trucks
200	6-ton Semi-Trailers

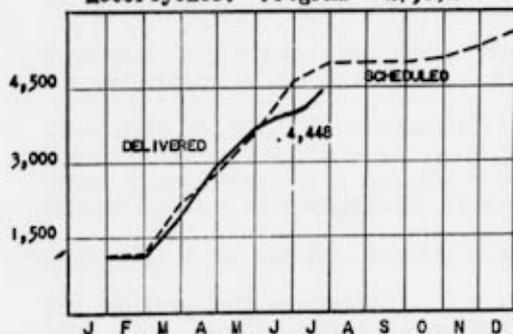
DELIVERIES -- During the period ended July 23, 1941 deliveries were reported on 6,162 vehicles of all types. This brings the cumulative delivery figure to 124,513 which is 51 percent of the combined programs, the cost to date of cumulative deliveries amounting to 160 million dollars.

SCHEDULES AND DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 128,319 vehicles were scheduled for delivery by July 23, 1941. This figure represents 52 percent of the current proposed procurement. Based on estimated schedules, 10,069 vehicles distributed among 14 manufacturers are behind schedule; 6,263 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 3,806 vehicles.

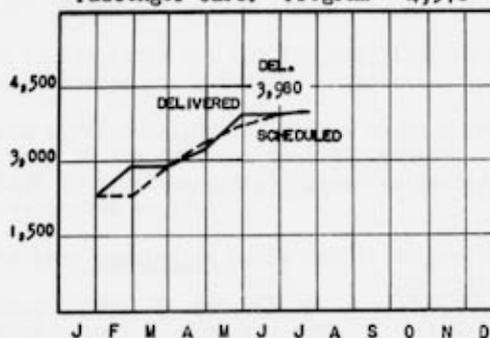
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - July 23, 1941

Source of Information: Statistics Branch, QMG

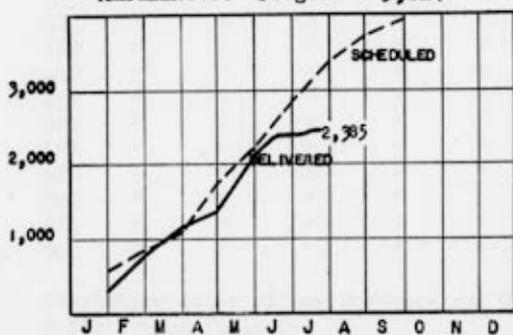
Motorcycles. Program - 27,892



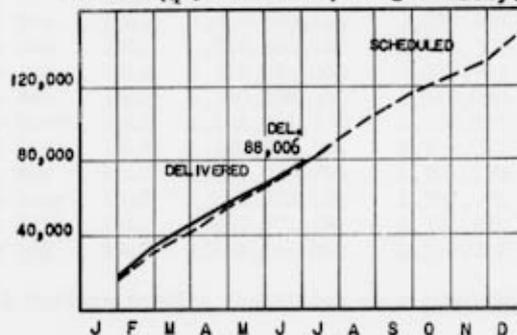
Passenger Cars. Program - 4,578



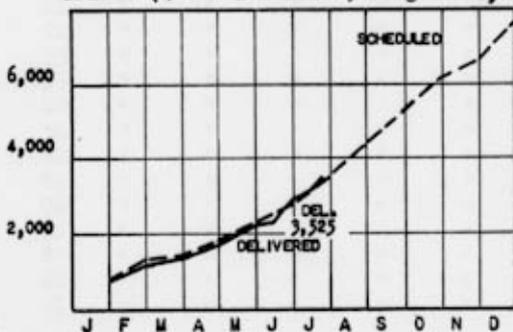
Ambulances. Program - 5,614



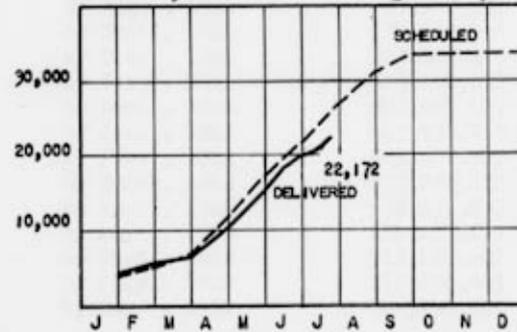
Trucks (1/2-3 ton incl.) Program-162,431



Trucks (4-ton & heavier) Program-8,001



Trailers, Semi-Trailers. Program-36,189



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

Source: Statistics Branch, OQMG - OUSW

Percentage of construction in place for all Q.M. emergency construction projects based on latest estimated total cost of \$1,677,347,597 is 66% (\$1,102,971,798).

Percentage of contracts awarded of total funds available is 53% (\$1,129,027,711); this low percentage is due to retention of original estimates for fixed-fee contracts.

As of July 19, 1941, of 50 Camps and Cantonments under construction with a troop housing capacity of 946,158 at a cost of \$621,914,853, 37 are from 96% to 100% complete. These 37 projects have a capacity of 821,389 (62% of total capacity); their estimated completion cost is \$520,253,210 (31% of total estimated cost).

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

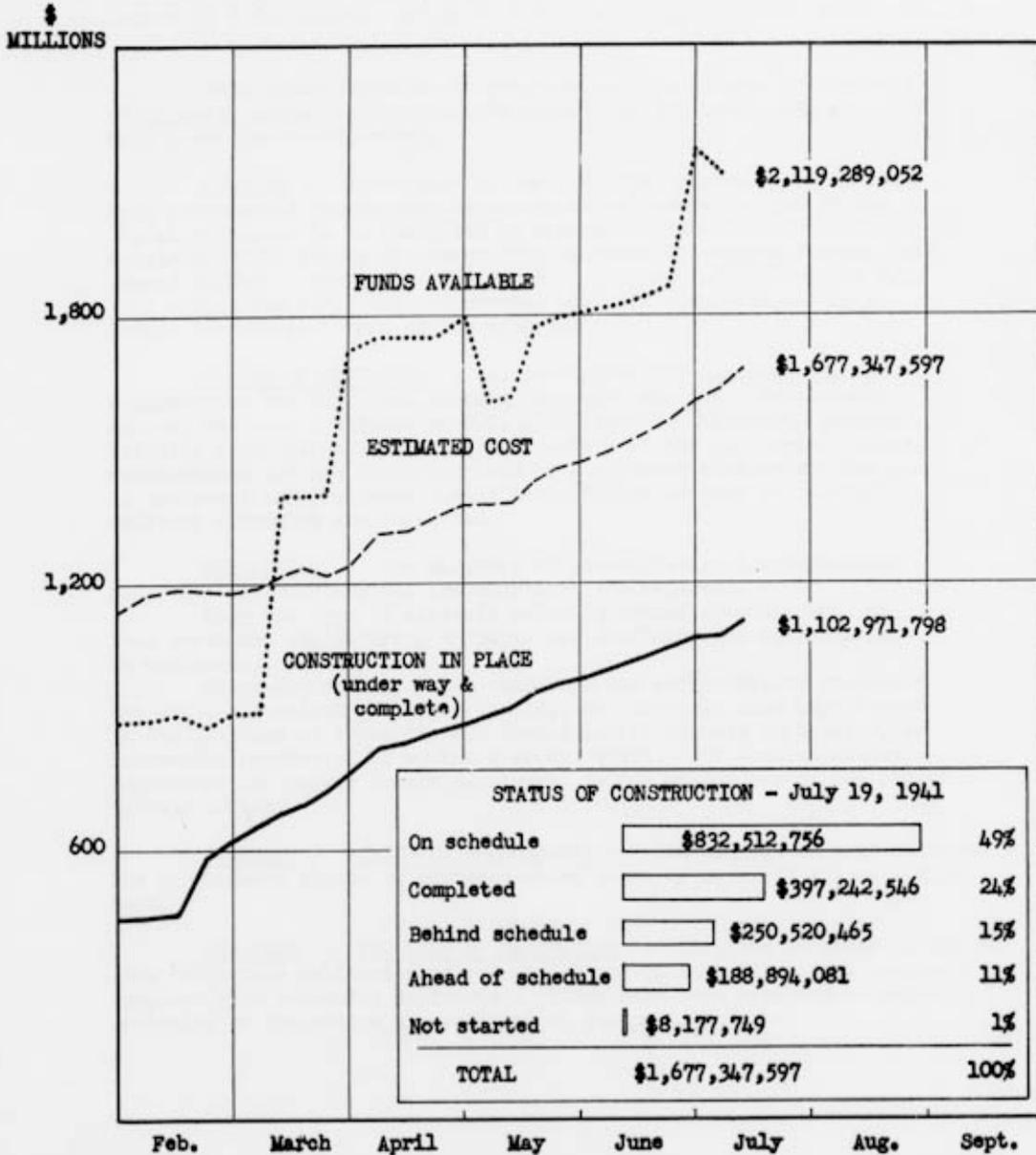
			Cost	Capacity
117 projects were completed	by June , 1941	\$	397,242,546	740,359
132 " are scheduled for completion	by July , 1941		494,185,303	841,685
195 " " " " "	by Aug. , 1941		641,193,575	992,101
304 " " " " "	by Sept. , 1941		877,439,726	1,129,298
393 " " " " "	by Oct. , 1941		1,015,796,687	1,224,488
411 " " " " "	by Nov. , 1941		1,058,699,449	1,279,600
433 " " " " "	by Dec. , 1941		1,246,982,186	1,305,308
442 " " " " "	by Jan. , 1942		1,312,984,063	1,317,903
457 " " " " "	by Feb. , 1942		1,399,296,310	1,318,048
466 " " " " "	by March, 1942		1,454,961,538	1,318,915
481 " " " " "	by Apr. , 1942		1,520,521,554	1,319,047
489 " " " " "	by May , 1942		1,561,033,993	1,321,130
503 " " " " "	by June , 1942		1,661,772,089	1,332,974
504 " " " " "	by July , 1942		1,663,971,127	1,332,974
509 " " " " "	by Aug. , 1942		1,669,164,848	1,333,842

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

		Cost
5 projects were completed	by June , 1941	\$ 7,058,170
5 " are scheduled for completion	by July , 1941	7,058,170
11 " " " " "	by Aug. , 1941	57,967,620
21 " " " " "	by Sept. , 1941	193,060,568
33 " " " " "	by Oct. , 1941	243,885,878
35 " " " " "	by Nov. , 1941	246,900,092
48 " " " " "	by Dec. , 1941	398,627,407
54 " " " " "	by Jan. , 1942	443,938,758
62 " " " " "	by Feb. , 1942	523,487,567
69 " " " " "	by March, 1942	573,830,827
76 " " " " "	by Apr. , 1942	638,634,830
81 " " " " "	by May , 1942	676,431,419
87 " " " " "	by June , 1942	717,477,807
88 " " " " "	by July , 1942	719,676,845
91 " " " " "	by Aug. , 1942	724,196,345

Q.M.C. - CUMULATIVE CONSTRUCTION PROGRESS - July 19, 1941

Source: Construction Division, OCMG - Statistics Branch, OUSW



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AUGUST 2, 1941

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

This report pertains to progress on Signal Corps procurement of Aircraft signal equipment. The report for the week ended August 9 will cover Ground equipment.

PROGRAM - A revision of the F.Y. 1942 aircraft signal equipment procurement program was necessitated by recent changes in the signal equipment to be installed in aircraft. When this revision is completed, F.Y. 1942 procurement will be added to program figures contained in this report. For the present, program figures are for F.Y. 1941 only. The F.Y. 1940 procurement has been completed and is no longer carried as a part of the program.

STATUS OF CONTRACTS - All contracts for aircraft signal equipment on the F.Y. 1941 program have been awarded. Procurement has not yet been initiated on F.Y. 1942 items for aircraft, pending definite information as to the requirements of the Air Corps. These requirements are now being computed in accordance with recent changes in equipment and procurement will be initiated as soon as aircraft delivery schedules are furnished.

DELIVERIES - The delivery of aircraft signal equipment is generally satisfactory and few shortages are apparent.

Only one type of aircraft radio is behind schedule and, in this instance, ample "Group A" parts are available for installation in airframes.

Frequency meters, radio compasses and marker beacon receivers are still appreciably behind schedules, but there is some improvement in the delivery of these items. Bendix Radio, compass contractor, is increasing production by adding a second shift. Air Communications, contractor for marker beacon receivers, is now making weekly deliveries in fair volume.

DIAGRAM - STATUS OF PROCUREMENT - The diagram on page 34 shows the procurement status of representative items of aircraft signal equipment.

DIAGRAMS - PROGRESS OF DELIVERIES - Diagrams on pages 35 and 36 show the actual deliveries of selected items of aircraft signal equipment compared with scheduled deliveries. Items have been selected as representative of the entire aircraft signal equipment program.

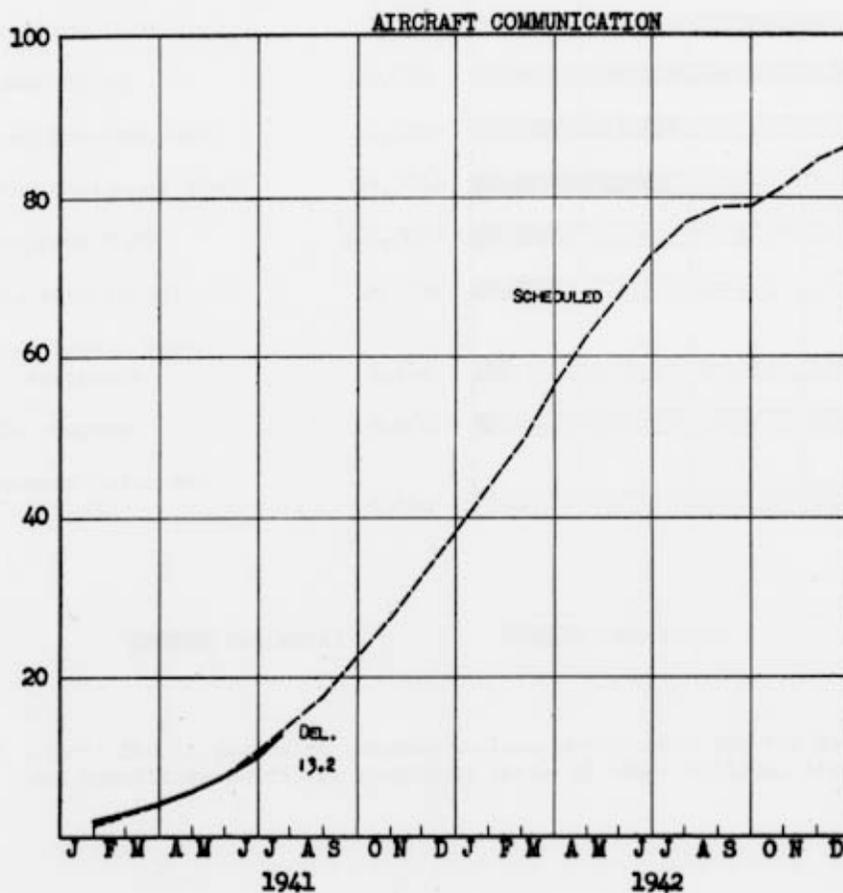
INDEX OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - August 2, 1941

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

Index shows status of Signal Corps procurement of Aircraft Communication Equipment for the F.Y. 1941.

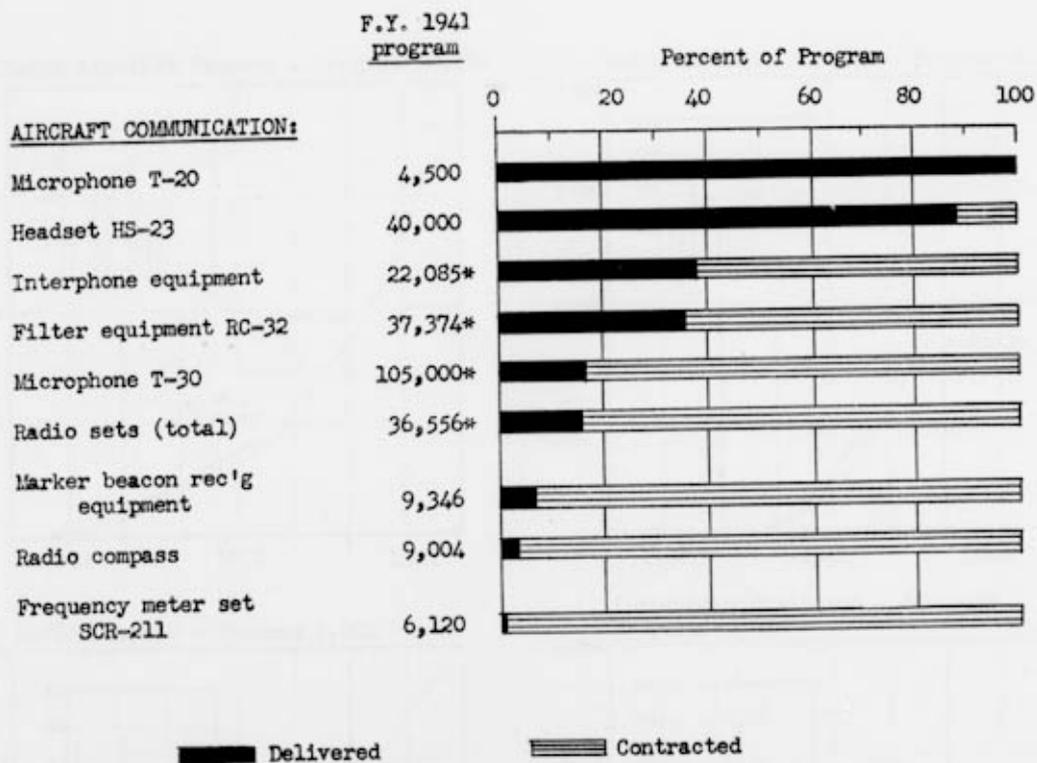
Figures are based upon the scheduled and actual deliveries of thirty-three critical items and components, which have been weighted according to the estimated unit cost of each.

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



STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - AUGUST 2, 1941

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

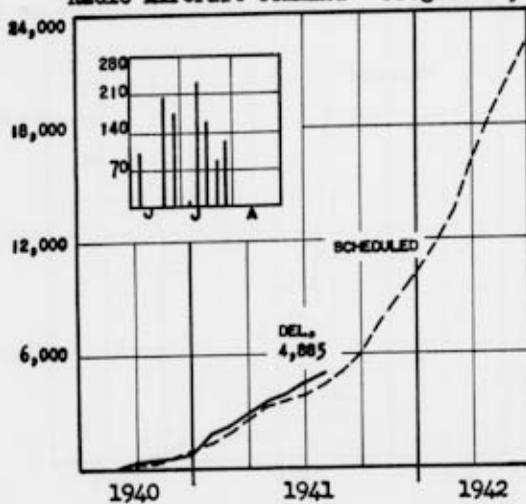


\* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

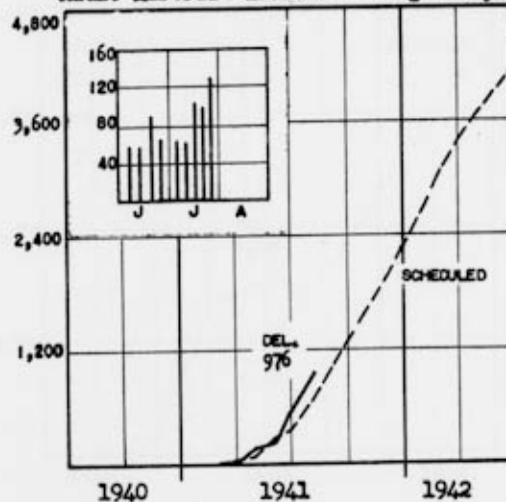
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
AS OF AUGUST 2, 1941

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

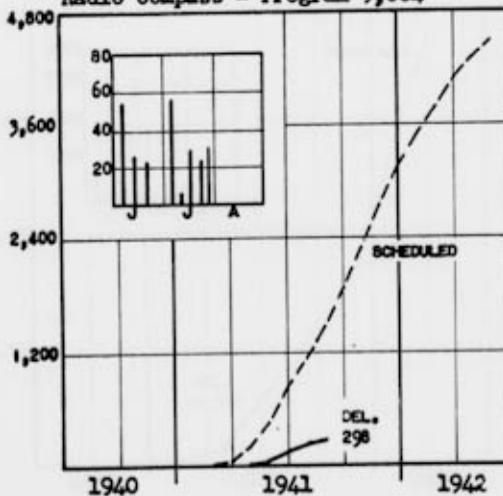
Radio Aircraft Command - Program 28,079



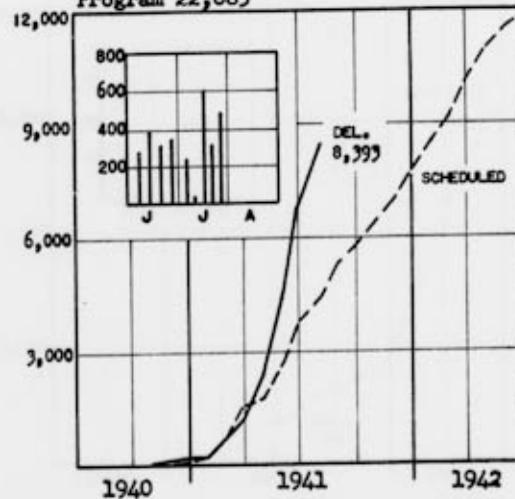
Radio Aircraft Liaison - Program 8,477



Radio Compass - Program 9,004

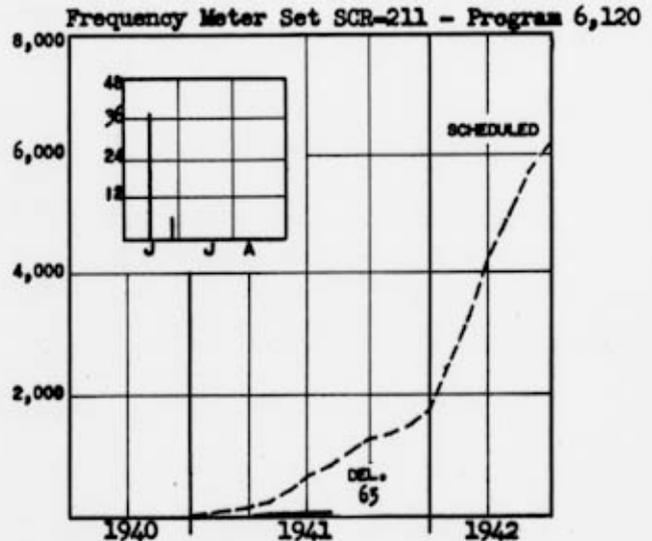
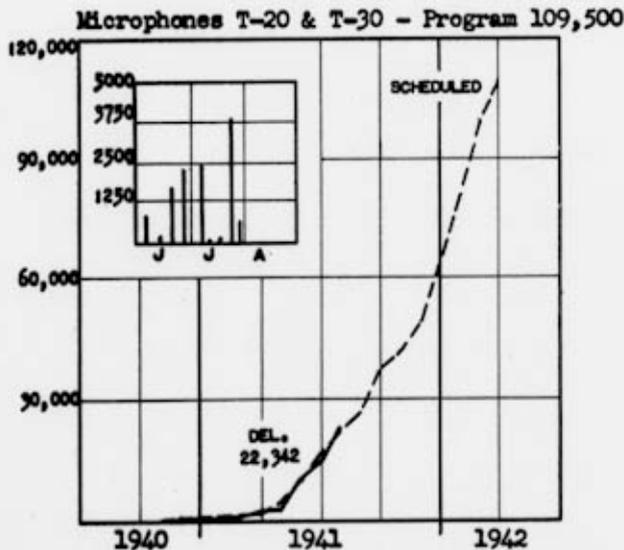
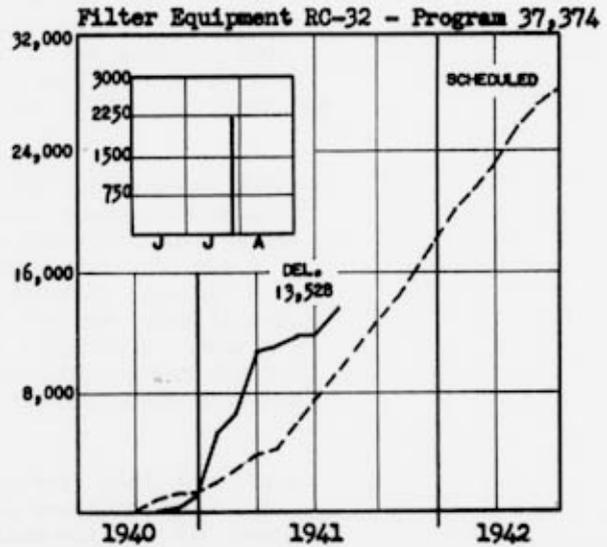
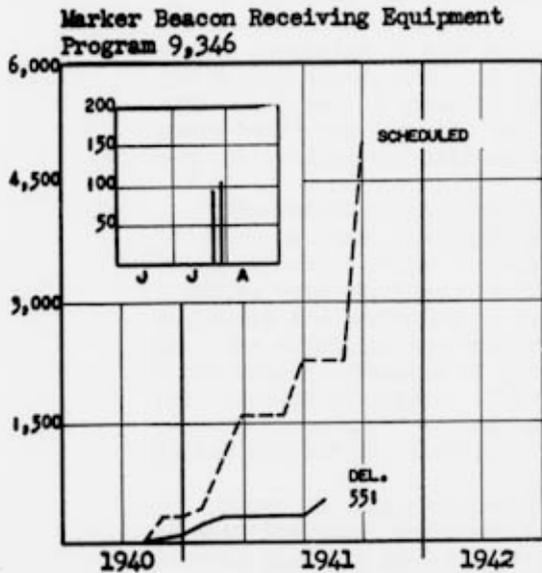


Interphone Equipment - Aircraft Program 22,085



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
AS OF AUGUST 2, 1941

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



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

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

During the first month of the new fiscal year the procurement of Engineer materiel proceeded rather slowly. Of the 54 items in the expenditure program deliveries were scheduled on only 21 items and were received on 18. At the beginning of the month 10 items were behind schedule and 6 were ahead, while at the close of the month 12 were behind and only 3 ahead of schedule. During July the programs were completed for two items--the 10-ton ponton bridge and the welding and cutting set.

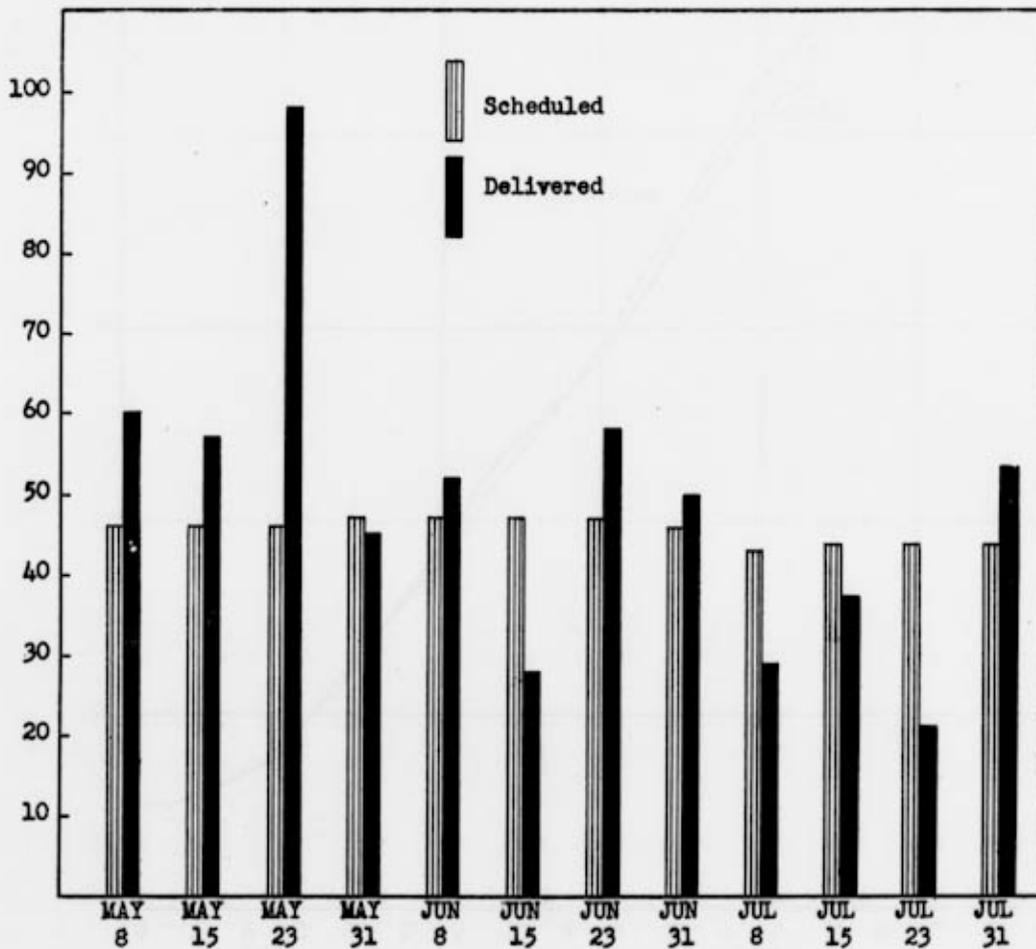
The materiel provided by the Fifth Supplemental Appropriation Act was scheduled to come into production in a large number of cases in July but in some instances no deliveries were received. With these new contracts the Engineers are beginning to run into priority trouble in that the suppliers are unable to get the raw material and parts required because of the higher priority of other services and suppliers. This is a situation which did not prevail a number of months ago when earlier contracts were filled without difficulty.

Since the Engineer program is so well along and since in most instances there are no actual troop shortages, it is very probable that higher priorities will not be obtained. If this is so, the program will look bad from a statistical viewpoint although from a military viewpoint the picture is very bright in that the initial requirements have been obtained.

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

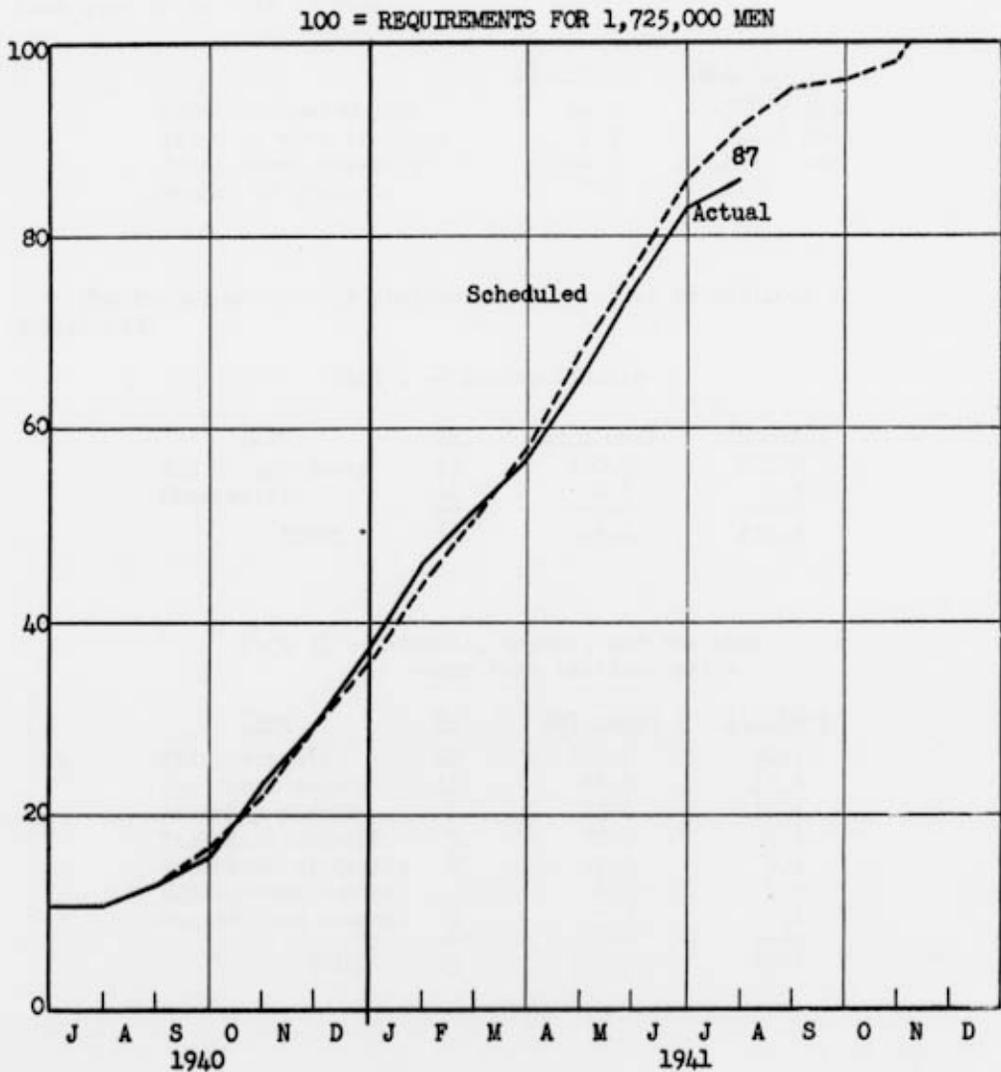
Source of Information: Supply Section, Office of the Chief of Engineers

60" ANTI-AIRCRAFT SEARCHLIGHTS



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

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



Corps of Engineers

37

Statistics Branch  
OUSE - 8-9-41

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

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

During the last period the Air Corps construction program has remained about level, but it is still increasing more rapidly than construction is being completed. The increases from June 30 to July 15 were:

	<u>Increase</u>	<u>July 15</u>
Total estimated cost	14.1	598.9 mls.
Value of work in place	12.9	222.6 mls.
Total troop capacity	5,196.0	274,851 men
Number of projects	0.0	126

The breakdown of this program showing values in millions of dollars is:

Part I -- Tactical Units

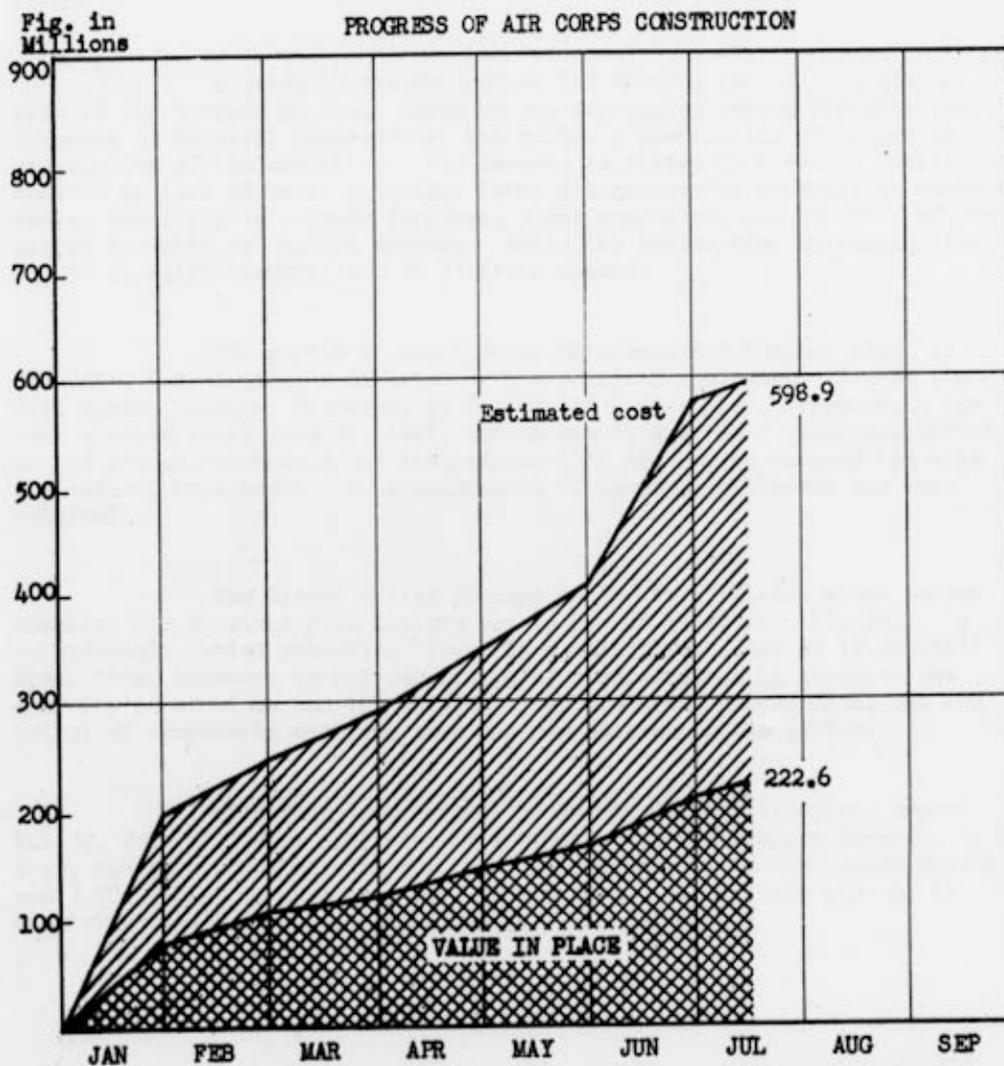
<u>Type</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
G.H.Q. air force	47	186.7	125.6
Observation	14	8.7	1.3
Total	61	195.4	126.9

Part II -- Schools, depots, and stations  
other than tactical units

<u>Type</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
Pilot schools	42	153.4	30.3
Air Corps depots	10	86.5	15.8
Assembly plants	4	73.6	11.4
Technical schools	6	72.0	32.6
Experimental depots	1	11.7	3.6
Replacement center	1	6.0	1.9
Weather and commun.	1	.3	.1
Total	65	403.5	95.7

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

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED AUGUST 9, 1941

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

A study of the Production Lag Report, issued from the Office of the Surgeon General, shows no one particular reason for slow deliveries of surgical instruments, but rather a combination of causes as provocative of the condition. The causes, as stated on previous occasions, consist in lack of basic material, labor disagreements, scarcity of machine tools, inability to procure forgings, plant expansion, and scarcity of required technically skilled workmen. While the latter are increasing, the supply is still insufficient to fill the demand.

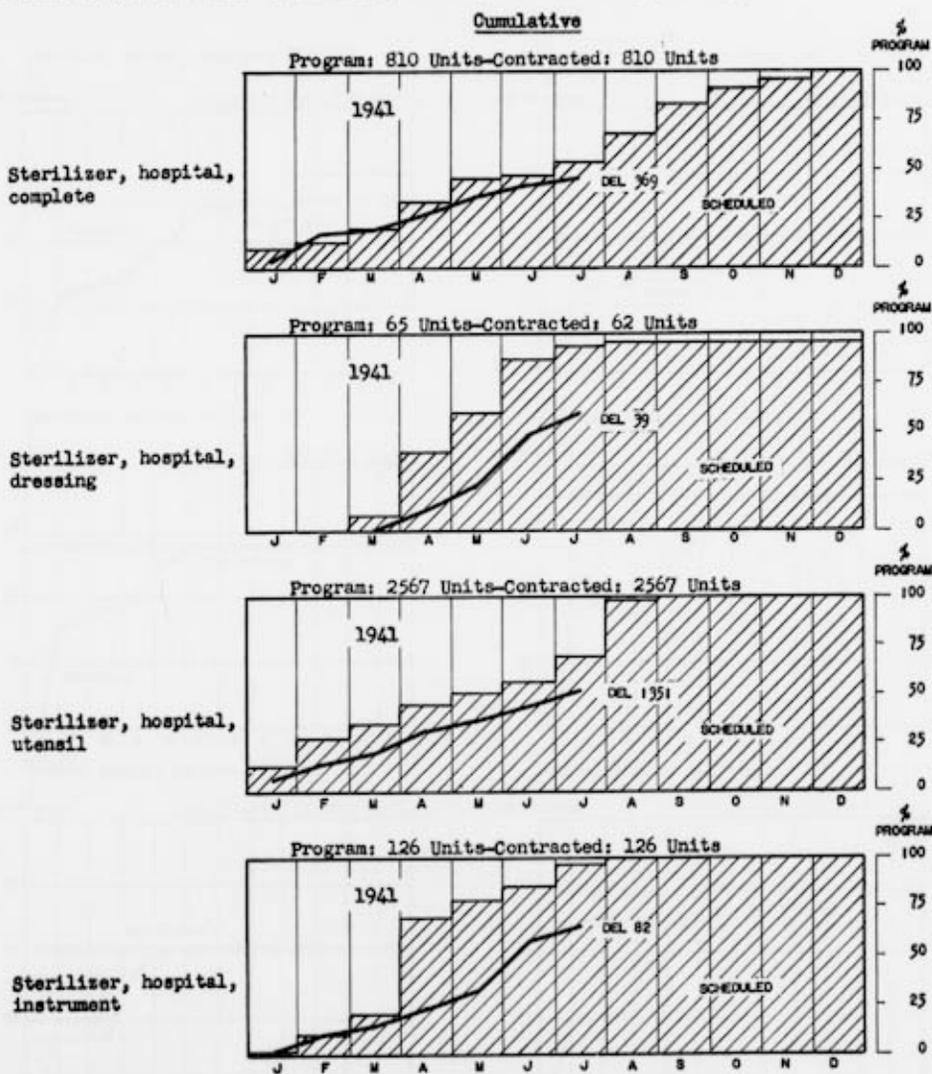
The strike at the Richter Manufacturing Company plant at Glendale, Long Island, a division of the surgical instrument firm of the Fred Haslam Company, Brooklyn, N. Y., is still unsettled. Production has been stopped since June 25, 1941, and is having a serious retarding effect on the several contracts for instruments that the Haslam Company has with the Medical Department. No announcement of pending settlement has been received.

The Zimmer Splint Company of New York, N. Y., whose second contract for Aluminum Pole Litters was to be completed July 17, 1941, is considerably behind schedule. There is a balance of 4,440 or 19.3% still due. This, however, is not surprising if consideration is given to the scarcity of aluminum and the difficulty of procuring canvas duck, the two principal components entering into the composition of the litter.

According to a summary of Weekly Vital Statistical Report No. 30, July 31, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 3.20. This percentage shows 2.78 remaining in hospitals and .42 in quarters.

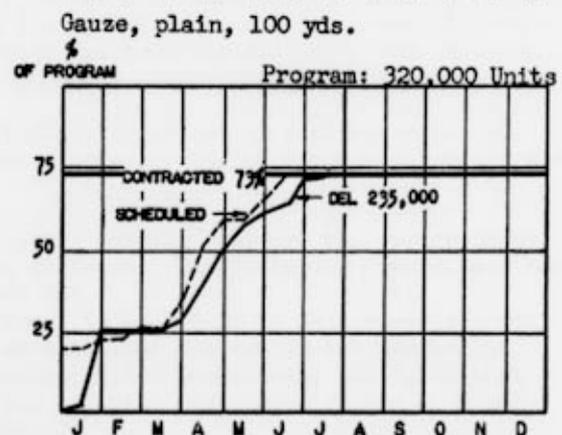
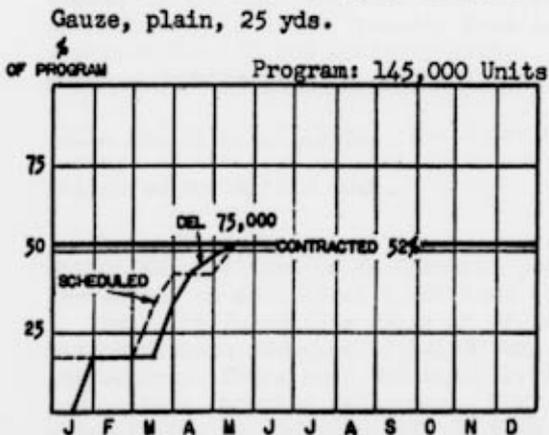
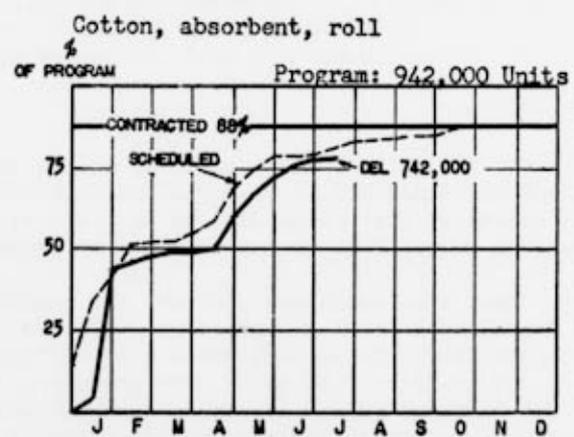
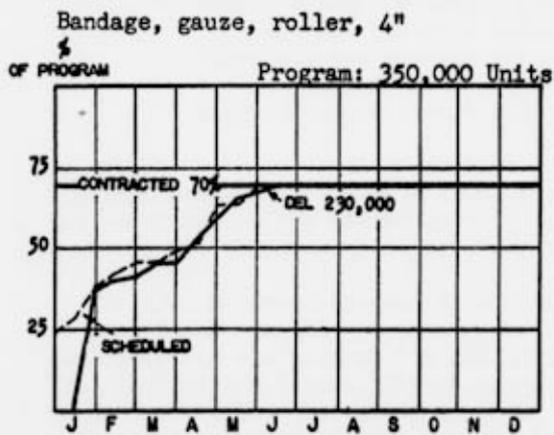
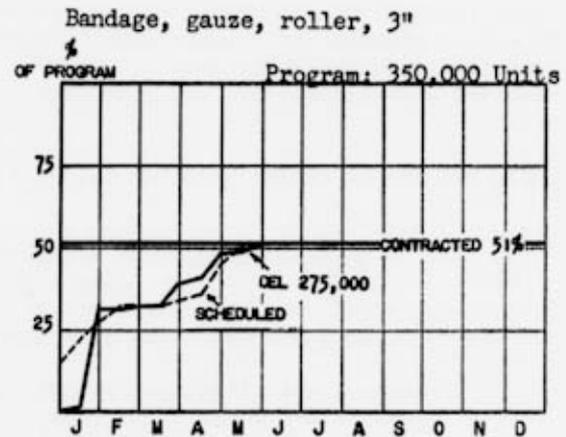
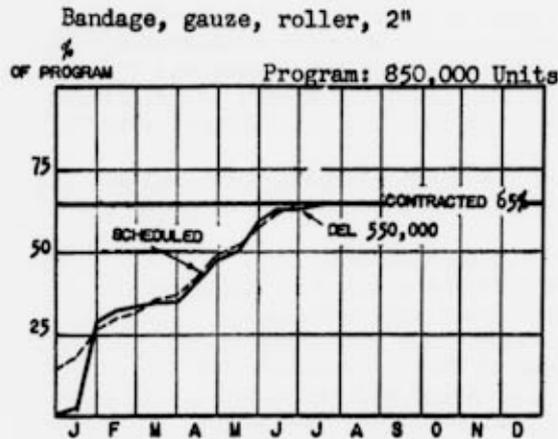
MEDICAL DEPARTMENT - DELIVERY STATUS, FOUR CRITICAL ITEMS - JULY 15, 1941

Source of Information: Medical Department Procurement Progress Report



MEDICAL DEPARTMENT - DELIVERY STATUS - SIX SELECTED ITEMS - JULY 15, 1941

Source of Information: Finance & Supply Division - Office of Surgeon General



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS AUGUST 1, 1941

Source of Information: Chemical Warfare Service Reports

The Chemical Warfare Service reports a decrease in its production of Chemical Warfare materiel as compared with the figures reported last week. The decrease is due in part to the completion of present contracts. However, a lack of component parts; low priorities of structural steel and steel plate necessary for plant equipment, seriously curtail production of Chemical material.

The following specific cases are recorded to point out the results of the low priorities given to Chemical Warfare Service.

1. The construction of the Columbus Clothing Renovating Plant is held up awaiting structural steel.
2. The same conditions exist at the New Cumberland Clothing Renovating Plant where the foundations have been complete, but structural steel is lacking.
3. At the Ogden Utah Clothing Renovating Plant, the foundations were completed June 5 of this year, while steel deliveries under an A-1-1 priority are scheduled for September 1.
4. The Fostoria C.W.S. Plant, Fostoria, Ohio, is awaiting three 200 ton presses ordered from Watson Stillman and one boiler ordered from Erie Boiler Company. A-1-a priorities will be necessary to obtain prompt deliveries.

GAS MASKS: The Gas Mask production this week is low in comparison with the figures reported the previous week. There were 12,756 Service Masks and 16,100 Diaphragm Masks delivered during the period covered by this report. No Optical Masks were reported; however, all the component parts for these masks have been received by Edgewood Arsenal.

The 1941 Edgewood Arsenal Manufacturing Orders for Training Gas Masks have been completed and assembly is now in progress on the 1942 contracts. A lack of canisters caused by the shortage of tin plate and whetlerite is a major problem of production. The plant of the General Tire Company is still tied-up with labor difficulties, and no deliveries have been made on their Training Gas Mask contracts during the past few weeks. It is reported that certain Medical Supplies are being manufactured by Johnston and Johnston in their Training Mask Assembly Plant, which is delaying production on a contract for 105,000 Training Masks. This delay has been authorized by the Chemical Warfare Service.

EXTRA GAS MASK CANISTERS: The Extra Gas Mask Canister situation remains unchanged because of the lack of Whetlerite and tin plate; however, 24,000 Service Canisters were delivered during the week.

The mustard gas production is reported as being normal; however, the entire plant output was utilized on an Ordnance production contract. Manufacturing Orders have been issued for an additional 6,000 tons of Mustard Gas.

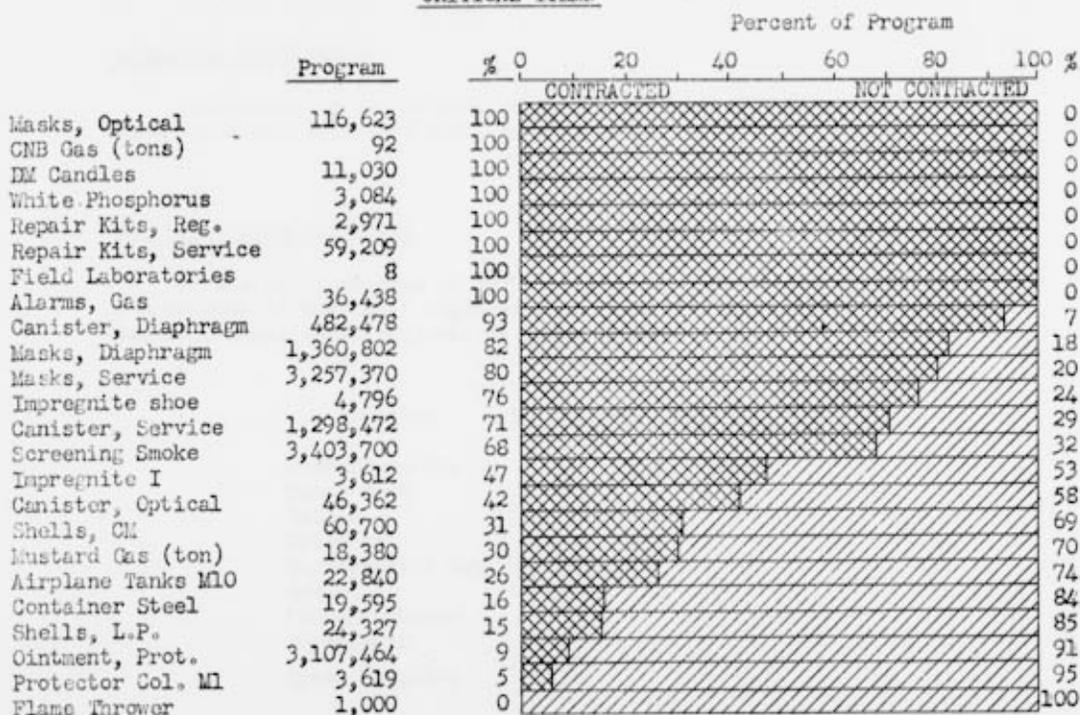
The Pilot Impregnite Plant at Edgewood Arsenal is operating at full capacity, and its production amounted to 14.53 tons of which 5.14 tons are now in the process of inspection. There were 870 D.M. Irritant Candles; 1,566 Smoke Pots; and 3,500 Dust Respirators reported delivered. The deliveries of White Phosphorus remain at a constant figure of approximately 52 tons per week.

CONTRACT STATUS OF SELECTED ITEMS  
PROCUREMENT PROGRAM 1940, 41 and 42

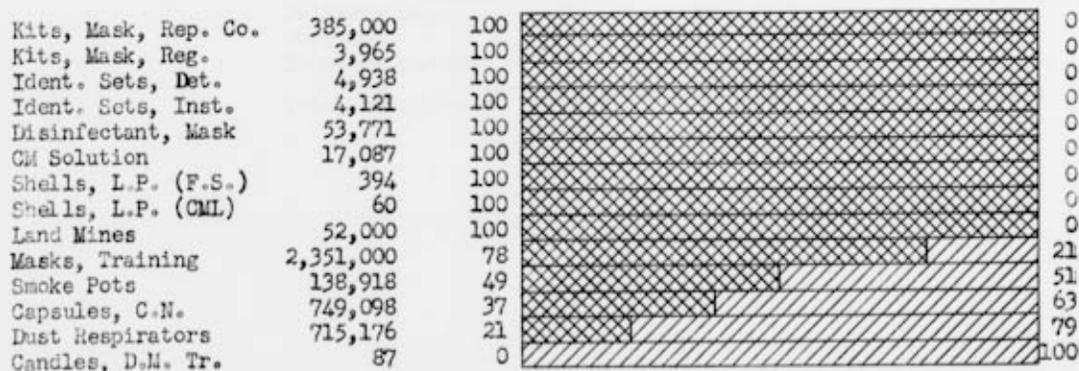
Source of Information: Chemical Warfare Service

August 1, 1941

CRITICAL ITEMS



ESSENTIAL ITEMS



TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JULY 31, 1941

Source of Information: Office, Chief of Coast Artillery

SUBMARINE MINE CABLE

Deliveries on the program of 3,630,000 feet of submarine mine cable are 3,511,050 feet, or 97 percent.

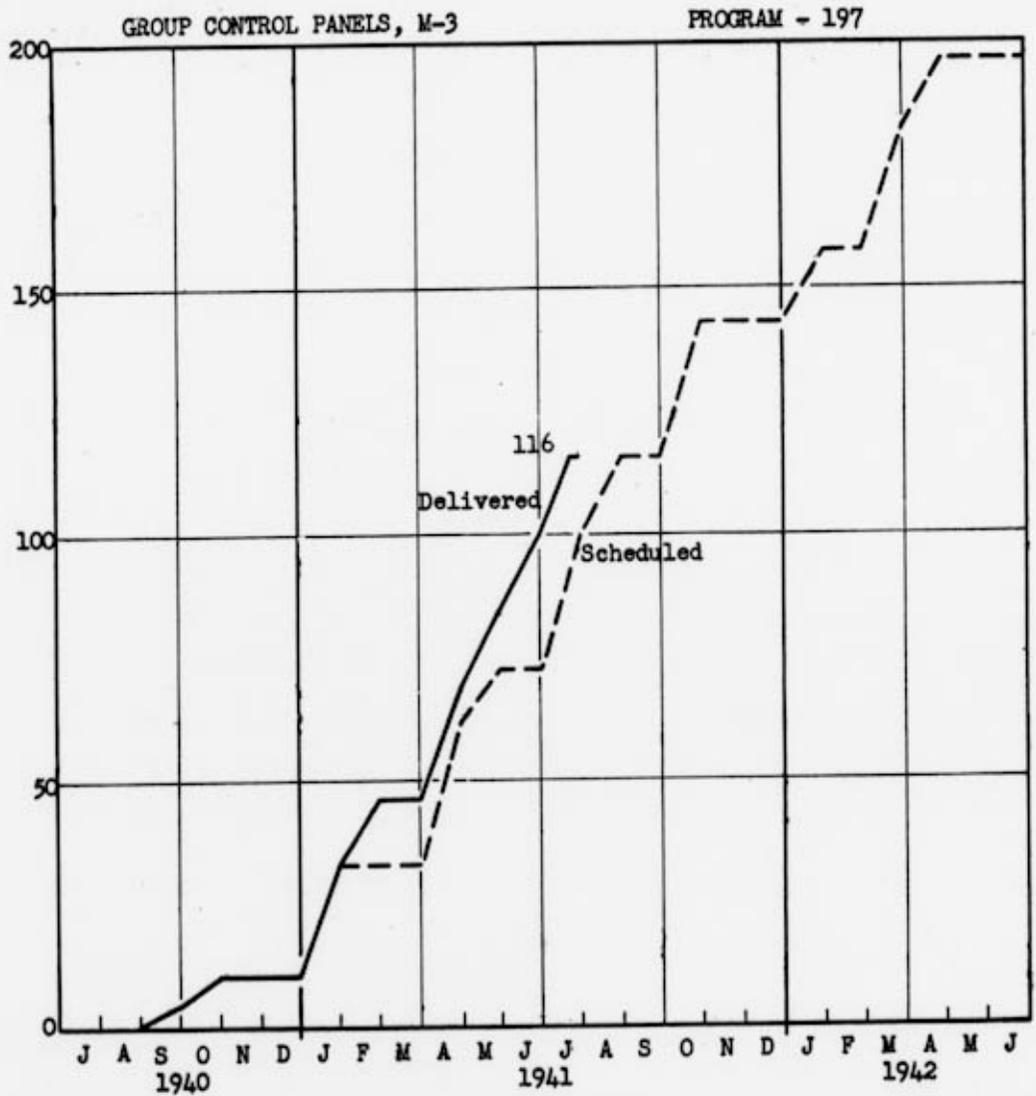
SUBMARINE MINE EQUIPMENT

Of the total program of 197 mine groups, 116 are delivered. A breakdown of the total together with scheduled completion dates of undelivered projects is shown below.

<u>Location</u>	<u>No. groups</u>	<u>Schedule date</u>
Chesapeake Bay	28	complete
Sandy Hook	23	"
Balboa	16	"
Cristobal	15	"
Narragansett Bay	12	"
Boston	9	"
Columbia River	7	"
Portsmouth	6	"
Total complete	116	
Manila	28	Oct. '41
San Francisco Bay	14	Jan. '42
Delaware Bay	25	Mar. '42
Portland	10	Apr. '42
Southern New York	4	Apr. '42
Total undelivered	81	

DIAGRAM - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JULY 31, 1941

Source of Information: Office of the Chief of Coast Artillery



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OFFICER TO WHOM ISSUED AND LOCKED  
UP WHEN NOT IN USE.

*PSF  
War*

WEEKLY STATISTICAL REPORT

No. 7

**RELEASED**  
*Leonard D. Ayres*  
BRIGADIER GENERAL LEONARD D. AYRES  
DIRECTOR, STATISTICS BRANCH

**SUMMARY**

Franklin D. Roosevelt Library

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Date- *3-5-59*

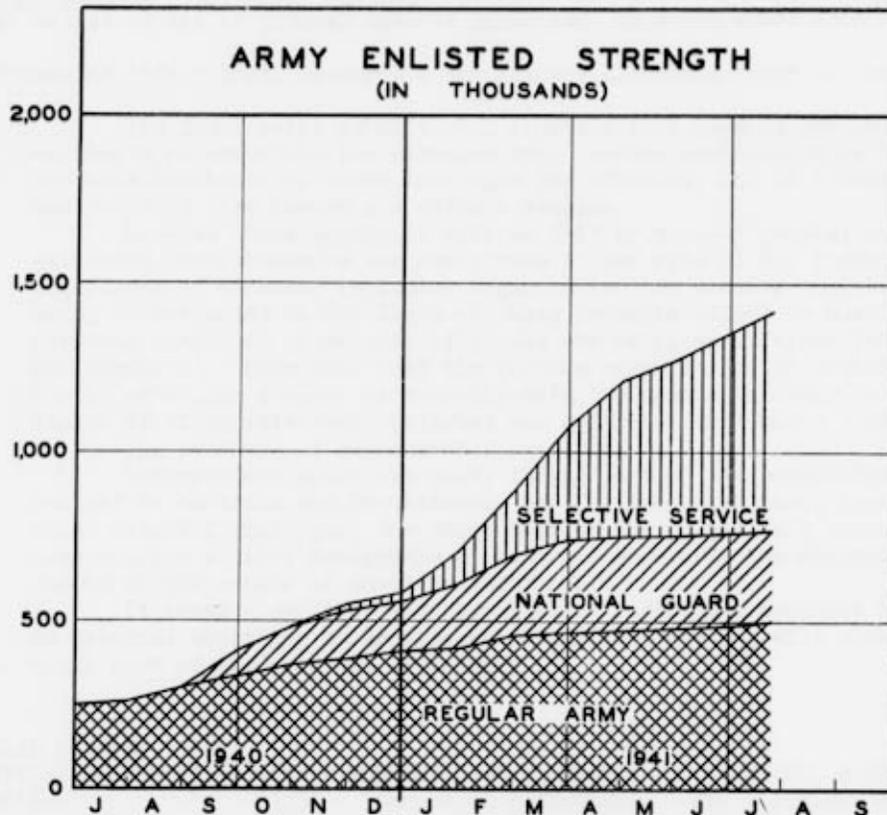
Signature- *Carl L. Spicer*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-742-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
REPORT NO. 7  
AUGUST 16, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Quartermaster Proc. ....	29
Editorial Comment .....	2	Diagrams: Group Proc. of Basic Items ...	30
Editorial Comment - Diagram .....	3	Diagram: Troop Capacity - Vessels .....	31
Cost of Living .....	4	Diagram: Cargo Capacity - Vessels .....	32
		Fiscal Diagram: Motor Vehicle Proc. ....	33
		Diagram: Cumulative Construction Progr..	34
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Allocations .....	5	Text Summary .....	35
Obligations Incurred .....	6	Diagram: Radio & Miscellaneous Proc. ...	36
Deliveries to Foreign Governments .	7	Diagram: Wire Procurement .....	37
		Diagrams: Period Deliveries .....	38
<u>ORDNANCE DEPARTMENT</u>		Diagrams: Period Deliveries .....	39
Text Summary .....	8	<u>CORPS OF ENGINEERS</u>	
Progress of Ordnance Deliveries ...	9	Text Summary - Procurement Progress ....	40
Tab. Sum. - Equipment Procurement .	10	Diagram: Status of 6 Selected Items ....	41
Equipment - Ahead & Behind Sched... 11		Diagram: Status of 6 Selected Items ....	42
Tactical Equipment - Initial Req... 12		Text Summary - Air Corps Construction ..	43
Tactical Equipment - Total Req. ... 13			
Tab. Sum. Ammunition Proc. ....	14	<u>MEDICAL DEPARTMENT</u>	
New Facilities - Equipment .....	15	Text Summary .....	44
New Facilities - Ammunition .....	16	Diagram: Percent Contracted .....	45
New Facilities - Ammunition .....	17	Diagram: Critical Items Behind Sched. ..	46
New Facilities - Ammunition .....	18	Diagram: Selected Items Behind Sched. ..	47
New Facilities - Ammunition .....	19		
<u>AIR CORPS</u>		<u>CHEMICAL WARFARE SERVICE</u>	
Text Summary - Airplanes Behind Sch. 20		Text Summary .....	48
Diagram: Airplanes Ahead & Behind .. 21		Diagram: Contract Status of Sel. Items .	49
Text Summary - Engines Behind Sched. 22		Diagram: Delivery Status of Sel. Items .	50
Diagram: Engines Ahead & Behind ... 23			
Diagram: Airframe Weight Deliveries 24		<u>COAST ARTILLERY CORPS</u>	
Diagram: Horsepower Engine Del. ... 25		Text Summary .....	51
Diagram: Airplane Gains & Losses .. 26		Diagram: Group Control Panels .....	52
Diagram: Monthly Airplane Inventory 27			
Tab. Sum. - Parachute & Barrage ... 28			



The basis for computing requirements for many articles to be procured is the army strength. The data from July, 1940 to July 21, 1941 are shown in the diagram and table. They refer to enlisted strength as of the end of each month, with the exception of the final tentative figure.

	Total		Total
Jul 1940	268,941	Jan 1941	693,578
Aug	302,968	Feb	873,667
Sep	407,613	Mar	1,068,030
Oct	483,218	Apr	1,205,873
Nov	540,695	May	1,265,211
Dec	573,520	Jun	1,348,004
		Jul 21	1,413,877 (Radio Report)

Source of Information: Statistics Branch, General Staff, August 13, 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. Aug. 13, 1941

The focal point of editorial interest this week is the growing shortages of materials for civilian use. Sudden realization of the probable magnitude of these shortages has affected, and in a sense changed, the point of view toward the defense program.

Because these shortages will be felt by so many people, civilian attitudes have assumed a new importance in the eyes of the commentators. All phases of defense, including organization and pending legislation, are being re-evaluated in the light of their probable effect on morale. The personal attitudes of defense officials are being scrutinized from this new viewpoint. Some feel that the defense organization in Washington should establish a close partnership with the public in order to avoid the danger of dissatisfaction, mistrust and criticism that might grow with increasing pressure of governmental controls.

Commentators point out that, though part of the population has been subject to controls and regulations, now for the first time, because of these material shortages, the great mass of the people will encounter them. Some believe willing acceptance of controls should not be assumed but will depend on the manner of their presentation.

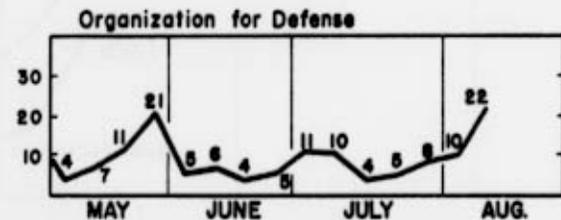
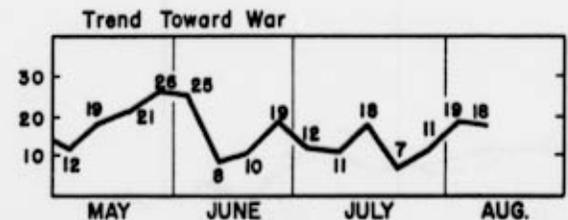
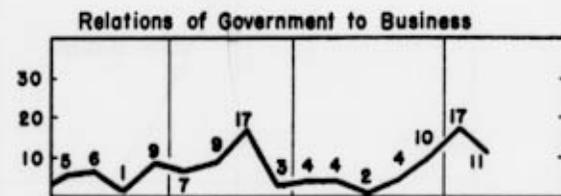
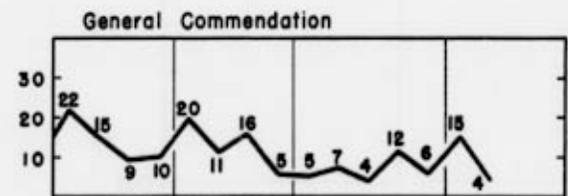
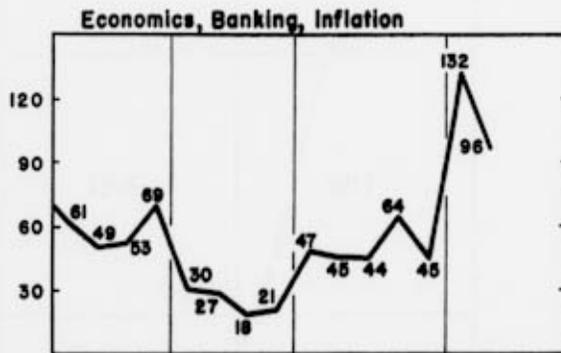
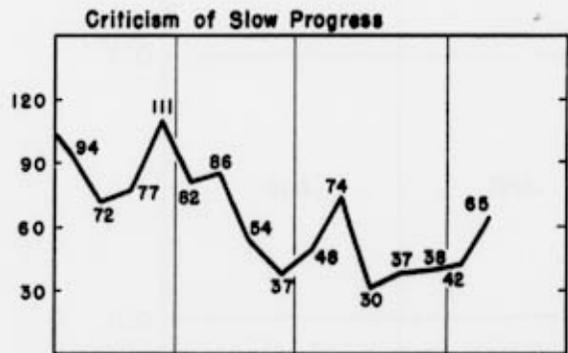
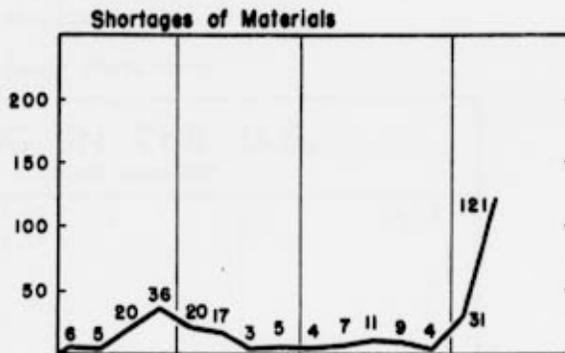
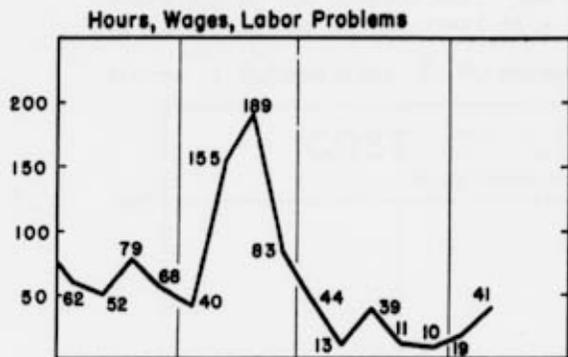
It seems clear that the commentators regard the problems attendant on material shortages as an element which, from now on, will always be a vital part of the problems of defense.

TABULAR SUMMARY

<u>MATERIAL SHORTAGES</u>	Tallies	<u>ECONOMICS, INFLATION</u>	<u>HOURS, WAGES, LABOR</u>	
Silk	31	Danger of inflation	17	Strikes must stop 21
Silk substitutes	9	Bond sales poor	2	Must use Med. Board 2
Gasoline	11	Cut Govt. spending	6	Violence must stop 1
Metals	29	Hold farm prices down	8	Unfair to draftees 1
Other shortages	9	For price-wage control	12	Communists to blame 2
For gas rationing	1	For rent control	1	Unions profiteering 1
Conservation failing	7	For credit control	5	Dont force unionization 3
Ship gas by barge	4	For price ceilings	1	Extend anti-trust laws 3
Ship gas by rail	2	Ceilings won't work	8	Take over Fed. Ship. 2
For steel priorities	5	Against price floors	1	Unions to blame in F S 2
General rationing urged	7	For Baruch plan	1	Against rail pay raises 3
For voluntary methods	6	Bill unsatisfactory	6	
		Dont use for reform	1	THE EMERGENCY 38
		Tax bill approved	3	GENERAL CRITICISM 65
<u>ORGANIZATION PROBLEMS</u>		Broaden inc. tax base	12	TREND TOWARD WAR 18
For a materials board	3	Against sales taxes	1	GOVT. AND BUSINESS 11
For price control board	2	Against high sales taxes	1	LACK OF FACTS 10
OPMND & OPACS overlap	10	For joint returns	2	ST LAWRENCE 7
Ec. Def. Board approved	3	Against joint returns	4	GENERAL COMMENDATION 4
Ec. Def. B. disapproved	3	Abolish exempt issues	1	AID FOR BRITAIN 2
For single defense head	1	Simplify taxes	3	

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

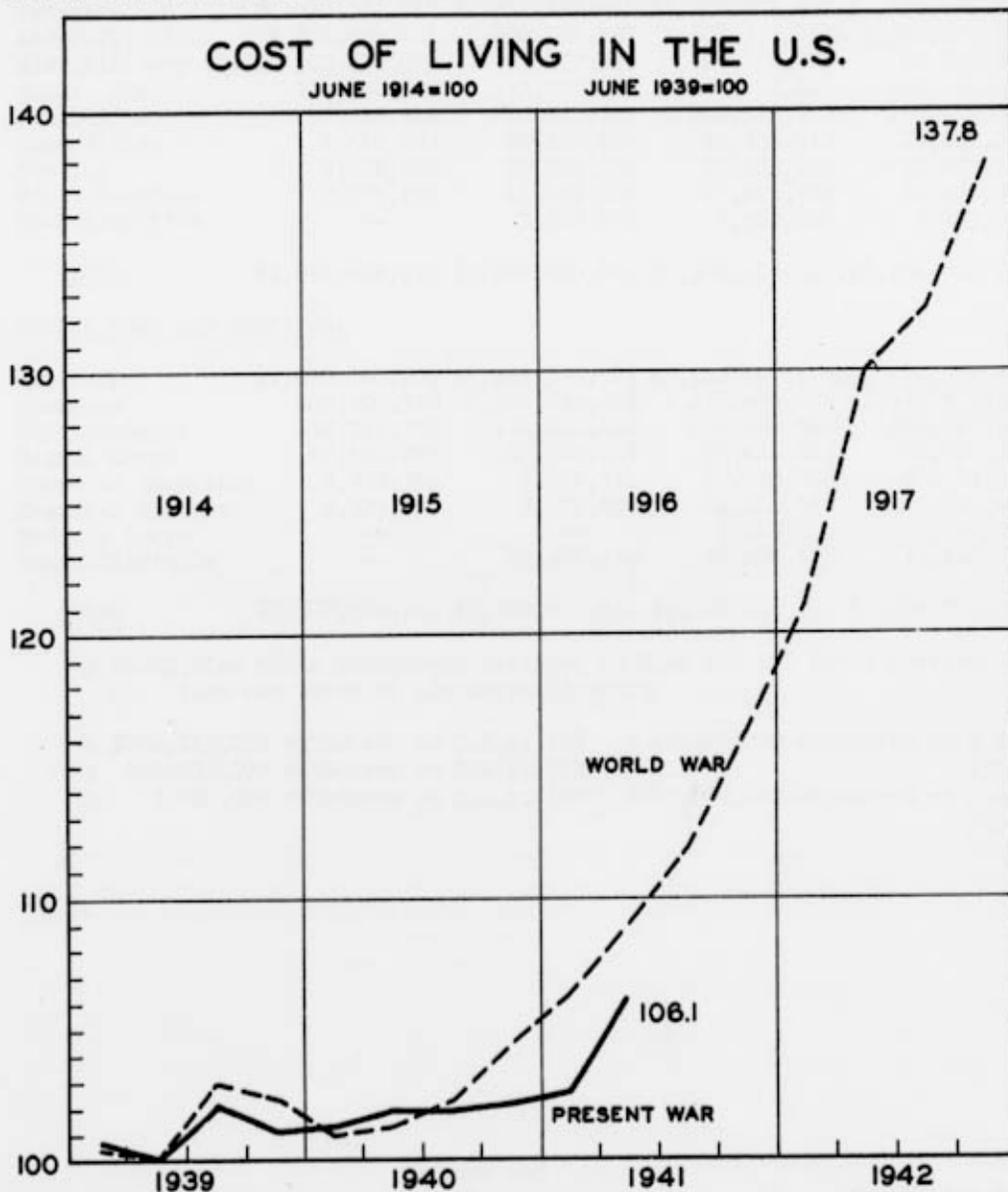
Source of Information: Department of Research and Economics - Cleveland Trust Company



### COST OF LIVING

In the diagram shown below there is compared the quarterly index numbers of cost of living during the years 1914 to 1917 with the index numbers from 1939 to date. The slow rise in the cost of living during 1914 and the first three quarters of 1915 are somewhat paralleled by a similar change in living costs during the present war. The sharp rise beginning in the second quarter of this year may be the start of a rise similar to that in 1916.

Source of Information: U. S. Bureau of Labor Statistics



DEFENSE AID - ALLOCATIONS TO WAR DEPARTMENT

Source of Information: Division of Defense Aid Reports

BY APPROPRIATION:	Period Ended			
	5-31-41	6-30-41	7-15-41	7-31-41
Ordnance	\$ 620,557,113	\$ 951,524,693	\$1,005,874,465	\$ 998,759,756 m
Aircraft, etc.	1,801,986,621	1,856,410,987	1,509,577,987n	1,520,577,987
Misc. Military Equip.	103,278,013	91,087,383	100,781,009	85,025,360 tx
Tanks, etc.	318,180,800	333,275,330	382,602,044	348,304,232 *
Facilities	37,504,818	212,551,755	244,346,711	251,962,002
Commodities	2,511,103	29,247,892	29,303,717	29,411,260
Testing	3,828,880	20,803,108	20,803,108	20,803,108
Misc. Services	2,773,605	11,626,506	11,626,506	11,626,506
Administrative	—	3,300,000	3,300,000	3,300,000
<u>TOTAL</u>	<u>\$2,890,620,953</u>	<u>\$3,509,827,654</u>	<u>\$3,308,215,547</u>	<u>\$3,269,770,211</u>

BY SUPPLY ARMS AND SERVICES:

Air Corps	\$1,810,100,209	\$1,888,578,505	\$1,540,487,119n	\$1,623,975,814 p
Ordnance	889,206,350	1,336,010,243	1,459,496,837	1,413,973,716 *m
Quartermaster	112,274,305	174,841,442	171,874,840	104,287,757t px
Signal Corps	62,592,895	63,760,349	70,818,835	59,050,328
Corps of Engineers	9,707,394	9,741,911	27,348,784	27,328,354
Chemical Warfare	6,739,800	7,609,800	24,264,810	24,740,810
Medical Corps	—	—	1,045,805	1,196,705
Undistributable	—	29,285,404	12,878,517	15,216,727
<u>TOTAL</u>	<u>\$2,890,620,953</u>	<u>\$3,509,827,654</u>	<u>\$3,308,215,547</u>	<u>\$3,269,770,211</u>

p Facilities Funds previously assigned to Q.M. for Air Corps construction now shown to Air Corps directly.

m \$104,243,213 withdrawn on D.A.A. 159      x 21,666,000 withdrawn on D.A.A. 159  
n 346,833,000 withdrawn on D.A.A. 123      \* 63,000,000 withdrawn on D.A.A. 159  
t 3,500,000 withdrawn on D.A.A. 158

DEFENSE AID - OBLIGATIONS INCURRED - WAR DEPARTMENT

Source of Information: Division of Defense Aid Reports

<u>BY APPROPRIATION:</u>	Period Ended			
	5-31-41	6-30-41	7-15-41	7-31-41
Ordnance	\$ 45,043,524	\$ 246,352,737	\$ 320,163,953	\$ 418,016,691
Aircraft	355,602,011	1,170,792,379	1,180,071,435	1,239,783,240
Tanks, etc.	24,438,616	206,268,984	210,591,001	213,266,376
Misc. Military Equip.	7,389,010	42,699,935	44,207,017	44,657,329
Facilities	--	39,704,094	61,919,668	132,109,084
Commodities	--	436,680	1,207,188	2,305,754
Testing	--	--	--	--
Services	--	--	3,959	717,372
Administrative	--	--	32,888	53,559
<u>TOTAL</u>	\$432,473,161	\$1,706,254,809	\$1,818,197,109	\$2,050,909,405

BY SUPPLY ARMS AND SERVICES:

Ordnance	\$ 58,421,851	\$ 405,126,313	\$ 502,703,401	\$ 650,250,020
Air Corps	355,602,011	1,205,332,836	1,214,688,914	1,296,301,652
Signal Corps	5,305,856	32,725,677	33,780,475	34,051,827
Quartermaster	11,513,779	56,305,300	59,258,096	61,495,591
Chemical Warfare	369,550	3,969,537	4,789,017	5,212,797
Corps of Engineers	1,260,114	2,795,146	2,977,206	3,576,947
Medical Corps	--	--	--	48
Undistributable	--	--	--	20,523
<u>TOTAL</u>	\$432,473,161	\$1,706,254,809	\$1,818,197,109	\$2,050,909,405

DEFENSE AID - WAR DEPARTMENT DELIVERIES TO FOREIGN GOVERNMENTS

Source of Information: Division of Defense Aid Reports

H.R. 1776 authorizes \$1,300,000,000 of Defense Aid transfers from existing U. S. stocks or from orders financed from appropriations made prior to March 11, 1941. The Defense Aid Supplemental Appropriation bill provides \$7,000,000,000 for new orders. The first table below shows deliveries under the 1.3 billion authorization. The second and third show deliveries from the 7 billion fund, by Supply Arms and Services, and by the divisions of the appropriation.

FROM APPROPRIATIONS PRIOR TO MARCH 11, 1941

	Period Ended			
<u>BY SUPPLY ARMS AND SERVICES:</u>	5-31-41	6-30-41	7-15-41	7-31-41
Ordnance	\$14,017,133	\$22,271,721	\$26,929,931	\$40,477,172
Quartermaster	2,889,750	2,930,807	3,043,896	3,043,896
Chemical Warfare	1,988,086	1,992,936	1,992,936	1,992,936
Air Corps	307,671	1,283,286	1,386,826	1,614,203
Signal Corps	140,805	303,222	315,972	422,882
Medical Corps	13,062	13,062	13,062	13,062
Corps of Engineers	177	177	177	1,100,177
<u>TOTAL</u>	\$19,356,684	\$28,795,211	\$33,682,800	\$48,664,328

FROM DEFENSE AID SUPPLEMENTAL APPROPRIATION

BY SUPPLY ARMS AND SERVICES:

Quartermaster	\$ 399,912	\$ 1,705,512	\$ 1,813,988	\$ 1,838,038
Ordnance	—	263,886	393,765	883,551
Air Corps	—	168,322	326,922	469,306
Chemical Warfare	—	—	—	133,131
Signal Corps	21,866	39,359	39,359	39,359
Corps of Engineers	—	—	—	22,223
<u>TOTAL</u>	\$ 421,778	\$ 2,177,079	\$ 2,574,034	\$ 3,385,608

BY APPROPRIATION:

Ordnance	—	263,886	305,715	545,515
Aircraft, etc.	—	168,322	326,922	469,306
Tanks, etc.	399,912	1,705,512	1,902,038	2,176,074
Misc. Military Equip.	21,866	39,359	39,359	194,713
<u>TOTAL</u>	\$ 421,778	\$ 2,177,079	\$ 2,574,034	\$ 3,385,608

TEXT SUMMARY - ORDNANCE DEPARTMENT - AUGUST 16, 1941

Source of Information: Ordnance Department, General Staff & OUSW

GENERAL

The diagram on the following page shows an increase in the number of critical items of equipment behind schedule in July as compared with June. There was a drop in the number of items on schedule and minor changes in the number ahead of schedule and not scheduled.

INITIAL REQUIREMENTS

It is reported that sufficient 60mm mortars have been delivered to Field Service to equip completely 22 of the Army's 33 divisions and 3 overseas garrisons. The diagram on page 12 indicates that 72 percent of the initial requirements for an Army of approximately 1,725,000 men for the 60mm mortar were in the hands of Ordnance Field Service as of August 8, 1941.

The only important ordnance items which are reported to be available in sufficient quantity to satisfy fully the Army's initial requirements are the scout car, the 75mm field howitzer and the 155mm field howitzer, modernized.

SPARE PARTS

Reports from the field indicate difficulties in the supply of spare parts for such important ordnance items as tanks. Procurement of spare parts is reported to be hindered by the limited funds allocated for this purpose, and by the emphasis currently placed on production of complete new items. Spare parts, however, are as critical as the equipment itself, and purchase of sufficient quantities to keep ordnance materiel in operation is an essential part of procurement.

CALIBER .30 LIGHT RIFLE

Experimental models are to receive service tests in September. Should this new item be standardized, it is tentatively proposed to procure approximately 700,000. The cost has not yet been estimated accurately, but is expected to be between that of \$35 for the caliber .45 automatic pistol and \$80 for the caliber .30 Garand rifle. It would be necessary to procure, in addition, adequate supplies of the special new type of caliber .30 cartridge which this light rifle would require.

AMMUNITION

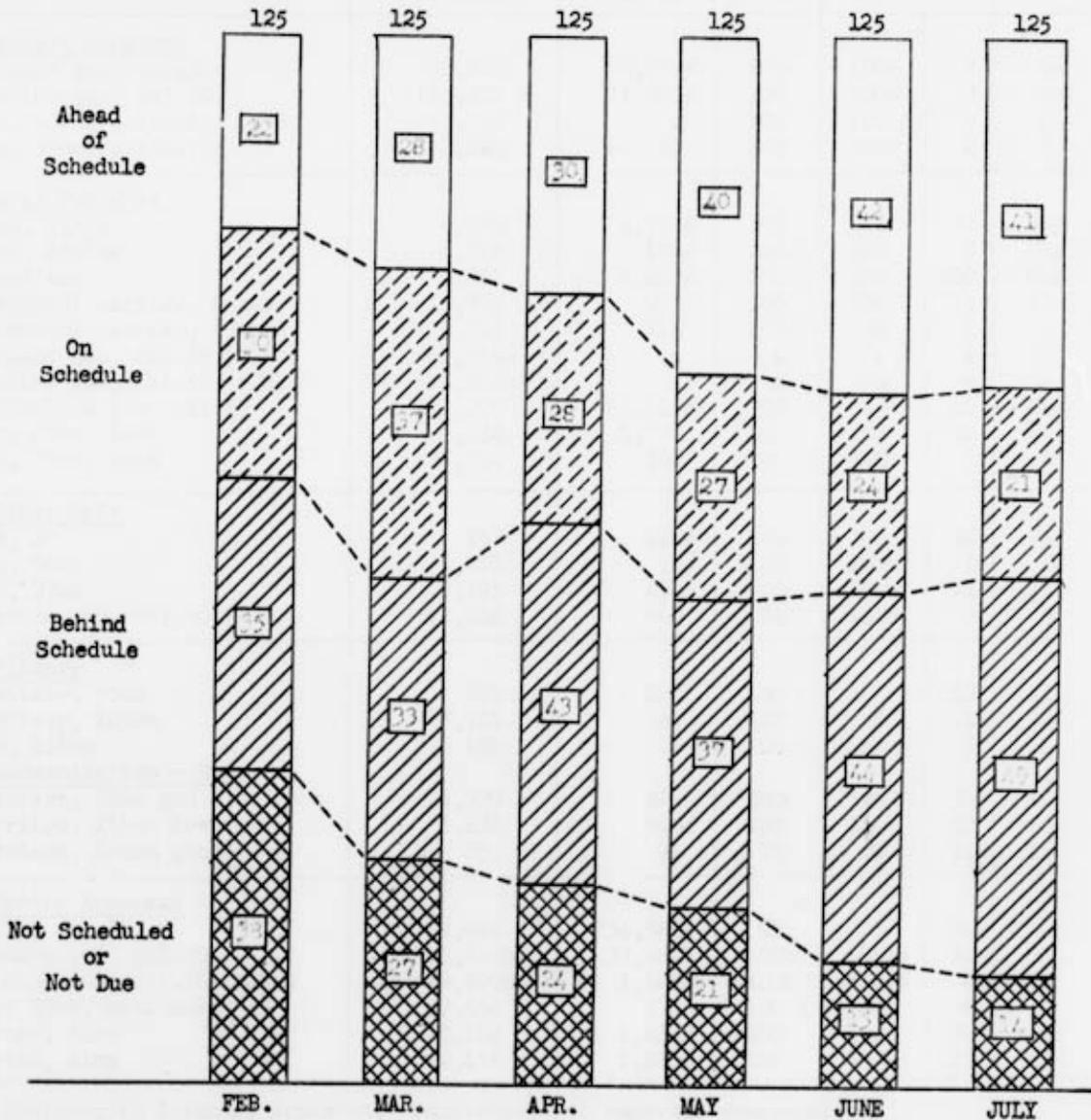
Of the first group of five new shell loading plants, three have now started operations, as indicated in the following pages on New Facilities.

Production of TNT in volume by the new Kankakee and Weldon Spring plants is expected to be delayed, however, for about two months until October, instead of August, as previously scheduled. This delay has resulted from difficulties in the manufacture of necessary production equipment for these plants, despite their Al-a priority ratings.

PROGRESS OF ORDNANCE DELIVERIES - JULY 31, 1941

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

Equipment - Critical Items



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

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program	Delivered thru July 31	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	7,378 $\phi$	100	100*	8	8 $\phi$
Machine gun, cal.50	165,127	11,815 $\phi$	100	100*	7	7 $\phi$
Gun, 20mm, automatic	44,749	0	100	100	0	0
Gun, 37mm, automatic	2,880	57	100	100*	2	2
<u>Combat Vehicles</u>						
Tank, light	4,090	1,273 $\phi$	100	98	32	31 $\phi$
Tank, medium	4,748	132 $\phi$	100	100	3	3 $\phi$
Scout car	2,733	2,633 $\phi$	100	100	100	96 $\phi$
Personnel carrier, 8-man	5,792	993	100	100	14	17
Personnel carrier, 13-man	5,521	218	100	89	5	4
Machine gun, cal.30 (Var.)	61,565 <sup>a</sup>	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903 <sup>a</sup>	a	a	a	a	a
Submachine gun, cal.45	251,397	61,215 $\phi$	98	98*	22	24 $\phi$
Gun, 37mm, tank	7,352	1,767	100	82	22	24
Gun, 75mm, tank	2,764	102	100	100	1	4
<u>Antiaircraft</u>						
Gun, 3"	152	145 $\phi$	100	100	86	95 $\phi$
Gun, 90mm	1,271	11 $\phi$	100	100*	1	1 $\phi$
Gun, 37mm	3,195	462	100	100*	14	14
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	8	5
<u>Artillery</u>						
Howitzer, 75mm	958	123	100	100	13	13
Howitzer, 105mm	3,761	61	100	46	1	2
Gun, 155mm	492	18	100	68	3	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	526	100	100	39	40
Carriage, 155mm howitzer	1,436	946 $\phi$	100	100	52	66 $\phi$
Carriage, 155mm gun	853	91	77	77	14	11
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	234,586 $\phi$	93	93	24	26 $\phi$
Machine gun, cal.30 (Var.)	113,850 <sup>b</sup>	37,461 <sup>b</sup>	100 <sup>b</sup>	90 <sup>b*</sup>	34 <sup>b</sup>	33 <sup>b</sup>
Machine gun, cal.50 (H.B.)	29,879 <sup>b</sup>	1,188 <sup>b</sup>	100 <sup>b</sup>	100 <sup>b*</sup>	4 <sup>b</sup>	4 <sup>b</sup>
Gun, 37mm, antitank	9,464	576	100	67	6	6
Mortar, 60mm	10,162	4,838 $\phi$	100	100	39	48 $\phi$
Mortar, 81mm	4,458	1,040 $\phi$	100	77	17	23 $\phi$

a Included in Infantry Armament. Deliveries not reported separately.

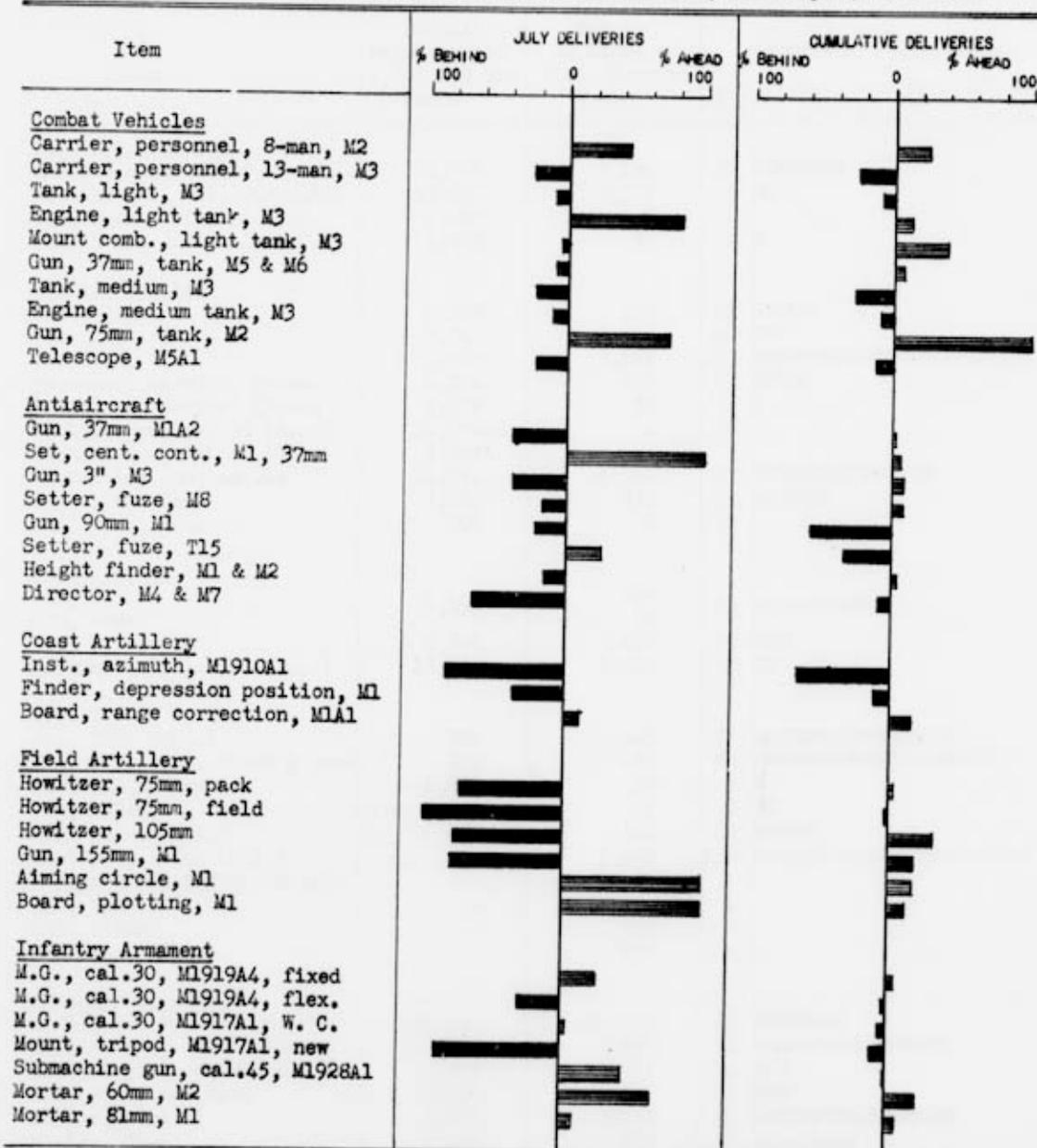
b Figures include Armament for Combat Vehicles.

\* Partly tentative.

$\phi$  Thru August 8.

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

Source of Information: Office, Ass't. Chief, Ind. Service, Ord. Dept.(Production)



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

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

Item	Initial Requirements 1,725,000 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.	28,792	9,186	32						
Machine gun, cal.50,fix.&fl.	55,344	4,549	8						
Gun, 20mm, automatic A.C.	1,691	0	0						
Gun, 37mm, automatic A.C.	1,475	53	4						
<u>Combat Vehicles</u>									
Tank, light	2,313	527	23						
Tank, medium	1,041	101	10						
Scout car	2,028	2,692	133						
Personnel carrier, 8-man	3,336	716	21						
Personnel carrier, 13-man	4,575	38	1						
Machine gun, cal.30 (Var.)	31,070a	a	-						
Machine gun, cal.50 (H.B.)	5,485a	a	-						
Submachine gun, cal.45	24,981	16,630	67						
Gun, 37mm, tank	3,434	930	27						
Gun, 75mm, tank	792	0	0						
<u>Antiaircraft</u>									
Gun, 3"	1,192	526	45						
Gun, 90mm		10							
Gun, 37mm, A.A.	2,745	421	15						
Machine gun, cal.50 (W.C.)	13,625	1,022	8						
<u>Artillery</u>									
Gun, 75mm (H.S.)	884	646	73						
Howitzer, 75mm, field & pack	213	187	88						
Howitzer, 105mm	1,952	57	3						
Gun, 155mm	43	4	9						
Gun, 155mm (H.S.)	657	144	22						
Howitzer, 155mm (H.S.)	744	1,135	153						
<u>Unmodified &amp; other models</u>									
Gun, 75mm	-	2,794	-						
Gun, 155mm	-	825	-						
Howitzer, 155mm	-	874	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	702,880	225,060	32						
Machine gun, cal.30 (Var.)	50,623	35,486	70						
Machine gun, cal.50 (H.B.)	14,252	1,955	14						
Gun, 37mm, antitank	4,693	697	15						
Mortar, 60mm	4,876	3,533	72						
Mortar, 81mm	2,460	933	38						

a Included in Infantry Armament.

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

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

Item	Total Requirements 3,000,000 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.	39,463	9,186	23						
Machine gun, cal.50, fix.&fl.	135,263	4,549	3						
Gun, 20mm, automatic A.C.	4,903	0	0						
Gun, 37mm, automatic A.C.	2,880	53	2						
<u>Combat Vehicles</u>									
Tank, light	4,414	527	12						
Tank, medium	2,668	101	4						
Scout car	3,944	2,692	68						
Personnel carrier, 8-man	7,105	716	10						
Personnel carrier, 13-man	5,989	38	1						
Machine gun, cal.30 (Var.)	62,195a	a	-						
Machine gun, cal.50 (H.B.)	11,704a	a	-						
Submachine gun, cal.45	39,174	16,630	42						
Gun, 37mm, tank	7,272	930	13						
Gun, 75mm, tank	2,764	0	0						
<u>Antiaircraft</u>									
Gun, 3"		526							
Gun, 90mm	1,795	10	30						
Gun, 37mm, A.A.	3,880	421	11						
Machine gun, cal.50 (W.C.)	16,938	1,022	6						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,471	646	44						
Howitzer, 75mm, field & pack	267	187	70						
Howitzer, 105mm	3,215	57	2						
Gun, 155mm	249	4	2						
Gun, 155mm (H.S.)	909	144	16						
Howitzer, 155mm (H.S.)	1,041	1,135	109						
<u>Unmodified &amp; other models</u>									
Gun, 75mm	-	2,794	-						
Gun, 155mm	-	825	-						
Howitzer, 155mm	-	874	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	1,279,751	225,060	18						
Machine gun, cal.30 (Var.)	96,649	35,486	37						
Machine gun, cal.50 (H.B.)	29,243	1,955	7						
Gun, 37mm, antitank	8,112	697	9						
Mortar, 60mm	7,589	3,533	47						
Mortar, 81mm	4,327	933	22						

a Included in Infantry Armament.

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

Source of Information: Office, Ass't Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program (THOUSANDS)	Delivered thru July 31 (THOUSANDS)	Percent of total program			
			Contracted	Scheduled	Due	Delivered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	2,017	28	77	100	2	1
Bomb, demo., 100#, 300#, 500#	1,315	108	47	100	8	8
Bomb, demo., 100#	15	2	72	100	0	13
Bomb, g & s, 30#, 100#	498	18	70	100	12	5
Shot & shell, 20mm	32,502	0	97	0	0	0
Shell, H.E., 37mm	1,890	79	66	100	7	4
Flares	373	173	99	100	78	46
Signals	2,054	597	100	100	30	29
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	12,786	22	21	100	-	-
Shell, 3", H.E.	2,267	69	70	100	4	3
Shell, 90mm, H.E.	3,053	0	58	100	0	0
<u>Artillery</u>						
Shell, H. E., s c, 75mm gun	1,477	97	85	100	7	7
Shell, g & s, 75mm gun	1,108	8	99	99	1	1
Shot, A.P., 75mm gun	1,733	0	100	100	0	0
Shell, H.E., 75mm how.	4,279	238	99	99	6	6
Shell, H.E., 105mm how.	11,793	62	35	100	1	1
Shell, H.E., 155mm gun	1,081	0	32	100	0	0
Charge, prop., 155mm gun	1,084	225	98	100	21	21
Shell, H.E., 155mm how.	4,360	5	77	100	-	-
Shell, g & s, 155mm how.	1,224	290	66	100	24	23
Charge, prop., 155mm how.	5,759	843	77	100	12	15
Primer, 21 gr.	8,338	299	81	100	4	4
Fuzes (All)	11,964	3,082	74	99	26	26
<u>Infantry</u>						
Cartridge, cal.30	4,490,291	462,023 <sup>ø</sup>	84	84*	10	10 <sup>ø</sup>
Links, met. belt, cal.30	1,011,225	89,468	99	99*	9	9
Cartridge, cal.45	606,476	136,959	100	100*	23	23
Cartridge, cal.50	905,479	55,488 <sup>ø</sup>	99	99*	6	6 <sup>ø</sup>
Links, met. belt, cal.50	2,444,920	47,055	99	99*	3	2
Shot & shell, 37mm	19,589	237	19	100	1	1
Shell, H.E., 60mm	8,882	36	31	100	-	-
Shell, H.E., 81mm	3,785	116	18	100	3	3
Shell, smoke, 81mm	426	0	5	100	0	0
Grenade, H.E., frag.	1,576	71	98	100	5	5
Signals, ground & light	3,588	445	48	58	15	12
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative.

<sup>ø</sup> Thru August 8.

NEW FACILITIES - PROGRESS AS OF JULY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered					
	0	20	40	60	80	100	0	20	40	60	80	100
General Motors Corp.												
Saginaw	-						82					
Flint	-						90					
Dayton	-						74					
Syracuse	-						88					
Savage Arms Company	-						65					
Colt (Machine Gun)	-						90					
Detroit Tank Arsenal	98						92					
Disston & Sons	100						85					
Mesta Machine Co.	-						90					
Colt (37mm Gun)	-						72					
Bendix Aviation Corp.	100						99					

Facility	Location	Planned Capacity Monthly	Estimated Cost July 15, 1941		Estimated Month	
			Total (Thous.)	% En- cumbered	Initial Operation	Full Operation
<u>Machine Gun</u>						
General Motors Corp.	Saginaw, Mich.	2,800	\$21,251	79	4-41 <sup>o</sup>	1-42*
	Flint, Mich.	1,400			5-41 <sup>o</sup>	8-41*
	Dayton, Ohio	2,100			6-41 <sup>o</sup>	9-41*
	Syracuse, N. Y.	840			8-41	12-41*
Savage Arms Co.	Utica, N. Y.	3,200	16,717	59	7-41 <sup>o</sup>	12-41*
Colt Patent F.A. Co.	Hartford, Conn.	3,800	4,818	77	-	1-42*
<u>Tank</u>						
Detroit Tank Arsenal	Detroit, Mich.	100	18,131	94	4-41 <sup>o</sup>	10-41
<u>Armor Plate Plant</u>						
Disston & Sons	Philadelphia, Pa.	483 tons	1,192	90	5-41 <sup>o</sup>	-
<u>155mm Gun</u>						
Mesta Machine Co.	W. Homestead, Pa.	44	1,780	95	5-41 <sup>o</sup>	2-42*
<u>37mm Gun</u>						
Colt Patent F.A. Co.	Hartford, Conn.	200	3,940	111	-	9-42*
<u>20mm Gun</u>						
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	-	4-41 <sup>o</sup>	8-41

\* Plant Equipment Only.  
<sup>o</sup> Operations Started.

PLANT FACILITIES - PROGRESS AS OF JULY 31, 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
Radford Ord. Works	91							97						
Indiana Ord. Works	82							87						
Alabama Ord. Works	9 #							5 #						
Kankakee Ord. Works	72 #							75 #						
Weldon Spring Ord. Works	58 #							40 #						
Plum Brook Ord. Works	8 #							2 #						
Baytown Ord. Works	87							94						
Morgantown Ord. Works	55 #							60 #						
Ohio River Ord. Plant	9							1						
T. V. A.	--	Started						-						

Facility	Location	Planned Capacity Monthly (Thous.-Tons)	Estimated Cost July 15, 1941		Estimated Month	
			Total (Thous.)	% En- cumbered	Initial Operation	Full Operation
<u>Smokeless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$ 52,500	94	5-41	8-41
Indiana Ord. Works	Charlestown, Ind.	7.8	114,700	77	5-41	12-41
Alabama Ord. Works	Sylacauga, Ala.	3.8	49,453	40	3-42	5-42
<u>Tetryl &amp; Azide</u>						
Kankakee Ord. Works	Wilmington, Ill.	.5	-	-	9-41	11-41
<u>TNT &amp; DNT</u>						
Kankakee Ord. Works	Wilmington, Ill.	7.7	48,395	76	9-41	11-41
Weldon Spring Ord. Wks.	Weldon Spring, Mo.	6.6	34,035	45	10-41	5-42
Plum Brook Ord. Works	Sandusky, Ohio	6.6	24,127	32	12-41	4-42
Alabama Ord. Works	Sylacauga, Ala.	2.5	26,462	-	3-42	5-42
<u>Toluol</u>						
Baytown Ord. Works	Baytown, Texas	2,446*	12,417	87	9-41	11-41
<u>Ammonia</u>						
Morgantown Ord. Works	Morgantown, W. Va.	13.0	38,218	44	12-41	10-42
Ohio River Ord. Plant	W. Henderson, Ky.	4.5	14,721	20	6-42	7-42
T. V. A.	Muscle Shoals, Ala.	4.5	-	-	12-41	3-42
<u>Ammonium Nitrate</u>						
T. V. A.	Muscle Shoals, Ala.	9	9,425	-	10-41	3-42

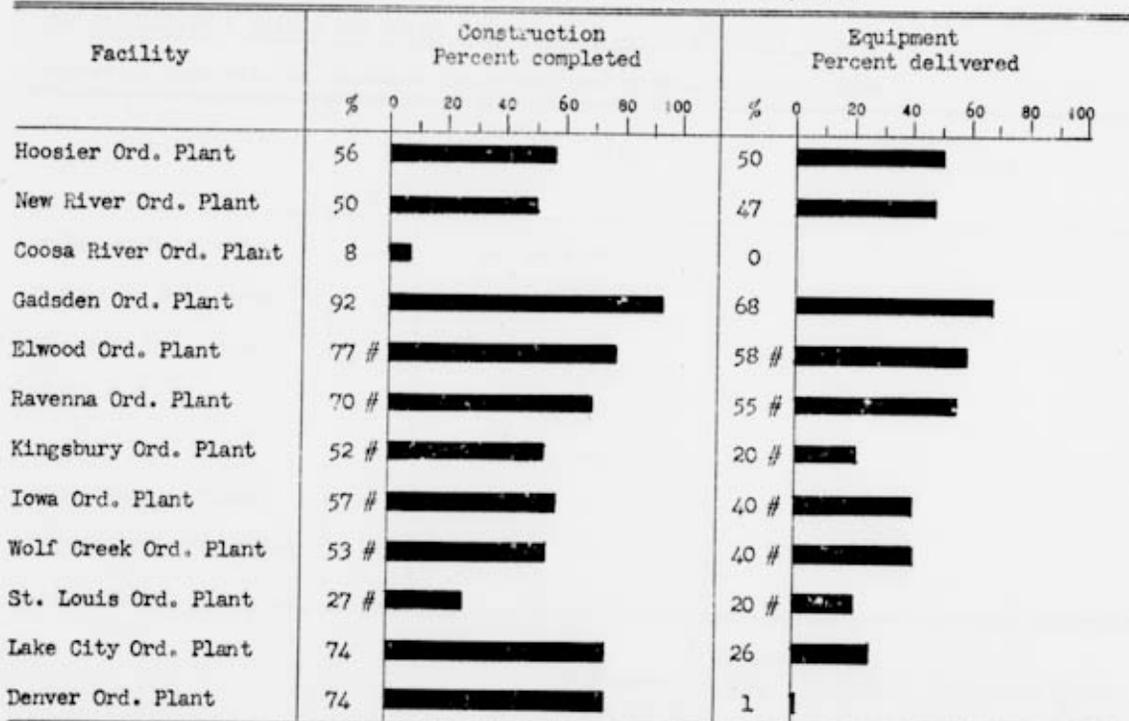
# Does not include additions.

⌘ Operations started.

\* Gallons.

NEW FACILITIES - PROGRESS AS OF JULY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly (THOUSANDS)	Estimated Cost July 15, 1941		Estimated Month	
			Total (THOUSANDS)	% Encumbered	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$ 20,380	54	9-41	10-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,850	65	9-41	10-41
Coosa River Ord. Plant	Sylacauga, Ala.	2.7 Tons	11,736	-	3-42	5-42
<u>Shell Mach. &amp; Forging</u>						
Gadsden Ord. Plant	Gadsden, Ala.	210	6,520	82	10-41	3-42
<u>Shell Loading</u>						
Elwood Ord. Plant	Wilmington, Ill.	4 Lines	31,910	85	8-41 <sup>g</sup>	4-42
Ravenna Ord. Plant	Ravenna, Ohio	4 Lines	38,667	86	8-41	2-42
Kingsbury Ord. Plant	LaPorte, Ind.	6 Lines	31,566	66	8-41	4-42
Iowa Ord. Plant	Burlington, Ia.	4 Lines	35,127	82	7-41 <sup>g</sup>	3-42
Wolf Creek Ord. Plant	Milan, Tenn.	5 Lines	23,756	71	8-41 <sup>g</sup>	2-42
<u>Small Arms Ammunition</u>						
St. Louis Ord. Plant	St. Louis, Mo.	200,000 Rds.	103,312	26	9-41	1-42
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	29,942	79	9-41	1-42
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	31,771	71	9-41	2-42

# Does not include additions.

<sup>g</sup> Operations started.

NEW FACILITIES - PLANTS NOT UNDER CONSTRUCTION AS OF JULY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed		Equipment Percent delivered	
	%		%	
Oklahoma Ord. Works	-	Not started	-	
Volunteer Ord. Works	-	Not started	-	
Missouri Ord. Works	-	Not started	-	
Dixie Ord. Works	-	Not started	-	
Jayhawk Ord. Works	-	Not started	-	
Maumelle Ord. Works	-	Not started	-	
Copper Hill Ord. Plant	-	Not started	-	

Facility	Location	Planned Capacity Monthly (Thous-Tons)	Estimated Cost July 15, 1941		Estimated Month	
			Total (Thous)	% En- cumbered	Initial Operation	Full Operation
<u>Smokeless Powder</u> Oklahoma Ord. Works	Choteau, Okla.	3.8	\$30,600	-	-	-
<u>TNT &amp; DNT</u> Volunteer Ord. Works	Chattanooga, Tenn.	6.6	39,000	-	1-42	3-42
<u>Ammonia</u> Missouri Ord. Works	Louisiana, Mo.	4.5	16,750	-	10-42	12-42
Dixie Ord. Works	Monroe, La.	4.5	16,750	-	10-42	12-42
<u>Ammonium Nitrate</u> Jayhawk Ord. Works	Baxter Springs, Kans.	6.0	15,700	-	10-42	12-42
<u>Ammonium Picrate</u> Maumelle Ord. Works	Marche, Ark.	1.1	8,000	-	5-42	6-42
<u>Oleum</u> Copper Hill Ord. Plant	Copper Hill, Tenn.	13.2	2,375	-	1-42	3-42

NEW FACILITIES - PLANTS NOT UNDER CONSTRUCTION AS OF JULY 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed		Equipment Percent delivered	
	%		%	
Mississippi Ord. Plant	-	Not started	-	
Arkansas Ord. Plant	-	Not started	-	
Illinois Ord. Plant	-	Not started	-	
Kansas Ord. Plant	-	Not started	-	
Lone Star Ord. Plant	-	Not started	-	
Louisiana Ord. Plant	-	Not started	-	
Redstone Ord. Plant	-	Not started	-	
Twin City Ord. Plant	-	Not started	-	
Des Moines Ord. Plant	-	Not started	-	
Utah Ord. Plant	-	Not started	-	

Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost July 15, 1941		Estimated Month	
			Total (Thous.)	% En- cumbered	Initial Operation	Full Operation
<u>Bag Loading</u>						
Mississippi Ord. Plant	Flora, Miss	2.7 tons	\$ 8,700	-	1-42	5-42
<u>Shell Loading</u>						
Arkansas Ord. Plant	Jacksonville, Ark.	Fuzes & boosters	33,500	-	1-42	6-42
Illinois Ord. Plant	Crab Orchard, Ill.	3 lines	26,000	-	-	-
Kansas Ord. Plant	Parsons, Kans.	3 lines	35,000	-	1-42	4-42
Lone Star Ord. Plant	Texarkana, Texas	5 lines	45,500	-	1-42	3-42
Louisiana Ord. Plant	Minden, La.	4 lines	19,715	-	1-42	4-42
Redstone Ord. Plant	Huntsville, Ala.	Chem. shell & bombs	6,000	-	7-42	9-42
<u>Small Arms Ammunition</u>						
Twin City Ord. Plant	St. Paul, Minn.	65,000 Rds.	32,000	-	-	-
Des Moines Ord. Plant	Des Moines, Iowa	65,000 Rds.	32,000	-	-	-
Utah Ord. Plant	Salt Lake City, Utah	65,000 Rds.	32,000	-	-	-

TEXT SUMMARY - PROJECT AIRPLANES BEHIND CONTRACT SCHEDULE - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Production of B-17E heavy bombers by Boeing fell an additional 30 units behind contract schedule during July. The contractor reports time lost by receipt of defective aluminum alloy rivets and non-delivery of bearings from subcontractors. Consolidated's B-24 type was retarded by shortages of numerous subcontractor items such as starters, generators, tees, fittings, couplings and oxygen regulators. Transfer of machinery to Consolidated's expanded facilities has also slowed down line production.

North American's present critical shortages for medium bombers are upper and lower turrets. Martin continues to face shortages of components such as landing gears, exhaust stacks, wing spiders and propellers.

Douglas has not yet eliminated engine cooling difficulties in its A-20 light bombers. A newly designed engine cowling is being installed and will be tested.

Lockheed hopes to overcome its large deficiency during August by delivery of one fighter per day through September 15, with an increase to one and one-half units per day thereafter. Unfortunately, much of its estimate appears based on outdoor assembly lines. This would not be very effective should the California rainy season begin on schedule in October.

Bell's shortages of engines and propellers are alleviated for the moment. Although still badly behind schedule, the delivery of 32 pursuit interceptors by Bell to the Army during July established its best Army record to date. Engine changes and faulty coordination of subcontractor work resulted in Republic lagging further in P-43 and P-47 production in July.

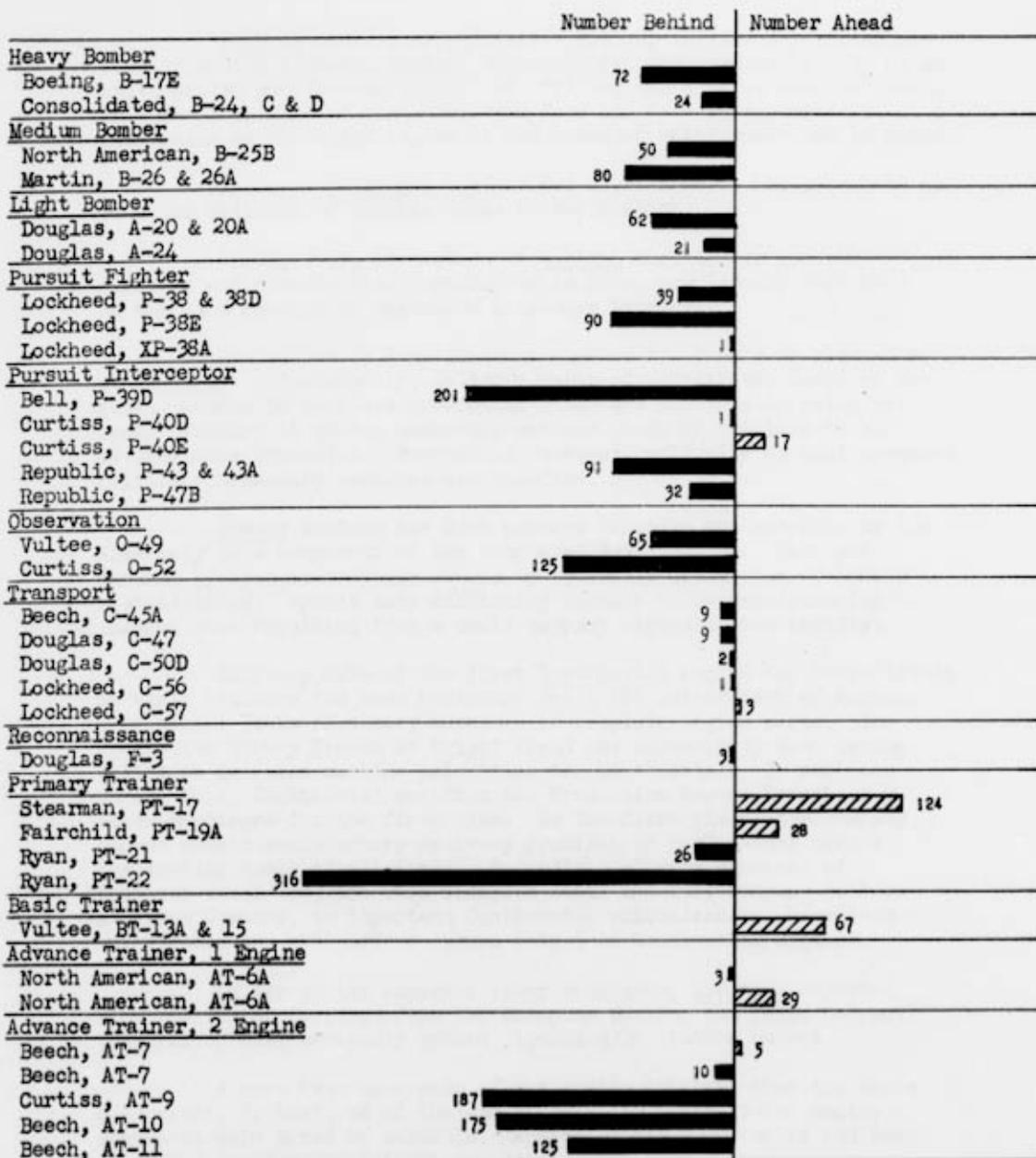
The bad deficiency in output of observation planes is due to manufacturing inexperience at Vultee's Nashville plant and Curtiss' concentration on other models.

Ryan is now 342 units overdue in primary trainers. Although it delivered 53 trainers to the Army during July, the manufacturing inexperience of this rapidly expanded small company is very apparent in its poor production record to date. Beech is critically retarded by constant engineering changes in its advance trainer model. Curtiss fell 61 more units behind its advance trainer schedule during July. Shortage of skilled labor at its St. Louis plant is a major difficulty.

Curtiss-St. Louis, Republic, and Vultee-Nashville made the poorest production record in the airframe industry for the first 6 months of 1941.

PROJECT AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



TEXT SUMMARY - INSTALLATION ENGINES BEHIND CONTRACT SCHEDULE - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Ford is manufacturing Pratt & Whitney engines for installation in medium bombers, pursuit interceptors, and transports. It is 20 units behind schedule on account of critical shortage of machine tools. This includes machine tools for both Ford and Ford subcontractors. Completion of the first engine is not expected until some time in August.

Delivery of Wright engines for light bombers has been held up to allow delivery of similar units to the British.

During July, production of Allison engines for pursuit fighters and pursuit interceptors, as in June, was largely regulated by the slow receipt of magnesium accessory housings.

Production of 9 preliminary engines for P-40's is proceeding at Packard. Unfortunately, delivery dates of certain key machines urgently needed to complete production lines are continually being set back. Packard is making temporary set-ups wherever possible to alleviate this situation. Production, however, will make no real progress until the necessary machines are received.

Kinner engines for Ryan primary trainers are accepted by the Army only as a component of the completed Ryan trainer. Poor production by Ryan accordingly covers up favorable production of Kinner installations. Ryan's main difficulty appears to be manufacturing inexperience resulting from a small company expanding too rapidly.

Delivery date of the first Continental engine for installation in basic trainers has been postponed until the latter part of August. Continental lacks necessary machines to complete engine parts. The Production Survey Branch at Wright Field has accordingly been taking action to increase machine priorities for Continental. In addition during July, Continental notified the Production Survey Branch of 2 other shortages for the first time. In the first place, the company cannot obtain satisfactory delivery promises on replacement orders for cutting tools of all kinds. Secondly, delivery promises of seamless steel from the Ohio Seamless Steel and Tool Company to Bohn Aluminum Company, an important Continental subcontractor, have been unfavorable and will affect future output of Continental engines.

On top of its numerous other shortages, Lycoming reported slow receipt of forgings from the Champion Machine and Forge Company. This factor will seriously retard Lycoming's future output.

A more favorable side of the engine picture, than the above deterrents, is that, as of the end of July, 10 installation engine contracts were ahead of schedule. Approximately 2,000 units had been delivered in advance of their due date.

INSTALLATION ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Wright, B-17E, R-1820-65		507
Pratt & Whitney, B-24D, R-1830-82	SEE	C-47
<u>Medium Bomber</u>		
Wright, B-25B, R-2600-9	2	
Wright, B-25C, R-2600-9		47
Ford, B-26A, R-2800-5	SEE	C-46
Ford, B-26B, R-2800-5	SEE	C-46
<u>Light Bomber</u>		
Wright, A-20B, R-2600-11	732	
Wright, A-24, R-1820-52	2	
<u>Pursuit, Fighter</u>		
Allison, P-38E, V-1710-27	202	
Allison, P-38E, V-1710-29	205	
<u>Pursuit, Interceptor</u>		
Allison, P-39D, V-1710-35		45
Allison, P-39D, V-1710-35	243	
Allison, P-40E, V-1710-39		45
Allison, P-40E, V-1710-39		12
Packard, P-40F, V-1650-1		8
Pratt & Whitney, P-43A, R-1830-49		80
Ford, P-47B, R-2800-5	SEE	C-46
<u>Transport</u>		
Pratt & Whitney, C-45A, R-985-1	SEE	AT-11
Ford, C-46, R-2800-5	20	
Pratt & Whitney, C-47, R-1830-82		273
Pratt & Whitney, C-48, R-1830-82	SEE	C-47
<u>Observation</u>		
Pratt & Whitney, OA-10, R-1830-82	SEE	C-47
<u>Primary Trainer</u>		
Continental, PT-17, R-670-5		417
Ranger, PT-19A, L-440-1		27
Kinner, PT-21, R-440-3 (Subcontractor)*	26	
Kinner, PT-22, R-440-3 (Subcontractor)*	316	
<u>Basic Trainer</u>		
Pratt & Whitney, BT-13A, R-985-25	SEE	AT-11
Continental, BT-15, R-975-11	485	
Wright, BT-15, R-975-11		40
<u>Advance Trainer, 1 Engine</u>		
Pratt & Whitney, AT-6A, R-1340-1		526
<u>Advance Trainer, 2 Engine</u>		
Pratt & Whitney, AT-7, R-985-1	SEE	AT-11
Lycoming, AT-8, AT-9, AT-10, R-680-9	501	
Pratt & Whitney, AT-11, R-985-1		34

\*Delay due to slow delivery of Ryan airplanes.

Air Corps

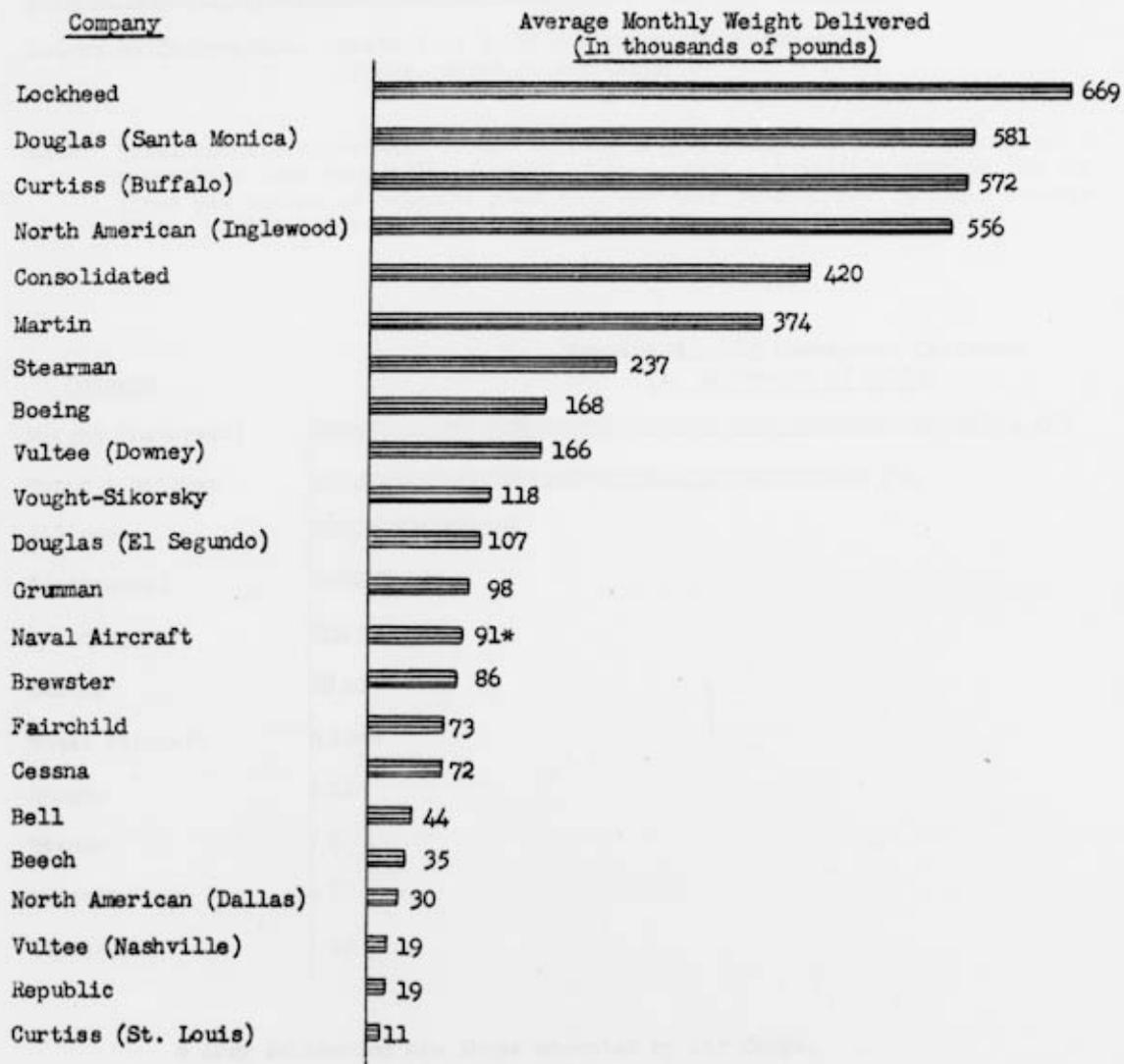
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Statistics Branch  
OUSW - 8-16-41

AVERAGE MONTHLY AIRFRAME WEIGHT DELIVERED-BY COMPANY - JANUARY-JUNE 1941

Source of Information: Statistics Section - Materiel Div. - Office, Chief of Air Corps

Note: Total monthly production of the various airframe companies has been weighted by conversion into thousands of pounds. A monthly average for the first six months of calendar year 1941 was then determined. Monthly average of the entire industry was about 4,545,000 pounds for this period.

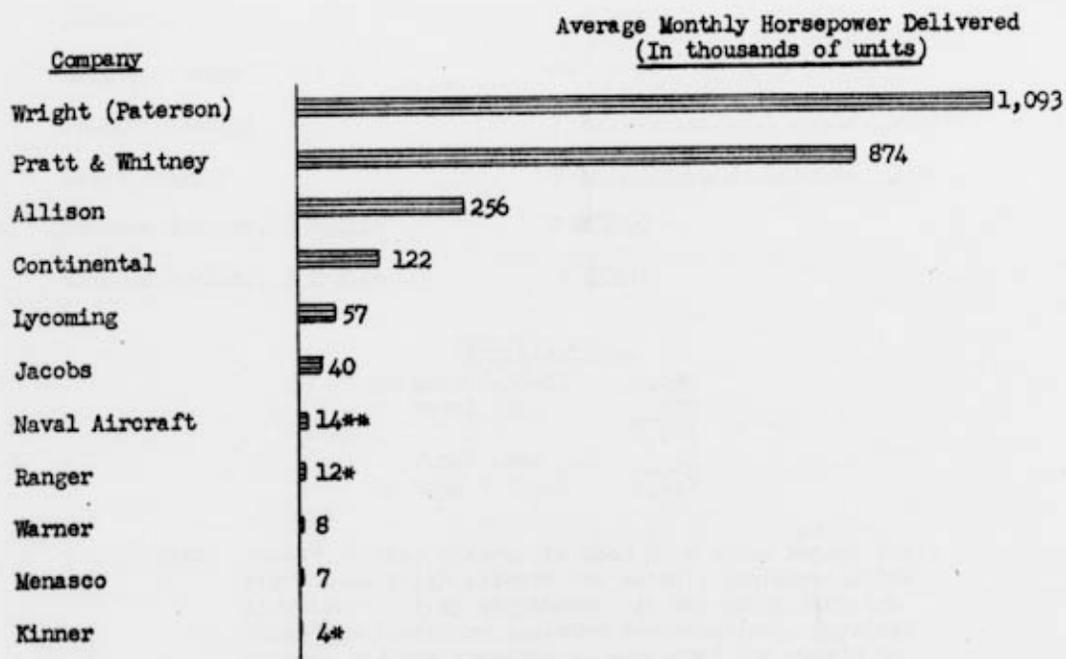


\*Average based on 2 months only.

AVERAGE MONTHLY HORSEPOWER DELIVERED-BY COMPANY - JANUARY-JUNE 1941

Source of Information: Statistics Section - Materiel Division -  
Office, Chief of Air Corps

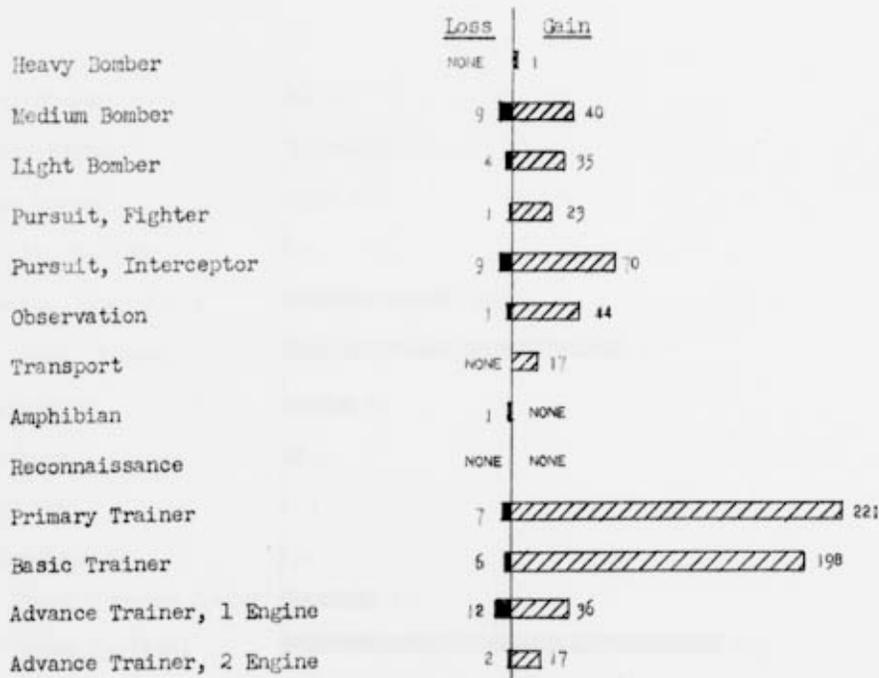
Note: Total monthly production of the various engine companies has been weighted by conversion into thousands of units of horsepower. A monthly average for the first six months of calendar year 1941 was then determined. Monthly average of the entire industry was about 2,487,000 horsepower for this period.



\* Army deliveries are those accepted by Air Corps.  
\*\* Average based on 2 months only.

PROJECT AIRPLANE GAINS AND LOSSES - JULY 1-31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



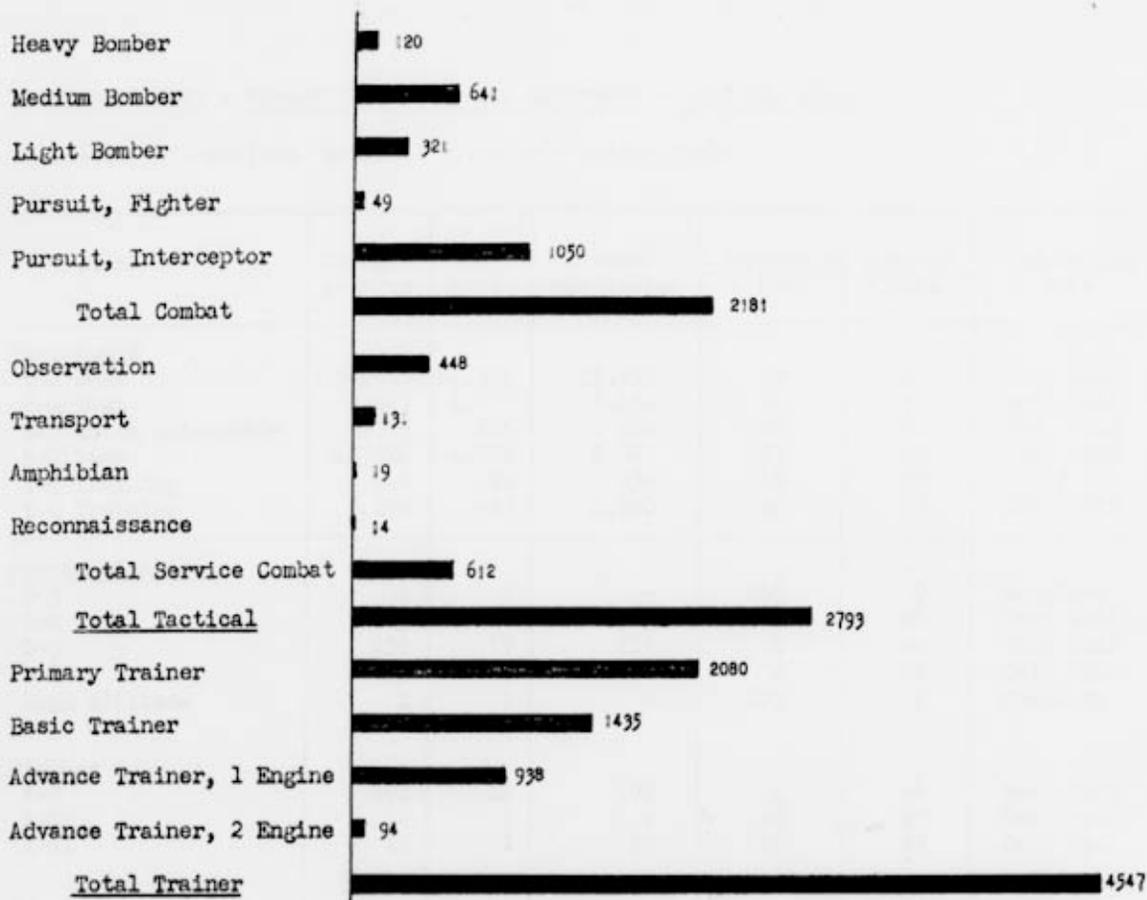
RECAPITULATION

On Hand 6-30-41	6,690
Total Gain	702
	7,392
Total Loss	-52
On Hand 7-31-41	7,340

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

MONTHLY PROJECT AIRPLANE INVENTORY BY TYPE - JULY 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



Grand Total on Hand: 7,340

There was a net gain of 650 project airplanes during the month of July which raised the on hand figure of 6,690, as of the end of June, to 7,340. Included are all R.A., O.R., N.G., and N.C. Federalized project airplanes. Propellers are not available for the following airplanes included in the above figures: 73 medium bombers (B-26); 27 pursuit, interceptors (7 P-35A, 20 P-40W); 10 observations (O-49); 9 advance trainers, 1 engine (AT-12).

TABULAR SUMMARY - PARACHUTE AND BARRAGE EQUIPMENT - JULY 31, 1941

Source of Information: Materiel Division - Wright Field

Item	Current program	On hand	On order undelivered	Percent of program		Completion date
				On hand	Undel.	
<u>Parachutes</u>						
S-1 Seat	56,610	21,351	35,259	38	62	June 1942
S-2 Seat	9,491	4,037	5,454	42	58	Dec. 1941
S-2 Quick attachable	775	225	550	29	71	May 1942
B-7 Back	12,824	4,762	8,062	37	63	June 1942
T-3 Training	692	462	230	67	33	?
T-4 Training	3,250	550	2,700	17	83	Dec. 1945
<u>Barrage Balloons</u>						
D-3	6	6	-	100	0	Complete
D-4	223	10	213	4	96	Dec. 1941
D-5	436	17	419	4	96	July 1942
D-6	45	1	44	2	98	Oct. 1941
High altitude	1	1	-	100	0	Complete
<u>Winches</u>						
A-9	491	18	473	4	96	May 1943
A-10	10	1	9	10	90	Oct. 1941
A-11	12	2	10	17	83	Oct. 1941
<u>Hydrogen Generators</u>	5	0	5	0	100	Nov. 1941
<u>Hydrogen Cylinders</u>						
A-1	55,000	30,000	25,000	55	45	Jan. 1942

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - F. Y. 1941 - August 14, 1941

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

BASIC ITEMS

Contracts - As of July 31, 1941 contract awards have been made on all of the 132 critical and essential Quartermaster items, 119 of which have been completely contracted. Of the total programs of the 132 items, an average of 97% has been contracted and an average of 81% has been procured; the latter figure includes transfers from CCC stocks.

Deliveries - During the quarter-monthly period ended July 31, 1941, deliveries were effected on all but 43 of the 132 items; of these 25 items have been completely procured; 7 are on schedule; 2 have no current schedule, and 9 are behind schedule.

Schedules and Delinquencies - Of the 132 items, 64 are on or ahead of schedule, 2 have no current schedule; 66 are behind schedule.

Deficiency Appropriation - Thirty-five items being procured under this \$150,000,000 fund average 99% contracted and 27% procured.

MOTOR VEHICLES

Contracts - As of July 31, 1941, contracts have been awarded for 224,935 vehicles of all types, obligating funds to the extent of 307 million dollars. The combined programs are currently estimated to total 243,605 vehicles of which 92 percent has been contracted and 54 percent delivered.

Deliveries - During the quarter-monthly period ended July 31, 1941, deliveries were reported on 7,154 vehicles of all types, bringing the cumulative delivery total to 131,670 vehicles at a cost of 170 million dollars.

Schedules and Delinquencies - Based on estimated schedules, 8,506 vehicles distributed among 17 manufacturers are behind schedule; 5,359 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 3,247 vehicles.

CONSTRUCTION

Contracts - As of July 26, 1941, contracts awarded total 1,139 million dollars, or 53% of total funds available; this low percentage being due to application of original estimates for fixed-fee contracts.

Construction in Place - Percentage of construction in place for 541 emergency construction projects based on latest estimated total cost of 1,795 million dollars is 62% (1,117 million dollars).

Schedules and Delinquencies - Of the 541 projects, 121 are completed and 336 are on or ahead of schedule; these represent 87% of total estimated completion cost.

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

Item affected	Man days lost*	Contractor's Name & Address
Construction materials	210,000	U.S. Gypsum Co., Chicago, Illinois
Prime movers	10,500	Mack Intern. Truck Co., Allentown, Pa.
Metal partitions	10,150	E. J. Hauserman Co., Cleveland, Ohio
Woolen cloth	10,000	Arlington Mills, Lawrence, Mass.
Truck parts	5,600	Leland Gifford Co., Worcester, Mass.
Iron pipe	3,450	Pacific States Pipe Co., Provo, Utah

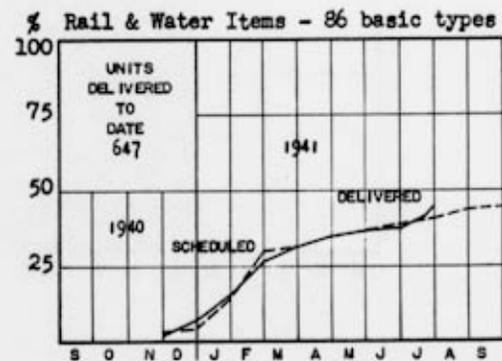
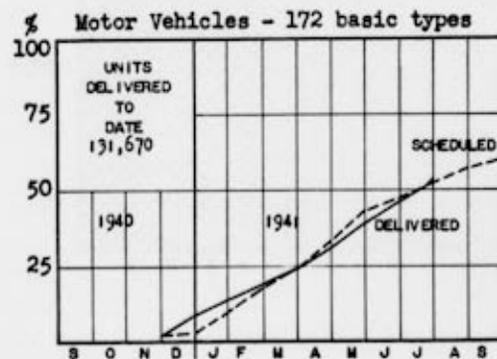
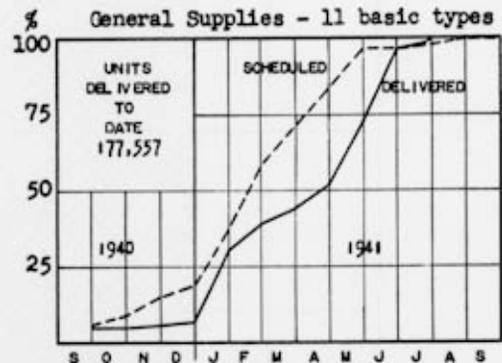
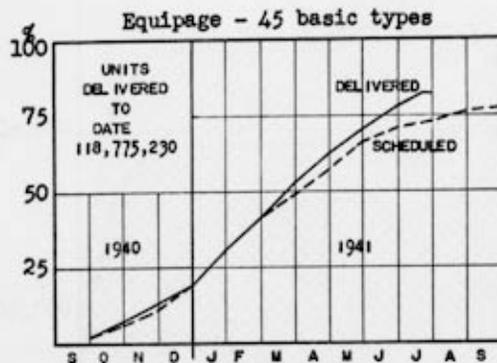
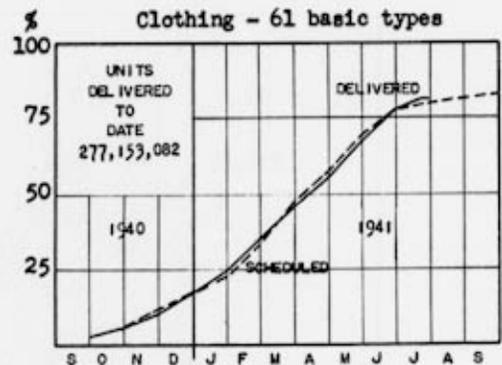
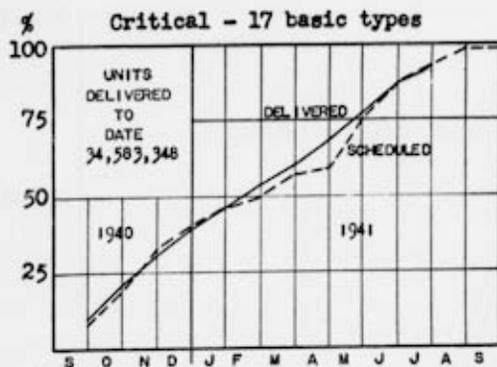
\*Based on six working days per week

Quartermaster Corps

Statistics Branch  
CUSW - P-15-62

STATUS OF Q.M. PROCUREMENT - F.Y. 1941 - July 31, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

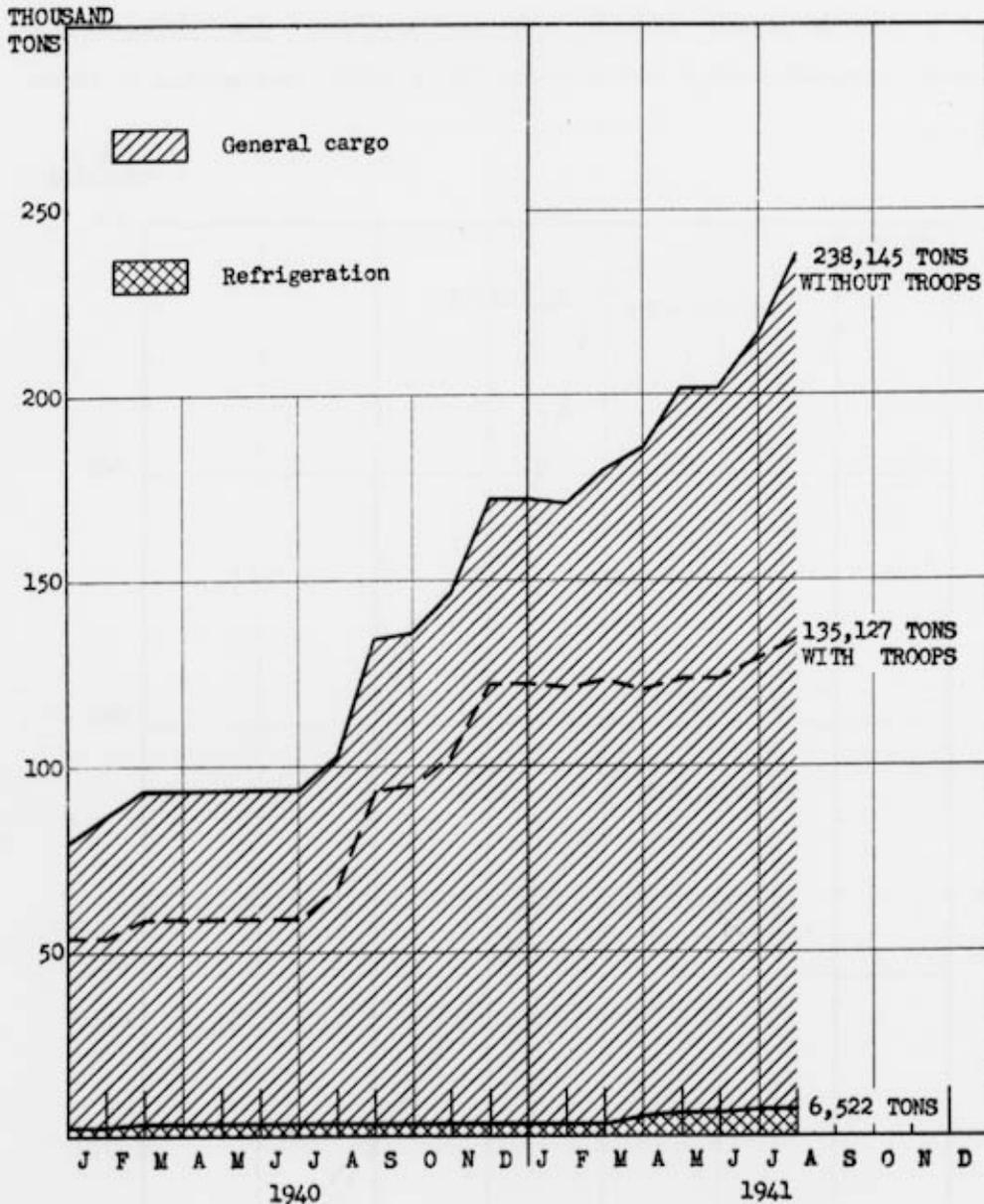
Source of Information: Statistics Branch, Office of the Quartermaster General.





QUARTERMASTER CORPS - OCEANGOING VESSELS - CARGO CAPACITY - F. Y. 1941 - July 31, 1941

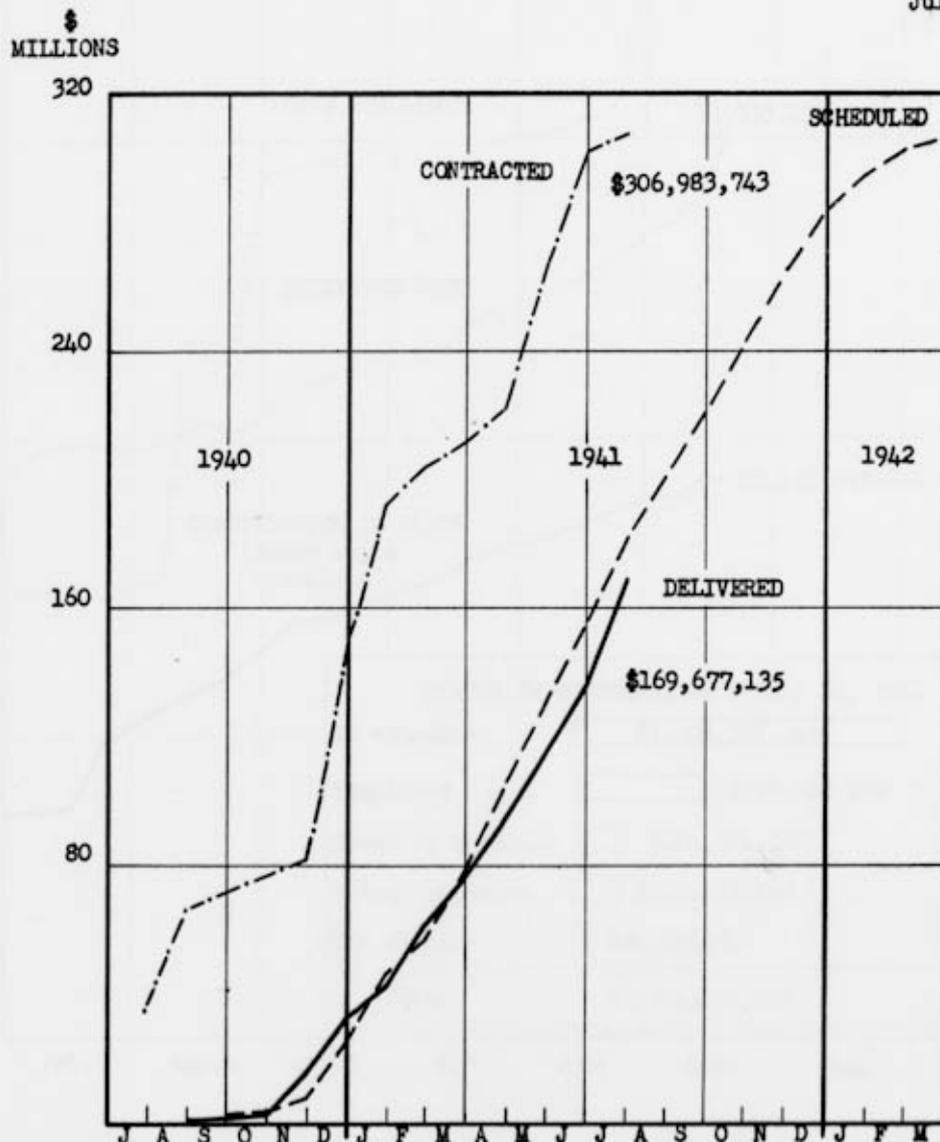
Source of Information: Office of the Quartermaster General



QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - F.Y. 1941

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

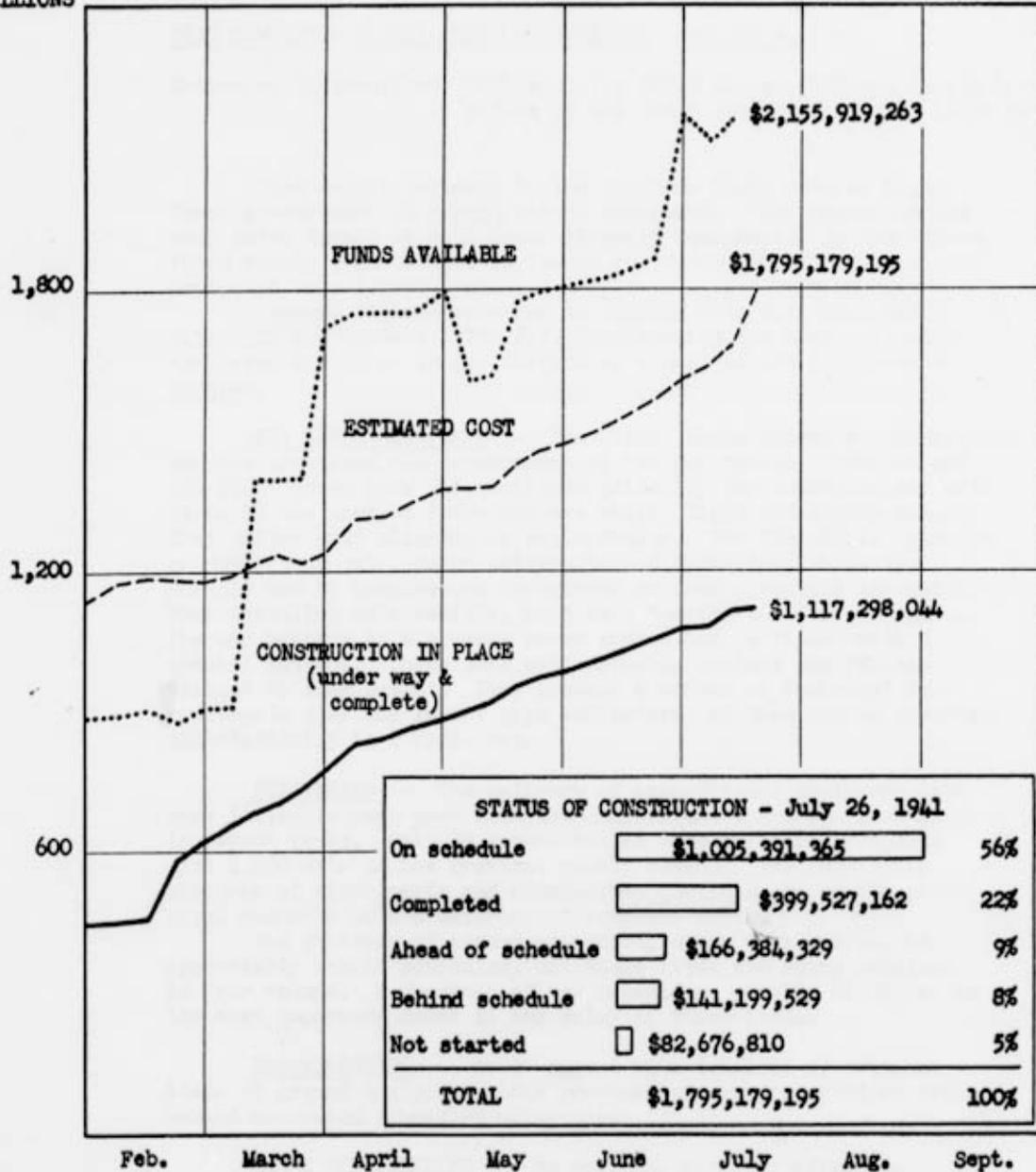
July 31, 1941



Q.M.C. - CUMULATIVE CONSTRUCTION PROGRESS - F. Y. 1941 - July 26, 1941

Source: Construction Division, Office of the Quartermaster General

\$  
MILLIONS



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AUGUST 9, 1941

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

This report pertains to the progress being made on Signal Corps procurement of Ground signal equipment. The report for the week ended August 16 will cover Aircraft equipment. In the future, these weekly reports will be issued for Ground and Aircraft signal equipment on alternate weeks.

Program figures referred to include both F.Y. 1941 and F.Y. 1942 procurement. The F.Y. 1940 program has been virtually completed and is no longer carried as a part of the procurement program.

NEW RADIO EQUIPMENT - The Signal Corps recently standardized and has initiated the procurement of two new radios: SCR-509 and SCR-510. These sets were designed primarily for communication with tanks in the Armored Force and are small, light and highly mobile. They differ only slightly in basic design. The SCR-509 is operated on the ground only, using self-contained batteries; while the SCR-510 can be operated on the ground or from a vehicle in motion. When installed in a vehicle, such as a "Jeep", the SCR-510 can use the car battery as a primary power source and is fitted with a special antenna. These sets will probably replace the "Walkie-Talkie" to some extent. They possess a number of technical improvements over the latter type and several of them can be operated satisfactorily in a radio net.

DELIVERIES - The delivery of ground radio equipment last week failed to keep pace with the improvement which has been evident in recent weeks. Only 30 ground radios were delivered compared with 1,698 sets in the previous weekly period. The persistent shortage of minor parts and accessories continues to be the principal obstacle to the delivery of complete units.

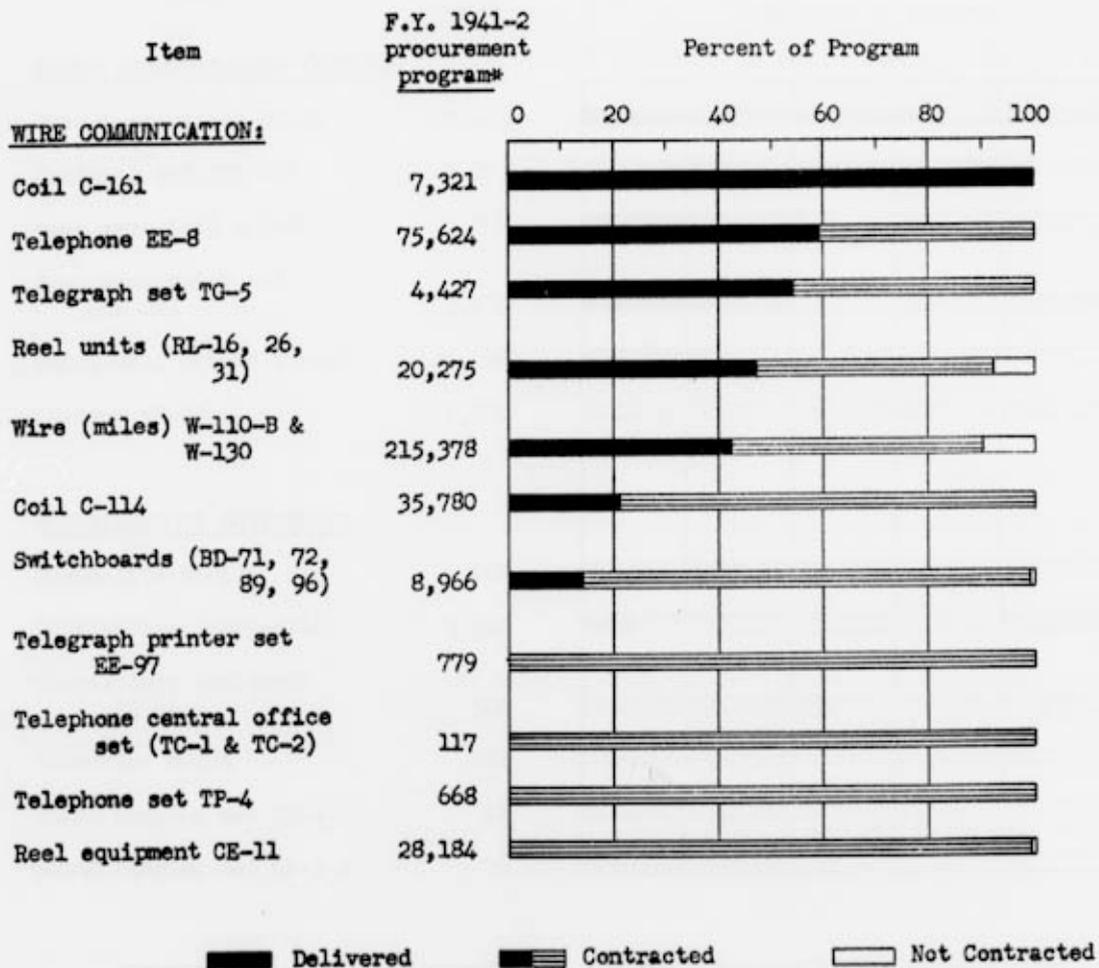
The delivery of ground equipment, other than radios, is appreciably behind schedules, but these items are being received in fair volume. A shortage of raw materials, notably aluminum, is the most important cause in the delay of these items.

DELINQUENCIES - As of August 9, a total of 27 critical items of ground equipment under procurement were reported as being behind estimated scheduled deliveries.

LABOR DIFFICULTIES - No strikes, directly affecting Signal Corps procurement, were reported as of August 13.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - AUG. 9, 1941

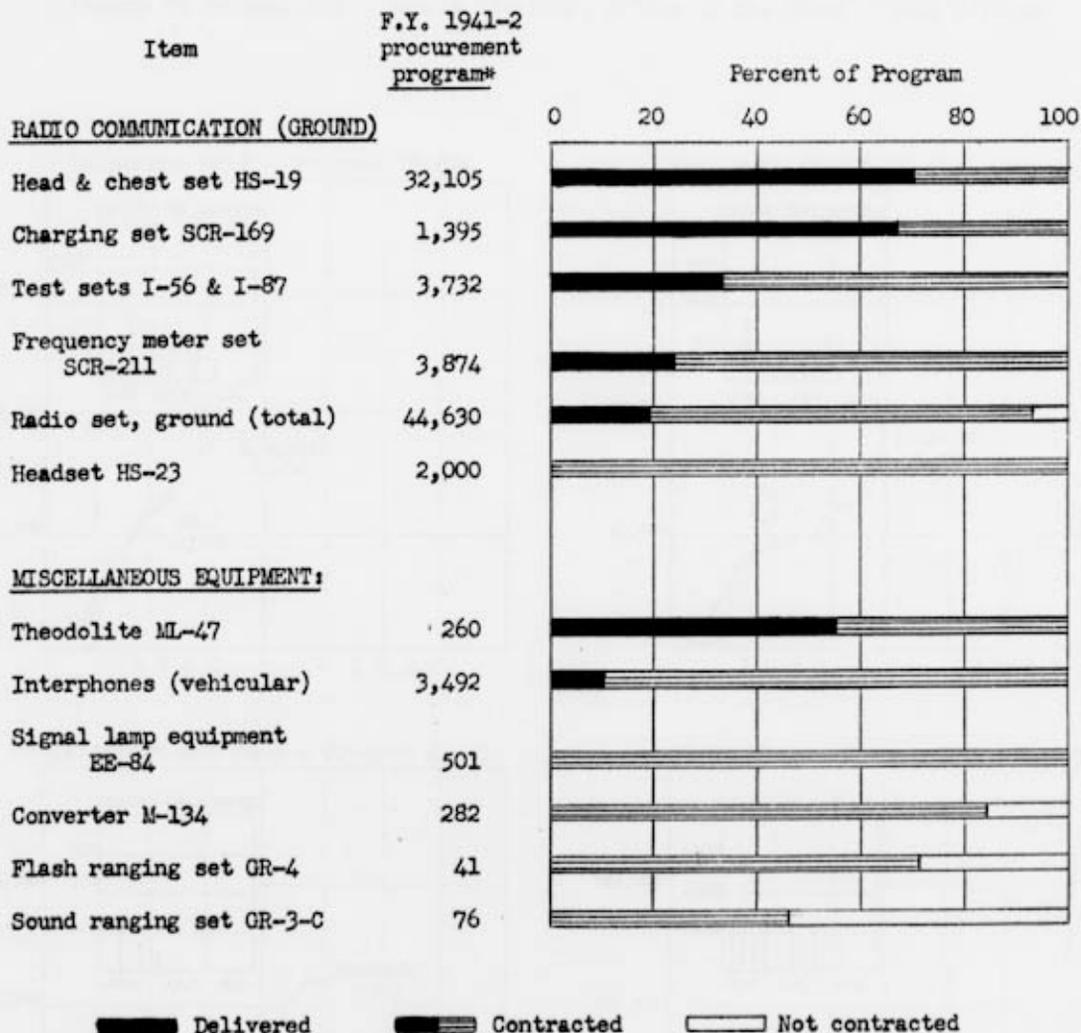
Source of Information: Office of the Chief Signal Officer, Supply Division



\* Quantities in excess of program include procurement for Marine Corps and component parts of other critical items.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - AUG. 9, 1941

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

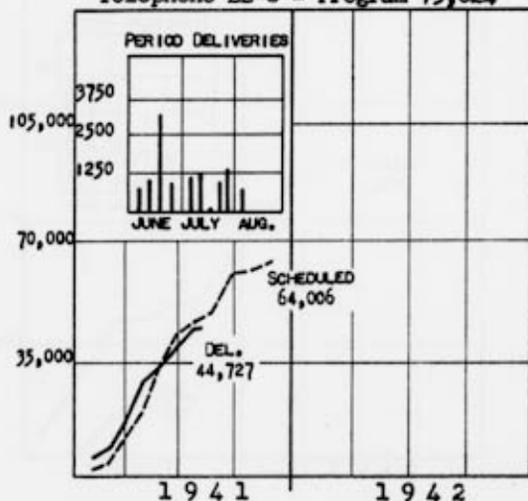


\* Quantities in excess of program figures include procurement for other services and special requirements.

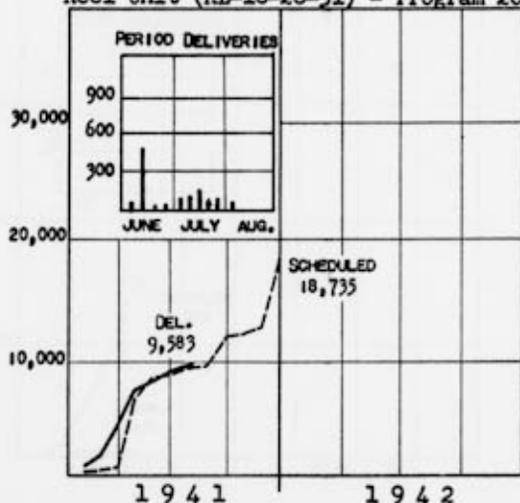
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - AUG. 9, 1941

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

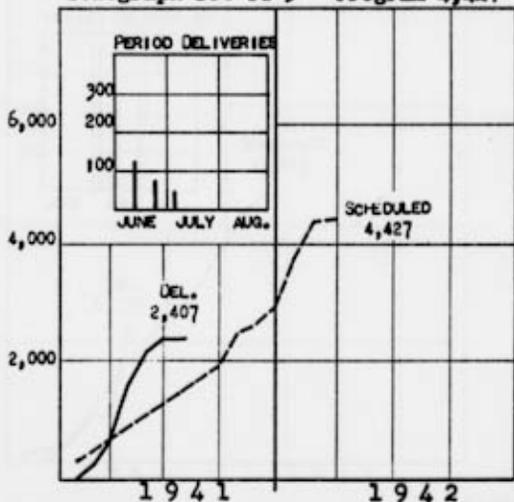
Telephone EE-8 - Program 75,624



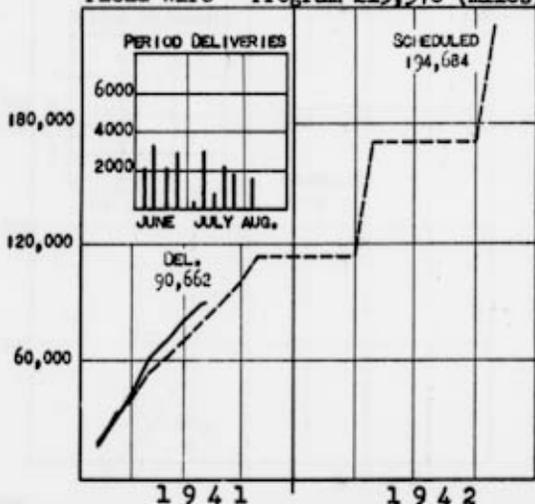
Reel Unit (RL-16-26-31) - Program 20,275



Telegraph Set TG-5 - Program 4,427



Field Wire - Program 215,378 (miles)

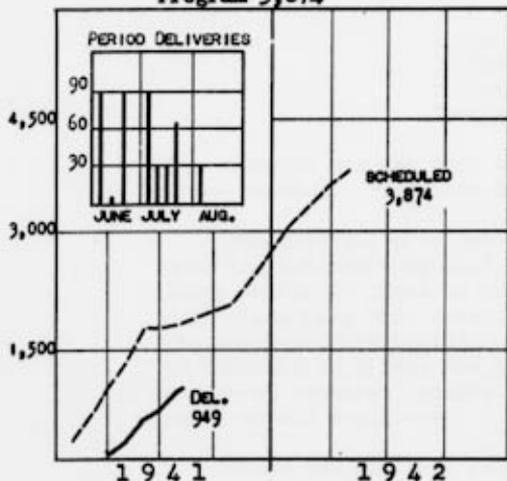


Signal Corps

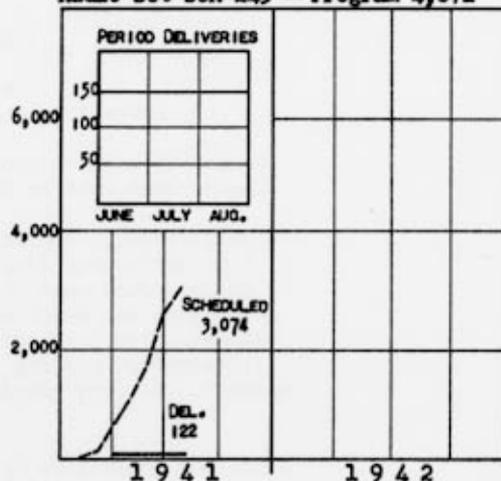
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT - AUG. 9, 1941

SOURCE OF INFORMATION: Supply Division, Office of the Chief Signal Officer

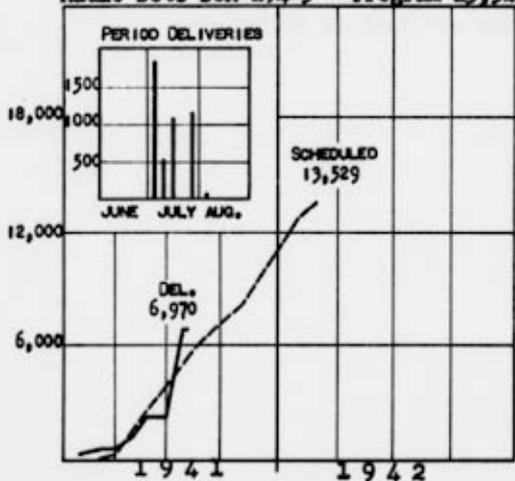
Frequency Meter Set SCR-211  
Program 3,874



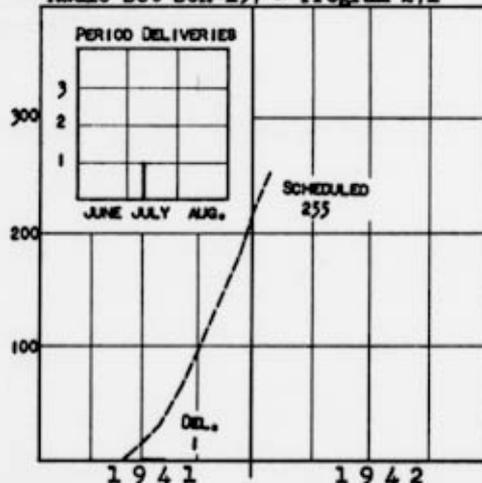
Radio Set SCR-245 - Program 4,671



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



Radio Set SCR-197 - Program 271



Signal Corps

Statistics Branch  
OUSW - 8-16-41

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

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

The report this week shows the Engineer program as a whole to be falling behind schedule. Of the 45 items reported, only 7 are complete; six are not yet started. The active items are divided as follows:

Ahead of schedule	4
On schedule	10
Behind schedule	10
Contracted amount delivered	8

One contract was let this week--a contract for 26 cranes, truck mounted. This item is now 100 percent contracted.

The materiel provided by the Fifth Supplemental Appropriation Act was scheduled to come into production in a large number of cases in July, but in some instances no deliveries have been received. With these new contracts the Engineers are beginning to run into priority trouble in that the suppliers are unable to get the raw material and parts required because of the higher priority of other services and suppliers.

Since the Engineer program is so well along and since in most instances there are no actual troop shortages, it is very probable that higher priorities will not be obtained. If this is so, the program will look bad from a statistical viewpoint although from a military viewpoint the picture is very bright in that the initial requirements have been obtained.





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

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

Although during the last period the Air Corps construction program has remained almost constant, it is still increasing more rapidly than construction is being completed. The increases from June 30 to July 15 were:

	<u>Increase</u>	<u>July 15</u>
Total estimated cost	14.1	598.9 mls.
Value of work in place	12.9	222.6 mls.
Total troop capacity	5,196.0	274,851 men
Number of projects	0.0	126

The breakdown of this program showing values in millions of dollars is:

Part I -- Tactical Units

<u>Type</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
G.H.Q. air force	47	186.7	125.6
Observation	14	8.7	1.3
Total	61	195.4	126.9

Part II -- Schools, depots, and stations  
other than tactical units

<u>Type</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
Pilot schools	42	153.4	30.3
Air Corps depots	10	86.5	15.8
Assembly plants	4	73.6	11.4
Technical schools	6	72.0	32.6
Experimental depots	1	11.7	3.6
Replacement center	1	6.0	1.9
Weather and commun.	1	.3	.1
Total	65	403.5	95.7

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED AUGUST 16, 1941

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

The status of First Aid Packet was considerably improved according to Progress Report as of July 31, 1941. Bauer & Black completed their contract of 1,000,000 by delivering 145,000, and the Acme Cotton Products Co. delivered 300,000 leaving their present contract for 1,000,000 only 150,000 behind schedule.

In spite of the many difficulties encountered by surgical instrument manufacturers, deliveries were made on twenty-three critical items during the last fifteen days of July as against eleven items showing no deliveries. Three of the eleven items on which no deliveries were received are not behind schedule. The Acme Shear Co. delivered 6,120 Bandage Scissors on their contract for 45,710, but at that, they are still behind schedule. The cause of delinquency according to the company is inability to procure the proper kind of stainless steel.

W. A. Baum Co., Inc., New York, N. Y., is furnishing the Medical Department with four thousand Mercurial Type Sphygmomanometers. To date the company has delivered 2,775 but was 825 behind schedule July 31. The contract is to be completed August 6, 1941.

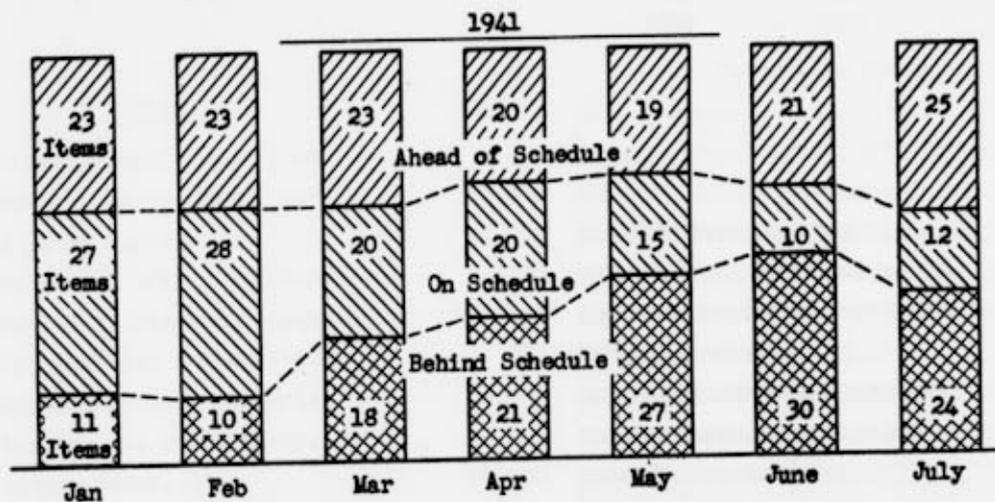
E. R. Squibb & Son, Brooklyn, N. Y., has an order for 375,000 tins of Anesthetic Ether, calling for delivery July 21, 1941. Sixty-eight thousand tins were delivered on time as recorded on the quarter-monthly report of July 23. An additional delivery of 142,800 tins is shown on the report for July 31. This leaves a balance of 164,200 tins fifteen days behind schedule.

According to a summary of Weekly Vital Statistical Report No. 31, August 7, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 3.55. This percentage shows 3.15 remaining in hospitals and .40 in quarters.

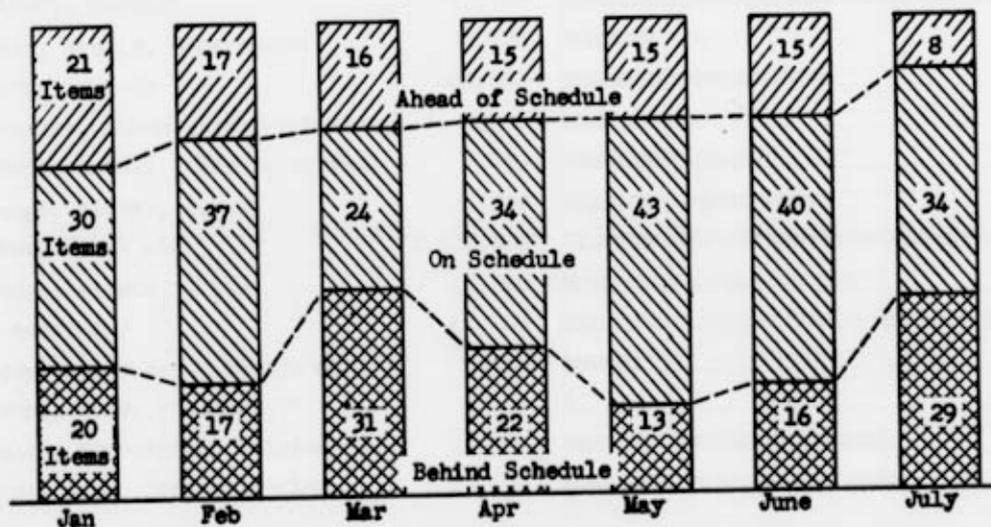
MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - JULY 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Sixty-One Critical Items

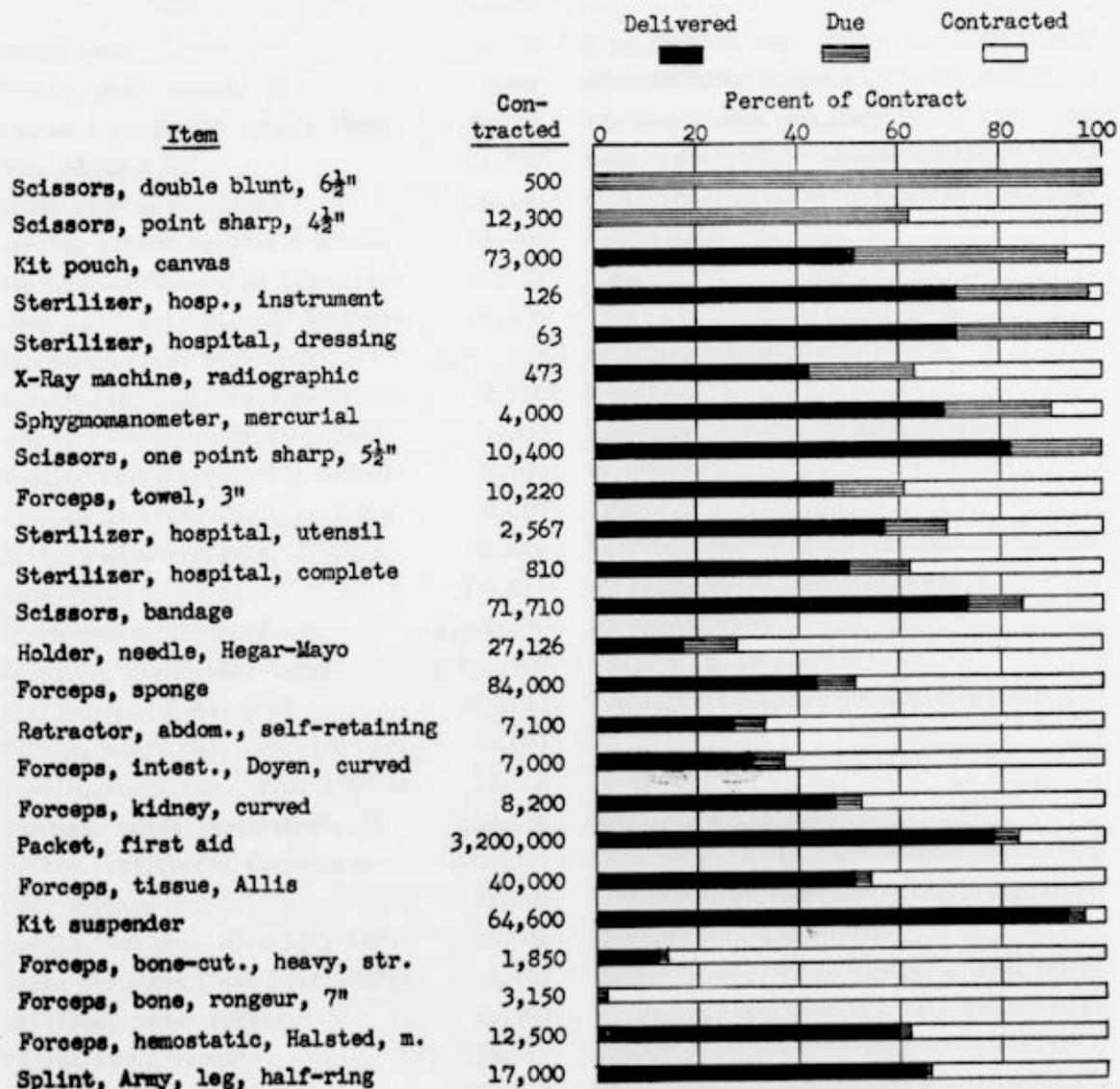


Seventy-One Selected Items



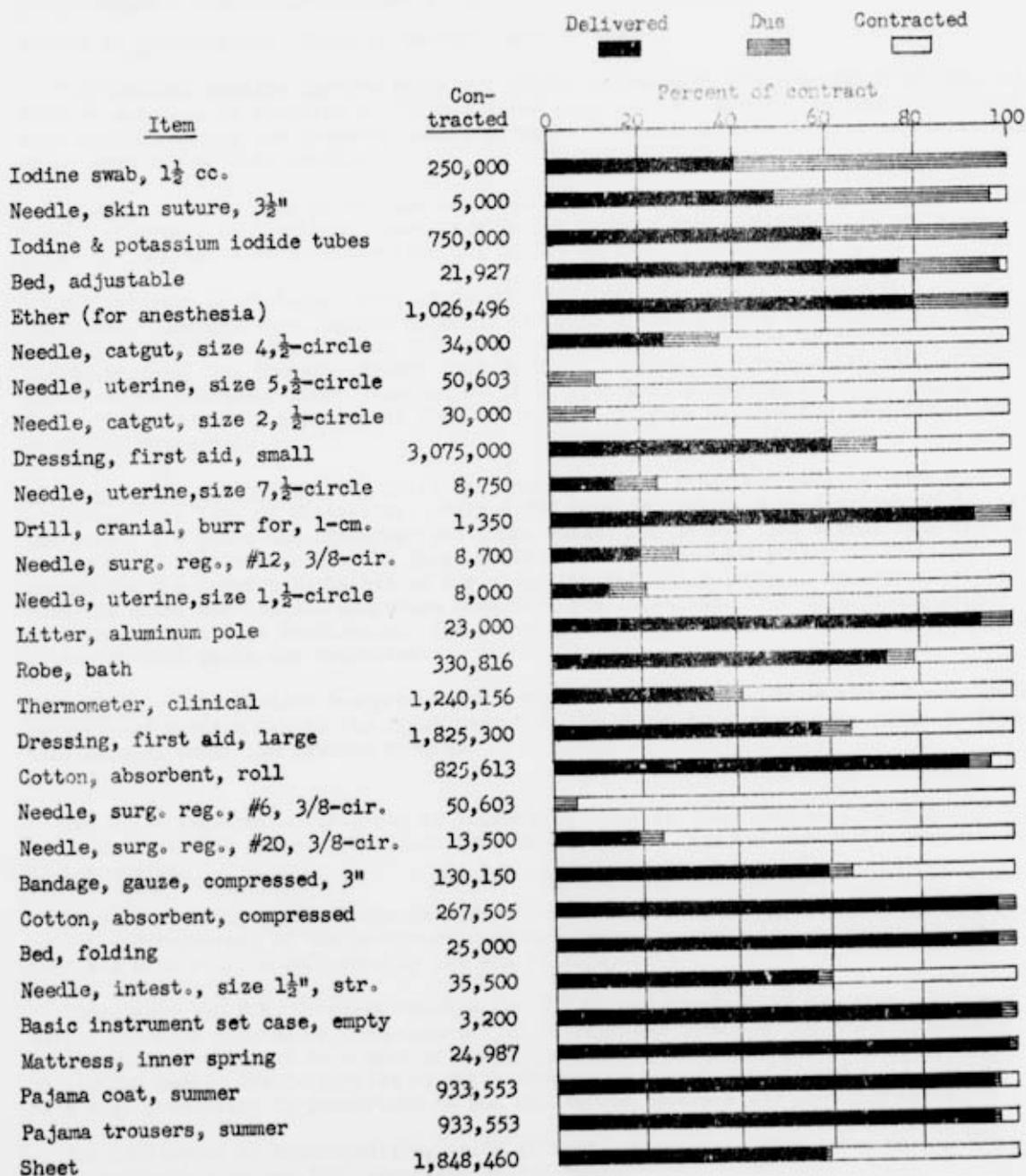
MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - JULY 31, 1941

Source of Information: Medical Department Procurement Progress Reports



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

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS AUGUST 8, 1941

Source of Information: Chemical Warfare Service Reports

The Chemical Warfare Service reports a slight increase in its production of Chemical Warfare materiel as compared with the figures reported last week. The lack of production orders and the low priority rating given to Chemical Warfare Service are still the major problems of this service.

GAS MASKS: The gas mask assemblies reported delivered this week show a slight increase over last week's deliveries. There were 26,515 Service Masks; 6,928 Diaphragm Masks; 2,120 Optical Masks delivered during the period covered by this report.

The assembly of Training Masks at General Tire is held up due to the lack of canister parts. General Tire reports assembly of 1,560 Training Masks and Firestone reports assembly of 15,840 units, making this week's deliveries a total of 17,400 Training Masks. The Continental Can Company advises they will not be able to obtain deliveries of tin plate before September 22nd. Production of canisters is scheduled to begin shortly thereafter, and it is anticipated that the current program will be completed about the middle of September.

EXTRA GAS MASK CANISTERS: The Extra Gas Mask Canisters situation remains unchanged because of the lack of Whetlerite. Only 8,800 Service Canisters were delivered during the week. The Extra and Diaphragm Canisters called for in the 1941 Fiscal Year are expected to be completed about the first of October. The present policy is to finish assembling the Service Masks called for under the Fifth Supplemental Appropriation before the Extra Service and Diaphragm Canisters are assembled. The controlling factor in both cases will be Whetlerite. The Extra Optical Canisters will be finished as soon as the Optical Masks are completed.

MUSTARD GAS: The Mustard Gas production for this week is reported as 158.4 tons. This delivery of Mustard Gas is the first report on the 2,596 tons which were given to Edgewood Arsenal under the Savings Program.

The Pilot Impregnite "I" Plant at Edgewood Arsenal is operating at full capacity and its production amounted to 12.84 tons of which 4.28 tons are now in the process of inspection.

There were 125 Regimental Gas Mask Repair Kits delivered during the week of this report. Procurement of the necessary component parts is completed and it is expected that all kits will be delivered by the end of August.

There were 980 D.M. Irritant Candles and 5,475 Dust Respirators reported delivered during the week covered by this report. It is reported that the low production of Dust Respirators is due to a lack of component parts. No Smoke Pots were delivered during the week. The deliveries of White Phosphorus amounted to 104.34 tons, which is a high production in comparison to the deliveries reported the past few weeks.

The deliveries of Demustardizing Agent (Bleach) amounted to 26.9 tons, making the total deliveries on the 1941 contracts 88.355 tons.

CONTRACT STATUS OF SELECTED ITEMS  
PROCUREMENT PROGRAM 1940, 41 and 42

Source of Information: Chemical Warfare Service

August 8, 1941

CRITICAL ITEMS

	<u>Program</u>	<u>%</u>	<u>Percent of Program</u>	<u>%</u>
Masks, Optical	116,623	100		0
CNB Gas (tons)	92	100		0
IM Candles	11,030	100		0
White Phosphorus	3,084	100		0
Repair Kits, Reg.	2,971	100		0
Repair Kits, Service	59,209	100		0
Field Laboratories	8	100		0
Canister, Diaphragm	482,478	93		7
Alarms, Gas	36,438	86		14
Masks, Diaphragm	1,360,802	82		18
Masks, Service	3,257,370	80		20
Impregnite shoe (ton)	4,796	76		24
Canister, Service	1,298,472	71		29
Mustard Gas (ton)	18,380	62		38
Impregnite I (ton)	3,612	47		53
Canister, Optical	46,362	42		58
Screening Smoke	1,603,700	33		67
Shells, CM	60,700	31		69
Airplane Tanks M10	22,840	26		74
Container Steel	19,595	16		84
Shells, L.P.	24,327	15	85	
Ointment, Prot.	3,107,464	9	91	
Protector Col. M1	3,619	5	95	
Flame Thrower	1,000	0	100	

ESSENTIAL ITEMS

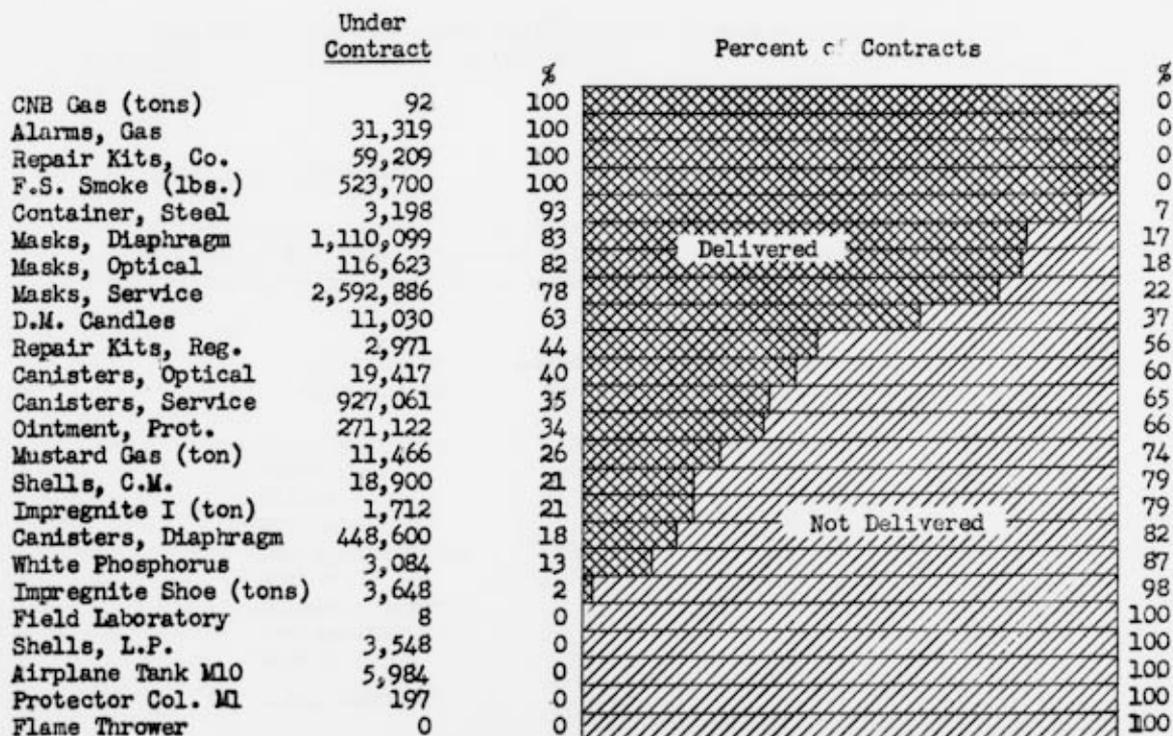
Kits, Repair Co. Tr.	385,400	100		0
Kits, Repair Reg. Tr.	3,965	100		0
Ident. Sets, Det.	4,938	100		0
Ident. Sets, Inst.	4,121	100		0
Disinfectant, Mask	53,771	100		0
CN Solution	17,087	100		0
Shells, L.P. (F.S.)	394	100		0
Shells, L.P. (Cml.)	60	100		0
Land Mines, Cml.	52,000	100		0
Masks, Training	2,351,000	78		22
Smoke Pots	138,918	49		51
Capsules, C.N.	749,098	37		63
Dust Respirators	715,176	21		79
Candles, D.M. Tr.	87	0	100	

DELIVERY STATUS OF SELECTED ITEMS  
PROCUREMENT PROGRAM 1940, 41 and 42

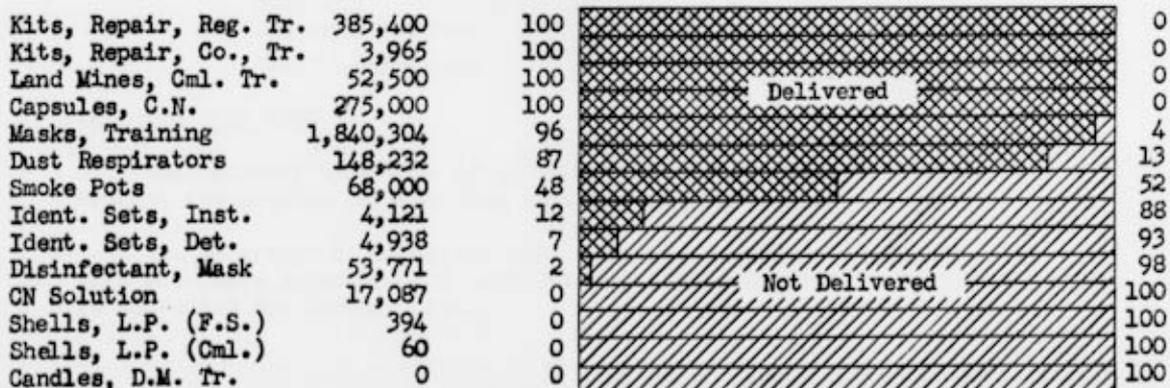
Source of Information: Chemical Warfare Service

August 8, 1941

CRITICAL ITEMS



ESSENTIAL ITEMS



TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH AUGUST 8, 1941

Source of Information: Office, Chief of Coast Artillery

SUBMARINE MINE CABLE

Complete deliveries have been received on the program of 3,631,050 feet of submarine mine cable.

SUBMARINE MINE EQUIPMENT

Of the total program of 197 mine groups, 144 are delivered. A breakdown of the total together with scheduled completion dates of undelivered projects is shown below.

Location of mine groups	Number of groups	Scheduled date of completion
Chesapeake Bay	28	complete
Sandy Hook	23	"
Balboa	16	"
Cristobal	15	"
Narragansett Bay	12	"
Boston	9	"
Columbia River	7	"
Portsmouth	6	"
Manila	28	"
Total complete	144	
San Francisco Bay	14	Jan. '42
Delaware Bay	25	Mar. '42
Portland	10	Apr. '42
Southern New York	4	Apr. '42
Total undelivered	53	

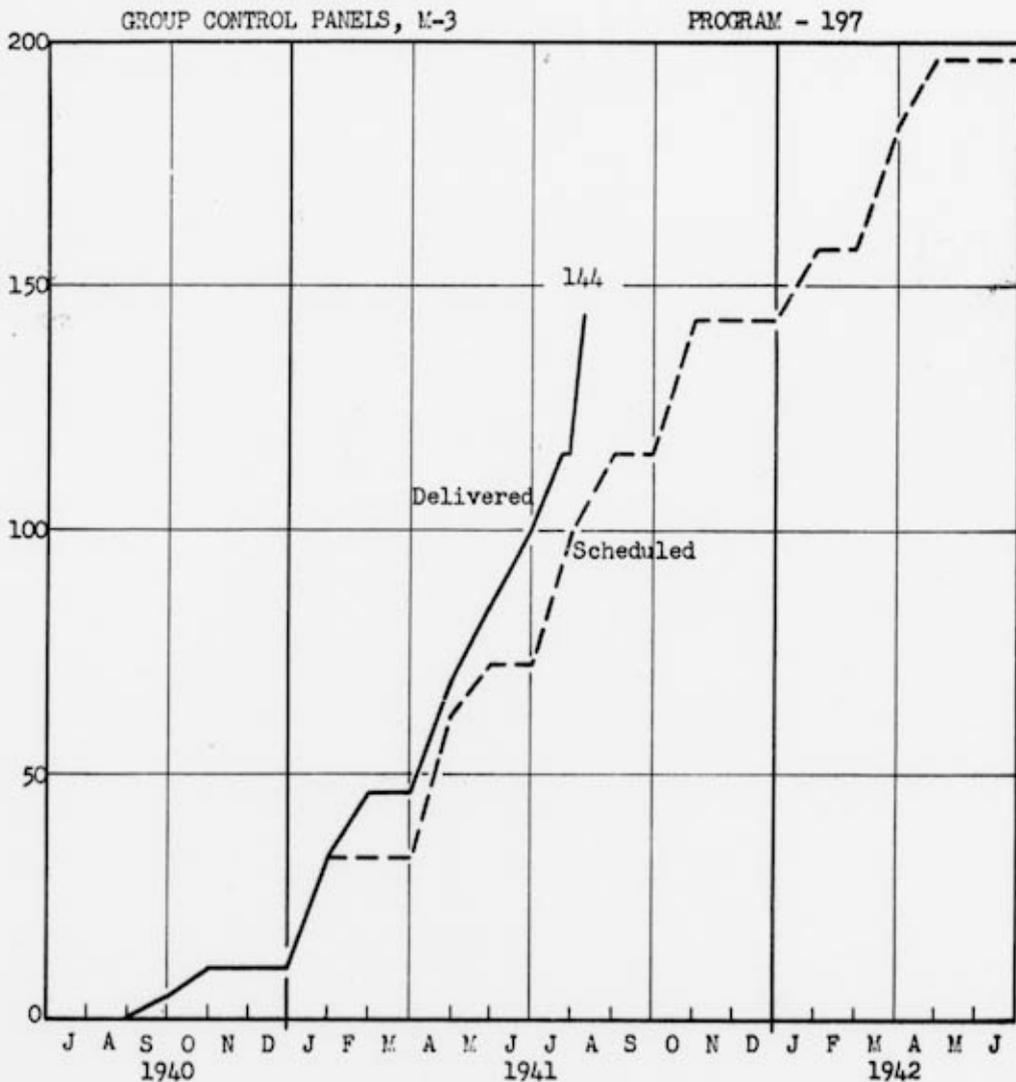
PROGRESS THIS WEEK

The delivery this week of 120,000 feet of submarine mine cable brought the program on that item to total completion.

The 28 groups of submarine mine equipment installed at Manila this week were scheduled for next October. The next installation is scheduled for January, 1942.

DIAGRAM - COAST ARTILLERY CORPS - PROCUREMENT THROUGH AUGUST 3, 1941

Source of Information: Office of the Chief of Coast Artillery



Coast Artillery Corps