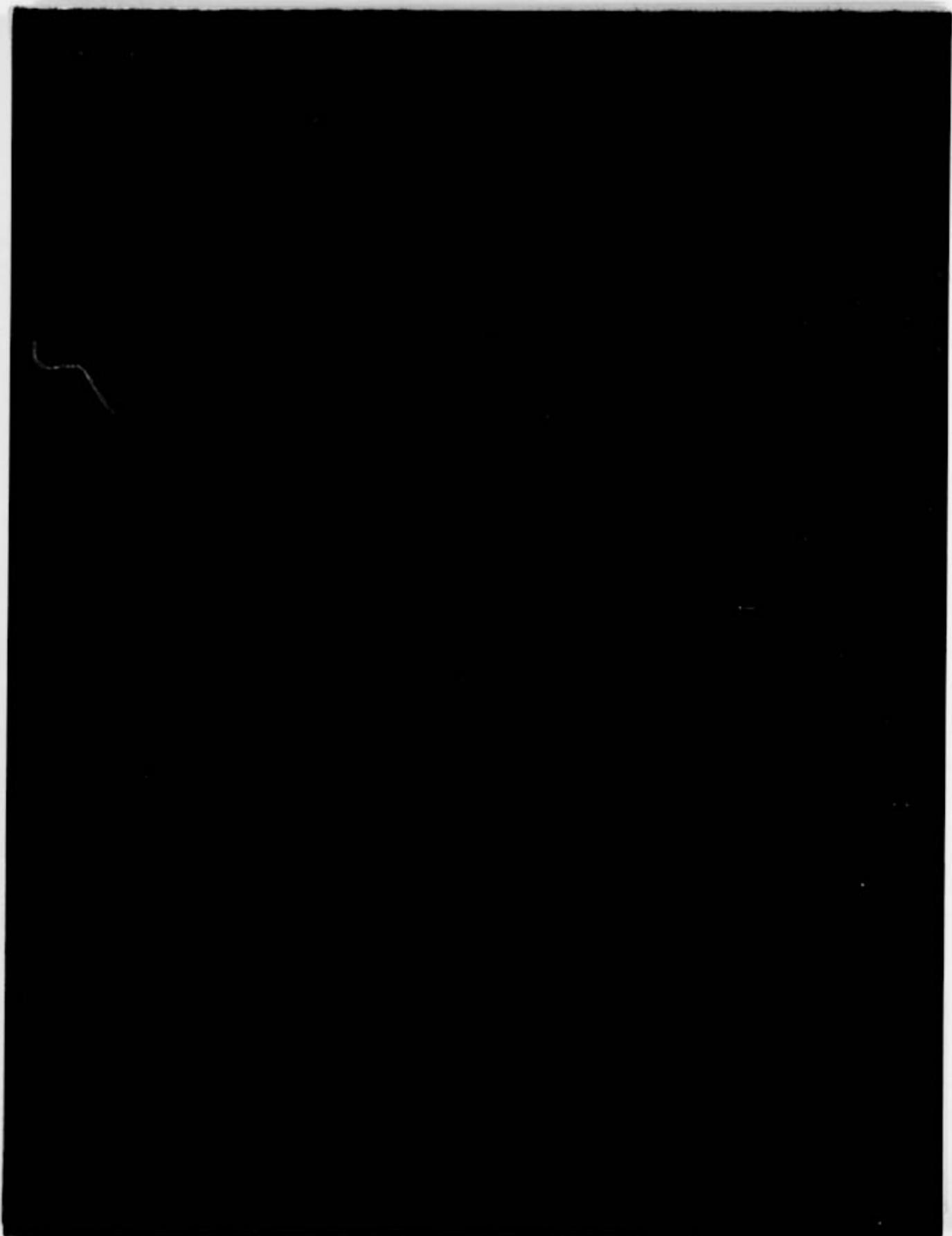


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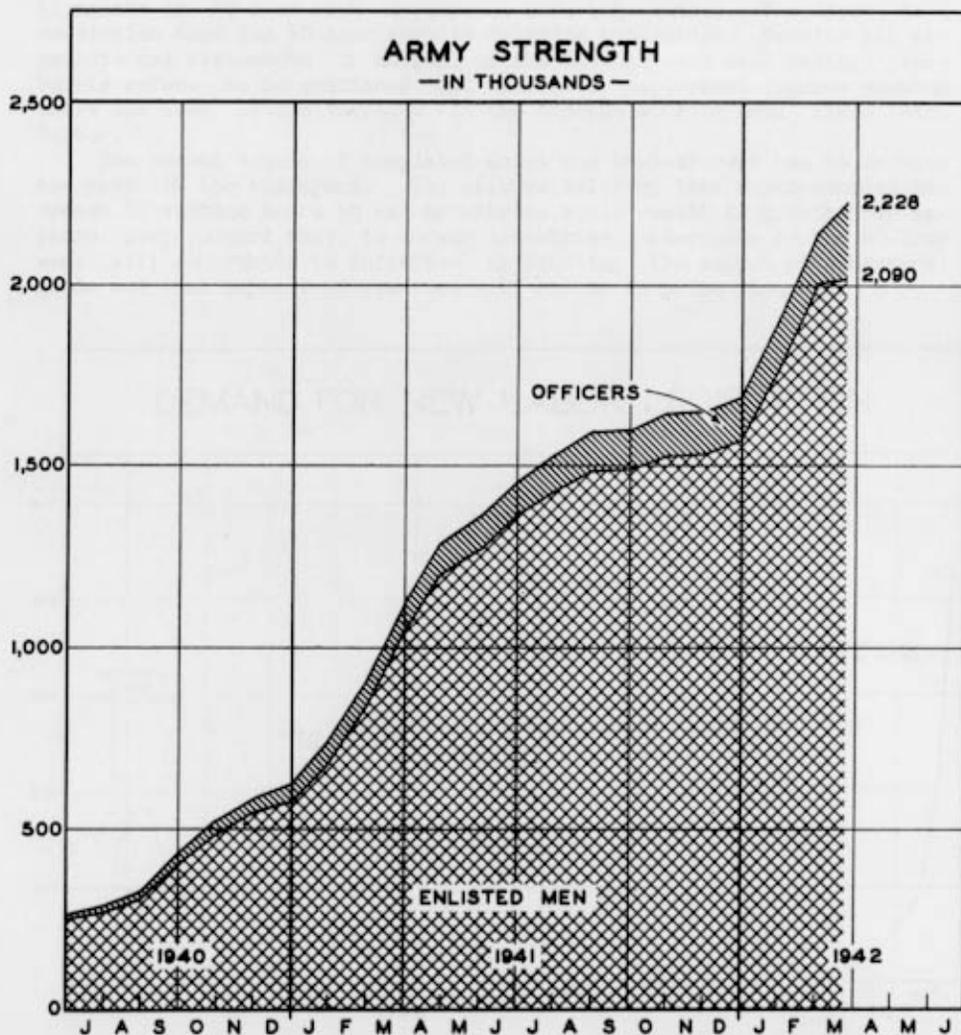


WEEKLY STATISTICAL SUMMARY
 REPORT NO. 39
 MARCH 28, 1942

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ARMY STRENGTH - MARCH 25, 1942

Source of Information: Statistics Branch, General Staff



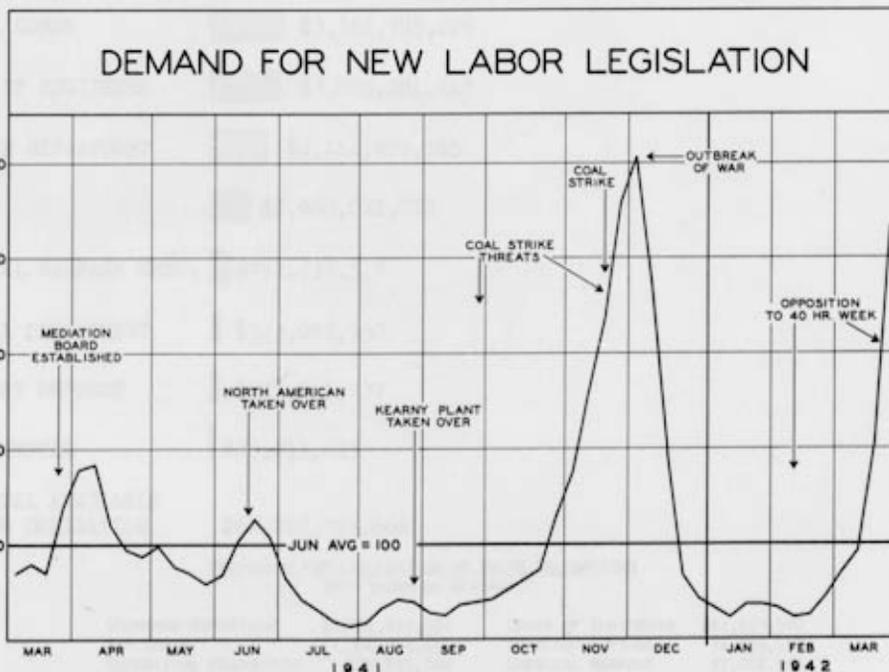
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistical Services, March 25, 1942

Demand for new labor legislation rose to a high point in the first week of December and declined rapidly following the outbreak of war. During December this demand was for strike control legislation; now it is for the abrogation, for the duration of war, of the 40-hour week.

There is little complaint now about work stoppages. The desire to eliminate the 40-hour week appears to have two sources. The first is a conviction that the 40-hour week is delaying production. Despite all arguments and statements in support of the 40-hour week most editors stubbornly refuse to be convinced and they cite employment figures showing there has been little increase in the average working week since Pearl Harbor.

The second source of complaint about the 40-hour week has to do with the cost to the taxpayers. The editors believe that a substantial increase in working hours in war industries would result in prohibitive expense. They contend that, in nonwar industries, observance of the 40-hour week will contribute to inflation by limiting the output of consumers' goods and that payment of overtime will result in price advances.



STATUS OF APPROPRIATIONS - MILITARY ESTABLISHMENT FISCAL YEARS 1940-1941-1942

Source of Information: Appropriation Acts (including Fifth Supplemental, FY 1942)

Cash Appropriations	67,365,060,746
Contract Authorization	<u>5,308,938,834</u>
	72,673,999,580
Provision for Liquidations	<u>-4,663,211,914</u>
Total Available for Obligations	68,010,787,666

CASH APPROPRIATIONS AND CONTRACT AUTHORIZATIONS LESS LIQUIDATIONS

ORDNANCE DEPARTMENT		\$23,832,602,603
AIR CORPS		\$17,572,264,187
QUARTERMASTER CORPS		\$9,357,178,281
EXPEDITING PRODUCTION		\$5,524,902,000
SIGNAL CORPS		\$3,161,995,225
CORPS OF ENGINEERS		\$3,072,284,445
FINANCE DEPARTMENT		\$2,464,859,585
OTHERS		\$1,663,021,013
CHEMICAL WARFARE SERV.		\$761,538,517
MEDICAL DEPARTMENT		\$343,082,950
SEACOAST DEFENSE		\$232,045,237
DEPARTMENTAL		\$25,013,623
TOTAL AVAILABLE FOR OBLIGATION		\$68,010,787,666

PROVISION FOR LIQUIDATION OF PRIOR OBLIGATIONS
(NOT SHOWN ON DIAGRAM)

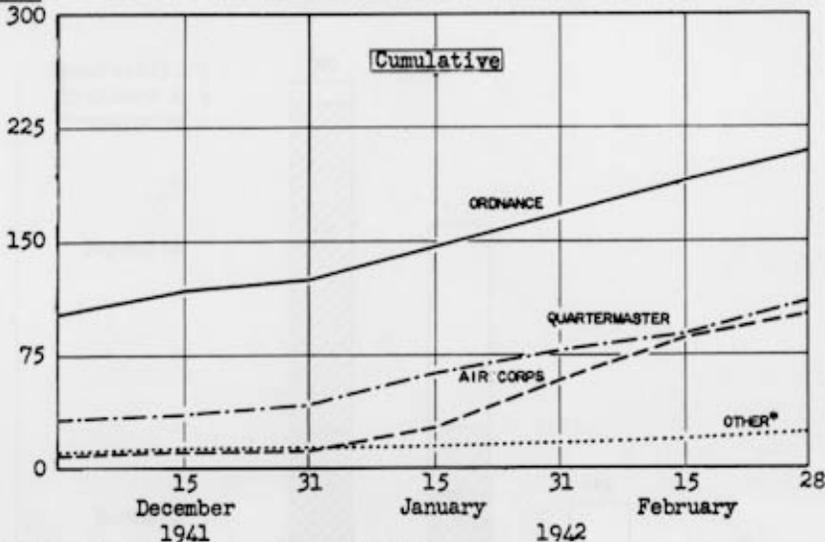
ORDNANCE DEPARTMENT	\$2,082,825,950	CORPS OF ENGINEERS	\$41,673,500
AIR CORPS	1,300,284,860	SEACOAST DEFENSE	31,579,047
EXPEDITING PRODUCTION	878,896,000	CHEMICAL WARFARE	21,022,544
QUARTERMASTER CORPS	233,062,000	MEDICAL DEPARTMENT	6,526,819
SIGNAL CORPS	67,341,194		

STATUS OF DEFENSE AID TRANSFERS - FEBRUARY 28, 1942

Source of Information: All Supply Arms Services

Million
dollars

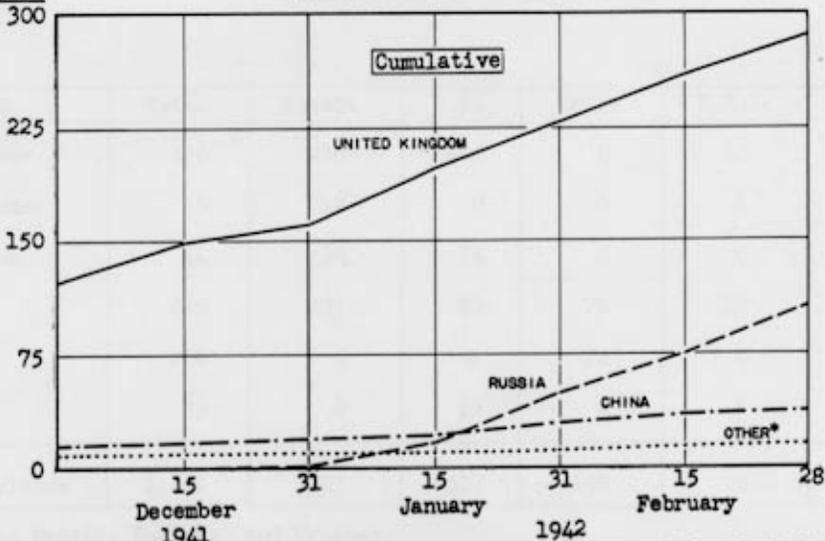
TRANSFERS BY SUPPLY BUREAUS



* Includes C.W.S., Engr., Med., and S.C.

Million
dollars

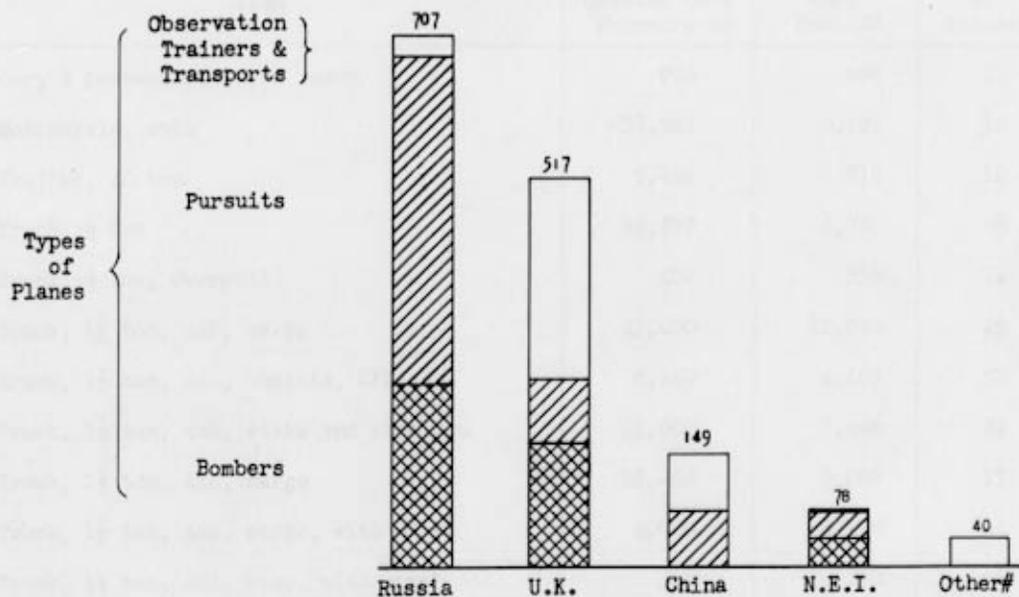
TRANSFERS BY COUNTRY



* Includes Belgium, Brazil, Greece, Netherlands, Norway, Poland, Turkey and Administrative Expense.

DEFENSE AID - DELIVERY OF AIRPLANES TO SHIPSIDE FOR LEND-LEASE COUNTRIES - FEB. 28, 1942

Source of Information: Office of Defense Aid Director



Item	Total	Russia	U.K.	China	N.E.I.	Other#
Light bomber	436	230	166	0	40	0
Medium bomber	13	12	0	0	1	0
Observation	44	30	14	0	0	0
Pursuit	629	435	83	75	36	0
Trainer	296	0	191	70	0	35
Transport	73	0	63	4	1	5
Total Airplanes	1,491	707	517	149	78	40

Includes Brazil, Bolivia, and Uruguay.

DEFENSE AID - REQUESTS AND SHIPMENTS - QUARTERMASTER MOTOR VEHICLES - FEB. 28, 1942

Source of Information: Office, Quartermaster General

Item	Quantity re- quested thru February 28	Shipped thru Feb. 28	Percent of Request
Car, 5 passenger, light sedan	976	866	93
Motorcycle, solo	33,367	5,181	16
Trailer, 40 ton	5,245	516	10
Truck, $\frac{1}{2}$ ton	58,879	4,751	8
Truck, $\frac{1}{2}$ ton, carryall	472	350	74
Truck, $1\frac{1}{2}$ ton, 4x2, cargo	43,430	21,076	49
Truck, $1\frac{1}{2}$ ton, 4x2, chassis, CKD	8,449	4,405	52
Truck, $1\frac{1}{2}$ ton, 4x2, stake and platform	11,600	3,696	32
Truck, $1\frac{1}{2}$ ton, 4x4, cargo	18,248	3,098	17
Truck, $1\frac{1}{2}$ ton, 4x4, cargo, with winch	4,900	3,138	64
Truck, $1\frac{1}{2}$ ton, 4x4, dump, with winch	366	350	96
Truck, $2\frac{1}{2}$ -5 ton, 6x4, cargo	36,760	14,508	39
Truck, $2\frac{1}{2}$ ton, 6x6, cargo	39,674	8,071	20
Truck, $2\frac{1}{2}$ ton, 6x6, cargo, with winch	4,543	2,140	47
Truck, 4 ton, 6x6, cargo, with winch	1,331	156	12
Truck, 4 ton, 6x6, wrecker, with winch	590	173	29
Truck, 5-6 ton, 4x4, timber haul	85	50	59
Truck, 5-6 ton, 4x4, tractor, with winch	142	142	100
Truck, 6 ton, 6x4, wrecker	374	193	52
Truck, 6 ton, 6x6, prime mover, with winch	3,060	36	1
Truck, 10 ton, 6x4, G.S., load carrier	3,389	188	6
Truck, 40 ton, 6x4, tank transporter	4,235	803	19

DEFENSE AID AS A PORTION OF U.S. ARMY PROCUREMENT - AMMUNITION - FEBRUARY 28, 1942

Source of Information: Ordnance Department

Item	DEFENSE AID (FROM LEND-LEASE FUNDS) (THOUSANDS)	% OF TOTAL	PER CENT OF TOTAL ARMY PROCUREMENT				
			0	20	40	60	80
Shell, HE, M56, 81mm mortar	550	43					
Shell, HE, 155mm howitzer, M107	720	39					
Cartridge, cal. 45, ball	703,802	30					
Shell, HE, 40mm, AA	3,510	24					
Shell, HE, 75mm howitzer	1,296	24					
Cartridge, cal. 50, ball	25,340	22					
Shot, AP, 37mm, T & AT	4,990	14					
Cartridge, cal. 30, AP	378,760	14					
Shell, normal charge, 75mm gun	430	12					
Shell, HE, M43A1, 81mm mortar	497	10					
Shell, HE, 155mm gun, M101	118	9					
Shell, HE, 105mm howitzer	1,684	8					
Shell, HE, 90mm, AA, M51 & M71	292	7					
Shot, AP, 75mm gun	808	6					
Link, belt, cal. 50	235,500	6					
Cartridge, cal. 30, ball	335,798	6					
Shell, HE, 37mm, T & AT	390	3					
Cartridge, cal. 50, tracer	14,060	2					
Link, belt, cal. 30	38,000	2					
Cartridge, cal. 30, tracer	34,480	2					
Cartridge, cal. 50, AP	31,923	1					

TEXT SUMMARY - ORDNANCE DEPARTMENT - MARCH 28, 1942

Source of Information: Ordnance Department and Statistical Services, SOS

SMOKELESS POWDER AND TNT

Ordnance Department figures indicate that TNT production for 1943 and the first six months of 1944 will exceed requirements, while smokeless powder production will fall substantially short. While these explosives are not used in an invariable ratio, the two programs may well be compared, as follows:

	War Munitions Program requirement (Million pounds)	Number of plants (Including commercial)	Estimated production (Million pounds)	Percent of requirement
<u>Smokeless Powder</u>				
1942	1,230	12	704	57
1943	2,534	15	1,216	48
1944 (6 months)	1,375	15	658	48
<u>TNT</u>				
1942	1,021	21	916	90
1943	2,213	21	2,579	117
1944 (6 months)	1,119	21	1,351	121

These requirements are the total annual amounts necessary to load the ammunition listed on the War Munitions Program as prescribed by General Staff on February 11, 1942. In addition, bulk requirements for the Navy, Defense Aid, and other services are included. It is unlikely that actual needs will be nearly so high, but these requirements serve as a measure for comparing the balance between the programs of smokeless powder and TNT.

Charts on pages 18 and 19 show TNT and smokeless powder production by months for the year 1942 compared with a more immediate and realistic requirement, namely the amounts required to load all the ammunition now scheduled.

It is indicated that there is a general lack of balance between the TNT and smokeless powder programs. Over-emphasis of new facilities for production of TNT in comparison with new smokeless powder plants appears to be the cause.

ARMORED CARS

The present war has revealed a need for the armored car capable of reconnaissance and combat duty. Thus several types are being developed in this country. Schedules are available on medium and heavy types.

Reasonable 1942 production of the medium car by existing facilities is 5,485. This compares with a requirement of 23,783 indicated in the War Munitions Program. That heavy armored car production in 1942 will also lag is indicated; the estimated output of 618 cars compares with the 2,500 required.

MONTHLY ACCEPTANCES - EQUIPMENT - FEBRUARY 28, 1942

Source of Information: Ordnance Department

	AIRCRAFT ARMAMENT				ANTI-AIRCRAFT					ARTILLERY				
	MACH GUN	MACH GUN	GUN 20MM	GUN 37MM	GUN 90MM	GUN 40MM	GUN 37MM	MACH GUN	HOW 75MM	HOW 105MM	GUN 155MM	MODERNIZATION		
	CAL. 30	CAL. 50	AUTO	AUTO				CAL. 50 WC				CARRIAGE 75MM GUN	CARRIAGE 155MM HOW	
1940														
JUL	0	0	0	0	0	0	0	0	0	0	0	35	0	
AUG	762	0	0	0	0	0	0	0	0	0	0	23	0	
SEP	1,010	277	0	0	0	0	0	76	6	0	0	84	0	
OCT	751	1,783	0	0	0	0	99	20	10	0	0	36	0	
NOV	0	326	0	0	0	0	49	0	5	0	0	31	0	
DEC	0	550	0	0	0	0	34	0	15	0	3	45	35	
1941														
JAN	387	130	0	0	0	0	40	0	15	0	4	8	127	
FEB	350	0	0	0	1	0	27	0	8	0	1	42	99	
MAR	620	998	0	7	5	0	50	0	6	0	1	56	115	
APR	620	614	0	1	0	0	43	100	17	25	1	16	101	
MAY	512	1,061	0	6	8	0	84	150	19	18	8	46	100	
JUN	625	1,588	0	30	1	0	40	322	17	18	2	70	80	
JUL	500	3,175	0	50	10	0	10	0	6	0	0	68	120	
AUG	984	4,912	5	12	23	0	0	600	39	9	7	143	80	
SEP	625	6,330	50	25	21	0	8	583	73	71	4	92	80	
OCT	1,681	6,473	0	28	34	0	0	480	60	144	6	108	80	
NOV	1,177	4,940	188	66	21	0	13	523	93	189	3	31	100	
DEC	3,636	10,712	1,152	165	47	0	23	917	69	123	25	13	80	
1942														
JAN	5,707	9,494	2,405	250	75	0	9	524	118	275	23	0	70	
FEB	4,440	15,197	2,826	267	74	19	40	784	64	367	28	0	30	

	INFANTRY ARMAMENT						COMBAT VEHICLES					
	RIFLE CAL. 30 M1	MACH GUN CAL. 30	MACH GUN CAL. 50	GUN 37MM ANTITANK	MORTAR 60MM	MORTAR 81MM	TANK LIGHT	TANK MED	HALF TRACKS M2 & M3	SUBMACH GUN CAL. 45	GUN 37MM TANK	GUN 75MM TANK
1940												
JUL	5,290	434	0	20	6	32	0	0	0	13	50	0
AUG	7,598	283	0	75	177	50	0	0	0	0	56	0
SEP	8,075	1,455	0	92	137	70	0	0	0	0	34	0
OCT	10,480	401	707	111	169	38	0	0	0	562	14	0
NOV	11,203	0	0	43	144	83	0	0	0	644	12	0
DEC	13,812	476	0	15	142	63	0	0	0	1,802	0	0
1941												
JAN	14,718	3,022	0	40	262	51	0	0	0	1,131	57	0
FEB	13,335	3,620	33	0	454	39	0	0	0	793	134	1
MAR	16,450	4,621	80	2	410	48	0	0	0	3,797	153	0
APR	18,800	5,542	101	57	553	2	127	1	0	359	335	3
MAY	22,000	4,620	0	12	604	182	212	0	2	4,568	425	10
JUN	25,950	6,081	1	63	836	238	210	9	397	5,498	622	36
JUL	30,000	6,286	1	72	1,064	221	264	26	812	34,947	571	52
AUG	30,760	4,601	237	188	290	256	281	70	732	24,853	634	78
SEP	26,970	4,663	876	366	397	349	309	203	766	25,840	502	132
OCT	31,049	2,579	829	555	567	455	400	249	985	42,930	735	241
NOV	29,110	3,874	0	451	435	391	338	325	713	27,088	329	292
DEC	36,530	5,167	291	446	352	129	410	490	1,017	41,644	586	371
1942												
JAN	40,330	7,429	1,100	609	424	195	378	576	1,051	39,716	885	477
FEB	40,140	6,389	1,656	639	300	339	363	630	943	45,783	942	533

Note: Gun figures are factory acceptances; proof-fired acceptances were reported previously.

EQUIPMENT PROCUREMENT - SUMMARY - MARCH 15, 1942

Source of Information: Ordnance Department

Item	Acceptances			Schedules		
	Jan	Feb	Mar 1-15(a)	Mar	Apr	May
<u>AIRCRAFT ARMAMENT</u>						
Machine gun, cal.30	5,707	4,440	2,409	9,190	9,990	9,980
Machine gun, cal.50	9,494	15,197	5,991	14,047	14,814	15,771
Gun, 20mm automatic	2,405	2,826	1,574	3,525	4,250	4,916
Gun, 37mm automatic	250	267	162	333	400	425
<u>COMBAT VEHICLES</u>						
Tank, light	378	363	174	380	435	520
Tank, medium	576	630	245	796	950	1,060
Tank, heavy	0	0	0	0	0	3
Scout car	0	0	0	350	650	800
Personnel carrier, M2&M4	643	588	156	238	337	232
Personnel carrier, M3	408	355	95	300	475	551
Submachine gun, cal.45	39,716	45,783	20,931	58,000	62,000	60,000
Gun, 37mm tank	885	942	416	1,399	1,400	1,900
Gun, 75mm tank	477	533	365	645	1,000	1,254
<u>ANTIAIRCRAFT</u>						
Gun, 90mm	75	74	27	125	147	183
Gun, 40mm	0	19	0	170	260	340
Gun, 37mm	9	40	7	35	100	150
Mach. gun, cal.50 (WC)	524	784	568	1,715	2,110	2,525
<u>ARTILLERY</u>						
Howitzer, 75mm	118	64	0	0	40	70
Gun, 3", AT, self-prop.	0	0	0	0	0	0
Howitzer, 105mm	275	367	244	361	361	361
Gun, 4.5", AT, self-prop.	0	0	0	0	0	0
Gun, 155mm	23	28	9	30	30	30
<u>(Modernization - HS)</u>						
Carriage, 75mm gun	0	0	0	0	0	0
Carriage, 75mm gun, AT	0	0	0	0	0	0
Carriage, 155mm how.	70	30	30	118	0	0
Carriage, 155mm gun	38	107	18	200	163	0
<u>INFANTRY ARMAMENT</u>						
Rifle, cal.30, M1	40,330	40,140	21,640	32,500*	37,500*	39,000*
Mach. gun, cal.30(Var) (b)	7,429	6,389	3,572	9,825	9,950	10,976
Mach. gun, cal.50 (HB) (b)	1,100	1,656	1,428	2,350	2,400	2,450
Gun, 37mm antitank	609	639	70	786	918	848
Mortar, 60mm	424	300	200	674	799	799
Mortar, 81mm	195	339	66	380	279	345

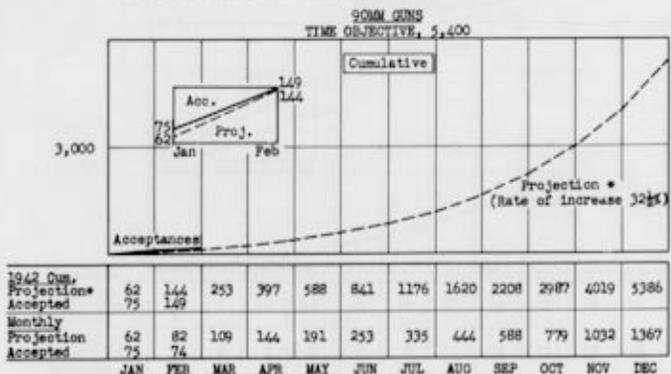
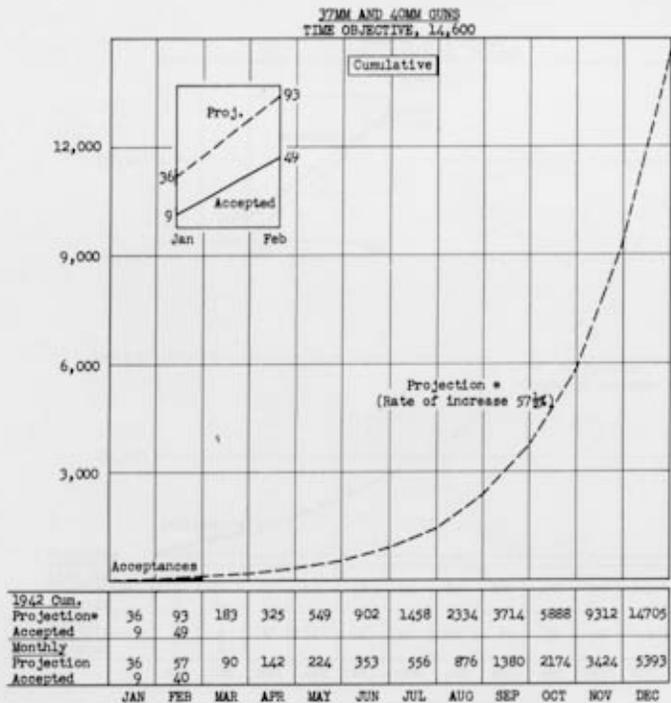
(a) Preliminary.

(b) Figures include armament for combat vehicles.

* Schedule to be revised.

ANTI-AIRCRAFT GUNS - 1942 TIME OBJECTIVES - FEBRUARY 28, 1942

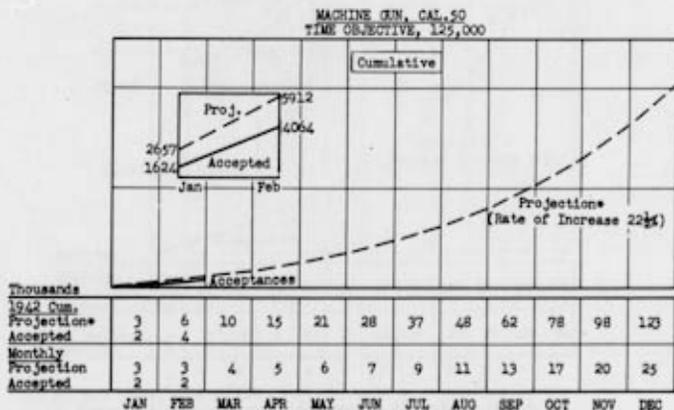
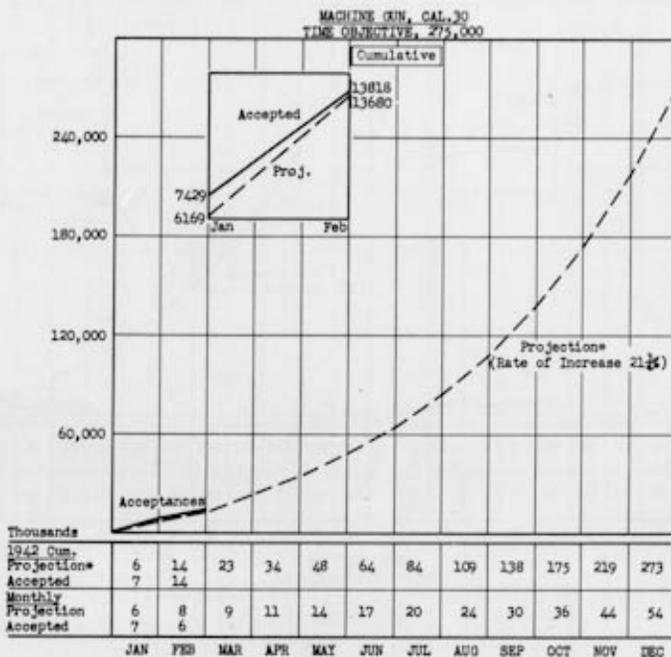
Source of Information: Ordnance Department and Statistical Services, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

MACHINE GUNS - 1942 TIME OBJECTIVES - FEBRUARY 28, 1942

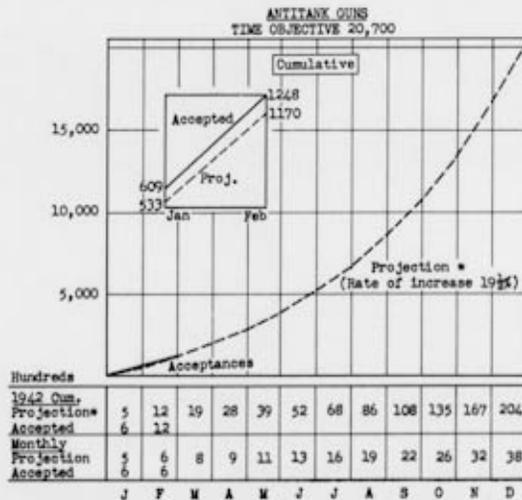
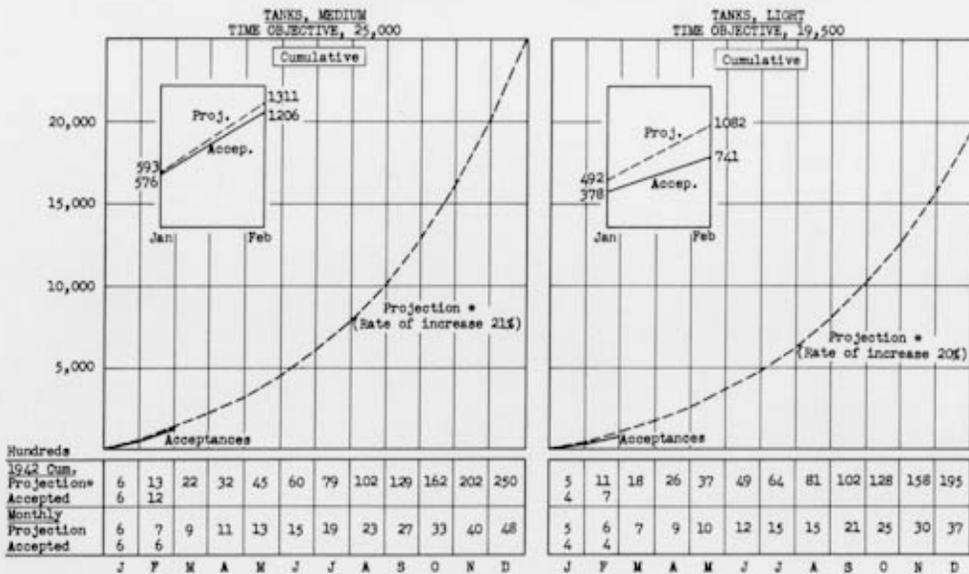
Source of Information: Ordnance Department and Statistical Services, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

TANKS AND ANTITANK GUNS - 1942 TIME OBJECTIVES - FEBRUARY 28, 1942

Source of Information: Ordnance Department and Statistical Services, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - MARCH 23, 1942

(STOCKS EXCLUDE DEFENSE AID SHIPMENTS)

Source of Information: General Staff

Item	Total requirements 3,635,000 men	Stocks in depots and with troops	%	Percent of requirements					
				0	20	40	60	80	100
Aircraft Armament									
Machine gun, cal.30,fix.&fl.	44,260	26,196	59	[Bar chart showing 59%]					
Machine gun, cal.50,fix.&fl.	131,837	58,577	44	[Bar chart showing 44%]					
Gun, 20mm automatic	3,721	5,112	137	[Bar chart showing 137%]					
Gun, 37mm automatic	2,896	883	30	[Bar chart showing 30%]					
Combat Vehicles									
Tank, light	4,441	1,841(b)	41	[Bar chart showing 41%]					
Tank, medium	5,902	1,319 (c)	22	[Bar chart showing 22%]					
Scout car	2,709	2,383 (d)	88	[Bar chart showing 88%]					
Personnel carrier, M2 & M4	11,100	4,546	41	[Bar chart showing 41%]					
Personnel carrier, M3	8,208	2,447	30	[Bar chart showing 30%]					
Machine gun, cal.30 (Var.)	125,849(a)	(a)	-	[Bar chart showing 0%]					
Machine gun, cal.50 (HB)	14,712 (a)	(a)	-	[Bar chart showing 0%]					
Submachine gun, cal.45	155,279	138,850	89	[Bar chart showing 89%]					
Gun, 37mm tank	30,392	2,563	8	[Bar chart showing 8%]					
Gun, 75mm tank	5,872	488	8	[Bar chart showing 8%]					
Antiaircraft									
Gun, 3"	566	566	100	[Bar chart showing 100%]					
Gun, 90mm	1,529	319	21	[Bar chart showing 21%]					
Gun, 4.7"	400	0	0	[Bar chart showing 0%]					
Gun, 37mm	1,985	567	29	[Bar chart showing 29%]					
Gun, 40mm	4,719	0	0	[Bar chart showing 0%]					
Machine gun, cal.50 (WC)	26,638	3,158	12	[Bar chart showing 12%]					
Artillery									
Gun, 75mm (HS)	-	1,022	-	[Bar chart showing 0%]					
Howitzer, 75mm field & pack	452	465	103	[Bar chart showing 103%]					
Howitzer, 105mm, M2A1 & SP	4,697	1,461	31	[Bar chart showing 31%]					
Gun, 155mm	283	106	37	[Bar chart showing 37%]					
Gun, 155mm (HS)	969	222	23	[Bar chart showing 23%]					
Howitzer, 155mm (HS)	1,043	1,620	155	[Bar chart showing 155%]					
Infantry Armament									
Rifle, cal.30, M1	1,524,735	464,040	30	[Bar chart showing 30%]					
Carbine, cal.30, M1	881,698	0	0	[Bar chart showing 0%]					
Machine gun, cal.30 (Var.)	176,047	56,481	32	[Bar chart showing 32%]					
Machine gun, cal.50 (HB)	47,870	7,018	15	[Bar chart showing 15%]					
Gun, 37mm antitank	12,681	3,704	29	[Bar chart showing 29%]					
Mortar, 60mm	8,227	7,001	85	[Bar chart showing 85%]					
Mortar, 81mm	4,708	2,921	62	[Bar chart showing 62%]					

(a) Included in Infantry Armament.

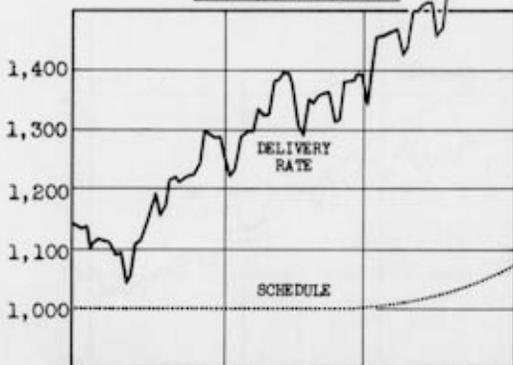
Stocks exclude substandard models formerly included (b) 757, (c) 111, (d) 99.

DAILY RATES - ORDNANCE PROCUREMENT - MARCH 20, 1942

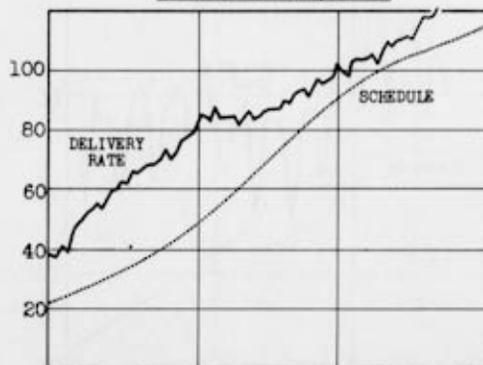
Source of Information: Ordnance Department

Daily rates are averages of schedules and of deliveries for the past 30 days. In statistical terminology the points plotted daily are 30-day moving averages trailed.

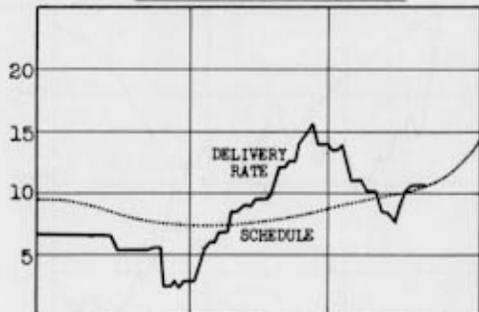
RIFLE, Cal. 30 M1



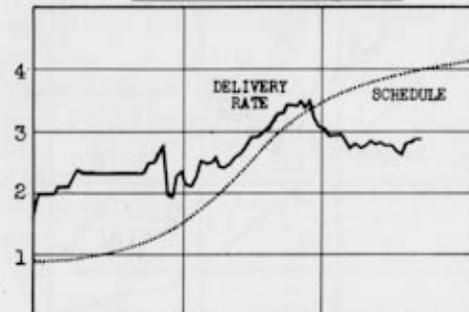
AUTOMATIC GUN, 20MM



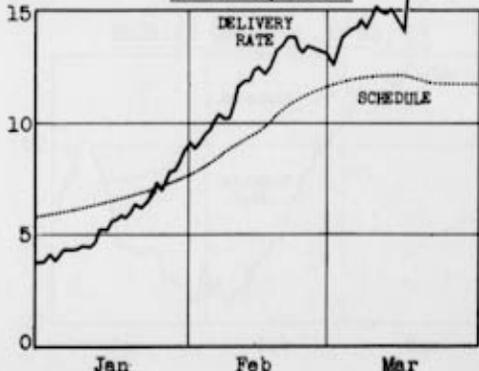
ANTI-AIRCRAFT GUN, 37MM



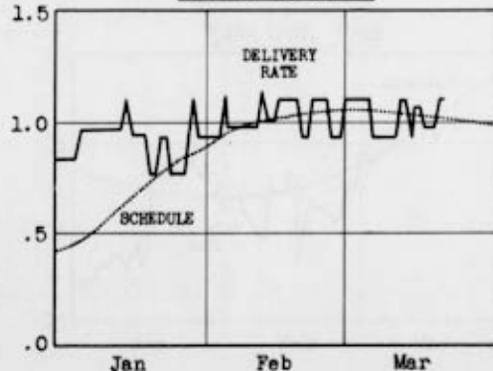
ANTI-AIRCRAFT GUN, 90MM



HOWITZER, 105MM 18.8



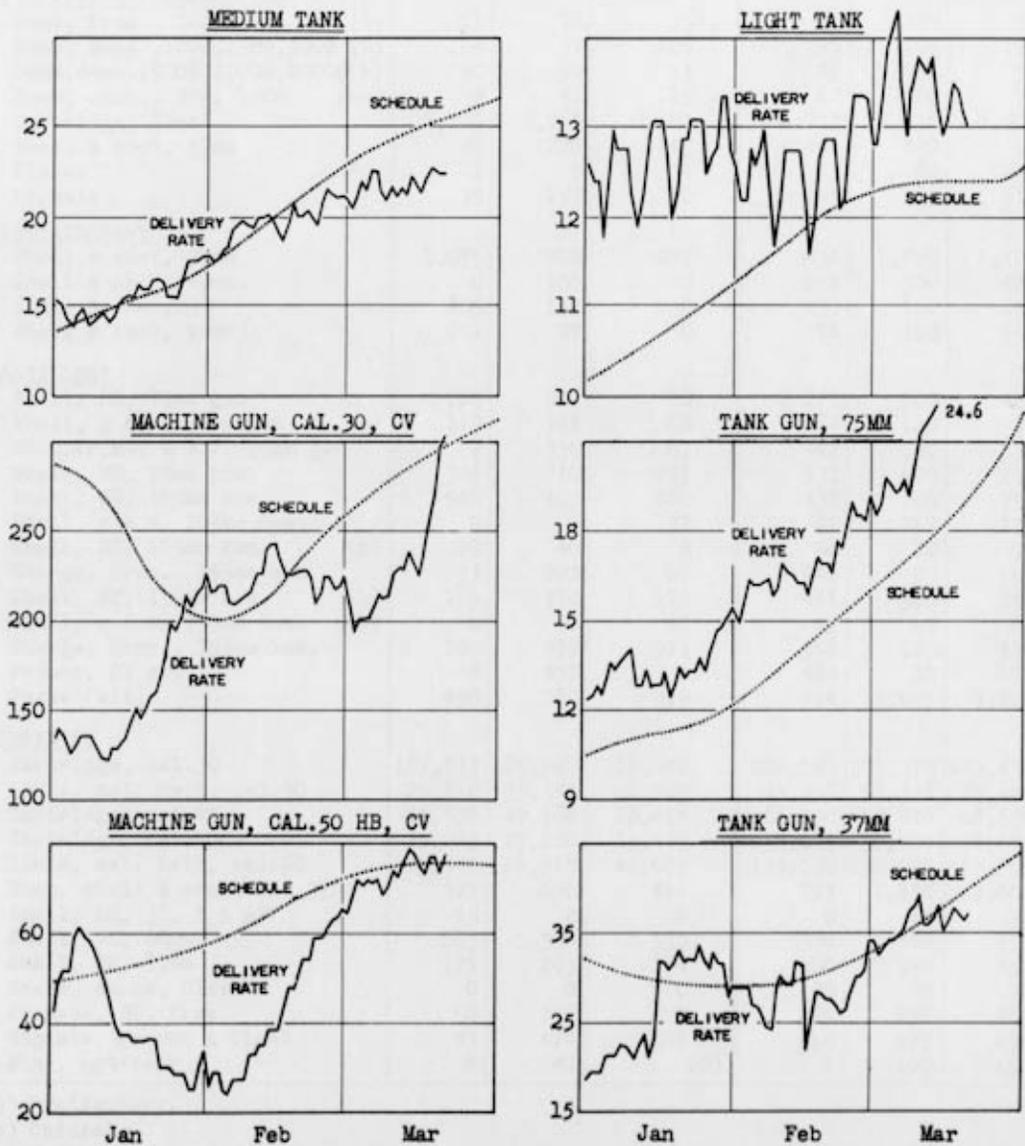
FIELD GUN, 155MM



DAILY RATES - TANK PROGRAM - ORDNANCE PROCUREMENT - MARCH 20, 1942

Source of Information: Ordnance Department

Daily rates are averages of schedules and of deliveries for the past 30 days. In statistical terminology the points plotted each day are 30-day moving averages trailed.



AMMUNITION PROCUREMENT - SUMMARY - MARCH 15, 1942

Source of Information: Ordnance Department

Item	Acceptances			Schedules		
	Jan (THOUS)	Feb (THOUS)	Mar 1-15 (a) (THOUS)	Mar (THOUS)	Apr (THOUS)	May (THOUS)
<u>AIRCRAFT & PYROTECHNICS</u>						
Bomb, frag., 20#, 23# (b)	71	79	55	56	290	60
Bomb, demo., 100#, 250#, 300# (b)	104	57	169	120	205	195
Bomb, demo., 500#, 1000#, 2000# (b)	60	59	11	49	50	57
Bomb, chem., 30#, 100# (bc)	2	51	15	62	69	74
Cartridge, 20mm	6,146	2,963	2,181	4,712	5,550	8,000
Shell & shot, 37mm	20	228	249	194	420	0
Flares	1	5	4	13	82	91
Signals	35	257	70	197	365	418
<u>ANTI-AIRCRAFT</u>						
Shell & shot, 37mm	1,075	910	267	434	1,000	1,120
Shell & shot, 40mm	0	108	0	192	300	420
Shell & shot, 3"	205	147	0	238	100	100
Shell & shot, 90mm	231	97	0	74	100	150
<u>ARTILLERY</u>						
Shell, HE, 75mm gun	260	327	20	271	500	466
Shell, g & s, 75mm gun (b)	119	141	62	84	110	27
Shot, AP, M61 & M72, 75mm gun	2	336	81	442	520	550
Shell, HE, 75mm how.	346	10	289	131	500	210
Shell, HE, 105mm how.	546	463	486	438	700	750
Shell, g & s, 105mm how.	0	0	37	45	155	175
Shell, HE, 155mm gun (b)	20	46	0	58	70	95
Charge, prop., 155mm gun	33	203	67	146	95	55
Shell, HE, 155mm how. (b)	186	310	190	421	300	250
Shell, g & s, 155mm how. (b)	0	2	40	45	65	65
Charge, prop., 155mm how.	240	779	311	558	120	130
Primer, 21 gr.	0	677	0	524	30	170
Fuzes (all)	498	780	319	914	1,055	1,225
<u>INFANTRY</u>						
Cartridge, cal.30	182,913	185,589	118,242	286,120	370,379	443,430
Links, met. belt, cal.30	29,810	35,340	16,965	43,335	51,335	49,445
Cartridge, cal.45	43,598	49,180	28,414	68,990	66,876	68,650
Cartridge, cal.50	21,003	27,828	13,629	37,683	51,906	78,674
Links, met. belt, cal.50	43,449	61,918	41,973	133,750	150,050	159,050
Shot, shell & canister, 37mm	323	666	414	757	1,845	2,600
Shell, HE, 3", T & AT	15	0	0	0	15	30
Shell, HE, 60mm	603	356	330	376	870	750
Shell, HE, 81mm	129	263	174	368	540	450
Shell, smoke, 81mm	0	0	0	20	20	70
Grenade, HE, frag.	58	212	0	99	250	481
Signals, ground & light	93	474	101	510	675	634
Mine, antitank	2	49	.03	0	100	150

(a) Preliminary.

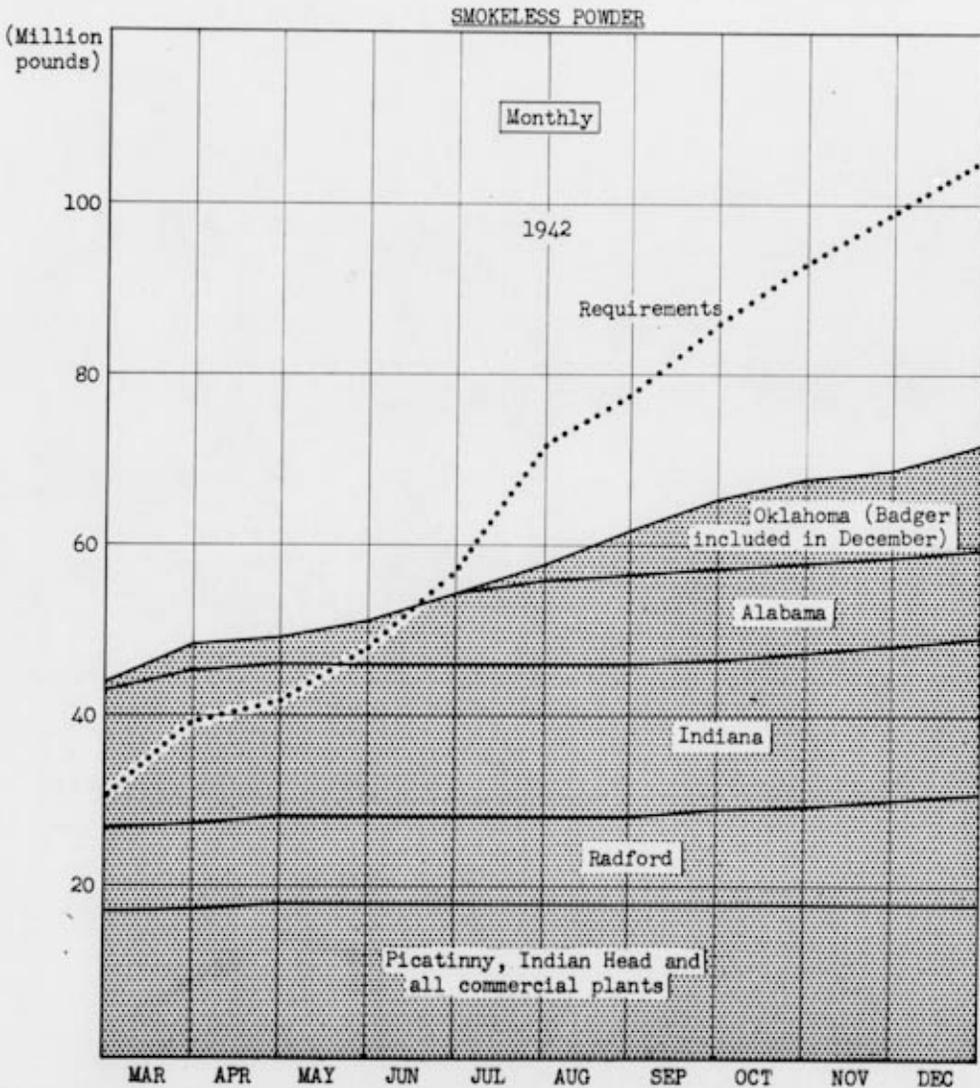
(b) Unfused.

(c) Unfilled.

SMOKELESS POWDER - ESTIMATED PRODUCTION AND REQUIREMENTS - FEBRUARY 28, 1942

Source of Information: Ordnance Department, WPB, and Statistical Services, SOS

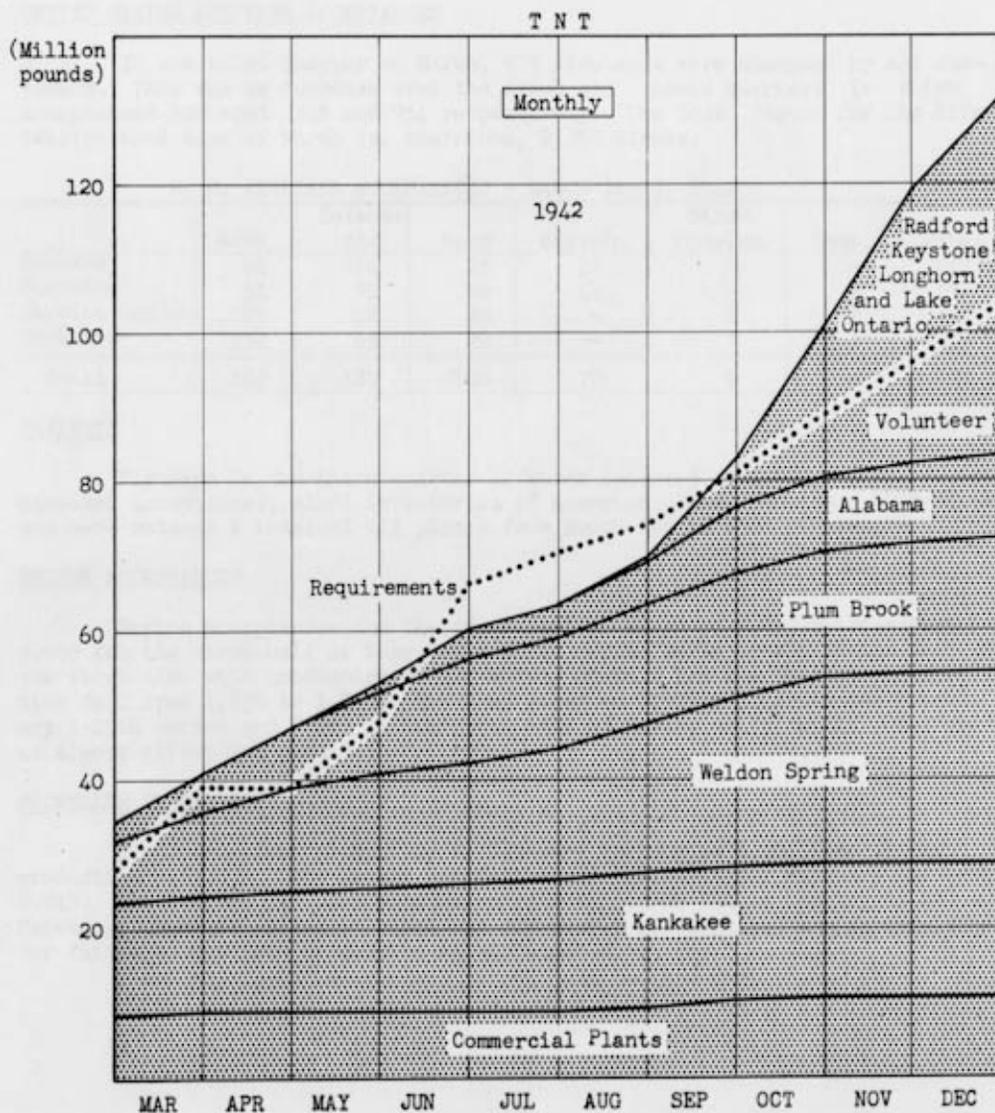
Monthly requirements for smokeless powder, which are based on loading schedules as of January 31, 1942, plus the needs of Navy and Defense Aid, will greatly exceed production by December, 1942. Although accumulated stocks may be sufficient to meet requirements through 1942, it may be seen that a shortage is highly probable in 1943.



TNT - ESTIMATED PRODUCTION AND REQUIREMENTS - FEBRUARY 28, 1942

Source of Information: Ordnance Department and War Production Board

Monthly production of TNT will greatly exceed requirements by December, 1942, which are based on loading schedules as of January 31, 1942, plus needs of the Navy, Defense Aid, Coast Artillery, and Engineers. Ability of TNT plants to produce at a greater rate than had previously been estimated is the cause.



TEXT SUMMARY - AIRCRAFT PROCUREMENT

Sources of Information: Materiel Division - Air Corps
Bureau of Aeronautics - U. S. Navy

UNITED STATES AIRPLANE ACCEPTANCES

In the third quarter of March, 975 airplanes were accepted by all customers. This was an increase over the first and second quarters in which acceptances numbered 568 and 754 respectively. The total figure for the first twenty-three days of March is, therefore, 2,297 planes.

U. S. AIRPLANE ACCEPTANCES - MARCH 16-23, 1942

	Army	Defense Aid	Navy	Britain	Other Foreign	Comm.	Total
Bombers	94	61	25	32	-	-	212
Pursuits	54	71	26	41	-	-	192
Service Combat	123	12	20	-	2	1	158
Trainers	331	45	29	-	7	1	413
Total	602	189	100	73	9	2	975

FLYAWAYS

Flyaways in the third quarter of March amounted to 1,018. Since flyaways exceeded acceptances, plant inventories of accepted planes continued to decline and were reduced a total of 241 planes from March 1st to 23rd, inclusive.

ENGINE ACCEPTANCES

Engine acceptances for the first half of March were 3,932 as against 3,908 for the first half of February. Buick became an important factor for the first time with production of 128 units, whereas Pratt & Whitney production fell from 1,239 to 1,070. The Army received 1,979 engines in the February 1-15th period and 2,281 in the first half of March, while the Navy suffered an almost offsetting decline.

PROPELLER PRODUCTION

U. S. propeller production in February dropped to 6,404 from January production of 7,875. The latest manufacturers' estimates for February had been 8,013. The average per diem production rate fell from 254 in January to 229 in February. Hamilton-Standard alone was off nearly 1,300 units, and Nash-Kelvinator failed to get into production as anticipated.

TABULAR SUMMARY - ARMY AIRPLANES - CURRENT PROCUREMENT - MARCH 23, 1942

Source of Information: Consolidated Statistical Report - Air Corps

Type	On order but not accepted	Financed but not on order	Total to be accepted	March Army Acceptances(a)				Total
				Quarter Monthly				
				1-8	9-15	16-23	24-31	
Heavy bomber	10,055	4,263	14,318	39	27	44		110
Medium bomber	3,921	600	4,521	25	56	50		131
Light bomber	1,579	3,550	5,129	0	2	0		2
Pur. inter., 2-eng.(b)	1,779	1,800	3,579	17	24	21		62
Pur. inter., 1-eng.	15,679	115	15,794	24	25	33		82
Total Combat	33,013	10,328	43,341	105	134	148		387
Observation	516(c)	829	1,345	22	78	113		213
Transport	2,608	870	3,478	11	9	10		30
Total Service Combat	3,124	1,699	4,823	33	87	123		243
Total Tactical	36,137	12,027	48,164	138	221	271		630
Adv. trainer, 2-eng.	5,216	1,414	6,630	42	69	59		170
Adv. trainer, 1-eng.	1,774	1,984	3,758	37	17	28		82
Basic trainer	4,945	-	4,945	56	53	107		216
Primary trainer	4,900	1,800	6,700	64	58	137		259
Total Trainer	16,835	5,198	22,033	199	197	331		727
Grand Total	52,972	17,225	70,197	337	418	602		1,357

Type	Monthly Army Acceptances						
	Actual			Estimated(d)			
	Dec 1941	Jan 1942	Feb 1942	Mar 1942	Apr 1942	May 1942	Jun 1942
Heavy bomber	64	82	134	150	160	171	95
Medium bomber	92	19	72	146	154	231	260
Light bomber	19	3	6	30	50	70	110
Pur. inter., 2-eng.(b)	53	106	127	100	100	106	102
Pur. inter., 1-eng.	292	250	78	131	117	162	258
Total Combat	520	460	417	557	581	740	825
Observation	45	99	279	207	338	330	75
Transport	8	28(e)	36(e)	60	103	97	83
Total Service Combat	53	127	315	267	441	427	158
Total Tactical	573	587	732	824	1,022	1,167	983
Adv. trainer, 2-eng.	71	134	214	230	266	300	269
Adv. trainer, 1-eng.	116	181	138	217	193	204	251
Basic trainer	163	327	351	325	338	351	365
Primary trainer	376	337	254	335	351	358	296
Total Trainer	726	979	957	1,107	1,148	1,213	1,181
Grand Total	1,299	1,566	1,689	1,931	2,170	2,380	2,164

(a) Deducted from first column.

(c) Includes 3 reconnaissance.

(b) Includes pursuit-fighter class.

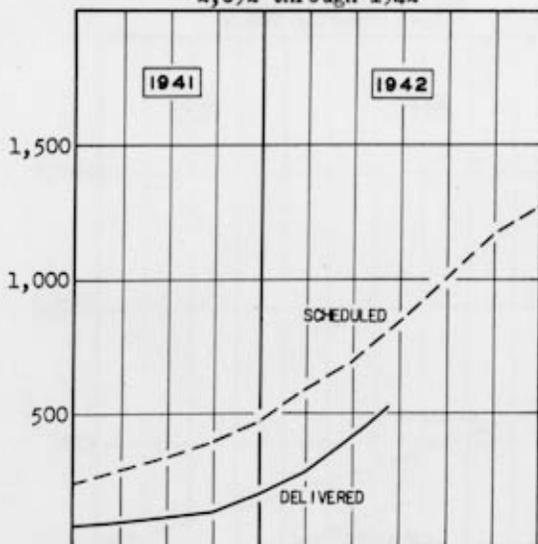
(d) Manufacturers' estimates - 2-28-42.

(e) Allocation changed.

ARMY AIRPLANES - CURRENT PROCUREMENT - MARCH 23, 1942

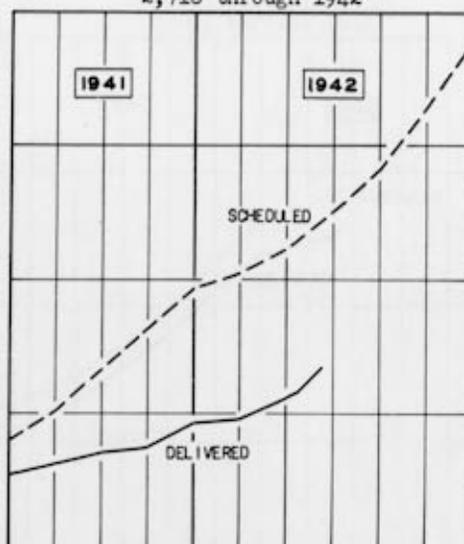
Source of Information: Consolidated Statistical Report - Air Corps

HEAVY BOMBER
2,092 through 1942



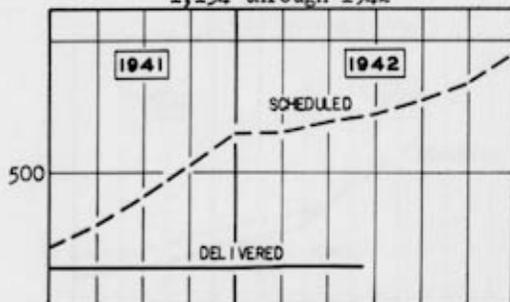
CUMULATIVE SCHEDULE	287	338	393	466	585	691	841	1001	1172	1267
CUMULATIVE DELIVERIES	96	108	133	197	279	413				
MONTHLY DELIVERIES	5	12	25	64	82	134	110 (THRU 3/23)			
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

MEDIUM BOMBER
2,718 through 1942



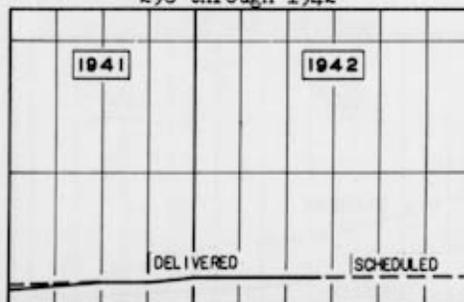
CUMULATIVE SCHEDULE	507	665	819	966	1020	1107	1253	1407	1638	1898
CUMULATIVE DELIVERIES	311	349	366	458	477	549				
MONTHLY DELIVERIES	37	38	17	92	19	72	131 (THRU 3/23)			
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 2-ENG.
1,134 through 1942



CUMULATIVE SCHEDULE	303	413	523	643	645	688	718	768	838	948
CUMULATIVE DELIVERIES	143	143	143	144	147	153				
MONTHLY DELIVERIES	0	0	0	1	3	6	2 (THRU 3/23)			
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 1-ENG.
296 through 1942

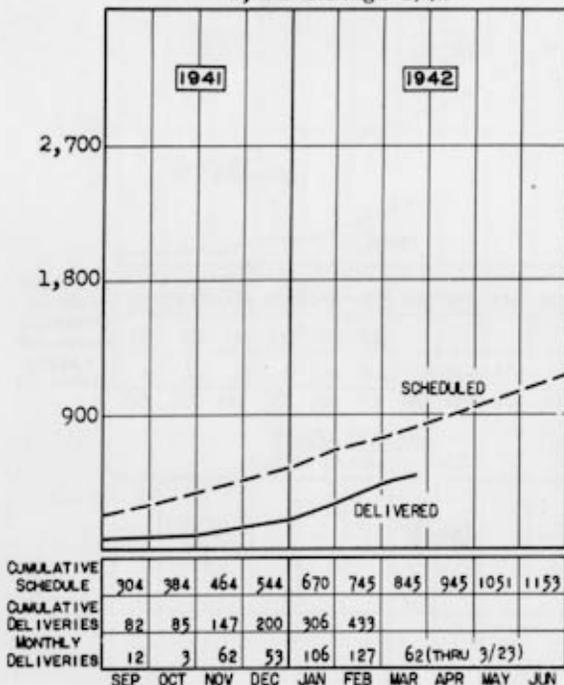


CUMULATIVE SCHEDULE	88	88	88	106	106	106	106	106	106	106
CUMULATIVE DELIVERIES	79	88	88	106	106	106				
MONTHLY DELIVERIES	15	9	0	18	0	0	0 (THRU 3/23)			
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

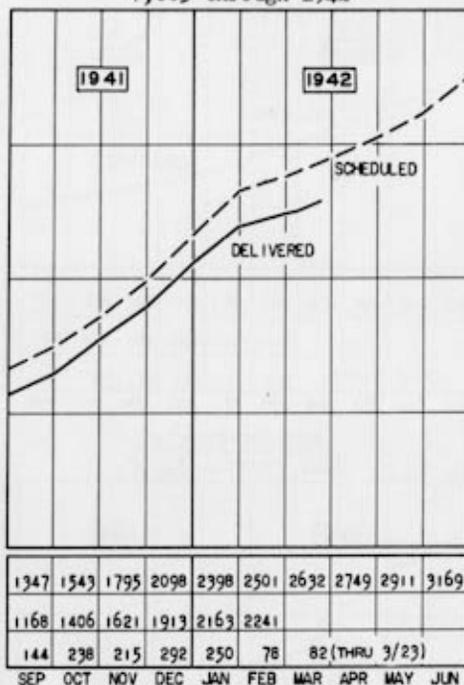
ARMY AIRPLANES - CURRENT PROCUREMENT - MARCH 23, 1942

Source of Information: Consolidated Statistical Report - Air Corps

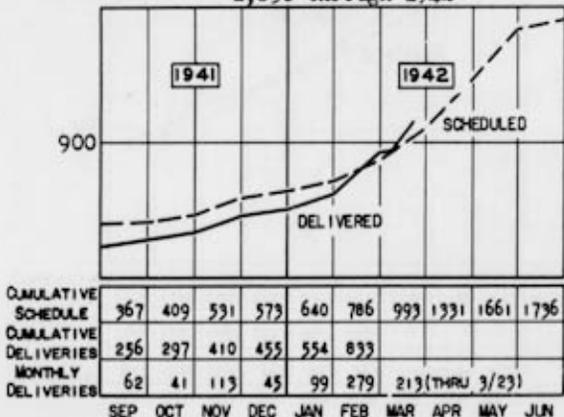
PURSUIT INTER., 2-ENG.
1,202 through 1942



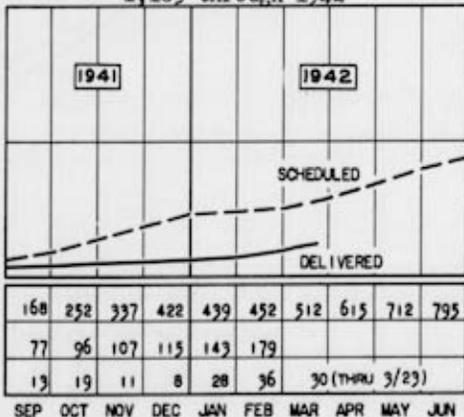
PURSUIT INTER., 1-ENG.
7,003 through 1942



OBSERVATION
1,850 through 1942



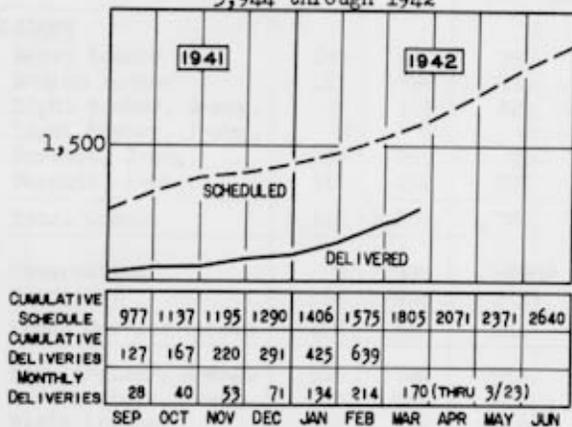
TRANSPORT
1,185 through 1942



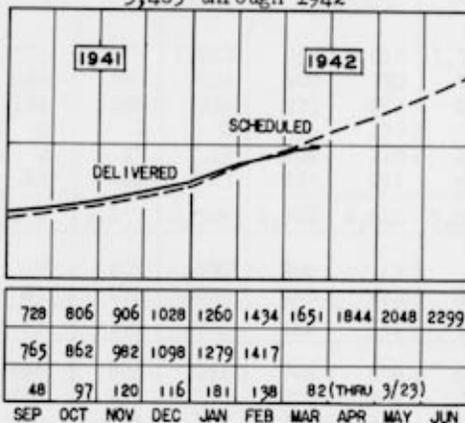
ARMY AIRPLANES - CURRENT PROCUREMENT - MARCH 23, 1942

Source of Information: Consolidated Statistical Report - Air Corps

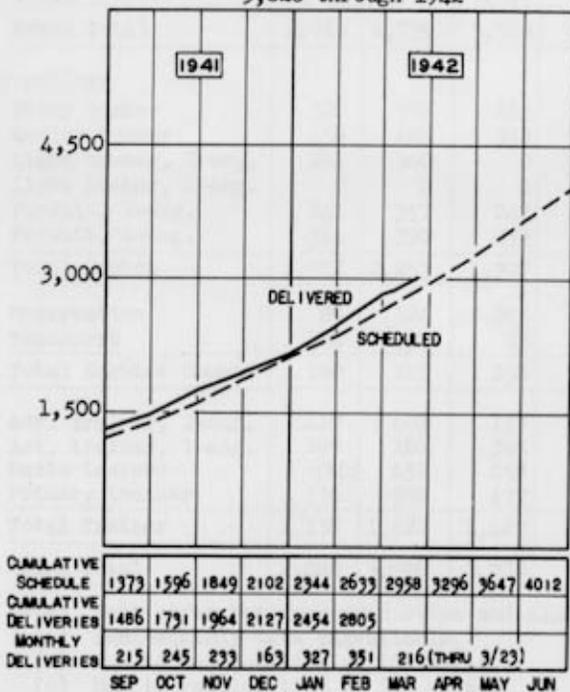
ADVANCE TRAINER, 2-ENG.
3,944 through 1942



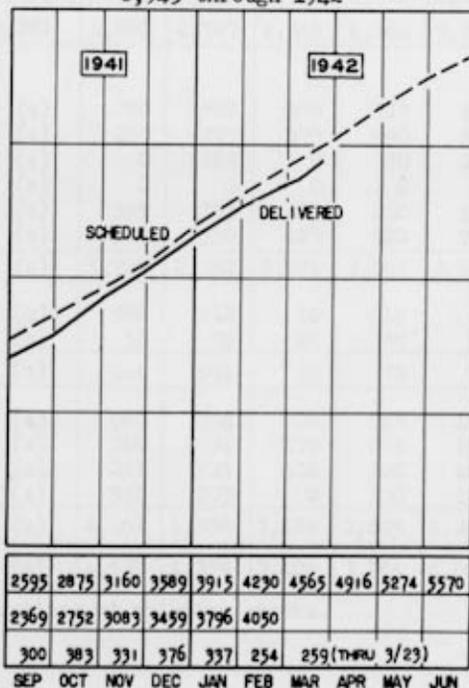
ADVANCE TRAINER, 1-ENG.
3,485 through 1942



BASIC TRAINER
5,826 through 1942



PRIMARY TRAINER
6,945 through 1942



ARMY ENGINE AND PROPELLER PROCUREMENT - SUMMARY - MARCH 15, 1942

Source of Information: Materiel Division - Air Corps

Item	Acceptances				Schedules - March-July, 1942				
	Dec	Jan	Feb	Mar 1-15	Mar	Apr	May	Jun	Jul
Engines									
Heavy bomber	259	440	356	335	985	1,062	952	1,018	1,713
Medium bomber	182	739	824	466	685	624	608	750	882
Light bomber, 2-eng.	24	183	229	154	198	302	275	204	227
Light bomber, 1-eng.	0	0	0	0	0	0	56	137	18
Pursuit, 2-eng.	332	265	93	2	47	15	206	210	299
Pursuit, 1-eng.	346	232	280	82	242	323	225	291	534
Total Combat	1,143	1,859	1,782	1,039	2,157	2,326	2,322	2,610	3,673
Observation	0	336	-69(b)	0	405	500	296	43	32
Transport	168	204	213	83	274	203	166	291	281
Total Service Combat	168	540	144	83	679	703	462	334	313
Adv. trainer, 2-eng.	335	704	983	596	805	751	728	559	484
Adv. trainer, 1-eng.	263	644	201	210	175	120	205	204	200
Basic trainer	402	374	216	20	425	347	360	354	578
Primary trainer	601	618	442	333	562	480	472	601	559
Total Trainer	1,601	2,340	1,842	1,159	1,967	1,698	1,765	1,718	1,821
Grand Total	2,912	4,739	3,768	2,281	4,803	4,727	4,549	4,662	5,807
Propellers									
Heavy bomber	327	778	463	(a)	750	582	676	527	505
Medium bomber	459	488	343	(a)	260	275	373	690	805
Light bomber, 2-eng.	211	300	0	(a)	0	562	0	80	285
Light bomber, 1-eng.	0	0	0	(a)	0	0	0	0	0
Pursuit, 2-eng.	241	357	242	(a)	395	383	405	250	320
Pursuit, 1-eng.	314	330	259	(a)	318	360	427	522	730
Total Combat	1,552	2,253	1,307	(a)	1,723	2,162	1,881	2,069	2,645
Observation	89	124	215	(a)	586	512	10	15	46
Transport	101	97	23	(a)	58	79	25	55	38
Total Service Combat	190	221	238	(a)	644	591	35	70	84
Adv. trainer, 2-eng.	417	403	157	(a)	980	784	808	748	462
Adv. trainer, 1-eng.	199	166	395	(a)	340	94	175	225	225
Basic trainer	34(c)	451	458	(a)	291	535	506	502	462
Primary trainer	556	502	477	(a)	551	173	0	130	130
Total Trainer	1,138	1,522	1,487	(a)	2,162	1,586	1,489	1,605	1,279
Grand Total	2,880	3,996	3,032	(a)	4,529	4,339	3,405	3,744	4,008

Note: Data cover both new production and allocations of existing stocks.

(a) Semi-monthly data unavailable.

(b) Due to reallocation of 101 units.

(c) Due to reallocation of 347 units.

TABULAR SUMMARY - U. S. AIRPLANE ENGINE ACCEPTANCES - MARCH 1-15, 1942

Source of Information: Materiel Division - Air Corps

Company	Army*	Army Defense Aid	Navy	Navy Defense Aid	Britain	Other Foreign	Comm.	Total
Allison	35	539	-	-	87	-	-	661
Buick	128	-	-	-	-	-	-	128
Continental Motors (Muskegon)	200	-	-	-	-	-	73	273
Ford	166	-	-	-	-	-	-	166
Jacobs	120	30	-	-	93	-	-	243
Kinner	68	-	-	-	-	-	-	68
Lycoming	181	1	-	-	-	-	1	183
Naval Aircraft	-	-	15	-	-	-	-	15
Packard	40	-	-	-	-	-	-	40
Pratt & Whitney	720	153	113	1	60	9	14	1,070
Ranger	65	-	7	-	-	-	-	72
Studebaker	3	-	-	-	-	-	-	3
Warner	-	6	1	-	-	11	1	19
Wright (Cincinnati)	272	-	4	-	-	-	-	276
Wright (Paterson)	283	194	42	2	189	5	-	715
Total	2,281	923	182	3	429	25	89	3,932

* Project airplanes only

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - BASIC ITEMS OF SUPPLY & TRANSPORTATION

Source: Statistics Branch, Office of the Quartermaster General - March 26, 1942

BASIC ITEMS

General: As of March 8, complete delivery has been made on 18 of 194 basic items procured from 1941 and 1942 funds. The 176 remaining items are 95 percent contracted and an average of 54 percent of their total programs has been procured.

Contracts: For the period ended March 8, increases in contracted amounts were indicated for 16 basic items, including:

Bag, canvas, field, o.d.	Roll, bedding, w/proofed
Comforter, cotton filled	Outfit, officer's mess
Gauntlet, barbed wire	Saddle, pack, cargo

Deliveries: During the quarter-monthly period ended March 8, deliveries were effected on 131 of the 194 basic items.

Schedule Status: Of the 194 basic items being procured from F. Y. 1941 and F. Y. 1942 funds, 71 are behind schedule; however, only 24 are more than 10 percent behind schedule.

MOTOR VEHICLES

Contracts: As of March 15, contracts have been awarded for 371,788 vehicles obligating 513 million dollars of 1941 and 1942 funds. Under 1941 funds 100 percent of the program of 242,228 vehicles has been contracted and 99 percent delivered. Ninety-nine percent of the estimated F. Y. 1942 program (129,911 vehicles) has been contracted and 33 percent delivered.

Deliveries: During the quarter-monthly period ended March 15, deliveries were reported on 8,682 vehicles. Cumulative deliveries under 1941 funds amounted to 239,154 vehicles at a cost of 342 million dollars. Cumulative deliveries under 1942 funds totaled 42,298 vehicles at a cost of 55 million dollars.

Schedule Status: Based on estimated delivery schedules, 14,566 vehicles were behind schedule; 6,653 vehicles, however, were delivered ahead of schedule.

QUARTERMASTER PROCUREMENT - SUMMARY - MARCH 15, 1942

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

Item	Acceptances				Scheduled: Mar-Jul, 1942				
	Dec	Jan	Feb	Mar 1 to 15	Mar	Apr	May	Jun	Jul
<u>CLOTHING (1000s)</u>									
Coat, wool, serge	210	159	340	197	0	137	218	158	0
Drawers, cotton	1,967	2,096	1,763	582	469	872	0	0	8,783
Overcoat, wool, od	150	338	267	191	134	475	361	125	c/
Shirt, cotton, khaki	1,204	1,034	1,328	546	0	392	402	3,351	200
Shirt, flannel	751	752	713	330	0	230	451	250	310
Shoes, service	949	1,099	1,314	597	1,983	2,506	5,000	13	40
Trousers, cotton	641	729	816	592	0	201	0	2,000	1,175
Trousers, wool, od	655	868	518	1,775	0	0	0	602	0
Undershirt, cotton	1,859	2,060	1,746	940	0	1,570	2,669	420	0
<u>EQUIPAGE (1000s)</u>									
Bag, canvas, w., ster.	6	11	5	4	c/	40	c/	c/	c/
Bar, mosquito	59	58	59	59	0	0	0	736	495
Blanket, wool, od	815	834	686	93	91	100	2,035	205	180
Cutter, wire	85	85	25	50	153	c/	c/	c/	c/
Tent, pyramidal	3	0.4	0.01	8	142	9	0	11	0
Tent, shelter-half	156	140	125	64	651	26	102	21	8
<u>GENERAL SUPPLIES</u>									
Range, field	899	1,173	165	55	0	812	812	1,978	812
<u>MOTOR VEHICLES</u>									
Ambulances	710	350	160	2	114	0	500	c/	103
Motorcycles	2,496	2,953	2,696	1,220	600	370	1,500	1,575	22,000
Passenger cars	634	519	5,391	3,260	0	50	c/	c/	c/
Trucks, 1/2-ton	7,066	7,330	6,411	6,151	23,274	2,424	c/	c/	c/
Trucks, 1-ton	2,704	5,611	5,243	3,710	1,046	4,377	4,228	c/	6,865
Trucks, 1 1/2-ton	6,244	12,046	14,170	6,074	17,016	13,400	115	275	c/
Trucks, 2 1/2-ton	9,369	9,388	8,603	5,686	12,041	3,904	6,207	3,602	12,818
Trucks, 4 & 5-ton	1,988	2,216	2,680	570	2,336	3,075	1,448	975	881
Trucks, 6-ton & over	408	418	542	150	652	775	694	565	513
Semi-trailers	146	191	107	77	212	2,504	374	63	40
Trailers	663	240	173	1,023	2,024	2,239	570	69	200
<u>WATER TRANSPORTATION</u>									
Barges	4	3	21	6	109	25	24	16	11
Landing boats		none	scheduled		16	2	50	0	0
Launches, Navy type	2	0	0	0	5	4	0	10	0
Radio contr. boats	0	a/	b/	0	11	0	0	0	0
Rescue boats	13	9	5	4	6	16	14	8	8
Tugs	1	1	1	0	8	2	1	2	4

a/ 18 scheduled in Jan 1942

b/ 11 scheduled in Feb 1942

c/ Data not available

QUARTERMASTER PROCUREMENT - DELIVERY STATUS AS OF MARCH 15, 1942

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

Item	Requirements Force A Army & D. A.	Cumulative Delivery Army & D. A.	%	Percent of Requirement Delivered					
				0	20	40	60	80	100
<u>CLOTHING</u>									
Coat, wool, serge	14,092,995	6,524,777	46						
Drawers, cotton	59,274,103	31,436,575	53						
Overcoat, wool, o.d.	8,224,825	3,504,192	43						
Shirt, cotton	33,855,264	17,150,991	51						
Shirt, flannel	21,904,258	11,905,230	54						
Shoes, service	43,959,889	17,104,670	39						
Trousers, cotton, khaki	42,818,085	15,582,748	36						
Trousers, wool, o.d.	25,521,947	12,390,935	49						
Undershirt, cotton	61,092,255	29,305,551	48						
<u>EQUIPAGE</u>									
Bag, canvas, w., ster.	133,603	59,775	45						
Bar, mosquito	7,624,914	2,490,218	33						
Blanket, wool, o.d.	22,220,526	10,544,227	47						
Cutter, wire	695,701	348,456	50						
Tent, pyramidal	1,840,771	331,455	18						
Tent, shelter-half	9,806,545	642,363	7						
<u>GENERAL SUPPLIES</u>									
Range, field	37,964	11,371	30						
<u>MOTOR VEHICLES</u>									
Motorcycles	95,172	15,964	17						
Passenger cars	17,160	17,251	101						
Ambulances	16,267	6,263	39						
Trucks, 1/2-ton	202,973	37,867	19						
Trucks, 1-ton	139,711	74,335	53						
Trucks, 1 1/2-ton	158,330	72,886	46						
Trucks, 2 1/2-ton	370,432	91,741	25						
Trucks, 4 & 5-ton	19,941	24,025	120						
Trucks, 6-ton & over	15,538	2,797	18						
Semi-trailers	11,382	2,760	24						
Trailers	94,948	37,048	39						
<u>WATER TRANSPORTATION</u>									
Barges	268	55	21						
Landing boats	150	81	54						
Launches, Navy type	89	32	36						
Radio controlled boats	50	0	0						
Rescue boats	126	39	31						
Tugs	101	19	19						

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - MARCH 21, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

PROGRAM - Program figures shown in this report include quantities of critical items approved for procurement with Defense Aid funds where these items are common to both the Army and Defense Aid Programs. Totals shown include all quantities on the F.Y. 1941 and F.Y. 1942 Expenditure Programs approved to date including the Fifth Supplemental Program.

STATUS OF CONTRACTS - Contracts for all critical items of ground and aircraft signal equipment on the F.Y. 1941 Expenditure Program have been awarded except contract for 20 Instrument Blind Landing Equipment SCR-251. This item is still undergoing development.

Contracts were completed during the first three weeks of March on the following critical items of ground and aircraft signal equipment:

<u>Item</u>	<u>Quantity</u>	<u>Item</u>	<u>Quantity</u>
Wire W-110-B (miles)	1,480	Test set I-56	567
Transmitting tuning unit		Converter M-134	237
TU-25	970	Test set EE-65	226
Radio compass SCR-280	723		

DELIVERIES - Ground Equipment.

There are 28 critical items of ground signal equipment on the F.Y. 1941 Expenditure Program, contracts for which have not been completed. These include contracts for 14 types of radio equipment, and for 14 critical items other than radio. A total of 513 radio sets of 6 types was received last week. Deliveries were also received on 4 of the non-radio items.

Deliveries are now due on 17 of the critical ground items on the F.Y. 1942 programs and quantities were received on 5 of these items last week.

DELIVERIES - Aircraft Equipment.

There are 14 critical items of aircraft signal equipment on the F.Y. 1941 Expenditure Program, contracts for which have not been completed. Deliveries were received on 7 of these items last week and included 588 aircraft radio sets of 3 types.

While production schedules do not call for volume deliveries of aircraft signal equipment on the F.Y. 1942 Expenditure Programs at this time, a considerable quantity of this equipment has already been received.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - (Continued)

Items and quantities received to date follow:

Microphone T-30	13,250	Marker beacon receiving	
Filter equipment RC-32	4,800	equipment RC-39-A	274
Contacting BC-608	4,313	Marker beacon receiving	
Interphone equipment RC-36	600	equipment RC-43	212
Auxiliary receiver RA-10-DA	527	Auxiliary receiver RA-10-CA	40
		Radio set SCR-521	30

Deliveries of radio sets during the months of January, February and the first three weeks in March follow:

	<u>DELIVERED</u>		
	<u>January</u>	<u>February</u>	<u>Mar. 1-21</u>
Ground Radio Sets	3,828	4,360	1,154
Aircraft Radio Sets	771	3,808	1,270
Vehicular Radio Sets	259	1,398	1,357
Total	4,858	9,566	3,781

It is noteworthy that the delivery of the vehicular radio sets, SCR-508, SCR-528 and SCR-538 have reached a volume production rate with the following number of each set delivered in the first three weeks in March.

Radio set SCR-528	339
Radio set SCR-538	312
Radio set SCR-508	175

It was previously estimated that the Armored Force would be equipped with its complete requirements by the month of June. If production of the above radio sets continue at its present rate this objective will be reached before that time.

TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM

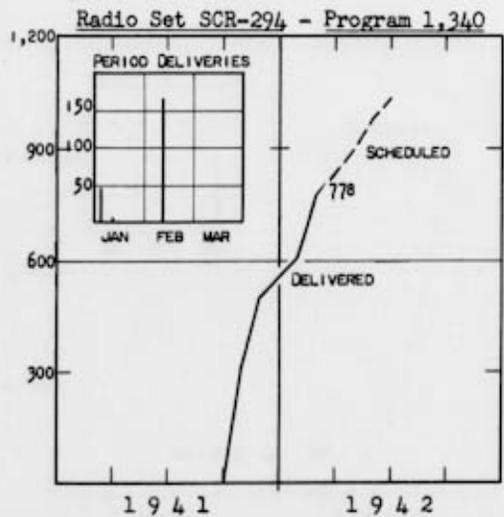
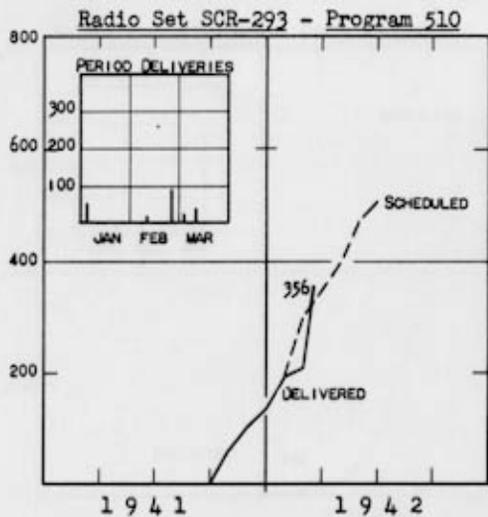
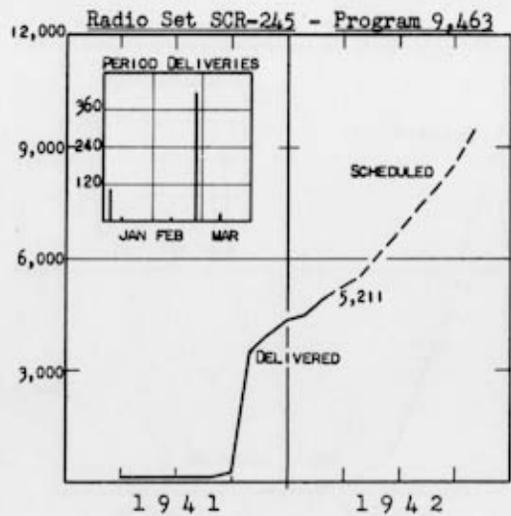
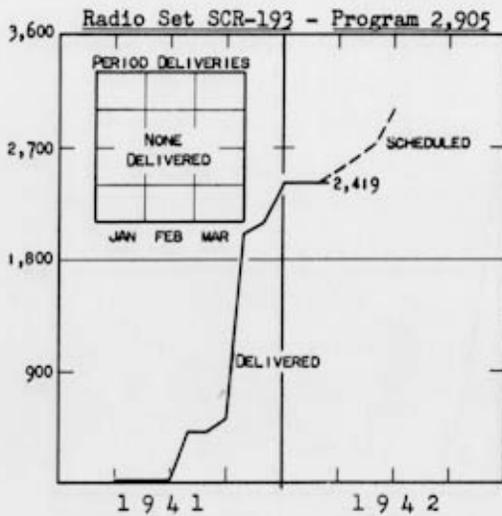
Source of Information: Office of the Chief Signal Officer, Materiel Branch, Procurement Division

Item	Procurement Program	Under Contract	Delivered Feb. 28	Due Mar. 31	Delivered Mar. 31	Percent of Program			Deliveries				Scheduled Deliveries			
						Under Contract	Mar. 31	Mar. 31	Mar. 1-31	Mar.	Apr.	May	June	Mar.	Apr.	May
(C U M U L A T I V E)																
AIRCRAFT RADIO NAVIGATION EQUIPMENT																
Contactors RC-508	30,709	30,709	2,601	4,101	4,515	100	13	14	1,712	1,800	1,000	2,500	2,500			
Filter equipment RC-52	159,799	159,799	29,023	56,023	52,423	100	21	20	5,400	5,000	5,000	5,000	10,000			
Instrument blind landing equipment SCR-25L	713	0	0	0	0	0										
Marker beacon receiving equipment RC-59	1,277	1,277	787	787	887	100	60	59	120	0	100	110	200			
Marker beacon receiving equipment RC-45	46,802	46,802	6,811	9,211	7,514	100	21	16	405	2,000	3,000	2,400	2,491			
Radio compass SCR-269	45,754	45,742	3,410	4,810	3,413	99	10	8	1,100	1,600	2,048	2,600				
Radio SCR-218	22,270	7,989	0	0	0	36										
GROUND RADIO DETECTION EQUIPMENT																
Control set system SCR-2	20	20	0	1	0	100	5	0	0	1	2	4	9			
Control set system SCR-3	120	120	0	0	0	100	0	0	0	0	0	0	2			
Radio SCR-265	5,964	2,104	417	454	437	55	11	12	40	57	52	52	88			
Radio SCR-270	532	100	106	106	106	100	20	20	5	8	10	15	25			
Radio SCR-271	87	87	29	31	29	100	36	33	0	2	5	4	4			
Radio SCR-296	157	157	0	0	0	100	1	0	0	1	5	5	10			
Radio SCR-327	400	599	0	0	0	99										
Radio SCR-332	1,000	0	0	0	0	0										
Radio SCR-333	1,354	0	0	0	0	0										
Radio SCR-341	1,000	400	0	0	0	40										
Radio SCR-347	812	812	0	0	0	100										
AIRCRAFT RADIO DETECTION AND RECOGNITION EQUIPMENT																
Radio SCR-515	59,909	19,229	0	0	0	49	0	0	0	0	0	600	3,000			
Radio SCR-517	6,272	2,450	0	0	0	59										
Radio SCR-519	5,823	0	0	0	0	0										
Radio SCR-520	2,185	2,185	0	0	0	100	0	0	0	5	10	50				
Radio SCR-521	55,045	7,114	50	30	30	22	1	1	0	0	100	450	350			
Radio SCR-555	16,440	15,000	0	0	0	91	0	0	0	0	510	310	310			
Radio SCR-540	500	500	0	5	0	100	0	0	0	5	20	50	85			
Radio SCR-595	18,500	18,500	0	0	0	100										
MISCELLANEOUS SIGNAL EQUIPMENT																
Converter M-134	282	282	231	256	280	100	91	99	49	25	26	0	0			
Converter M-209	51,905	51,905	0	0	0	100	0	0	0	0	0	0	100			
Flash ranging set CR-4	55	55	29	29	29	100	55	55	0	0	0	12	12			
Sound ranging set CR-5	95	79	12	15	14	85	17	15	2	4	4	4	4			
Signal lamp equipment EB-84	1,549	928	239	359	292	60	22	18	15	100	100	100	100			
GROUND RADIO COMMUNICATION																
Frequency meter set SCR-211	8,255	8,255	2,892	3,192	3,021	99	39	37	159	500	400	500	400			
Radio set SCR-245	6,453	6,453	4,941	5,241	5,211	100	81	81	270	500	500	600	600			
Radio set SCR-294	17,681	17,681	0	0	0	100	1	0	0	50	500	700	1,000			
Radio set SCR-299	1,322	250	0	35	0	18	2	0	0	55	65	100	61			
Radio set SCR-306	19,500	15,500	0	0	0	69										
Radio set SCR-308	27,042	10,575	28	72	200	39	1	1	175	50	150	200	400			
Radio set SCR-310	6,254	6,254	0	0	917	100	0	15	917	0	200	800	600			
Radio set SCR-328	30,504	21,943	95	293	432	72	1	1	359	200	300	400	800			
Radio set SCR-336	15,818	13,755	2,849	3,207	2,849	99	23	21	0	358	365	0	0			
Radio set SCR-358	67,773	14,972	46	546	368	22	1	1	512	500	400	500	1,000			
Radio set SCR-608	10,032	9,876	0	0	0	98	0	0	0	0	0	100	200			
Radio set SCR-610	24,288	21,111	0	0	0	87	0	0	0	0	100	1,000	4,000			
AIRCRAFT RADIO COMMUNICATION EQUIPMENT																
Interphone equipment RC-27	20,172	20,172	5,500	6,000	5,600	100	30	28	100	500	750	642	950			
Interphone equipment RC-34	5,940	5,940	0	0	0	100	0	0	0	0	0	0	100			
Interphone equipment RC-36	49,555	49,555	8,508	8,508	8,508	100	18	17	0	600	800	981	2,050			
Microphone T-30	129,225	129,225	76,260	76,260	77,810	100	59	60	1,250	0	1,000	1,800	2,000			
Radio set SCR-183	25,046	25,046	5,455	6,555	5,695	100	27	26	458	900	1,400	1,800	2,000			
Radio set SCR-187	5,605	5,605	612	672	612	100	19	17	0	61	121	152	275			
Radio set SCR-274	75,458	75,458	5,280	7,090	6,100	99	8	8	520	1,500	2,500	3,500	4,000			
Radio set SCR-283	11,422	11,422	4,387	4,556	4,556	100	43	40	289	600	800	1,000	1,000			
Radio set SCR-287	41,220	41,220	1,566	1,705	1,569	100	4	5	5	359	452	475	886			
Radio set SCR-322	36,894	36,894	0	0	0	100	0	0	0	0	0	0	0			
Test set T-36	4,874	4,874	4,750	4,820	4,856	100	97	99	106	70	54	0	200			
WIRE COMMUNICATION EQUIPMENT																
Seal unit RL-21	21,294	15,413	12,530	13,495	12,962	72	65	61	432	965	1,560	360	0			
Seal equipment CE-11	55,669	55,669	0	400	0	100	1	0	0	400	800	2,000	6,800			
Switchboard SD-71	7,471	5,350	4,529	4,759	4,529	72	65	61	0	200	200	200	211			
Switchboard SD-72	6,487	4,776	3,787	3,937	3,915	74	61	61	128	150	190	300	200			
Telegraph set TG-5	15,511	7,014	5,737	4,237	4,165	46	28	27	428	500	500	600	600			
Test set EB-65	7,447	4,420	2,402	2,402	2,402	32	32	32	0	0	0	0	0			
Telephone EB-8-A	507,195	227,870	89,106	24,106	104,453	74	51	54	15,527	5,000	6,000	7,000	8,000			
Telephone central office set TC-2	110	62	48	55	49	96	50	45	0	6	7	0	0			
TC-4	875	55	0	0	0	9	0	0	0	0	10	15	28			
Wire W-110-B (miles)	1,008,259	780,561	289,777	264,777	512,459	77	56	51	22,662	75,000	100,000	100,000	20,000			
Wire W-130 (miles)	101,079	101,079	6,787	10,567	8,285	100	10	8	1,518	2,600	3,500	7,000	7,000			

* Includes procurement for other Services.

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION GROUND
MARCH 21, 1942

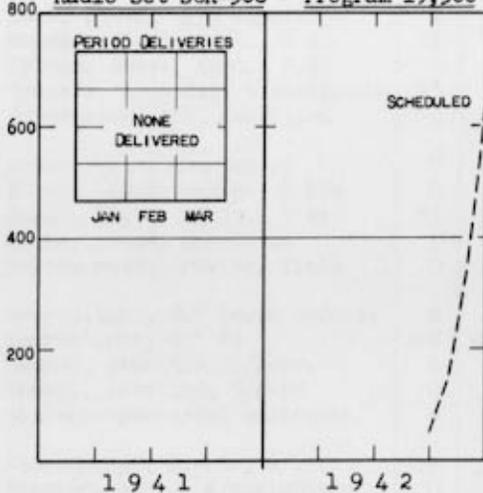
Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division



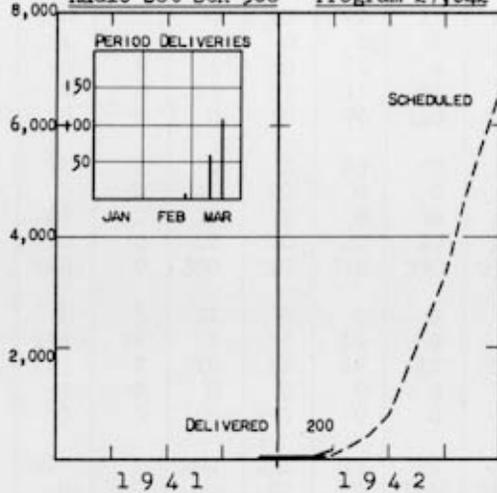
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION GROUND
MARCH 21, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division

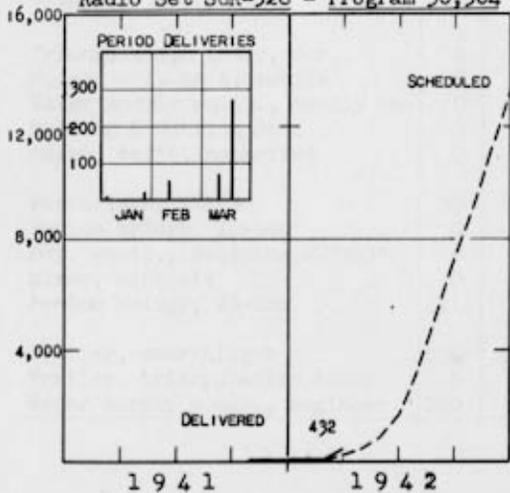
Radio Set SCR-506 - Program 19,500



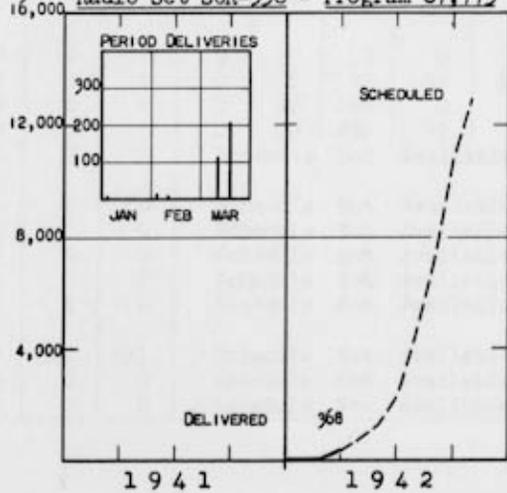
Radio Set SCR-508 - Program 27,042



Radio Set SCR-528 - Program 30,504



Radio Set SCR-538 - Program 67,773



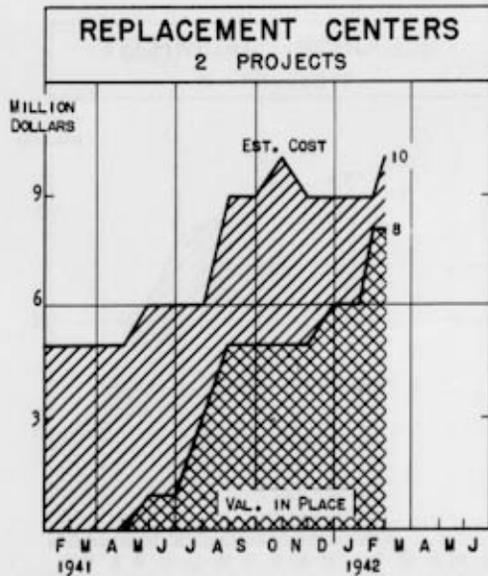
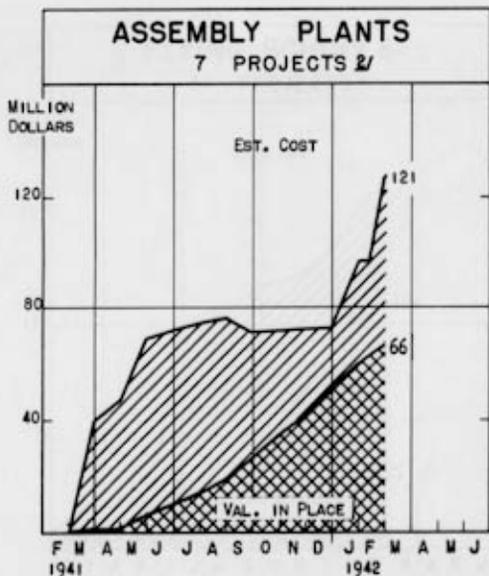
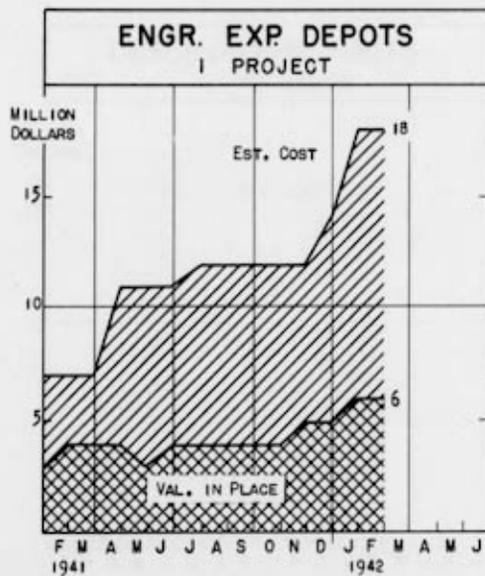
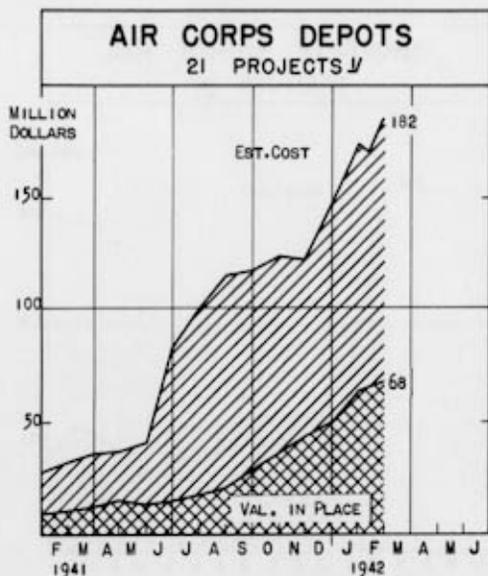
TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MARCH 15, 1942

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

Item	Acceptances				Schedules - Mar-July, 1942				
	Dec	Jan	Feb	Mar 1-15	Mar	Apr	May	Jun	Jul
Boat, power, with trailer	1	0	0	0	0	22	22	15	48
Bridge, steel, port., H-10	26	12	4	0	8	0	0	6	0
Bridge, steel, port., H-20	0	5	5	9	4	5	4	4	0
Compass, lensatic, w/case(thous)	13	1	2	0	15	15	15	15	15
Compressor, air, motorized	0	0	0	0	0	50	70	140	140
Crane, truck mounted	0	11	11	2	0	0	23	0	0
Elect. light. equip., 3 kva	0	0	0	0	40	20	0	0	0
Elect. light. equip., 5 kw	77	109	69	0	30	17	0	0	0
Grader, road, motorized	0	0	0	0	12	20	20	20	20
Instruments, drawing, field	0	0	646	0	350	350	350	350	350
Searchlight, 24" beach defense	0	0	6	5	21	0	0	0	0
Searchlight, 60" AA	128	202	132	32	75	75	16	0	0
Shovel, gasoline, 1/2-yd.	4	8	23	7	12	12	12	12	12
Shovel, gasoline, 3/4-yd.	0	0	2	0	2	0	0	0	0
Stereocomparagraph equipment	0	0	0	0	0	130	0	0	0
Stereoscope, mirror, w/bin.	316	311	209	1	200	256	75	75	71
Tractor, medium w/angledozer	0	0	0	0	40	50	70	195	239
Trailer, light tractor	84	106	0	0	0	0	0	88	0
Transit, 1-minute	0	166	200	45	75	0	50	96	100
Transit, 20-second	113	50	0	0	100	133	184	50	13
Triangulation tower, port.	0	10	0	0	0	0	10	0	0
Water puri. unit, mobile	17	5	3	0	0	6	31	32	35
Water supply equip., supply bn.	0	0	6	0	0	50	250	0	0
Welding & Cutting Sets	0	0	0	0	0	50	250	0	0
Auger, earth, motorized	0	5	0	1	Schedule	Not	Available		
Footbridge, M-1938	30	22	0	0	Schedule	Not	Available		
Ponton bridge, 10-ton	0	0	0	0	Schedule	Not	Available		
Dup. equip., gelatine, 22"x33"	0	0	0	0	Schedule	Not	Available		
Mixer, concrete	0	0	0	0	Schedule	Not	Available		
Ponton bridge, 25-ton	11	3	4	0	Schedule	Not	Available		
Trailer, searchlight	834	600	542	111	Schedule	Not	Available		
Trailer, triangulation tower	0	0	0	0	Schedule	Not	Available		
Water supply equip., engineer	100	0	6	0	Schedule	Not	Available		

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS IN CONTINENTAL U. S. - FEBRUARY 28, 1942

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

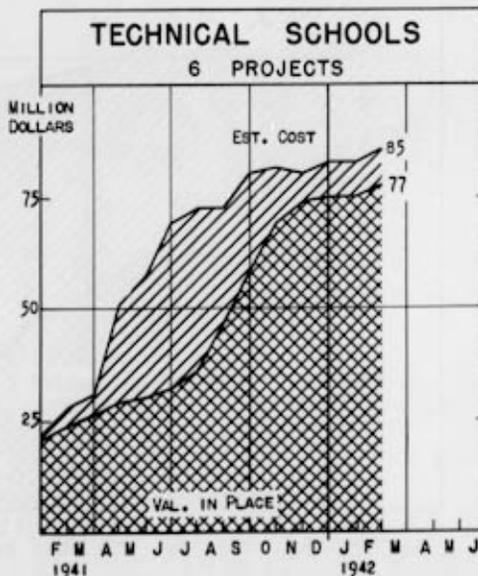
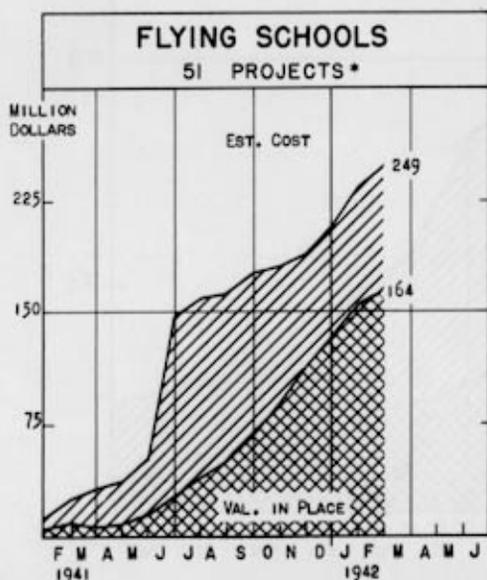
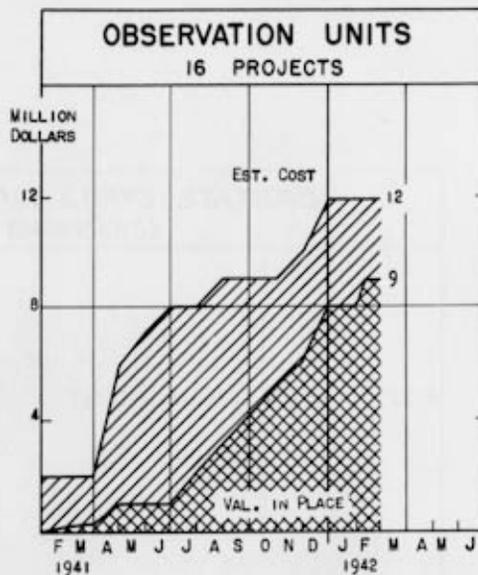
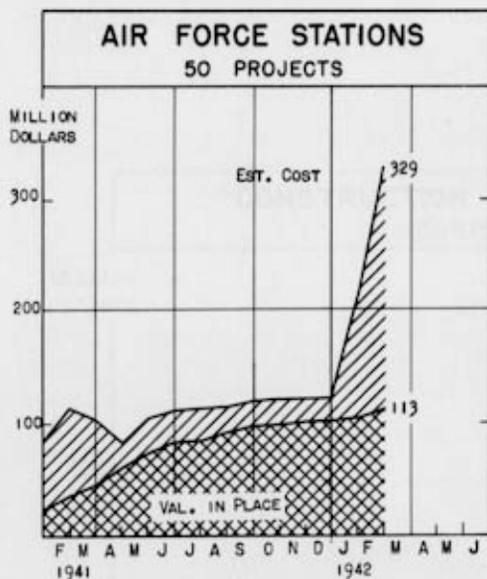


^{1/} INCLUDES ONE "WEATHER AND COMMUNICATIONS DETACHMENT" AND SEVEN "FERRYING COMMANDS"

^{2/} INCLUDES ONE "PARTS PLANT"

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS IN CONTINENTAL U. S. - FEBRUARY 28, 1942

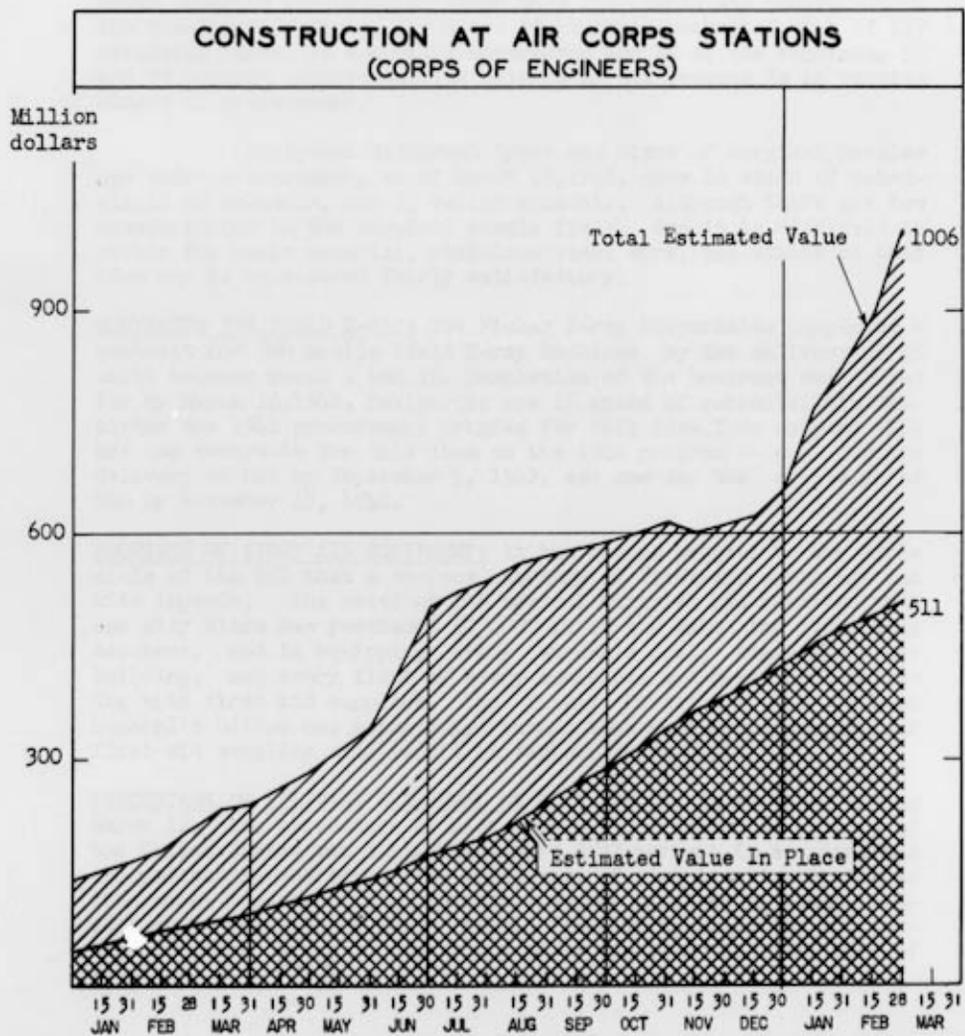
Source of Information: Construction Division, Office of the Chief of Engineers



*INCLUDES SEVEN BOMBING RANGES

DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS IN CONTINENTAL U.S. - FEBRUARY 28, 1942

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED MARCH 28, 1942

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

PROGRAM STATUS: As of March 15, the 1941 and 1942 expenditure programs covering 242 critical items show 220 completely contracted. Of the remaining 22 items, eight are 99 percent contracted. Out of 127 essential items, 72 are fully contracted and 17 of the remaining 55 are 99 percent contracted. The balance of the program is in varying stages of procurement.

Forty-one different types and sizes of surgical needles now under procurement, as of March 15, 1942, show 16 ahead of schedule, 12 on schedule, and 13 behind schedule. Although there are few manufacturers in the surgical needle field, and it is difficult to obtain the basic material, stainless steel wire, the status of this item may be considered fairly satisfactory.

CONTRACTS FOR FIELD X-RAY: The Picker X-ray Corporation completed a contract for 300 Mobile Field X-ray Machines by the delivery of 55 units between March 1 and 15. Completion of the contract was called for by March 16, 1942. Deliveries are 15 ahead of schedule. This completes the 1941 procurement program for this item. This company also has two contracts for this item on the 1942 program -- one for the delivery of 461 by September 5, 1942, and one for the delivery of 500 by November 15, 1942.

SHORTAGE OF FIRST AID EQUIPMENT: It has become evident to the officials of the OCD that a serious shortage of first-aid dressings and kits impends. The chief of its medical division has reported that one city alone has purchased 50,000 first aid kits for its school teachers, and is equipping every warden's post, every apartment building, and every floor of every municipal and government building with first aid supplies. The Supply Division of the Surgeon General's Office has repeatedly warned that such requirements for first aid supplies will result in serious shortages.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ending March 12, the percentage of sick within the continental limits of the United States was 3.53. There were 3.27 percent in hospital and .26 percent in quarters. The percentage of sick is slightly higher than usual because of a considerable number of cases of mumps, measles and a few scarlet fever cases. There is no epidemic, and contagious cases among recruits are to be expected at this time of year.

MEDICAL PROCUREMENT - SUMMARY - MARCH 15, 1942

Source of Information: Medical Department Procurement Progress Report

	Acceptances				Schedules - March-July, 1942				
	Dec	Jan	Feb	Mar 1-15	Mar	Apr	May	Jun	Jul
<u>FIRST AID DRESSINGS</u>									
Packet, first aid*	79	76	0	0	0	0	60	60	60
Dressing, 1st aid, lg*	460	499	513	161	913	954	1,235	526	427
Dressing, 1st aid, sm*	200	213	82	58	543	329	1,499	2,869	49
<u>SURGICAL INSTRUMENTS</u>									
Forceps,hemo.,8 types	19,083	36,188	42,678	17,164	33,509	16,189	47,038	22,300	2,471
Forceps,hyst.,P., cur.	4,199	3,046	924	0	0	0	8,249a		
Forceps, sponge	3,658	8,414	9,866	4,346	4,390	188	7,200b		
Forceps,towel,2 sizes	2,856	2,136	4,140	2,348	4,632	500	13,193a		
Holder,needle, H.-M.	1,512	1,908	2,357	300	9,854	2,626a			
Scissors, bandage	6,816	10,758	15,791	6,092	7,452	25,400	41,147	2,100a	
Scissors,dis.,cur.5 $\frac{1}{2}$ "	0	0	500	0	3,540	1,534a			
Scissors,dis.,str.5 $\frac{1}{2}$ "	0	756	6,206	1,066	0	3,487a			
<u>HOSPITAL EQUIPMENT</u>									
Anesthesia app. N ₂ O	7	0	0	0	0	0	110	110	114
Phorometer	23	26	57	24	60	60	66b		
Sphygmomanometer, Hg	0	6	0	0	0	0	3,000	4,000	4,205
Splint,T.,arm,hinged	17,800	662	11,496	7,497	11,046	13,395	11,316	5,081	3,580
Splint,Army,leg, $\frac{1}{2}$ -r.	4,100	1,560	3,369	5,548	11,089	3,850	3,850	3,850	3,852
<u>X-RAY EQUIPMENT</u>									
Machine, radiographic	36	17	27	18	18	30	68	30	40
X-ray,field,generator	27	29	16	0	52	70	70	70	70
X-ray,f.,mobile unit	102	0	29	55	45	0	0	25	200
<u>STERILIZERS</u>									
Hospital, complete	112	44	69	34	21	5b			
Hospital, utensil	70	502	786	383	784	391	1,089	761	884
<u>FIELD EQUIPMENT</u>									
Kit strap,cattle ring	0	0	12,150	3,883	0	0	12,000	21,617	16,000
Kit insert, Type I	0	5,008	2,218	0	13,600	1,600	1,600	1,600	1,600
Kit insert, Type II	0	0	900	0	2,000a				
Kit strap, litter	0	0	16,585	8,078	0	0	12,600	19,322	19,300
Kit pouch, canvas	600	799	0	200	31,000	6,000	6,000	6,000	6,022
Kit suspender	0	0	5,800	542	12,000	2,000	2,000	3,200	2,720
Chest, field, plain	1,237	167	525	704	420	1,101	1,399	4,000	3,142
Chest,field,modified	1,024	259	515	61	198	500	820a		
Litter, aluminum pole	1,076	0	0	0	1,684a				
Litter, folding	0	2,545	64	0	0	0	630	630	630

*Figures in thousands

a Completes program.
b Completes contracts.

MEDICAL DEPARTMENT - STATUS OF PROCUREMENT - MARCH 15, 1942

Source of Information: Medical Department Procurement Progress Reports

	Requirements* ("Force A")	Percent of Requirements		
		Delivered	Due	Contracted
		█	▽	▬
<u>FIRST AID DRESSINGS</u>				
Packet, first aid	4,264,036	80		100
Dressing, first aid, large	9,492,096	43		80
Dressing, first aid, small	15,217,855	31		70
<u>SURGICAL INSTRUMENTS</u>				
Forceps, hemostatic, 8 types	543,897	78		100
Forceps, hyst., Pean, curved	43,852	61		80
Forceps, sponge	106,030	83		95
Forceps, towel, 2 sizes	105,271	100		100
Holder, needle, Hegar-Mayo	35,775	73		100
Scissors, bandage	211,996	59		95
Scissors, dis., curved 5½"	22,302	96		100
Scissors, dis., straight 5½"	15,310	100		100
<u>HOSPITAL EQUIPMENT</u>				
Anesthesia apparatus, N ₂ O	1,101	38		69
Phorometer	396	80		100
Sphygmomanometer, mercurial	12,505	42		100
Splint, Thomas, arm, hinged	86,655	45		97
Splint, Army, leg, ½-ring	87,321	36		67
<u>X-RAY EQUIPMENT</u>				
Machine, radiographic, 200ma	879	64		87
X-ray, field, generator	1,135	6		71
X-ray, field, mobile unit	2,295	28		70
<u>STERILIZERS</u>				
Hospital, complete	1,359	71		75
Hospital, utensil	10,963	38		70
<u>FIELD EQUIPMENT</u>				
Kit strap, cantle ring	671,218	24		32
Kit insert, Type I	359,600	18		24
Kit insert, Type II	86,335	22		25
Kit strap, litter	645,279	21		29
Kit pouch, canvas	552,782	13		23
Kit suspender	237,402	30		39
Chest, field, plain	29,572	67		100
Chest, field, modified	7,626	100		100
Litter, aluminum pole	153,019	17		18
Litter, folding	4,515	58		99

*U.S. only

TEXT SUMMARY - C. W. S. - STATUS MARCH 20, 1942

Source of Information: Chemical Warfare Service Progress Reports

PRODUCTION: Chemical Warfare Service reports deliveries on thirteen Critical and twelve Essential Items on the Expenditure Program. Components in most cases are flowing into the assembly plants in sufficient rates to meet the time-objectives.

GAS MASKS: Service Mask assemblies reported this week total 38,620 units. There were 2,117 Diaphragm Masks and 34,652 Training Masks delivered during the same period.

A total of 55,335 extra Service Canisters were delivered. Whetlerite is now being produced in sufficient quantities to meet the requirements.

CHEMICAL AGENTS: There were 186 tons of Mustard Gas; 50 tons Screening Smoke; 78 tons Phosgene, and 91 tons Tear Gas delivered during the week. Additional plant construction is progressing very satisfactorily.

PROTECTIVE AGENTS: Deliveries of 57 tons Demustardizing Bleach; 100 tons Impregnite "I", and 408 tons Impregnite Solvents were reported.

The maximum expected production of Demustardizing Bleach for the Calendar Year 1942 is approximately one-third of the net requirements set for the year. Immediate steps should be taken to set aside sufficient chlorine to take care of the expanded production that is planned.

Other deliveries include 878,784 tubes of Shoe Impregnite; 110,592 tubes Protective Ointment, and 9,828 gallons Non-Corrosive Bleach.

The maximum expected production of Non-Corrosive Agent is about one-fourth of the net requirements scheduled for the Calendar Year 1942. The "bottleneck" in this case is the active decontaminating chemical. Present planned facilities are not adequate to materially affect the cumulative deficits in 1943 and 1944.

INCENDIARY BOMBS: An assembly of 658,861 Substitute Bombs and 19,502 Magnesium Bombs were reported for the week.

The Incendiary Bomb program is proceeding satisfactorily. Planned progress has been slowed up due to the curtailment of the amount of aluminum required. The original aluminum fuse plug has been redesigned so that it requires only 60 per cent of the original weight of aluminum. In addition, the manufacture of Thermit was halted for approximately three weeks in order that functional tests could be performed to determine a suitable mixture. New specifications have been decided upon, and now the production of Thermit in accordance with the new formula can be initiated.

VARIOUS DELIVERIES: Other deliveries include 932 Mark-10 Airplane Tanks; 152 Flame Throwers; 387 Steel Containers (ton), and 15 Decontaminating Apparatus (Power Driven).

There were also 168 Protective Collectors; 1,082 additional Canisters for the same; 720 Chemical Mortar Shells; 12,800 Gasproof Curtains, and 2,000 Dust Respirators reported.

CHEMICAL WARFARE SERVICE - PROCUREMENT SUMMARY - MARCH 20, 1942

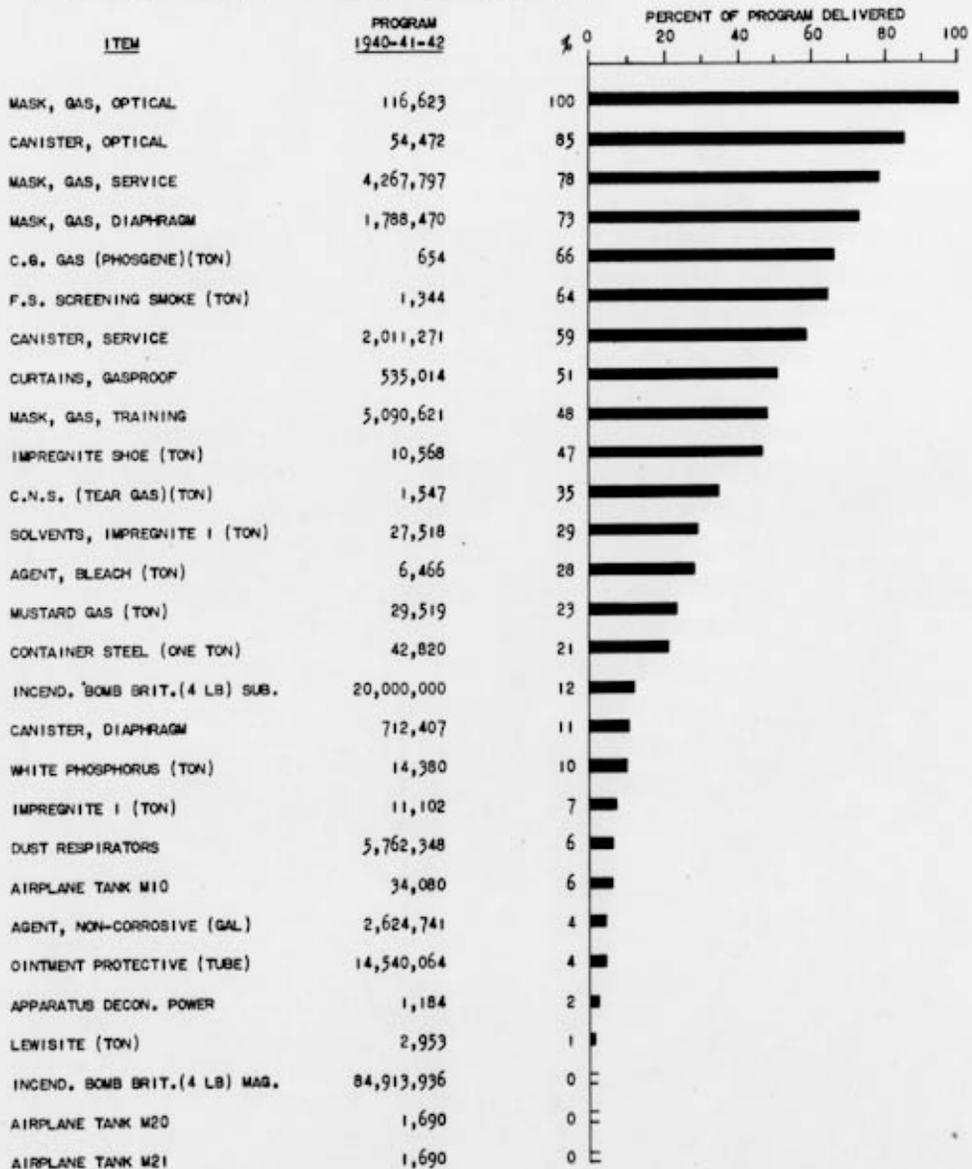
Source of Information: Chemical Warfare Service

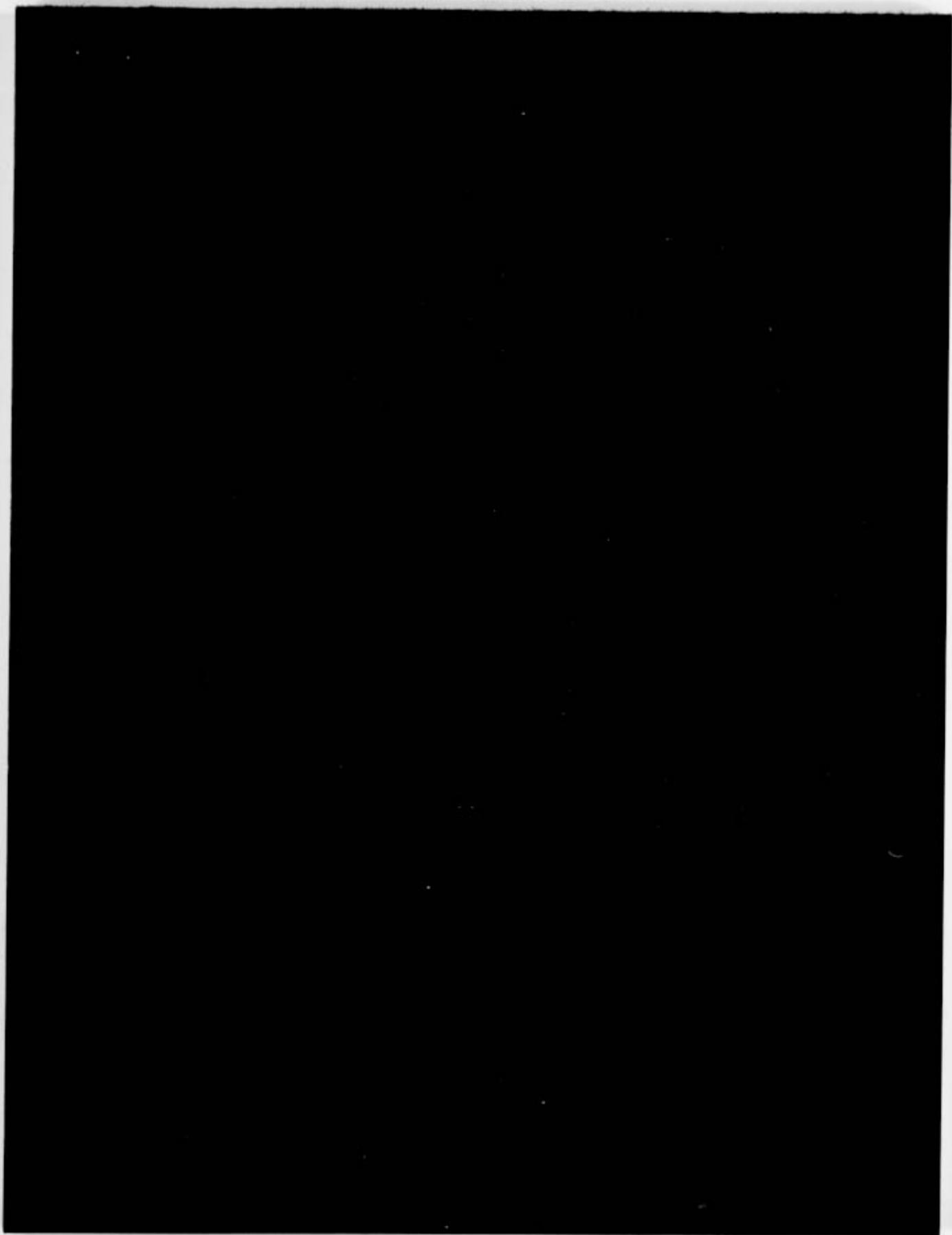
Item	Acceptances					Schedules: March-June, 1942			
	Nov	Dec	Jan	Feb	Mar 1-20	Mar	Apr	May	Jun
CHEMICAL AGENTS (tons)									
Lewisite Gas (ML)	0	0	0	0	12	0	0	0	0
Mustard Gas (HS)	304	621	615	724	553	300	300	600	1,200
Screening Smoke (FS)	0	0	250	202	148	88	0	0	0
Tear Gas (CNS)	0	0	120	227	189	150	150	150	150
White Phosphorus (WP)	0	47	207	0	470	Procured as Needed			
CHEMICAL AMMUNITION									
Incend. Bomb Mg. (4 lb)*	0	0	0	0	32	160	160	160	160
Incend. Bomb Sub. (4 lb)*	0	38	246	780	1,292	3,000	4,000	4,000	4,000
Land Mines*	0	148	160	303	80	80	0	0	0
Shells C.M.	9,708	0	0	0	926	8,000	16,000	26,000	31,000
Shells L.P.	0	0	3,548	0	0	5,000	5,000	5,000	5,779
PROTECTIVE AGENTS									
Agent Bleach (ton)	295	372	186	202	371	131	0	0	0
Agent, Non-corr. (gal)	0	0	0	0	16,379	40,000	80,000	0	0
Impregnite "I" (ton)	7	5	48	152	161	150	250	500	500
Ointment, Prot. (tube)*	0	0	57	0	276	400	400	400	400
Shoe Impreg. (ton)	672	504	808	1,176	771	250	349	0	0
Solvents, Impreg. (gal)	893	1,599	1,365	880	937	850	850	850	850
EQUIPMENT									
Airplane Tanks M-10	417	252	0	0	932	850	850	850	850
Airplane Tanks M-20	0	0	0	0	0	156	0	0	0
Airplane Tanks M-21	0	0	0	0	0	0	156	0	0
Apparatus Decont. Power	0	0	0	0	15	80	160	160	160
Canister, Prot., Coll.	394	6	520	1,023	1,684	630	630	630	630
Canister, Svc. & Dia.*	34	156	190	254	169	240	240	137	275
Collector, Prot. Field	0	0	192	605	1,193	500	500	500	503
Containers, Steel	941	806	550	1,112	1,112	1,000	1,000	1,000	1,000
Curtains, Gasproof	28,642	63,498	77,586	63,365	28,800	28,800	0	0	0
Decont. Equip. (1½ qt)	0	27,500	12,000	20,000	11,670	11,670	0	0	0
Field Laboratories	4	0	0	0	0	4	---	---	---
Flame Thrower	0	0	0	48	214	600	330	---	---
Mask, Gas, Diaphragm*	67	94	104	21	8	31	31	75	75
Mask, Gas, Service*	168	183	154	175	95	257	100	100	100
Mask, Gas, Training*	38	159	150	141	91	130	25	425	425
Respirators, Dust*	25	35	14	0	2	120	200	86	0
Sets, Ident. Deton.	790	293	281	1,979	0	0	0	0	0

* Figures in thousands
 ---Program complete

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - MARCH 20, 1942

Source of Information: Chemical Warfare Service



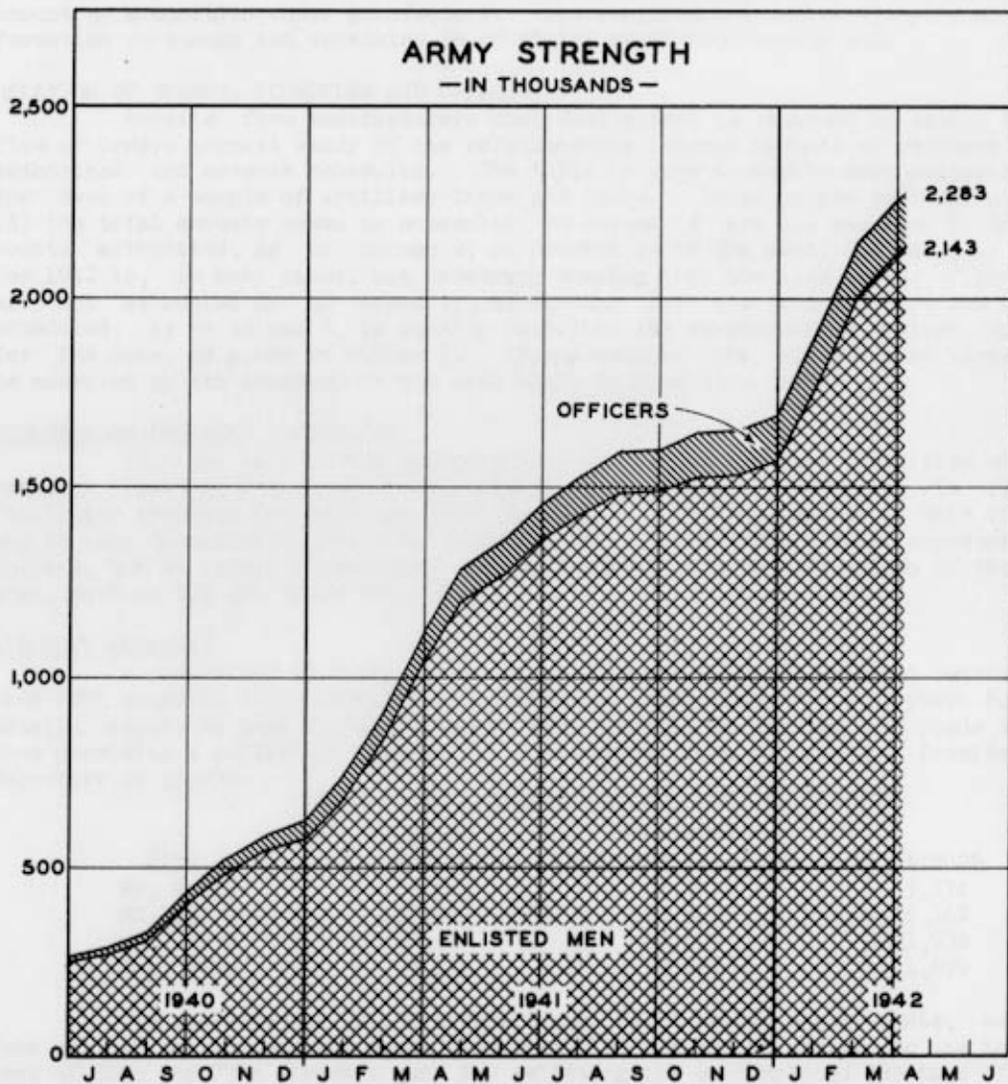


WEEKLY STATISTICAL SUMMARY
 REPORT NO. 41
 APRIL 9, 1942

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ARMY STRENGTH - APRIL 8, 1942

Source of Information: Statistics Branch, General Staff



TEXT SUMMARY - ORDNANCE DEPARTMENT - APRIL 9, 1942

BALANCE OF GUNS AND AMMUNITION

Production of disproportionate amounts of the three kinds of 37mm ammunition--(1) aircraft, (2) antiaircraft, and (3) tank and antitank--is discussed on page 3 of this report. With allowances made for life of the guns and their ammunition expenditure rates, one would expect to find about the same number of months' supply available for any one gun of any class. Actually, wide variations appear. It is equally possible that the source of unbalance is the number of guns or the amount of ammunition under manufacture. This suggests the desirability of more information on stocks and schedules in countries receiving foreign aid.

RELATION OF ORDERS, SCHEDULES AND CAPACITY

Reports from manufacturers that full output is retarded by delays in the flow of orders suggest study of the relationships between amounts of ordnance items authorized and amounts scheduled. The table on page 4 permits such comparison in the case of a sample of artillery items and tanks. Three points call for notice: (1) the total amounts shown as scheduled in column 3 are all exceeded by the amounts authorized, as in column 2, at present as in the past; (2) the peak month for 1942 is, in most cases, not December, meaning that the last months of the year are not scheduled up to capacity, accounting for the fact (3) that the amount scheduled, as in column 3, is usually less than the corresponding maximum capacity for the year, as shown in column 5. Improvement in the situation at large will be measured by the tendency of the peak month to move into 1943.

PROGRESS OF ORDNANCE FACILITIES

That the peak of the building program for new ordnance facilities has not yet been passed is indicated by the summary chart on page 5, referring to 198 new facilities approved for ordnance prior to March 1. The information in this diagram may be used to arrive at the total cost and output of new facilities, expressed in dollars, and to permit a comparison of the progress of different phases of the program, such as TNT and smokeless powder.

AIRCRAFT ARMAMENT

A comparison is shown below of the latest aircraft armament requirement data (WPB schedule 8-I, Ultimate) with scheduled acceptances for this year. Further details appear on page 7. Requirements were computed on the basis of plane schedules providing a sufficient number of the tactical type to meet the Presidential Objective of 45,000.

Item	Required	Scheduled	Difference
	1942	(February 28, 1942)	
MG, Cal.30	93,265	88,091	- 5,174
MG, Cal.50	152,641	178,803	+ 26,162
Gun, 20mm	47,589	69,527	+ 21,938
Gun, 37mm	3,128	7,827	+ 4,699

The schedule for Cal.30 aircraft guns falls below requirements, but it does not reflect the maximum production possible. It may be desired to use the excess of 20mm and 37mm aircraft guns for relieving the contemplated shortage of 40mm antiaircraft guns.

EQUIPMENT - AMMUNITION BALANCE

Source of Information: Ordnance Department and Statistical Services, SOS

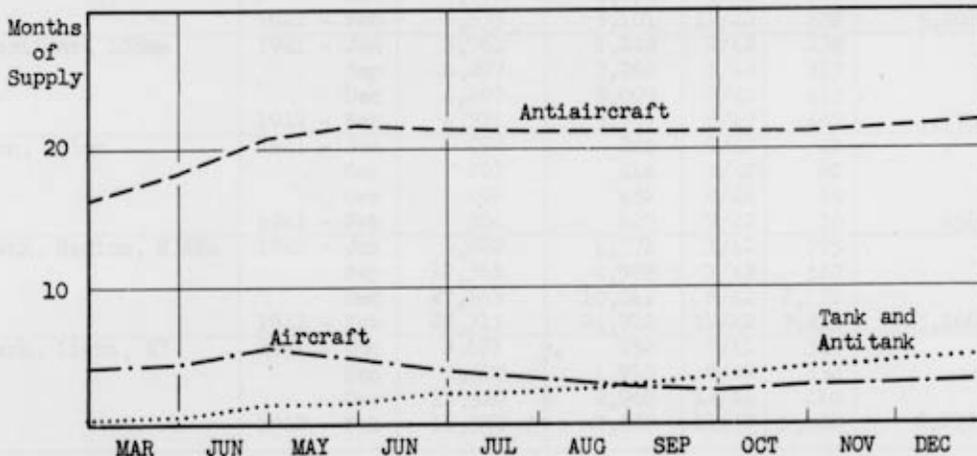
The chart below shows anticipated relationships between 37mm guns and ammunition, assuming present Ordnance Department schedules are carried out. The important point to notice is the relative magnitude of the three lines.

The scale by which this is analyzed is not a measure of requirements, but is established simply to show the balance of the program by taking the ratio each month of two numbers: (1) estimated stocks of ammunition on hand, (2) estimated cumulative ammunition requirements based on stocks of guns on hand times the number of rounds necessary per gun for one month's supply in the theatre of operations. Maintenance rates for guns are taken into consideration.

Examination of the reason for the antiaircraft line being so far removed from the other two lines shows the difficulty may rest as much with a shortage of antiaircraft guns as an excess of ammunition. Similarly, the relative plenty of the other two kinds of guns (exceeding 1942 requirements based on number of planes and tanks scheduled) may account for the position of the two lower curves.

Other evidence indicates, however, a shortage of tank and antitank ammunition, limited by the rate of production of shell and shot bodies.

An examination of recent contract awards reveals that the shot bodies for 37mm tank and antitank ammunition are being given only A-1-b priorities in some cases, while the shell bodies are receiving priorities as low as A-1-d. Meanwhile, recent contracts for the shell body, M54, used in 37mm aircraft and antiaircraft ammunition have recently been receiving A-1-a priorities.



COMPARISON OF AMOUNTS AUTHORIZED, AMOUNTS SCHEDULED AND CAPACITY

Source of Information: Ordnance Department and Statistical Services, SOS

Sample Items Artillery and Tanks	Date of Production Report	Total Number Authorized	Number Scheduled 1942	Peak Month of Schedule		Potential Maximum 1942 Capacity
				Date	Amount	
Gun, 20mm, AC	1941 - Jun	44,747	18,800	6/42	2,100	69,527
	Sep	47,663	30,675	12/42	4,450	
	Dec	47,663	34,969	8/42	5,400	
	1942 - Feb	127,902	69,527	12/42	7,950	
Gun, 90mm, AA	1941 - Jun	1,271	834	12/41	80	3,722
	Sep	2,284	938	6/42	113	
	Dec	2,284	1,231	8/42	126	
	1942 - Feb	7,356	3,706	11/42	560	
Gun, 40mm, AA	1941 - Jun	2,236	0	-	-	6,199
	Sep	4,236	2,231	11/42	500	
	Dec	4,236	1,560	12/42	400	
	1942 - Feb	15,640	5,789	11/42	1,100	
Gun, 37mm, AT	1941 - Jun	9,464	4,268	6/42	700	11,426
	Sep	9,478	5,862	6/42	550	
	Dec	9,838	6,010	9/42	1,100	
	1942 - Feb	19,133	9,756	9/42	1,130	
Mortar, 60mm	1941 - Jun	10,162	3,392	6/41	844	12,768
	Sep	11,162	3,848	7/41	1,064	
	Dec	11,162	4,342	7/41	1,064	
	1942 - Feb	24,262	4,119	7/41	1,064	
Mortar, 81mm	1941 - Jun	4,458	897	12/41	381	5,101
	Sep	4,705	1,787	1/42	445	
	Dec	4,705	1,935	4/42	502	
	1942 - Feb	8,635	5,101	12/42	638	
Howitzer, 105mm	1941 - Jun	3,761	1,248	2/42	438	4,970
	Sep	4,297	3,269	1/42	335	
	Dec	4,297	3,009	7/42	415	
	1942 - Feb	4,771	3,757	6/42	461	
Gun, 155mm	1941 - Jun	492	240	1/42	40	456
	Sep	493	444	5/42	60	
	Dec	492	452	9/42	55	
	1942 - Feb	504	427	9/42	50	
Tank, Medium, M3&M4	1941 - Jun	4,622	1,371	1/42	175	25,266
	Sep	12,365	4,988	1/42	510	
	Dec	27,665	10,011	8/42	2,131	
	1942 - Feb	28,315	24,722	11/42	3,815	
Tank, Light, M3	1941 - Jun	3,691	758	7/41	345	8,000
	Sep	5,520	1,913	8/42	352	
	Dec	11,520	2,969	12/41	410	
	1942 - Feb	12,520	7,850	11/42	1,000	

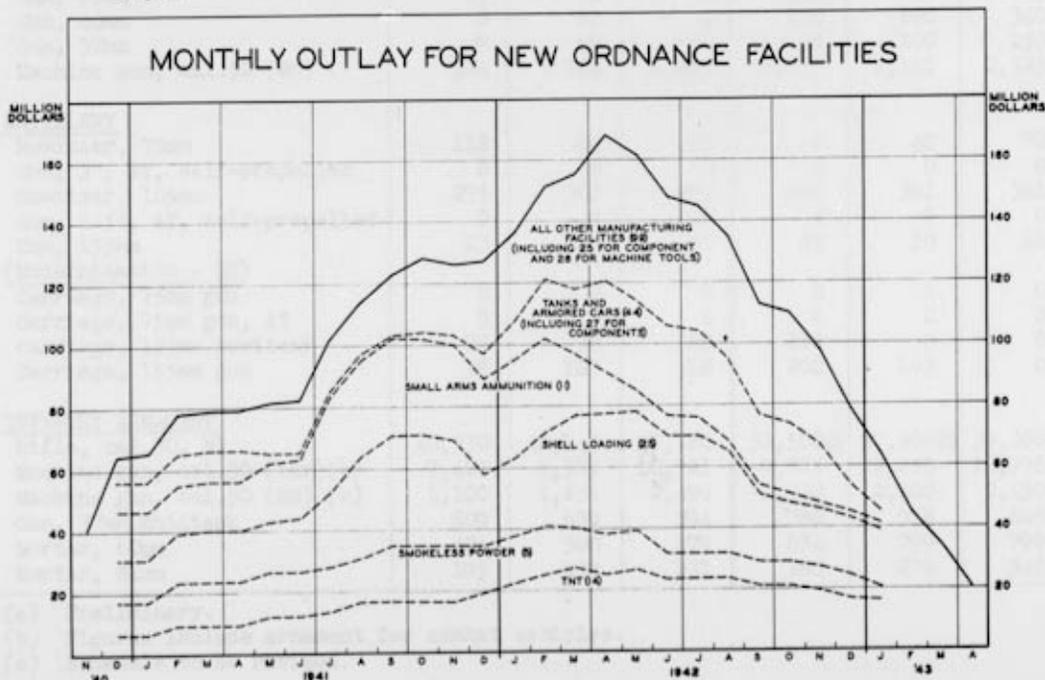
ORDNANCE - NEW FACILITIES

Source of Information: Corps of Engineers and Statistical Services, SOS

Striking features of the war effort in this country have been the large-scale construction of new munitions and airplane plants at government expense, and the fact that most finished ammunition, tanks, artillery and planes are to come from such establishments. Plans for the Victory Program contemplated spending as much as fifteen billions for new facilities.

It is axiomatic that new plants should be completed as early as possible. The chart indicates progress of the several parts of the ordnance program for 198 new facilities, of which 108 include buildings as well as equipment, involving in all \$3,100 millions as allotted up to the first of last month. Based on forecasts taken into account here, weighted probably on the side of optimism, it will take nearly a year to finish this building program. In addition, added funds have since been made available to the extent of \$1,113 millions. What part of this added amount will apply to plants for which ground has not yet been broken is, however, indefinite, in view of an order of March 27 to the Chiefs of Operating Divisions, SOS, to minimize further new building.

Ordnance has been allotted about two thirds of the total of funds used for new construction, most of the rest going to the Air Corps.



EQUIPMENT PROCUREMENT - SUMMARY - MARCH 31, 1942

Source of Information: Ordnance Department

Item	Acceptances			Schedules		
	Jan	Feb	Mar 1-31(a)	Mar	Apr	May
<u>AIRCRAFT ARMAMENT</u>						
Machine gun, cal.30	5,707	4,440	6,096	13,967	9,990	9,980
Machine gun, cal.50	9,494	15,197	15,169	14,047	14,814	15,771
Gun, 20mm automatic	2,405	2,826	3,862	3,525	4,250	4,916
Gun, 37mm automatic	250	267	350	333	400	425
<u>COMBAT VEHICLES</u>						
Tank, light	378	363	418	380	435	520
Tank, medium	576	630	632	796	950	1,060
Tank, heavy	0	0	0	0	0	3
Scout car	0	0	0	350	650	800
Personnel carrier, M2 & M4	643	588	202	238	337	232
Personnel carrier, M3	408	355	190	300	475	551
Submachine gun, cal.45	39,716	45,783	49,017	58,000	62,000	60,000
Gun, 37mm tank	885	942	1,496	1,399	1,400	1,900
Gun, 75mm tank	477	533	797	645	1,000	1,254
<u>ANTI-AIRCRAFT</u>						
Gun, 90mm	75	74	82	125	147	183
Gun, 40mm	0	19	4	170	260	340
Gun, 37mm	9	40	51	35	100	150
Machine gun, cal.50 (WC)	524	784	1,235	1,715	2,110	2,525
<u>ARTILLERY</u>						
Howitzer, 75mm	118	64	37	0	40	70
Gun, 3", AT, self-propelled	0	0	0	0	0	0
Howitzer, 105mm	275	367	597	361	361	361
Gun, 4.5", AT, self-propelled	0	0	0	0	0	0
Gun, 155mm	23	28	31	30	30	30
<u>(Modernization - HS)</u>						
Carriage, 75mm gun	0	0	0	0	0	0
Carriage, 75mm gun, AT	0	0	0	0	0	0
Carriage, 155mm howitzer	70	30	68	118	0	0
Carriage, 155mm gun	38	107	18	200	163	0
<u>INFANTRY ARMAMENT</u>						
Rifle, cal.30, M1	40,330	40,140	49,180	32,500(c)	37,500(c)	39,000(c)
Machine gun, cal.30 (Var)(b)	7,429	6,389	10,721	9,825	9,950	10,976
Machine gun, cal.50 (HB) (b)	1,100	1,656	2,499	2,350	2,400	2,450
Gun, 37mm antitank	609	639	394	786	918	848
Mortar, 60mm	424	300	379	674	799	799
Mortar, 81mm	195	339	231	380	279	345

(a) Preliminary.

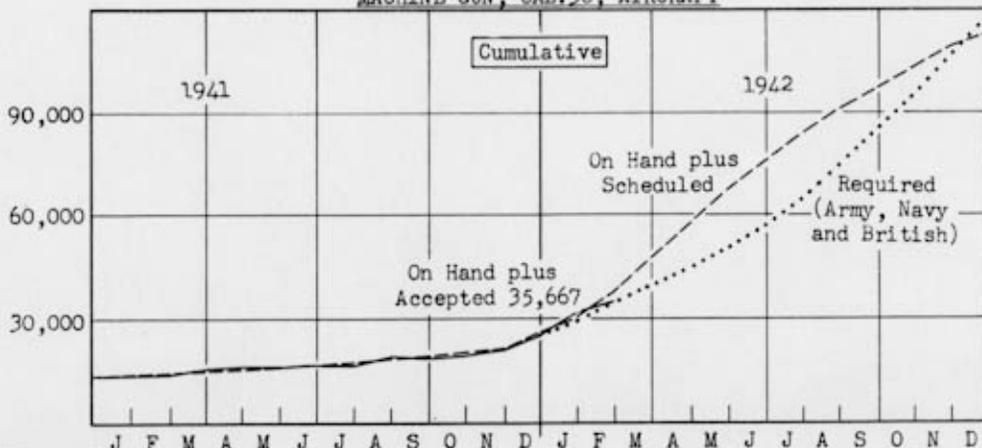
(b) Figures include armament for combat vehicles.

(c) Schedule to be revised.

AIRCRAFT ARMAMENT - MACHINE GUNS, CALIBER .30 AND CALIBER .50 - FEBRUARY 28, 1942

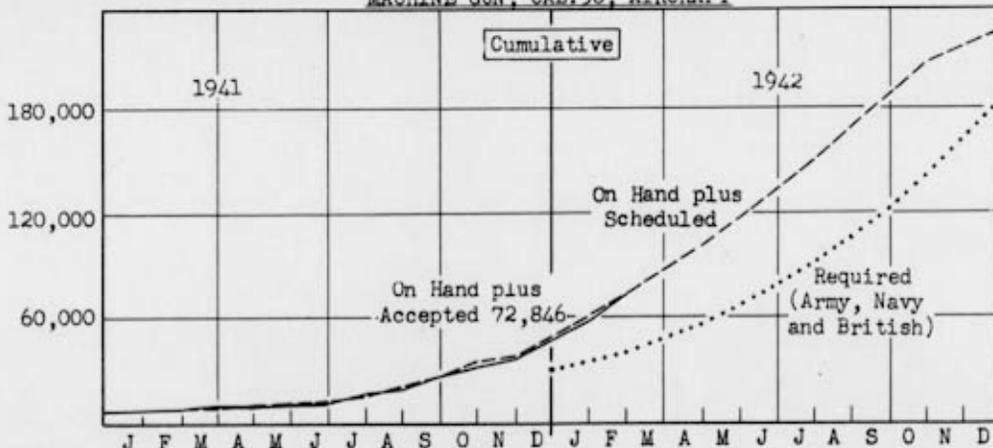
Source of Information: Ordnance Department

MACHINE GUN, CAL.30, AIRCRAFT



CUM. (THOUSANDS)	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
ACCEPTED	14	15	15	16	16	17	17	18	19	21	22	26	31	36												
SCHEDULED	14	15	15	15	16	17	18	18	19	21	22	26	31	37	47	57	67	76	84	90	97	104	110	114		
REQUIRED												26	31	36	40	45	50	57	65	74	85	96	108	119		

MACHINE GUN, CAL.50, AIRCRAFT



CUM. (THOUSANDS)	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
ACCEPTED	7	7	8	9	10	12	15	20	26	33	37	48	58	73												
SCHEDULED	7	7	8	9	10	12	15	20	26	34	39	49	62	73	87	101	117	134	152	170	188	207	217	227		
REQUIRED												30	36	42	49	57	68	80	92	107	124	143	162	183		

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - MARCH 31, 1942
 (STOCKS EXCLUDE DEFENSE AID SHIPMENTS)

Source of Information: General Staff

Item	Total requirements 3,635,000 men	Stocks in depots and with troops	Percent of requirements						
			0	20	40	60	80	100	
Aircraft Armament									
Machine gun, cal.30,fix.&fl.	44,260	28,070	63						
Machine gun, cal.50,fix.&fl.	131,837	77,511	59						
Gun, 20mm automatic	3,721	5,914	160						
Gun, 37mm automatic	2,896	883	30						
Combat Vehicles									
Tank, light	4,441	2,037(b)	46						
Tank, medium	5,902	1,455(c)	25						
Scout car	2,709	2,381(d)	88						
Personnel carrier, M2 & M4	11,100	4,546	41						
Personnel carrier, M3	8,208	2,447	30						
Machine gun, cal.30 (Var.)	125,849(a)	(a)	-						
Machine gun, cal.50 (HB)	14,712(a)	(a)	-						
Submachine gun, cal.45	155,279	142,751	92						
Gun, 37mm tank	30,392	3,098	10						
Gun, 75mm tank	5,872	1,120	19						
Antiaircraft									
Gun, 3"	566	566	100						
Gun, 90mm	1,529	328	21						
Gun, 4.7"	400	0	0						
Gun, 37mm	1,985	566	29						
Gun, 40mm	4,719	0	0						
Machine gun, cal.50 (WC)	26,638	3,342	13						
Artillery									
Gun, 75mm (HS)	-	1,022	-						
Howitzer, 75mm field & pack	452	503	111						
Howitzer, 105mm, M2A1 & SP	4,697	1,567	33						
Gun, 155mm	283	113	40						
Gun, 155mm (HS)	969	511	53						
Howitzer, 155mm (HS)	1,043	1,636	157						
Infantry Armament									
Rifle, cal.30, M1	1,524,735	464,101	30						
Carbine, cal.30, M1	881,698	9	-						
Machine gun, cal.30 (Var.)	176,047	70,713	40						
Machine gun, cal.50 (HB)	47,870	8,463	18						
Gun, 37mm antitank	12,681	3,733	29						
Mortar, 60mm	8,227	7,022	85						
Mortar, 81mm	4,708	2,905	62						

(a) Included in Infantry Armament.

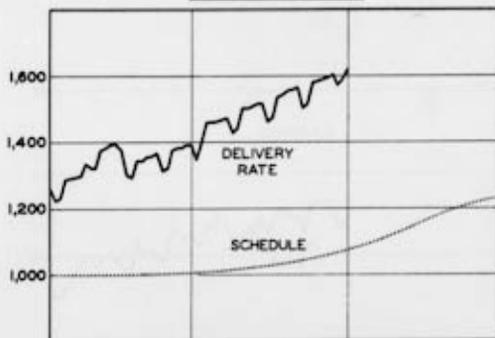
Stocks exclude substandard models formerly included (b) 757, (c) 112, (d) 99.

DAILY RATES - ORDNANCE PROCUREMENT - MARCH 31, 1942

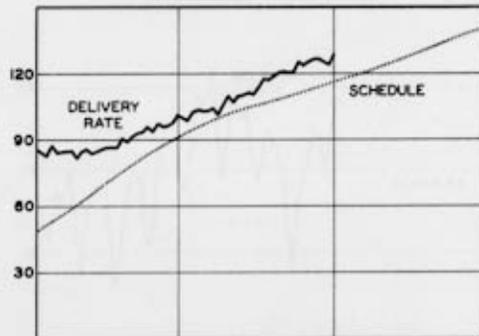
Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.

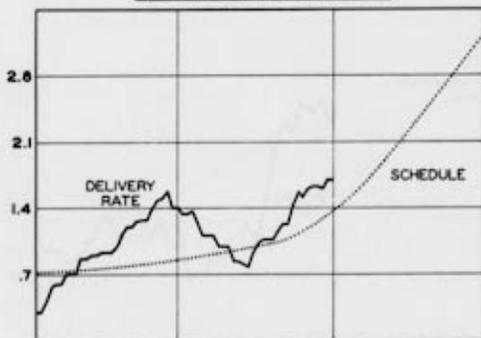
RIFLE, CAL. 30, MI



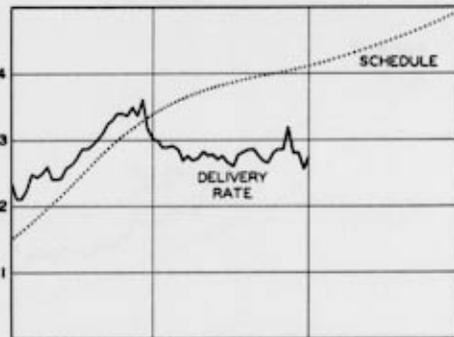
AUTOMATIC GUN, 20MM



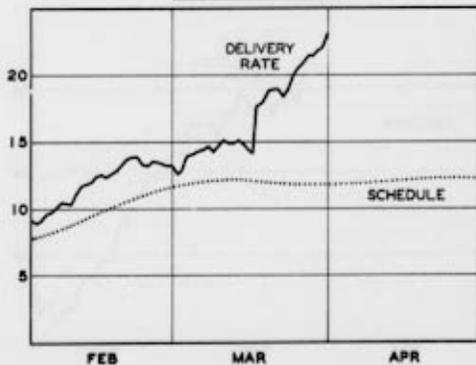
ANTI-AIRCRAFT GUN, 37MM



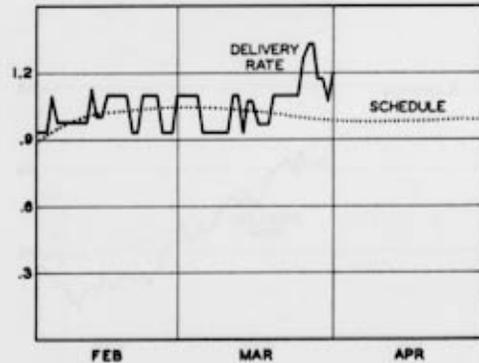
ANTI-AIRCRAFT GUN, 90MM



HOWITZER, 105MM



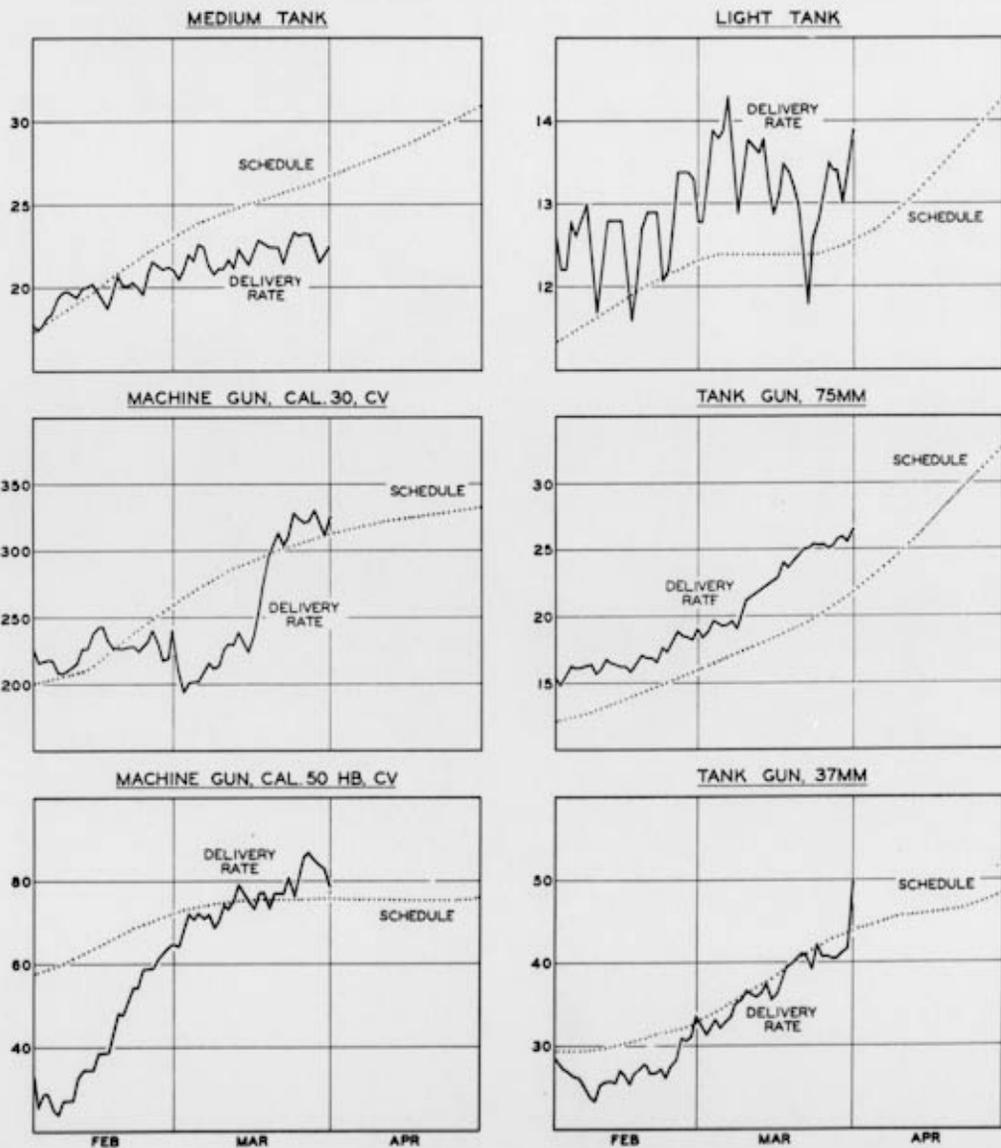
FIELD GUN, 155MM



DAILY RATES - ORDNANCE PROCUREMENT - MARCH 31, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



AMMUNITION PROCUREMENT - SUMMARY - MARCH 31, 1942

Source of Information: Ordnance Department

Item	Acceptances			Schedules		
	Jan (Thous)	Feb (Thous)	Mar 1-31(a) (Thous)	Mar (Thous)	Apr (Thous)	May (Thous)
<u>AIRCRAFT & PYROTECHNICS</u>						
Bomb, frag., 20#, 23# (b)	71	79	110	56	290	60
Bomb, demo., 100#, 250#, 300# (b)	104	57	318	120	205	195
Bomb, demo., 500#, 1000#, 2000#(b)	60	59	23	49	50	57
Bomb, chem., 30#, 100# (bc)	2	51	58	62	69	74
Cartridge, 20mm	6,146	2,963	3,592	4,712	5,550	8,000
Shell & shot, 37mm	20	228	453	194	420	0
Flares	1	5	9	13	82	91
Signals	35	257	161	197	365	418
<u>ANTI-AIRCRAFT</u>						
Shell & shot, 37mm	1,075	910	383	434	1,000	1,120
Shell & shot, 40mm	0	108	0	192	300	420
Shell & shot, 3"	205	147	226	238	100	100
Shell & shot, 90mm	231	97	0	74	100	150
<u>ARTILLERY</u>						
Shell, HE, 75mm gun	260	327	473	271	500	466
Shell, g & s, 75mm gun (b)	119	141	62	84	110	27
Shot, AP, M61 & M72, 75mm gun	2	336	227	442	520	550
Shell, HE, 75mm how.	346	10	641	131	500	210
Shell, HE, 105mm how.	546	463	859	438	700	750
Shell, g & s, 105mm how.	0	0	37	45	155	175
Shell, HE, 155mm gun (b)	20	46	35	58	70	95
Charge, prop., 155mm gun	33	203	136	146	95	55
Shell, HE, 155mm how. (b)	186	310	377	421	300	250
Shell, g & s, 155mm how. (b)	0	2	40	45	65	65
Charge, prop., 155mm how.	240	779	646	558	120	130
Primer, 21 gr.	0	677	1,039	524	30	170
Fuzes (all)	498	780	529	914	1,055	1,225
<u>INFANTRY</u>						
Cartridge, cal.30	182,913	185,589	303,585	286,120	370,379	443,430
Links, met. belt, cal.30	29,810	35,340	34,907	43,335	51,335	49,445
Cartridge, cal.45	43,598	49,180	65,676	68,990	66,876	68,650
Cartridge, cal.50	21,003	27,828	44,635	37,683	51,906	78,674
Links, met. belt, cal.50	43,449	61,918	100,414	133,750	150,050	159,050
Shot, shell & canister, 37mm	323	666	1,443	757	1,845	2,600
Shell, HE, 3", T & AT	15	0	15	0	15	30
Shell, HE, 60mm	603	356	553	376	870	750
Shell, HE, 81mm	129	263	402	368	540	450
Shell, smoke, 81mm	0	0	20	20	20	70
Grenade, HE, frag.	58	212	0	99	250	481
Signals, ground & light	93	474	246	510	675	634
Mine, antitank	2	49	125	0	100	150

(a) Preliminary.

(b) Unfuzed.

(c) Unfilled.

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps
Bureau of Aeronautics - Navy Department

U. S. AIRPLANE ACCEPTANCES

Preliminary reports indicate a total of United States airplane acceptances for March of 3,498 units. This is an eleven percent increase over the 3,147 figure for February, but the per diem rate remains at 112 planes per day.

Heavy bomber production rose from 134 in February to 156 in March and that of 2-engine bombers from 481 to 567. Total acceptances of military pursuit planes and Navy fighters on the other hand rose only 12 units, from 764 to 776. Trainer production for Army, Navy and Defense Aid, which was 1,157 in February amounted to 1,357 in March.

The Army accepted for itself 202 medium and light bombers compared to 78 in February, and 210 pursuit interceptors as against 201 in February. Its March acceptances of transports were 53 vs. 36 in February, and of observation types 340 vs. 283.

The distribution of preliminary March acceptances against all customer contracts was as follows:

	Army	Defense Aid	Navy	Britain	Other Foreign	Comm.	Total
Bombers	358	210	92	115	-	-	775
Pursuits	210	332	57	155	1	-	755
Service Combat	393	35	129	-	12	2	571
Trainers	1,115	152	73	-	17	40	1,397
Total	2,076	729	351	270	30	42	3,498

FLYAWAYS

There have been reported up to date 3,702 flyaways or deliveries of air-planes for the month of March. This figure includes all types reported from Wright Field and the Bureau of Aeronautics of the Navy.

DELAYS

Although March production was substantially higher than that of any previous month, there are some imminent problems. Boeing B-17E deliveries are threatened by engine shortages. A number of types, including Martin B-26's, Douglas A-20's, Lockheed P-38E's, and Republic P-47B's, are undergoing design modifications and further tests. North American B-25C's are faced with shortages of landing gear struts and bomb releases. Vultee A-31 acceptances are being held up because of rework of landing gear lock mechanism; also struts and armament. Brewster production appears to have slowed down, only one Brewster plane having been accepted in the past two months.

Good progress is being made on Consolidated B-24D's and Lockheed A-29A's. Cessna is running well ahead of schedule and appears to be steadily gaining ground.

Among new airplane engine manufacturers, Buick and Ford are expanding deliveries, whereas Studebaker had prepared only 4 engines for shipment up to March 15th.

TABULAR SUMMARY - ARMY AIRPLANES - CURRENT PROCUREMENT - MARCH 31, 1942

Source of Information: Consolidated Statistical Report - Air Corps

Type	On order but not accepted	Financed but not on order	Total to be accepted	March Army Acceptances(a)				
				Quarter Monthly				Total
				1-8	9-15	16-23	24-31	
Heavy bomber	10,009	4,263	14,272	39	27	44	46	156
Medium bomber	3,852	400	4,252	25	56	50	69	200
Light bomber	1,579	3,550	5,129	0	2	0	0	2
Pur. inter., 2-eng.(b)	1,666	1,800	3,466	17	24	13	25	79
Pur. inter., 1-eng.	15,630	618	16,248	24	25	33	49	131
Total Combat	32,736	10,631	43,367	105	134	140	189	568
Observation	485(c)	843(d)	1,328	22	78	121	119	340
Transport	2,585	830	3,415	11	9	10	23	53
Total Service Combat	3,070	1,673	4,743	33	87	131	142	393
Total Tactical	35,806	12,304	48,110	138	221	271	331	961
Adv. trainer, 2-eng.	5,514	1,060	6,574	42	69	59	62	232
Adv. trainer, 1-eng.	1,683	1,984	3,667	37	17	28	91	173
Basic trainer	4,836	-	4,836	56	53	107	109	325
Primary trainer	5,374	1,200	6,574	64	58	137	126	385
Total Trainer	17,407	4,244	21,651	199	197	331	388	1,115
Grand Total	53,213	16,548	69,761	337	418	602	719	2,076

Type	Monthly Army Acceptances						
	Actual			Estimated(e)			
	Dec 1941	Jan 1942	Feb 1942	Mar 1942	Apr 1942	May 1942	Jun 1942
Heavy bomber	64	82	134	150	160	171	95
Medium bomber	92	19	72	146	154	231	260
Light bomber	19	3	6	30	50	70	110
Pur. inter., 2-eng.(b)	53	106	123	100	100	106	102
Pur. inter., 1-eng.	292	250	78	131	117	162	258
Total Combat	520	460	413	557	581	740	825
Observation	45	99	283	207	338	330	75
Transport	8	28(f)	36(f)	60	103	97	83
Total Service Combat	53	127	319	267	441	427	158
Total Tactical	573	587	732	824	1,022	1,167	983
Adv. trainer, 2-eng.	71	134	214	230	266	300	269
Adv. trainer, 1-eng.	116	181	138	217	193	204	251
Basic trainer	163	327	351	325	338	351	365
Primary trainer	376	337	254	335	351	358	296
Total Trainer	726	979	957	1,107	1,148	1,213	1,181
Grand Total	1,299	1,566	1,689	1,931	2,170	2,380	2,164

(a) Deducted from first column.

(b) Includes pursuit-fighter class.

(c) Includes 78 reconnaissance.

(d) Includes 14 amphibian.

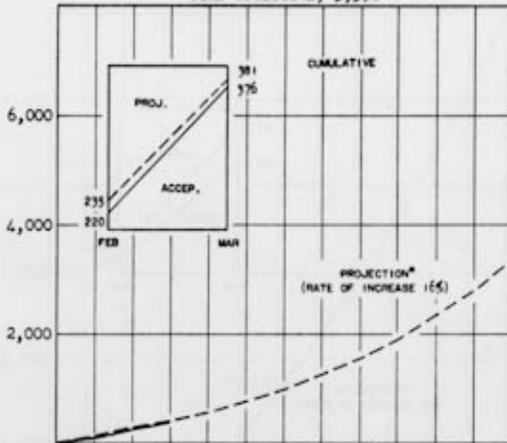
(e) Manufacturers' estimates - 2-28-42.

(f) Allocation changed.

BOMBING PLANES - 1942 TIME OBJECTIVES - TOTAL PRODUCTION

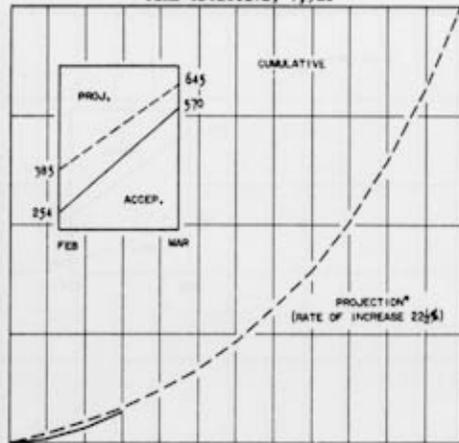
Source of Information: Presidential Objective
Acceptances - Materiel Division, Air Corps

4-ENGINE HEAVY & PATROL
TIME OBJECTIVE, 3,390



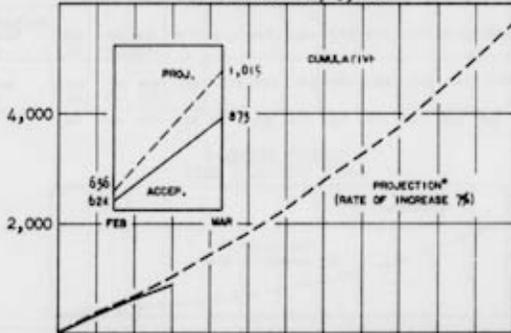
1942 CUMULATIVE PROJECTION*	109	235	381	550	746	973	1236	1541	1895	2306	2793	3376
ACCEPTED	86	220	276									
MONTHLY PROJECTION	109	126	146	169	196	227	263	305	354	411	477	553
ACCEPTED	86	134	156									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

2-ENGINE MEDIUM & PATROL
TIME OBJECTIVE, 7,910



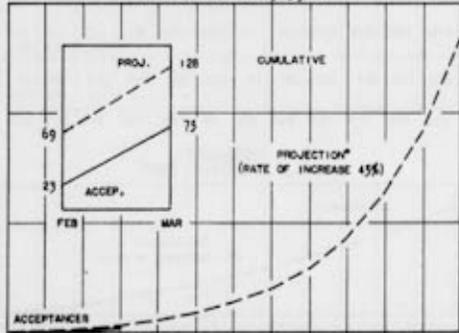
1942 CUMULATIVE PROJECTION*	173	385	645	964	1355	1834	2421	3140	4021	5100	6422	8041
ACCEPTED	83	254	570									
MONTHLY PROJECTION	173	212	260	319	391	479	587	715	881	1079	1322	1619
ACCEPTED	83	171	315									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

2-ENGINE LIGHT
TIME OBJECTIVE, 5,720



1942 CUMULATIVE PROJECTION*	317	656	1019	1407	1822	2266	2741	3249	3793	4375	4998	5665
ACCEPTED	314	524	875									
MONTHLY PROJECTION	317	339	363	388	415	444	475	508	544	582	623	667
ACCEPTED	314	316	251									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

1-ENGINE, SCOUT, DIVE, & TORPEDO
TIME OBJECTIVE, 5,280



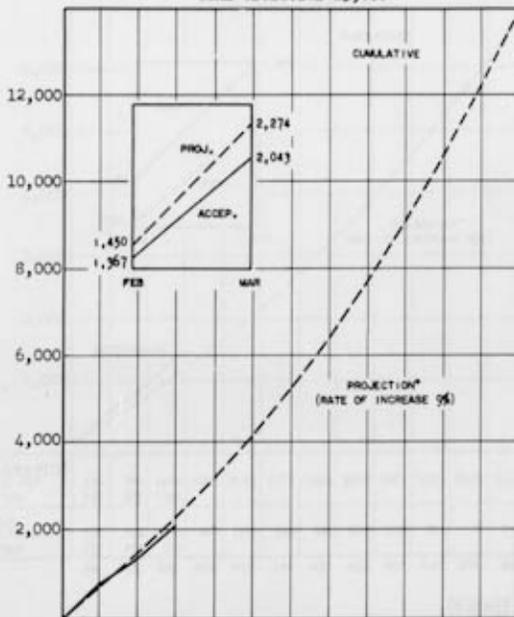
1942 CUMULATIVE PROJECTION*	28	69	128	214	339	520	782	1162	1713	2512	3671	5352
ACCEPTED	9	23	75									
MONTHLY PROJECTION	28	41	59	86	125	181	262	380	551	799	1159	1681
ACCEPTED	9	14	52									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

* THIS PROJECTED CUMULATIVE CURVE IS BASED ON THE MINIMUM MONTHLY PERCENTAGE RATE OF INCREASE OVER THE DECEMBER 1941 PRODUCTION REQUIRED TO APPROXIMATE THE PRESIDENTIAL TIME OBJECTIVES FOR THE CALENDAR YEAR 1942.

PURSUIT, OBSERVATION, AND TRANSPORT PLANES - 1942 TIME OBJECTIVES - TOTAL PRODUCTION

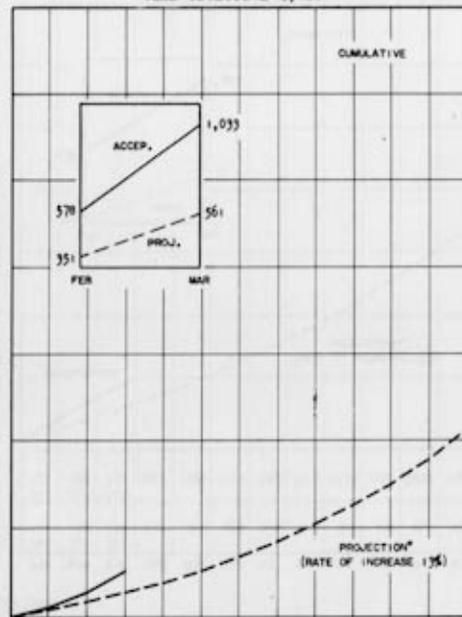
Source of Information: Presidential Objective
Acceptances - Materiel Division, Air Corps

1-ENGINE PURSUIT
TIME OBJECTIVE 13,760



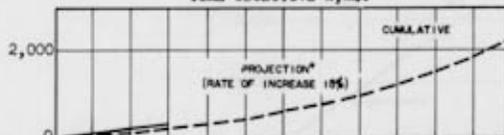
1942 CUMULATIVE PROJECTION*	694	1450	2274	3172	4151	5218	6381	7649	9031	10537	12179	13969
ACCEPTED	725	1367	2043									
MONTHLY PROJECTION ACCEPTED	694	736	824	898	979	1067	1163	1268	1382	1506	1642	1790
	725	641	676									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

OBSERVATION & LIAISON
TIME OBJECTIVE 4,288



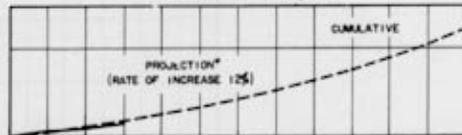
1942 CUMULATIVE PROJECTION*	165	351	561	790	1066	1369	1711	2097	2533	3026	3583	4212
ACCEPTED	194	578	1,033									
MONTHLY PROJECTION ACCEPTED	165	186	210	237	268	303	342	386	436	493	557	629
	194	384	455									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

2-ENGINE PURSUIT
TIME OBJECTIVE 2,240



1942 CUMULATIVE PROJECTION*	64	140	230	336	461	605	784	991	1235	1523	1863	2264
ACCEPTED	116	239	318									
MONTHLY PROJECTION ACCEPTED	64	76	90	106	125	148	175	207	244	288	340	401
	116	123	79									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

TRANSPORT
TIME OBJECTIVE 2,412

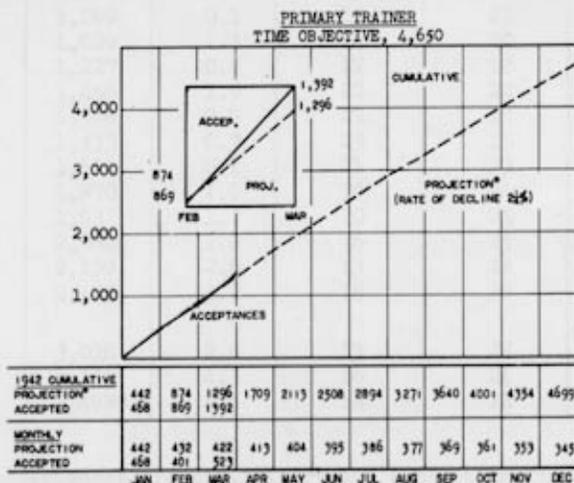
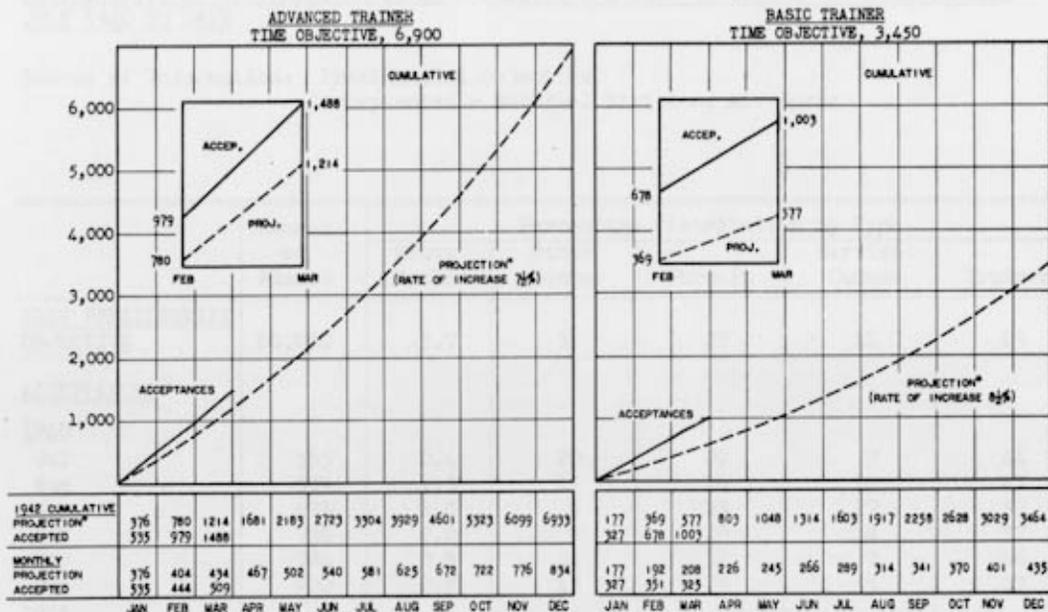


1942 CUMULATIVE PROJECTION*	101	214	341	483	642	820	1019	1242	1490	1772	2086	2437
ACCEPTED	104	213	327									
MONTHLY PROJECTION ACCEPTED	101	113	127	142	159	178	199	223	250	280	314	352
	104	109	114									
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

* THIS PROJECTED CUMULATIVE CURVE IS BASED ON THE MINIMUM MONTHLY PERCENTAGE RATE OF INCREASE OVER THE DECEMBER 1941 PRODUCTION REQUIRED TO APPROXIMATE THE PRESIDENTIAL TIME OBJECTIVES FOR THE CALENDAR YEAR OF 1942.

TRAINING PLANES - 1942 TIME OBJECTIVES - TOTAL PRODUCTION

Source of Information: Presidential Objective
Acceptances - Materiel Division, Air Corps



* THIS PROJECTED CUMULATIVE CURVE IS BASED ON THE MINIMUM MONTHLY PERCENTAGE RATE OF INCREASE (OR DECLINE), AS COMPARED WITH THE DECEMBER 1941 PRODUCTION, REQUIRED TO APPROXIMATE THE PRESIDENTIAL OBJECTIVES FOR THE CALENDAR YEAR 1942.

DISTRIBUTION OF AIRPLANES BY TYPES - PRESIDENT'S 1942 OBJECTIVE AND ACCEPTANCES, JULY 1940 TO DATE

Source of Information: Presidential Objective
Acceptances - Materiel Division, Air Corps

	Number of Planes	Percentage Distribution by Type				
		Heavy Bomber	Other Bomber	Pursuit	Service Combat	Trainer
<u>1942 PRESIDENTIAL OBJECTIVE</u>	60,000	5.7	31	27	11	25
<u>ACCEPTANCES</u>						
<u>1940</u>						
Jul	565	0.4	20	29	7	44
Aug	589	1.5	15	26	10	47
Sep	671	1.0	6	23	17	53
Oct	730	2.0	7	26	8	57
Nov	784	0.8	14	32	7	46
Dec	900	0.8	18	29	5	47
<u>1941</u>						
Jan	1,099	0.1	15	23	9	53
Feb	1,029	1.3	24	20	11	44
Mar	1,227	0.8	22	18	8	51
Apr	1,456	1.9	22	20	7	49
May	1,388	0.9	22	18	8	51
Jun	1,533	0.7	23	15	10	51
Jul	1,616	0.1	21	23	6	50
Aug	1,870	1.0	18	24	10	47
Sep	1,931	1.7	20	25	9	45
Oct	2,294	1.8	16	25	8	49
Nov	2,139	2.6	13	28	11	46
Dec	2,475	3.8	18	28	10	40
<u>1942</u>						
Jan	3,018	2.8	13	28	11	45
Feb	3,153	4.3	16	24	16	38
Mar	3,498*	4.5	18	22	16	39

* March acceptances are preliminary and subject to final adjustment.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - BASIC ITEMS OF SUPPLY & TRANSPORTATION

Source: Statistics Branch, Office of the Quartermaster General

EQUIPAGE

Deliveries of tents, pyramidal, during the three month period ending March 31, were 55 percent behind schedule. This represents a large improvement when compared with 90 percent behind schedule on February 28 and 97 percent behind schedule on January 31. The scheduled increment for April as shown in February 28 Monthly Status Report is 41,000 units, which is greater than total deliveries for the first three months of 1942. Difficulties in procuring quantities of heavy duck required for military use have necessitated use of a wide variety of non-standard tentage. The entire capacity of mills manufacturing duck will be required for meeting military requirements, and efforts are being made to convert other plants to the production of duck.

As of March 31, the deliveries of tent, shelter-half, were 16 percent behind schedule. This figure reflects a continued trend toward meeting scheduled deliveries, but the shortage of duck requires that this item be closely followed.

CLOTHING

As of March 31, the deliveries of trousers, cotton, khaki, were 9 percent behind schedule. At the end of February, they were 24 percent ahead of schedule and on January 31, they were 282 percent ahead of schedule. During these three months, there has been a slight monthly increase in the number of items delivered, but this has failed to meet the large increase in number of items scheduled for delivery.

MOTOR VEHICLES

During the first three months of 1942, deliveries of motor vehicles of all types exceeded schedules by 3 percent, although certain types of vehicles have failed to meet scheduled production. Deliveries of trucks, $\frac{1}{2}$ -ton, were 27 percent behind schedule for this period. March deliveries of 16,478 units were greater than the combined January and February deliveries of 13,741 units; this delivery rate must be further increased if schedules are to be met. It should be noted that deliveries of trucks, $\frac{1}{2}$ -ton, for the first three months of 1942 were only 4 percent behind the total objective for this period.

Deliveries of trucks, 6-ton and over, are 12 percent behind schedule for the same period and 10 percent behind the total objective for this particular period.

The status of deliveries for semi-trailers is 5 percent behind schedule but in comparison with the total objective for the first three months of 1942, the deliveries are 37 percent behind requirements.

QUARTERMASTER PROCUREMENT - SUMMARY - MARCH 31, 1942

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

Item	Acceptances				Scheduled: Mar-Jul, 1942				
	Dec	Jan	Feb	Mar	Mar	Apr	May	Jun	Jul
CLOTHING (1000s)*									
Coat, wool, serge	210	395	339	473	373	445	545	719	607
Drawers, cotton	1,967	2,353	1,763	1,323	1,844	1,650	2,576	3,230	3,619
Overcoat, wool, od	150	310	310	412	368	514	363	520	251
Shirt, cotton, khaki	1,204	1,116	996	1,397	1,417	1,909	2,119	2,323	3,360
Shirt, flannel	751	831	636	772	1,054	1,288	1,301	1,292	1,458
Shoes, service	1,359	1,034	2,000	2,903	3,955	3,961	2,792	1,725	0
Trousers, cotton	641	737	759	782	1,297	1,185	1,345	2,600	835
Trousers, wool, od	655	756	512	778	729	1,446	1,441	1,401	800
Undershirt, cotton	1,859	2,031	1,746	1,638	2,255	2,830	3,670	1,920	1,500
EQUIPAGE (1000s)*									
Bag, canvas, w., ster.	6	11	5	10	10	16	16	16	6
Bar, mosquito	59	50	69	130	177	435	519	465	226
Blanket, wool, od	815	823	670	730	100	721	1,262	1,262	560
Cutter, wire	85	97	24	116	121	0	24	49	49
Tent, pyramidal	3	0.3	5	34	35	41	65	113	129
Tent, shelter-half	156	140	144	208	225	312	483	691	169
GENERAL SUPPLIES*									
Range, field	899	1,173	165	55	2,550	812	812	978	1,814
MOTOR VEHICLES									
Ambulances	915	350	160	40	32	8	500	0	953
Passenger cars	634	519	5,401	4,510	75	50	0	0	0
Motorcycles	2,496	2,953	2,696	2,358	3,173	4,159	3,008	2,952	2,952
Trucks, 1-ton	7,066	7,330	6,411	16,478	23,275	13,026	19,880	17,880	17,880
Trucks, 1-1-ton	2,704	5,611	5,243	7,193	651	4,273	4,262	0	7,015
Trucks, 1 1/2-ton	6,244	12,046	14,170	19,999	18,437	23,664	10,900	6,250	1,500
Trucks, 2 1/2-ton (a)	9,369	9,383	8,603	13,745	11,936	14,400	16,600	20,960	28,844
Trucks, 4 & 5-ton	749	760	1,077	543	743	971	851	780	807
Trucks, 6-ton & over	491	557	710	512	873	1,330	1,365	1,830	1,815
Semi-trailers (b)	146	191	107	153	188	2,423	430	310	580
Trailers (c)	663	240	433	2,520	1,641	2,719	948	402	200
WATER TRANSPORTATION									
Barges	4	3	20	6	109	25	24	12	11
Landing boats	0	none	scheduled	0	16	2	50	0	0
Launches, Navy type	2	0	1	0	5	4	0	10	0
Radio contr. boats	0	0	0	0	11	0	0	0	0
Rescue boats	13	9	5	6	4	16	14	7	8
Tugs	1	1	1	0	8	2	1	3	4

(a) Includes 26 busses

(b) Includes 20-ton tank transporter

(c) Includes 40-ton tank transporter

* Defense Aid data as of Feb 28

QUARTERMASTER PROCUREMENT - DELIVERY STATUS AS OF MARCH 31, 1942

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

Item	Requirements* Force A Army & D. A.	Cumulative Delivery Army & D. A.	Percent of Requirement Delivered					
			%	0	20	40	60	80
<u>CLOTHING**</u>								
Coat, wool, serge	16,569,961	6,456,670	39					
Drawers, cotton	66,384,292	32,398,115	49					
Overcoat, wool, o.d.	8,969,341	3,727,646	42					
Shirt, cotton	34,815,631	18,002,599	52					
Shirt, flannel	22,873,536	12,347,994	54					
Shoes, serv. (I. low-qtr.)	46,541,786	21,505,855	46					
Trousers, cotton, khaki	43,783,386	15,723,315	36					
Trousers, wool, o.d.	27,166,155	11,394,413	42					
Undershirt, cotton	66,122,975	30,003,808	45					
<u>EQUIPAGE**</u>								
Bag, canvas, w., ster.	121,538	65,121	54					
Bar, mosquito	7,377,023	2,566,668	35					
Blanket, wool, o.d.	23,992,186	11,089,261	46					
Cutter, wire	697,950	405,534	58					
Tent, pyramidal	1,894,075	358,831	19					
Tent, shelter-half	8,347,206	786,000	9					
<u>GENERAL SUPPLIES**</u>								
Range, field	44,004	11,371	26					
<u>MOTOR VEHICLES</u>								
Ambulances	17,710	6,006 ^a	34					
Passenger cars	21,393	16,738	78					
Motorcycles	96,287	16,608	17					
Trucks, 1/4-ton	204,153	44,449	22					
Trucks, 1/2-ton	139,258	72,934	52					
Trucks, 1 1/2-ton	158,032	82,870	52					
Trucks, 2 1/2-ton	374,892	93,307 ^b	25					
Trucks, 4 & 5-ton	23,084	9,987 ^a	43					
Trucks, 6-ton	16,727	3,996	24					
Semi-trailers	18,490	2,798	15					
Trailers	100,068	36,663	37					
<u>WATER TRANSPORTATION</u>								
Barges	272	68	25					
Landing boats	151	81	54					
Launches, Navy type	89	21	24					
Radio controlled boats	50	0	0					
Rescue boats	109	40	37					
Tugs	91	17	19					

* Status Report Feb 28

** Defense Aid data as of Feb 28

a/ Revised figures

b/ Includes 26 busses

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - APRIL 4, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch, Procurement Division; Field Survey

This report is the result of an extensive survey to determine the adequacy of signal equipment to meet requirements. Reports furnished by the Signal Corps and observation during visits to industrial organizations were the principal sources of information.

AIRCRAFT SIGNAL EQUIPMENT

The production of standard signal equipment for aircraft is adequate to meet present requirements. A considerable quantity of signal equipment for Defense Aid aircraft is being called for by the Army Air Forces. Due to a delay in the determination of signal equipment requirements for Defense Aid aircraft there has been little production under contracts for this purpose. These requirements are being met by withdrawals from production intended for Army aircraft. As a result, certain items are barely keeping abreast of requirements, but marked progress is evident in the correction of this situation.

Some shortages are being reported by aircraft manufacturers. In the main, these are due to distribution and not to production difficulties. The new system of requisitioning used by the Army Air Forces and the recently inaugurated procedure of the Signal Corps for the procurement and distribution of aircraft signal equipment are expected to solve this problem.

Western Electric is at present the sole manufacturer of aircraft command sets SCR-183, SCR-283 and SCR-274-N. These sets are the only command sets in production at this time and are required by the Air Corps in large numbers.

Facilities for the manufacture of SCR-183 and SCR-283 at Kearney, New Jersey, are being doubled. The present production is approximately 225 per week and in addition the Western Electric Company is subcontracting to Philco in Philadelphia some 6,500 sets of these types. Philco has set up the necessary tooling facilities and space and is ready to start production upon the receipt of the firm contract. A total of 26,239 units will be produced by these two companies during 1942.

Western Electric is also expanding its facilities for the manufacture of SCR-274-N sets at Kearney and at a new plant in Clifton, New Jersey. Furthermore the company has made arrangements to subcontract this set with Colonial Radio in Buffalo. The SCR-274-N is an exceedingly difficult piece of equipment to manufacture due to low allowable tolerances. Of nine possible subcontractors approached, Colonial was the only one willing to undertake this work. Production of the SCR-274-N is now 1,500 units per month.

TEXT SUMMARY - (Continued)

It should be noted that a considerable number of aircraft will be equipped with the new SCR-522 ultra high frequency command set as soon as production gets under way at the plant of Bendix Radio in Baltimore.

Airborne radar equipment has not yet reached the production stage. In fact, quite a number of items in this category have only recently been developed and others are still under development. Since it is vital to the effectiveness and safety of our aircraft in combat every effort is being made to hasten the production of this apparatus.

Facilities for the manufacture of the SCR-520 (radar) at the Western Electric plant in Bayonne are well under way and production will start in April. This apparatus is used in aircraft for the detection and calculation of range to enemy aircraft in flight. Certain components of this equipment are still under development but models for instruction and training purposes will be available in limited numbers in May. The SCR-517 (radar) has not yet reached the production stage but space is being arranged for its manufacture. This equipment is used for precision bombing of enemy objectives through the over-cast and at night.

GROUND RADIO EQUIPMENT

A considerable quantity of radio equipment is now in the hands of the Ground Forces. While this equipment is regarded as adequate for limited field operations much of it is being replaced by equipment of improved design. Few of these new sets have reached the quantity production stage but estimates indicate that the production of this equipment will reach substantial figures by May. For example the SCR-284 used by the Infantry, Field Artillery and Signal Corps for communication between units down to include Battalions is not yet in production. However, estimates place production at 650 for this month and 1,000 per month thereafter.

AIRCRAFT DETECTION AND ALLIED EQUIPMENT

The SCR-268, SCR-270 and SCR-271 aircraft warning sets have been in production for more than two years and a substantial number of each type is now in use. Present requirements are in excess of production, however, and a serious shortage of this equipment exists. Manufacturers are delivering in accordance with contract schedules. The remaining types of this equipment, most of which have only recently been standardized, have not yet reached the production stage.

TEXT SUMMARY - (Continued)

WIRE COMMUNICATION

Production facilities for most ground equipment other than radio sets appear adequate to meet the requirements of our Army. Educational orders placed with manufacturers in 1940 were helpful in expanding manufacturers facilities of field wire and telephones. Heavy demand has been placed upon these companies by requirements for Defense Aid. Certain material shortages have delayed production of this equipment to a minor extent.

CRITICAL MATERIALS

The obtaining of cobalt, nickel, aluminum, steatite, piezo quartz crystals (grinding and finishing) and tungsten in quantities required for the manufacture of signal equipment has been difficult.

Perhaps the most critical of these materials is "steatite", an insulating material used extensively in the manufacture of radio sets. The production facilities for this material are being expanded as rapidly as possible but insufficient quantities exist to meet requirements.

Facilities for the grinding and finishing of quartz crystals for radio equipment have not been sufficient. Rapid expansion of these facilities has done much to alleviate this situation but the demand is still far in excess of production.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 4, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Procurement Program	Under Contract	Due Mar 31	Del'd Apr 4	Acceptances			Scheduled Deliveries			
					Jan	Feb	Mar	Apr 1-4	Apr	May	June
					(CUMULATIVE)					(NON - CUMULATIVE)	
AIRCRAFT RADIO COMMUNICATION EQUIPMENT											
Auxiliary Receiver											
RA-10-CA	707	707	111	279	0	59	52	168	100	100	100
RA-10-DA	2,800	2,800	856	882	0	354	502	46	200	200	200
Frequency meter set SCR-211	44,366	44,305	3,887	2,763	219	168	201	1,175	3,000	3,000	3,500
Interphone Equipment											
RC-27	20,172	20,172	6,000	6,244	300	850	500	644	750	842	950
RC-34	3,840	3,840	0	0	0	0	0	0	0	0	100
RC-36	48,355	48,355	8,908	9,333	0	881	0	1,025	800	881	2,050
RC-45	3,204	3,204	413	626	0	0	0	213	0	0	150
RC-51	3,553	3,553	3,272	3,447	0	12	0	175	150	50	81
RC-73	5,560	5,560	0	0	0	0	0	0	0	500	1,000
Microphone											
T-20	8,500	8,500	4,500	4,500	0	0	0	0	1,000	1,000	1,000
T-30	129,225	129,225	76,560	77,810	1,000	15,560	1,250	0	0	1,000	1,500
Command Radio											
SCR-183	23,046	23,046	6,355	6,308	83	740	482	391	1,400	1,800	2,000
SCR-274 **	76,958	75,458	7,080	7,740	12	2,846	1,050	1,110	2,500	3,500	4,000
SCR-283	11,422	11,422	4,867	4,919	556	94	481	171	800	1,200	1,200
SCR-522	36,894	36,894	0	0	0	0	0	0	0	0	200
Liaison Radio											
SCR-187	3,603	3,603	673	613	97	110	1	0	121	152	273
SCR-287	41,470	41,220	1,705	1,369	23	18	3	0	452	475	886
Sea Rescue Radio											
SCR-578	16,324	16,324	0	0	Recently standardized and contracted.						
AIRCRAFT RADIO NAVIGATION EQUIPMENT											
Contacting equipment RC-96	30,709	30,709	4,101	4,313	1,489	1,112	1,712	0	1,000	2,500	2,500
Filter equipment RC-32	159,789	119,563	34,023	33,993	1,450	6,290	4,100	1,870	5,000	5,000	10,000
Localizer receiver RC-10E	33,160	33,160	0	0	Recently standardized and contracted.						
Marker beacon receiving equipment											
RC-39	3,517	3,517	767	1,027	96	58	227	33	100	110	200
RC-43	46,802	46,802	9,911	11,280	333	1,851	2,352	2,017	3,000	2,400	2,491
Radio Compass											
SCR-269 (Dual Position)	42,254	42,254	3,758	4,201	241	1,332	1,243	0	1,300	1,800	2,600
SCR-269 (Single Position)	1,500	1,500	752	617	0	452	165	0	300	448	0
Absolute Altimeter											
SCR-518	22,270	7,989	0	0	Recently standardized and contracted.						
SCR-618	15,000	15,000	0	0	Recently standardized and contracted.						
AIRBORNE RADIO DETECTION AND RECOGNITION EQUIPMENT											
SCR-515 US Type IFF	39,909	19,529	0	0	0	0	0	0	0	600	3,000
SCR-517 ASV 10	6,273	2,450	0	0	Contract awarded December, 1941.						
SCR-519 ASV 10	3,823	0	0	0	Procurement deferred.						
SCR-520 AI 10	2,435	2,185	0	0	0	0	0	0	5	10	30
SCR-521 US Type ASV, Mark II	33,045	7,114	30	34	0	30	4	0	100	450	550
SCR-535 British Type IFF, Mark II	16,630	16,630	0	0	0	0	0	0	310	310	310
SCR-540 British Type AI, Mark IV	500	500	5	0	0	0	0	0	15	30	35
SCR-595 IFF, Mark III	18,500	18,500	0	0	Recently standardized.						
SCR-695 IFF, Mark III-G	18,000	18,000	0	0	Recently standardized.						
GROUND-AIR NAVIGATIONAL AID											
Control net system SCS-2	20	20	1	0	0	0	0	0	2	4	9
Control net system SCS-3	120	120	0	0	0	0	0	0	0	0	2
Homing device SCR-277	70	62	0	0	Production starts in October, 1942.						
Instrument blind landing SCR-251	715	0	0	0	Development of all components not yet completed.						

* Includes procurement for other Services.
** Last 1,597 sets delivered without Dynamotor DM-95.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 4, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Procurement Programs	Under Contract	Due Mar 31	Del'd Apr 4	Acceptances				Scheduled Deliveries		
					Jan	Feb	Mar	Apr 1-4	Apr	May	June
					(C U M U L A T I V E)					(N O N - C U M U L A T I V E)	
GROUND RADIO COMMUNICATION- RADIO SETS											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,785	1,083	960	1,008	212	140	98	0	123	0	0
SCR-178	2,971	2,217	1,427	1,341	0	2	74	40	200	300	290
SCR-188	3,194	1,090	669	569	0	27	0	0	127	200	201
SCR-197	367	367	258	258	48	0	0	0	0	51	58
SCR-299	1,542	261	35	0	0	0	0	0	65	100	61
Intra-Regiment Communication											
SCR-284	17,681	17,681	50	0	0	0	0	0	300	700	1,000
SCR-288	2,800	2,800	1,300	1,404	23	0	104	0	150	600	750
SCR-543	1,381	1,418	0	0	0	0	0	0	250	250	250
Radio Intelligence, Signal Corps											
SCR-206	360	200	171	169	26	36	7	0	50	9	0
SCR-243	178	120	74	74	0	0	0	0	46	0	0
SCR-244	526	346	254	154	0	0	0	0	92	0	0
SCR-255	124	101	21	16	6	0	10	0	20	25	35
Short Range Portable											
SCR-194	10,562	9,299	7,494	7,112	1,120	2,201	118	0	800	1,005	0
SCR-195	5,944	4,754	4,754	4,690	709	404	72	60	0	0	0
SCR-509	1,582	1,582	425	542	0	0	125	417	789	368	0
SCR-536	13,818	13,818	3,207	3,022	1,544	820	173	0	385	0	0
SCR-609	897	417	0	0	0	0	0	0	0	50	100
Animal Pack, Cavalry Field Artillery											
SCR-179	126	0	0	0	Recently placed under procurement.						
SCR-203	213	213	199	192	43	3	0	0	14	0	0
Short Range Vehicular Field Artillery											
SCR-606	10,053	10,053	0	0	0	0	0	0	0	100	200
SCR-610	24,288	23,826	0	0	0	0	0	0	100	1,000	4,000
SCR-628	2,374	2,272	0	0	0	0	0	0	0	50	100
Vehicular and Tank- Armored Force											
SCR-193 AM Type	8,905	8,903	2,519	2,419	0	0	0	0	100	100	184
SCR-245 AM Type	6,463	6,463	5,241	5,275	117	457	270	64	300	600	600
SCR-293 FM Type III	1,010	1,010	348	481	54	106	151	32	50	75	37
SCR-294 FM Type III	1,340	1,340	838	778	53	171	0	0	60	80	62
SCR-506 AM Type II	13,500	13,500	0	0	Recently standardized and contracted.						
SCR-508 FM Type III	27,042	21,185	75	403	0	13	378	0	150	200	400
SCR-510 FM Type IV	6,254	6,254	0	917	0	0	917	0	200	600	600
SCR-528 FM Type III	30,504	21,943	293	432	32	54	339	0	200	400	900
SCR-538 FM Type III	67,773	14,972	346	715	3	23	312	357	400	500	1,000
ACCESSORY EQUIPMENT											
Antenna equipment RC-63	2,376	2,376	2,187	2,187	708	124	0	0	0	89	100
Charging set SCR-169	4,861	2,538	1,636	1,395	0	0	0	0	512	200	151
Frequency meter set SCR-211	6,265	8,253	3,192	3,144	225	116	246	6	400	300	400
Loudspeaker LS-3	29,406	2,940	2,900	2,900	0	0	0	0	0	40	0
Power unit PE-75	2,304	1,963	0	0	0	0	0	0	0	100	200
(Radio) Receiver RC-342	1,884	1,884	956	1,011	260	0	0	40	300	300	313
Remote control equipment RC-66	3,039	3,039	1,083	1,083	401	372	300	0	300	300	300
Test I-56	8,558	4,879	4,820	4,856	0	0	0	0	54	0	0
Transmitter tuning unit TU-25	3,202	3,202	2,869	2,820	369	1,900	551	0	333	0	0

* Includes procurement for other Services.

AM - Amplitude Modulation
FM - Frequency Modulation

TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 4, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Procurement Program	Under Contract	Due Mar 31	Del'd Apr 4	Acceptances				Scheduled Deliveries			
					Jan	Feb	Mar	Apr 1-4	Apr	May	June	
(C U M U L A T I V E)					(N O N - C U M U L A T I V E)							
GROUND RADIO DETECTION EQUIPMENT												
Aircraft Warning												
SCR-268	2,104	2,104	454	481	52	13	50	14	52	52	68	
SCR-270	532	532	106	120	2	0	15	5	10	15	25	
SCR-271	87	87	31	34	0	0	0	5	3	4	4	
SCR-541	1,000	400	0	0	Recently standardized and contracted.							
SCR-545	895	275	0	0	Recently standardized and contracted.							
SCR-547	812	812	0	0	Recently standardized and contracted.							
Gun-Laying												
SCR-296	175	175	1	0	0	0	0	0	5	5	10	
OCI Equipment												
SCR-527	400	399	0	0	Recently standardized and contracted.							
SCR-588	104	104	4	4	0	0	0	4	4	5	6	
Identification												
SCR-532	1,000	0	0	0	Development not complete.							
SCR-535	2,014	870	0	0	0	0	0	0	0	5	20	
Surface Craft Detector												
SCR-582	Equipment under development; requirements not yet determined.											
WIRE COMMUNICATION EQUIPMENT												
Coil C-114	100,391	48,380	44,332	46,930	8,921	2,500	5,098	0	2,048	500	0	
Coil C-161	20,060	7,539	7,321	7,321	0	0	0	0	200	18	0	
Reel Cart RL-16	8,527	527	0	527	New contract recently awarded.							
Reel Equipment CE-11	35,669	35,669	400	0	0	0	0	0	800	3,000	6,500	
Reel Unit RL-26A	6,555	6,179	5,328	5,311	99	16	235	0	250	300	303	
Reel Unit RL-31	21,294	15,413	13,493	13,350	1,619	4,004	820	0	1,560	360	0	
Switchboard												
BD-71	7,471	5,350	4,739	4,539	152	380	0	0	200	200	211	
BD-72	6,467	4,776	3,937	3,913	533	177	463	0	150	300	200	
BD-89	35	35	0	5	0	0	5	0	0	0	5	
BD-96	1,139	1,139	777	845	205	207	145	68	150	150	62	
Telegraph central office set TC-3												
	458	458	0	0	0	0	0	0	0	0	50	
Telegraph Printer set EE-97												
	1,744	792	100	475	0	0	345	130	200	300	192	
Telegraph set TC-5												
	15,311	7,014	4,237	5,263	48	476	428	480	500	600	600	
Telephone EE-8A												
	246,195	166,370	94,106	85,508	8,528	6,920	200	0	6,000	7,000	8,000	
Telephone set TP-4												
	728	668	165	165	0	128	37	0	303	60	0	
Telephone Central Office set												
TC-1	105	65	55	55	0	51	0	0	0	7	8	
TC-2	110	62	55	49	14	23	0	0	7	0	0	
TC-4	575	53	0	0	0	0	0	0	10	15	28	
Test set EE-65												
	7,482	2,437	2,402	2,437	427	0	0	0	0	0	0	
Wire W-110 (thousand miles)												
	1,446	795	365	339	11	81	34	15	100	100	20	
Wire W-130 (Miles)												
	101,079	101,079	10,367	10,101	1,865	4,522	1,818	1,132	5,300	7,000	7,000	
MISCELLANEOUS SIGNAL EQUIPMENT												
Cable, Submarine Mine (Thousand Ft.)												
	4,880	4,880	3,985	3,985	0	0	354	0	0	0	0	
Converter M-134												
	282	282	256	280	177	0	49	0	26	0	0	
Converter M-209												
	51,929	51,929	0	0	0	0	0	0	0	0	100	
Flash Ranging set GR-4												
	53	53	29	29	0	0	0	0	0	12	12	
Interphone equipment -												
Vehicular												
	4,977	4,977	3,492	4,206	200	0	714	0	200	600	685	
Signal Lamp Equipment EE-84												
	1,548	928	339	357	80	63	118	0	100	100	100	
Sound Ranging set GR-3												
	93	79	16	14	0	4	2	0	4	4	4	

* Includes procurement for other Services.

TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MARCH 31, 1942

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

Item	Acceptances				Schedules - Mar-July, 1942				
	Dec	Jan	Feb	Mar	Mar	Apr	May	Jun	Jul
Boat, power, with trailer	1	0	0	18	0	22	22	15	48
Bridge, steel, port., H-10	26	12	4	0	8	0	0	6	0
Bridge, steel, port., H-20	0	5	5	15	4	5	4	4	0
Compass, lensatic, w/case(rous)	13	1	2	0	15	15	15	15	15
Compressor, air, motorized	0	0	0	0	0	50	70	140	140
Crane, truck mounted	0	11	11	5	0	0	23	0	0
Electric lighting equip., 3 kva	0	0	0	0	40	20	0	0	0
Electric lighting equip., 5 kw	77	109	69	0	30	17	0	0	0
Explosive, ammonium nitrate(uns)	0	*	0	*	*	*	*	*	*
Explosive, TNT	*	*	0	*	*	*	*	*	*
Grader, road, motorized	0	0	0	0	20	20	20	20	20
Instruments, drawing, field	0	*	646	500	350	350	350	350	350
Searchlight, 24" beach defense	0	0	6	11	21	0	0	0	0
Searchlight, 60", AA	128	202	132	86	75	75	16	0	0
Shovel, gasoline, 1/2-yd	4	8	23	13	12	12	12	12	12
Shovel, gasoline, 3/4-yd.	0	0	2	0	2	0	0	0	0
Stereocomparagraph equipment	0	0	0	0	0	130	0	0	0
Stereoscope, mirror, w/bin.	316	311	209	36	200	256	75	75	71
Tractor, medium, w/angledozer	0	0	0	0	40	50	70	195	239
Trailer, light tractor	84	106	0	0	0	0	0	88	0
Transit, 1-minute	0	166	200	95	75	0	50	96	100
Transit, 20-second	113	50	0	50	100	133	184	50	13
Triangulation tower, port.	0	10	0	0	0	0	10	0	0
Water puri. unit, mobile	17	5	3	0	0	6	31	32	35
Welding and cutting set	0	0	0	0	0	50	200	0	0
Auger, earth, motorized	0	5	0	7	Schedule	Not	Available		
Footbridge, M-1938	30	22	0	0	Schedule	Not	Available		
Ponton bridge, 25-ton	11	3	4	3	Schedule	Not	Available		
Special equipment, shop co.	0	0	0	1	Schedule	Not	Available		
Trailer, searchlight	834	600	542	156	Schedule	Not	Available		

*Information Unavailable

TABULAR SUMMARY -- CORPS OF ENGINEERS -- (Continued)

PERCENT OF REQUIREMENTS ON HAND
ARMY OF 3,635,000 MEN

	Require- ments	PERCENT ON HAND
		0 20 40 60 80 100
Stereocomparagraph	261	51
Trailer for triangulation tower	145	51
Searchlight, 60", AA	5,243	51
Reprod. equip. Litho. plat.	6	50
Trailer for medium tractor	1,255	49
Mixer, concrete	262	48
Camera, copying, motorized	49	47
Map reprod. equip., mtzd.	109	47
Special equip., aviation	38	45
Stereoscope, Mag. mir. w/bin.	4,550	44
Dup. equip., 22"x33"	529	43
Welding and cutting sets	480	43
Elect. light. equip. 3 kva	1,447	39
Instruments, drawing, field set	12,978	21
Special equip., shop co.	10	20
Mobile reproduction train	6	17
Boat, power, with trailer	138	15
Searchlight, 24"	126	13
Bridge, steel, treadway	19	11
Theodolite	419	9
Boat, rubber, 15-man capacity	400	0
Boat, rubber, 6-man capacity	230	0
Saw, timber, gas motor operated	1,742	0
Semi-trailer, 1500 gal., water	378	0
Semi-trailer, flat bed, 20-ton	25	0
Dup. equip. gel., proc. 18"x18"	808	0

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED APRIL 9, 1942

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

PROGRAM STATUS: As of March 31, complete deliveries have been made on 49 of the 242 critical items and 9 of the 127 essential items being procured on 1941 and 1942 program.

CONTRACT STATUS: A total of 67 contracts were completed on critical items and 24 on essential items between March 23 and 31, 1942.

The Army Leg Splint, Half-ring, which has been far behind schedule for a long period, improved somewhat during the fourth quarter of March. Deliveries during the above period were 8,606, of which Harvey R. Pierce and Co. was credited with 8,500. This item is still 20,785 behind schedule. The principal cause of delay was difficulty in obtaining steel of the proper quality.

EUROPEAN TYPHUS: A telephonic report to the New York Times from Berne, Switzerland, April 4, states: Dr. Leonardo Conti, Reich Health Director, announced yesterday that spotted typhus was definitely on the decrease in Germany and German-occupied territory. He stated further that at the end of last year there were 165 cases among German civilians and 121 among Jews in the German Reich, and 34 German civilians and 2,750 Jews infected in Danzig, East Prussia and Posen. In February of this year there were only 53 new cases of Germans infected and 56 Jews in the Reich proper, and 43 German and 388 Jews in occupied territory. Preventive measures included the establishment of a veritable louse line of demarcation on the Eastern Front.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ending March 26, the percentage of sick within the continental limits of the United States was 3.47. There were 3.25 percent in hospital and .22 percent in quarters.

MEDICAL PROCUREMENT - SUMMARY - MARCH 31, 1942

Source of Information: Medical Department Procurement Progress Report

	Acceptances				Schedules - March-July, 1942				
	Dec	Jan	Feb	Mar 1-31	Mar	Apr	May	Jun	Jul
<u>FIRST AID DRESSINGS</u>									
Packet, first aid*	79	76	0	15	0	0	45	60	60
Dressing, 1st aid, 1g*	460	499	513	637	913	954	1,235	526	427
Dressing, 1st aid, sm*	200	213	82	233	543	329	1,499	2,869	49
<u>SURGICAL INSTRUMENTS</u>									
Forceps, hemo., 8 types	19,083	36,188	42,678	41,048	33,509	16,189	47,338	22,300	2,471
Forceps, hyst., P., cur.	4,199	3,046	924	372	0	0	8,249a		
Forceps, sponge	3,658	8,414	9,866	6,448	4,390	188	7,200b		
Forceps, towel, 2 sizes	2,856	2,136	4,140	4,576	4,632	500	13,193a		
Holder, needle, H.-M.	1,512	1,908	2,357	1,914	9,854	2,626a			
Scissors, bandage	6,816	10,758	15,791	12,212	7,452	25,400	41,147	2,100a	
Scissors, dis., cur. 5½"	0	0	500	1,266	3,540	1,534a			
Scissors, dis., str. 5½"	0	756	6,206	1,066	0	3,487a			
<u>HOSPITAL EQUIPMENT</u>									
Anesthesia app. N ₂ O	7	0	0	0	0	4	210	110	214
Phorometer	23	26	57	63	60	60	66	0	0
Sphygmomanometer, Hg.	0	6	0	0	0	0	3,000	4,000	4,205
Splint, T., arm, hinged	17,800	662	11,496	12,857	11,046	13,395	11,316	5,081	3,580
Splint, Army, leg, 2-r.	4,100	1,560	3,369	2,648	11,089	3,850	3,850	3,850	3,852
<u>X-RAY EQUIPMENT</u>									
Machine, radiographic	36	17	27	36	18	30	68	30	40
X-ray, field, generator	27	29	16	0	52	70	70	70	70
X-ray, f., mobile unit	102	0	29	158	45	0	0	25	200
<u>STERILIZERS</u>									
Hospital, complete	112	44	69	49	21	5b			
Hospital, utensil	70	502	786	458	784	391	1,089	761	884
<u>FIELD EQUIPMENT</u>									
Kit strap, canteen ring	0	0	12,150	20,033	0	0	37,000	46,617	41,119
Kit, insert Type I	0	5,008	2,218	8,750	13,600	1,600	11,600	11,600	16,443
Kit, insert Type II	0	0	900	2,000	1,000a				
Kit strap, litter	0	0	16,585	8,078	0	0	37,600	44,322	52,965
Kit pouch, canvas	600	799	0	13,200	33,000	18,000	38,000	38,000	42,003
Kit suspender	0	0	5,800	7,542	12,000	2,000	12,000	13,000	17,332
Chest, field, plain	1,237	167	525	1,109	480	1,101	1,399	4,000	3,142
Chest, field, modified	1,024	259	515	236	198	500	820a		
Litter, aluminum pole	1,076	0	0	0	1,684a				
Litter, folding	0	2,545	64	0	0	0	630	630	630

*Figures in thousands

(a) Completes program
(b) Completes contracts

MEDICAL DEPARTMENT - STATUS OF PROCUREMENT - MARCH 31, 1942

Source of Information: Medical Department Procurement Progress Reports

	Require- ments "Force A"	Percent of Requirements			
		Con	Due	Del	
<u>FIRST AID DRESSINGS</u>					
Packet, first aid	4,264,036	100	80	80	
Dressing, first aid, large	9,492,096	80	51	43	
Dressing, first aid, small	15,217,855	71	40	32	
<u>SURGICAL INSTRUMENTS</u>					
Forceps, hemostatic, 8 types	543,897	100	77	83	
Forceps, hyst., Pean, curved	43,852	80	41	62	
Forceps, sponge	106,030	95	80	85	
Forceps, towel, 2 sizes	105,271	100	100	100	
Holder, needle, Hegar-Mayo	35,775	100	99	78	
Scissors, bandage	211,996	95	62	62	
Scissors, dis., curved 5 1/2"	22,302	100	100	100	
Scissors, dis., straight 5 1/2"	15,310	100	100	100	
<u>HOSPITAL EQUIPMENT</u>					
Anesthesia apparatus, N ₂ O	1,101	99	38	38	
Phorometer	396	100	100	90	
Sphygmomanometer, mercurial	12,505	100	43	42	
Splint, Thomas, arm, hinged	86,655	98	75	51	
Splint, Army, leg, 1/2-ring	87,321	67	67	43	
<u>X-RAY EQUIPMENT</u>					
Machine, radiographic, 200ma	879	87	67	66	
X-ray, field, generator	1,135	71	21	6	
X-ray, field, mobile unit	2,295	70	28	32	
<u>STERILIZERS</u>					
Hospital, complete	1,359	75	74	72	
Hospital, utensil	10,963	70	48	40	
<u>FIELD EQUIPMENT</u>					
Kit strap, cantle ring	671,218	44	24	24	
Kit insert, Type I	359,600	33	24	20	
Kit insert, Type II	86,335	25	25	24	
Kit strap, litter	645,279	41	19	21	
Kit pouch, canvas	522,782	42	25	17	
Kit suspender	237,402	58	39	33	
Chest, field, plain	29,572	100	68	68	
Chest, field, modified	7,626	100	100	100	
Litter, aluminum pole	153,019	18	18	17	
Litter, folding	4,515	99	58	58	

*U.S. only

TEXT SUMMARY - C. W. S. - STATUS APRIL 3, 1942

Source of Information: Chemical Warfare Service Progress Reports

PRODUCTION: Chemical Warfare Service reports deliveries on twelve Critical and eleven Essential Items on the Expenditure Program.

GAS MASKS: Service Mask assemblies this week total 36,604 units. The production of Disphragm Masks, which was delayed due to a shortage of Angletubes, is expected to proceed in the near future.

Training Mask assemblies are temporarily delayed. The carrier for the mask is being redesigned. Reports from the field indicate that the lenses in the mask should be given added protection.

CHEMICAL AGENTS: There were 138 tons of Mustard Gas; 73 tons Phosgene; 70 tons Tear Gas, and 24 tons of Lewisite delivered during this report period.

PROTECTIVE AGENTS: Deliveries of 68 tons Impregnite "I"; 807,062 tubes of Shoe Impregnite, and 110,976 tubes of Protective Ointment were reported. Other deliveries include 11 tons Agent Bleach; 127 tons Solvents Impregnite "I"; 22,347 gallons Non-Corrosive Bleach, and 12,000 pints of Disinfectant for Gas Masks.

INCENDIARY BOMBS: An assembly of 344,540 Substitute Bombs and 33,612 Magnesium Bombs was reported for the week.

VARIOUS DELIVERIES: There were 615 Steel Containers; 100 Flame Throwers; 2,414 Chemical Mortar Shells, and 1,102 Mark-10 Airplane Tanks delivered. There were also 166 Protective Collectors and 466 Collector Canisters reported.

PENDING DIFFICULTIES: The Chemical Warfare Service has been authorized to procure complete equipment for twenty-eight Chemical Warfare Battalions. These units are in addition to the six battalions previously authorized.

The raw materials and machine tools necessary to furnish the weapons and ammunition for this authorization are difficult to secure. The A-1 rating held by the Service is totally inadequate.

CHEMICAL WARFARE SERVICE - PROCUREMENT SUMMARY - APRIL 3, 1942

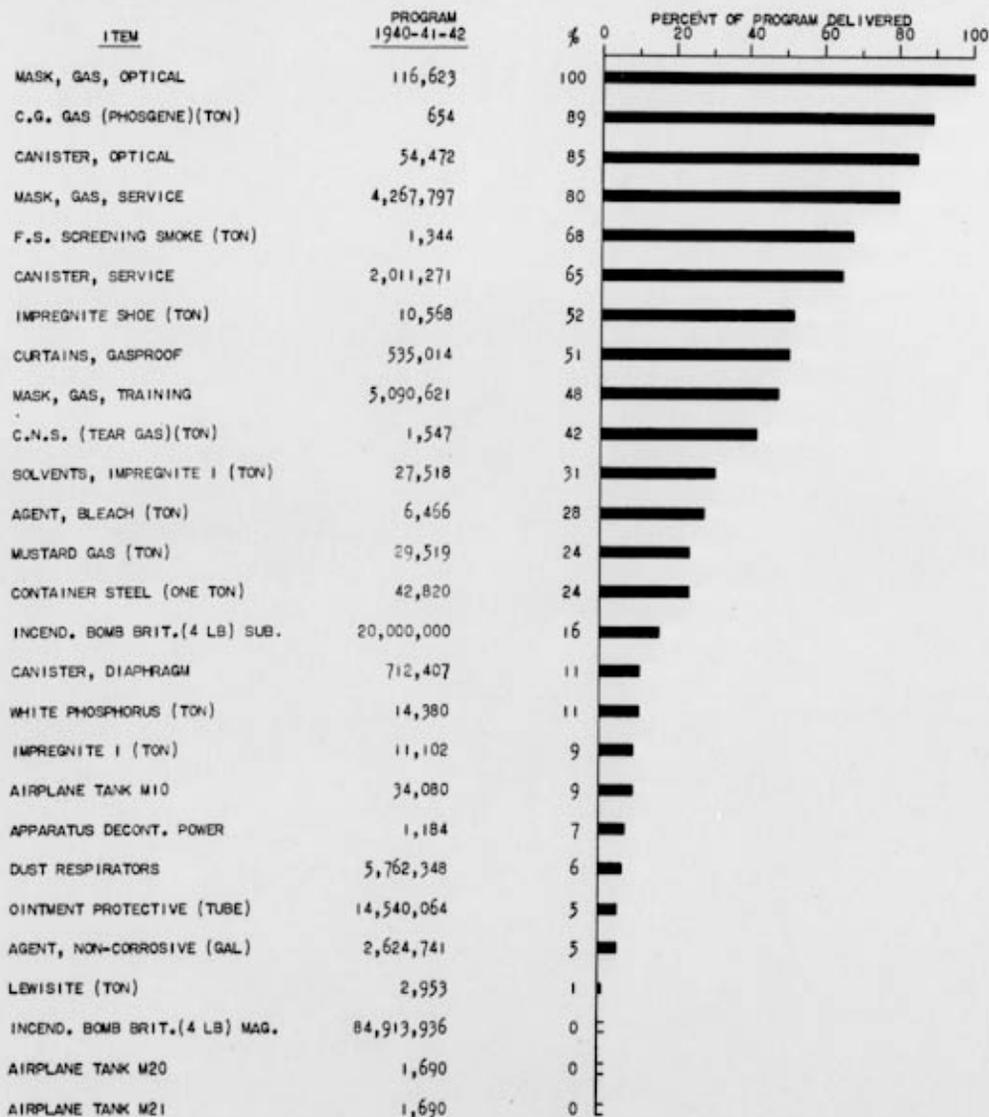
Source of Information: Chemical Warfare Service

Item	Acceptances					Schedules: April-July, 1942			
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
<u>CHEMICAL AGENTS (tons)</u>									
Lewisite Gas (Ml)	0	0	0	0	28	40	40	40	40
Mustard Gas (HS)	304	621	615	724	586	300	600	1,200	1,800
Screening Smoke (FS)	0	0	250	202	197	300	104	0	0
Tear Gas (CNS)	0	0	120	227	277	150	150	150	150
White Phosphorus (WP)	0	47	207	0	523	Procured as Needed			
<u>CHEMICAL AMMUNITION</u>									
Incend. Bomb Mg. (4 lb)*	0	0	0	0	111	160	160	160	160
Incend. Bomb Sub. (4 lb)*	0	38	246	780	1,911	4,000	4,000	4,000	4,000
Land Mines*	0	148	160	303	80	Not Scheduled			
Shells C.M.	9,708	0	0	0	3,419	15,000	48,000	48,000	48,000
Shells L.P.	0	0	3,548	0	0	5,000	5,000	5,000	5,000
<u>PROTECTIVE AGENTS</u>									
Agent Bleach (ton)	295	372	186	202	382	310	310	310	360
Agent Non-Corr. (gal)*	0	0	0	0	28	40	40	40	40
Impregnite "I" (ton)	7	5	48	152	217	300	500	500	500
Ointment, Prot. (tube)*	0	0	57	0	394	450	450	450	450
Shoe Impreg. (ton)	672	504	808	1,176	1,127	1,300	1,300	1,300	1,000
Solvents, Impreg. (ton)	893	1,599	1,365	880	1,202	850	850	850	850
<u>EQUIPMENT</u>									
Airplane Tanks M-10	417	252	0	0	1,650	850	850	6,850	6,090
Airplane Tanks M-20	0	0	0	0	0	156	0	0	50
Airplane Tanks M-21	0	0	0	0	0	156	0	0	0
Apparatus Decont. Power	0	0	0	0	67	160	160	160	160
Canister, Prot. Coll.	394	6	520	1,023	2,750	437	0	0	0
Canister, Svc. & Dia.*	34	156	190	254	247	240	240	164	0
Collector, Prot. Field	0	0	192	605	1,334	500	169	0	0
Containers, Steel	941	806	550	1,112	1,663	2,000	2,000	2,000	2,000
Curtains, Gasproof*	29	63	78	63	29	65	65	65	65
Decont. Equip. (1½ qt)*	0	28	12	20	25	57	78	78	78
Field Laboratories	4	0	0	0	0	0	0	0	0
Flame Thrower	0	0	0	48	427	250	253	---	---
Mask, Gas, Diaphragm*	67	94	104	21	8	30	30	30	30
Mask, Gas, Service*	168	183	154	175	146	140	140	140	140
Mask, Gas, Training*	38	159	150	141	105	100	250	400	400
Respirators, Dust*	25	35	14	0	4	131	500	500	500
Sets, Ident. Deton.	790	293	281	1,979	0	---	---	---	---

* Figures in thousands
 --- Program complete

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - APRIL 3, 1942

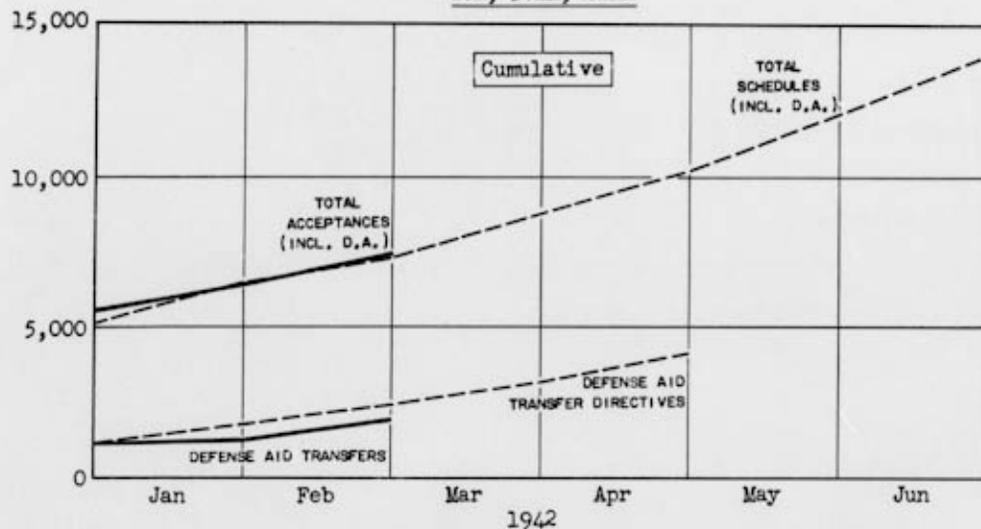
Source of Information: Chemical Warfare Service



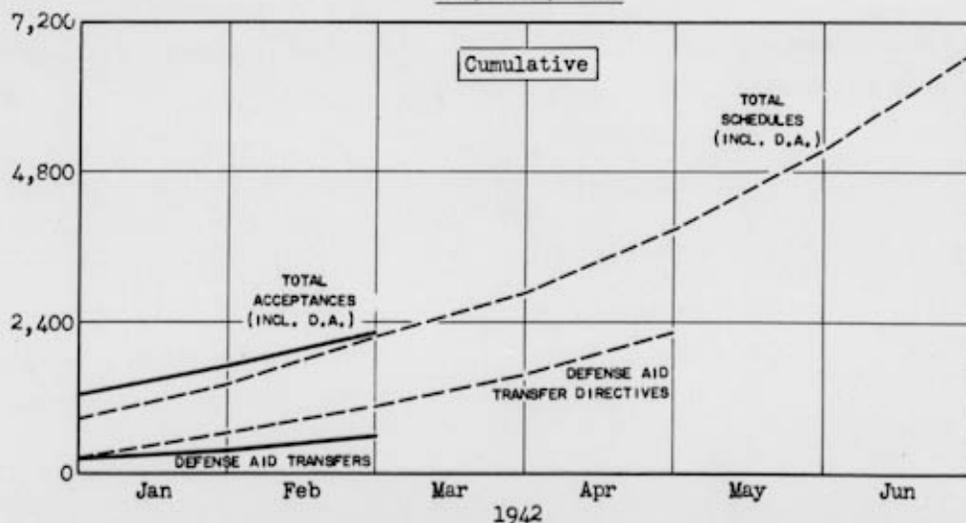
TOTAL TANK GUNS ACCEPTED AND SCHEDULED AND THOSE DIVERTED TO DEFENSE AID - FEB. 28, 1942

Source of Information: Ordnance Department and Office of Defense Aid Director

GUN, 37MM, TANK



GUN, 75MM, TANK



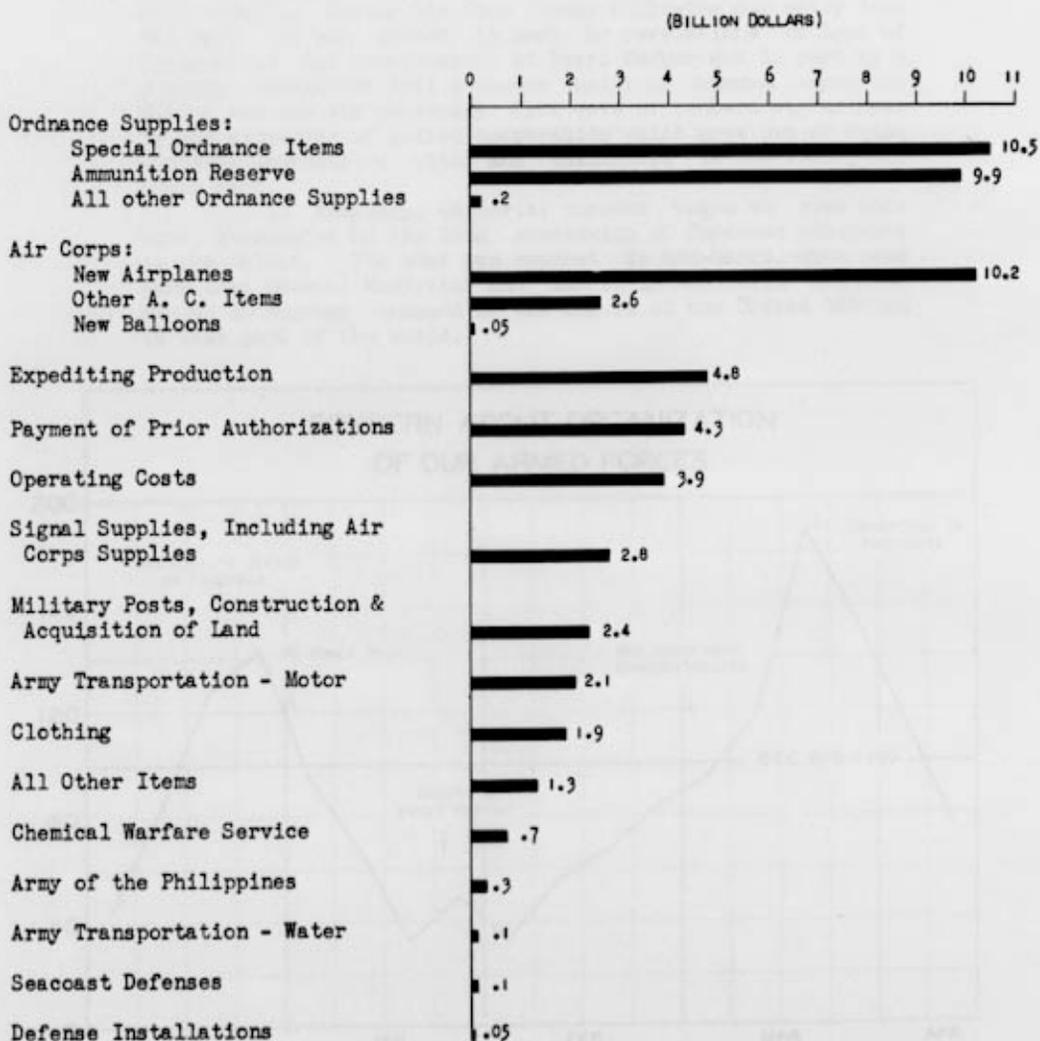
DEFENSE AID - REQUESTS AND TRANSFERS - AMMUNITION - FEBRUARY 28, 1942

Source of Information: Office of Defense Aid Director, and Ordnance Department

Item	Quantity requested thru Feb 28	Transferred thru Feb 28	Per Cent of Total Requested						
	THOUSANDS	THOUSANDS	%	0	20	40	60	80	100
<u>ARTILLERY</u>									
Shell, HE, 75mm, reduced charge, M48	157	157	100						
Charge, prop., reduced, 155mm how., M1A1	254	210	83						
Charge, prop., normal, 155mm how., M2	630	397	63						
Shell, HE, 155mm how., MK IAI	95	47	49						
Shell, fixed, HE, 75mm, nc, M48	1,331	313	24						
Shell, AC, 20mm, practice	30,000	5,610	19						
Shot, semi-AP, 75mm, M72	737	44	6						
Shell, HE (AC, T&AT) 37mm	408	18	4						
Shot, fixed, AP, 37mm, M51	6,339	244	4						
<u>BOMBS</u>									
Bomb, HE, AC, general purpose, 250#	102	50	49						
Bomb, demolition, 500#, M43	6	2	33						
<u>SMALL ARMS</u>									
Cartridge, rifle grenade, cal. 30	7,626	6,626	87						
Cartridge, cal. 22, long rifle, ball	70,010	60,010	86						
Cartridge, cal. 30, ball, M2	1,103,988	51,041	5						
Cartridge, cal. 50, tracer, M1	31,723	1,333	4						
Cartridge, cal. 30, AP, M2	586,230	10,734	2						
Cartridge, cal. 30, tracer, M1	232,599	5,490	2						
Cartridge, cal. 45, ball, M1911	954,699	19,373	2						
Cartridge, cal. 50, AP, M1	78,631	1,802	2						
Cartridge, cal. 50, ball, M1	25,340	151	1						

MILITARY APPROPRIATIONS - FISCAL YEAR 1942 (Including 5th Supplemental)

Source of Information: Official Records

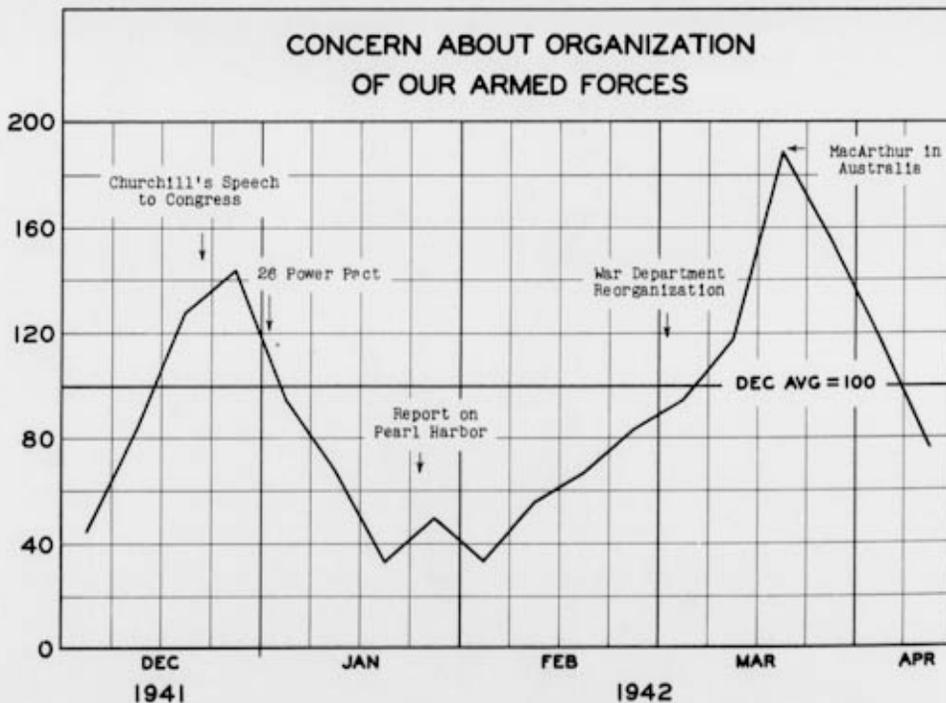


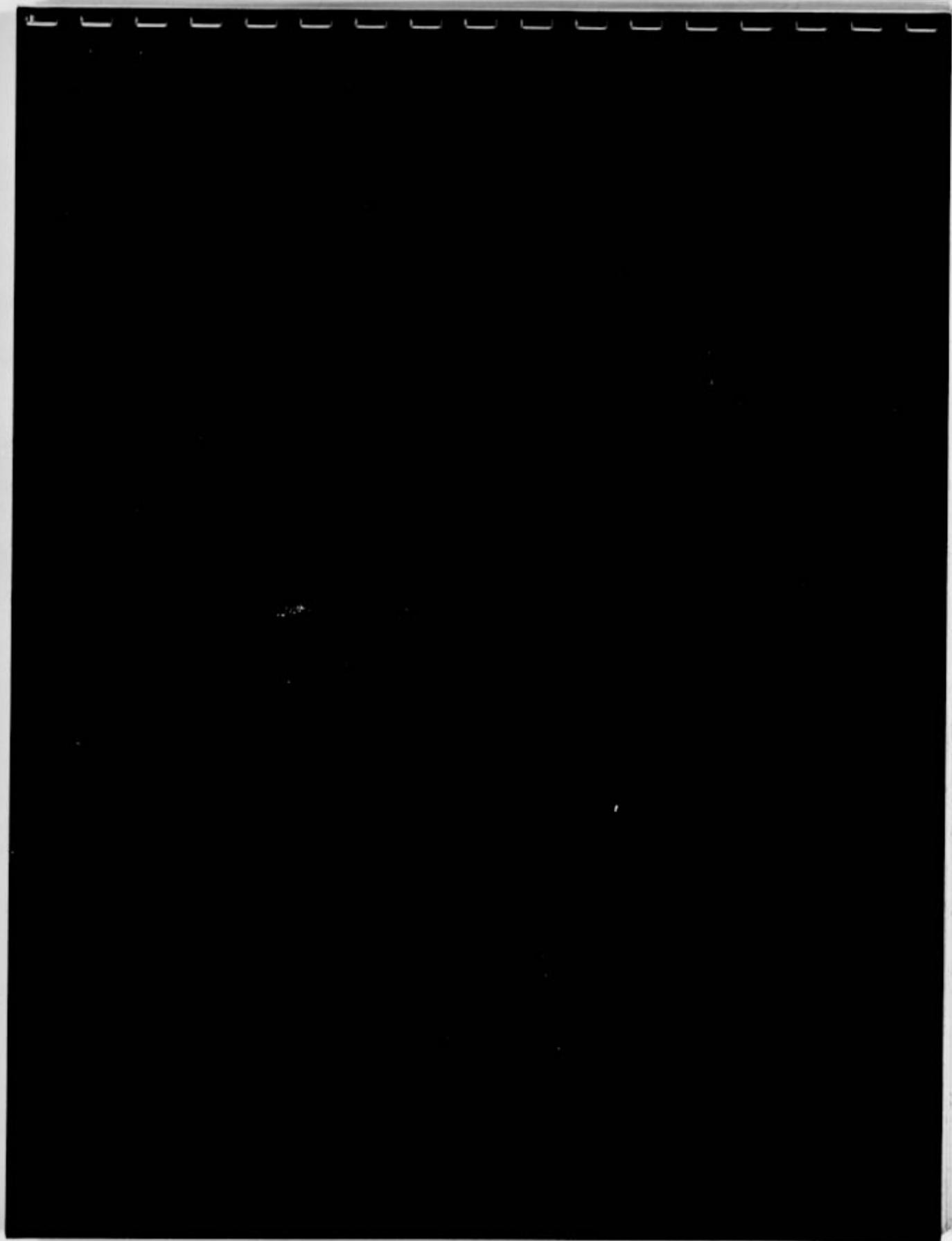
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Talled from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistical Services, April 8, 1942

There have been two major waves of editorial concern about the organization of our armed forces. The first wave rose steadily during the four weeks following our entry into the war. It was caused in part by revelations of lack of preparation and coordination at Pearl Harbor and in part by a growing conviction that a closer unity of command among the allied nations was necessary. This wave of concern was allayed by the evidences of allied cooperation which grew out of Prime Minister Churchill's visit and culminated in the Twenty-Six Power Pact.

In February, editorial concern began to rise once more, stimulated by the long succession of Japanese conquests in the Orient. The peak was reached in mid-March, when news came that General MacArthur had landed in Australia and been placed in supreme command of the forces of the United Nations in that part of the world.





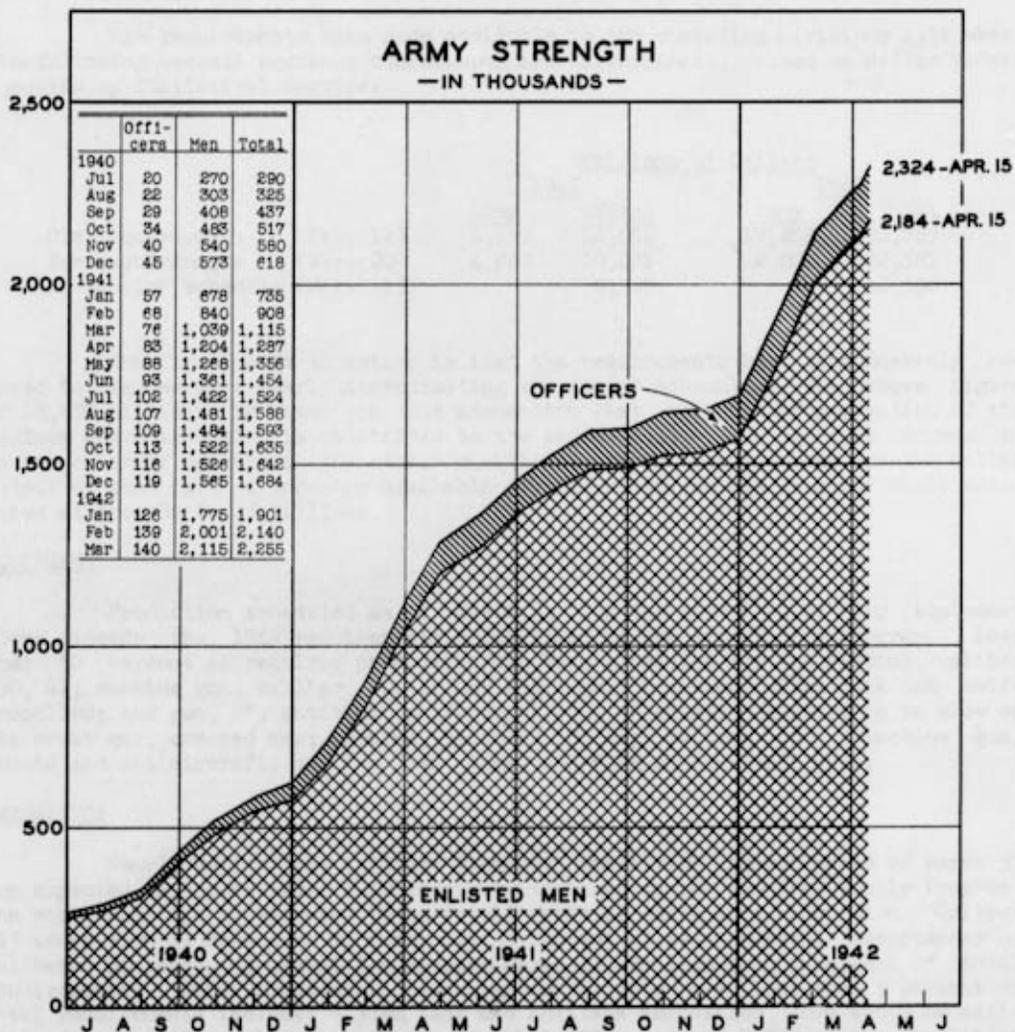
WEEKLY STATISTICAL SUMMARY
 REPORT NO. 42
APRIL 16, 1942

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SECRET

ARMY STRENGTH - APRIL 15, 1942

Source of Information: Statistics Branch, General Staff



SECRET

TEXT SUMMARY - ORDNANCE DEPARTMENT - APRIL 16, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

NEW REQUIREMENTS

New requirements were made available to the operating divisions last week. The following overall ordnance comparisons are significant, based on dollar values computed by Statistical Service:

	Millions of Dollars			
	1942		1943	
	Army	Total	Army	Total
Old requirements (Feb. 11)	5,959	14,694	17,808	32,767
New requirements (Mar. 20)	4,840	10,031	12,000	22,581
Production schedule (Mar. 1)		8,707		18,850

The first point to notice is that the requirements have been markedly reduced to figures more nearly approximating the amount scheduled. The above figure of 18,850 millions is based on the assumption that the rate of production of the maximum month scheduled is maintained to the end of 1943. The ordnance program is on the order of one third the total munitions program, yet the peak pre-war dollar output of that part of industry available for all munitions has been variously estimated at from 30 to 45 billions.

EQUIPMENT

Production scheduled as of March 31 for the majority of key equipment items exceeds the 1942 requirements established by the Army Supply Program. Less than 50 percent of required production has been scheduled for the carbine, caliber .30, M1; machine gun, caliber .30, ground and tank; howitzer, 75mm pack and self-propelled; and gun, 3", antitank, self-propelled. Production appears to be slow on the scout car; armored car; carbine, caliber .30, M1; caliber .50 machine gun, ground and antiaircraft; and the 37mm, 40mm, and 90mm antiaircraft guns.

AMMUNITION

Nearly half of the critical items of ammunition scheduled as of March 31 are expected to exceed their 1942 requirements based on the new Army Supply Program. The worst shortage is expected to be in all types of small arms ammunition. Caliber .45 ammunition is scheduled to meet only 33 percent of requirements. Acceptances of calibers .30 and .45 ammunition through March 31 are less than 5 percent of total requirements. Other items whose acceptances to date are less than 5 percent of total requirements include: 37mm tank and antitank ammunition, 40mm and 90mm anti-aircraft ammunition, rifle grenades, and the 1,000 pound and 2,000 pound demolition bombs. Also of significance is the fact that the acceptances of lighter demolition bombs are meeting a much higher percent of requirements. The bomb body is limiting the loading of the heavier bombs.

STATUS OF TANKS WITH TROOPS - MARCH 31, 1942

Source of Information: Statistics Branch, General Staff & Statistical Service, SOS

This table shows the status of standard tanks with the troops by organization. The exact nature of each shortage in armament is not known. Shortages can exist in any of these items: 75mm gun, 37mm gun, cal.50 machine guns, or cal. .30 machine guns. As of March 31, 1942 available machine guns on hand, except cal.50 HB flexible, were in excess of all requirements including those for tanks, personnel carriers and armored cars. Stocks of the cal.50 HB are greater than tank requirements alone. Reports as of that date were that 37mm tank gun production was 2,070 units above requirements based on tanks produced, and that 75mm gun production was only 84 units behind the corresponding tank requirement.

There is a large lag between production and distribution of 37mm guns. At the end of March, acceptances were 2,844 units above reported distributions to the Army and others. The same figure at the end of January was 3,156. At the end of February, 75mm gun distributions were 510 units behind production, but at the end of March only 131.

		LIGHT		MEDIUM	
		Total	Armed	Total	Armed
With Troops					
Armored Divisions	1st	158	158	235	69
	2nd	158	139	231	147
	3rd	233	19	74	4
	4th	159	45	94	0
	5th	138	103	0	0
	6th	54	8	0	0
Tank Battalions	70th	36	36		
	191st	2	0	1	0
	192nd	54	54		
	193rd	71	71		
	194th	54	54		
	751st			54	7*
	752nd			54	46
	753rd			36	17
	754th	59	59		
	755th			34	0
	756th	54	54		
	757th	54	54		
	758th	54	0		
759th	54	54			
760th			54	4	
Cavalry Divisions	1st	13	13		
	2nd	0	0		
Armored Force School		109*	3*	65*	19*
Replacement Center		38*	0*		
Hq. Co. 1st Tank Group				1	0
In Depots		281	0*	263	0*
TOTAL		1,833	924	1,196	313

* Preliminary figures.

MONTHLY ACCEPTANCES - EQUIPMENT - MARCH 31, 1942

Source of Information: Ordnance Department

	AIRCRAFT ARMAMENT				ANTIAIRCRAFT				ARTILLERY				
	MACH GUN	MACH GUN	GUN	GUN	GUN	GUN	GUN	MACH GUN	HOW	HOW	GUN	MODERNIZATION	
	CAL. 30	CAL. 50	20MM AUTO	37MM AUTO	90MM	40MM	37MM	CAL. 50 WC	75MM	105MM	155MM	CARRIAGE	CARRIAGE
												75MM GUN	155MM HOW
1940													
JUL	0	0	0	0	0	0	0	0	0	0	0	35	0
AUG	762	0	0	0	0	0	0	0	0	0	0	23	0
SEP	1,010	277	0	0	0	0	0	76	6	0	0	84	0
OCT	751	1,783	0	0	0	0	99	20	10	0	0	36	0
NOV	0	326	0	0	0	0	49	0	5	0	0	31	0
DEC	0	550	0	0	0	0	34	0	15	0	3	45	35
1941													
JAN	387	130	0	0	0	0	40	0	15	0	4	8	127
FEB	350	0	0	0	1	0	27	0	8	0	1	42	99
MAR	620	998	0	7	5	0	50	0	6	0	1	56	115
APR	620	614	0	1	0	0	43	100	17	25	1	16	101
MAY	512	1,061	0	6	8	0	84	150	19	18	8	46	100
JUN	625	1,588	0	30	1	0	40	322	17	18	2	70	80
JUL	500	3,175	0	50	10	0	10	0	6	0	0	68	120
AUG	984	4,912	5	12	23	0	0	600	39	9	7	143	80
SEP	625	6,330	50	25	21	0	8	583	73	71	4	92	80
OCT	1,681	6,473	0	28	34	0	0	480	60	144	6	108	80
NOV	1,177	4,940	188	56	21	0	13	523	93	189	3	31	100
DEC	3,636	10,712	1,152	165	47	0	23	917	69	123	25	13	80
1942													
JAN	5,707	9,494	2,405	250	75	0	9	524	118	275	23	0	70
FEB	4,440	15,197	2,826	267	74	0	40	784	106	367	28	0	30
MAR	6,090	15,530	3,912	360	84	65	51	1,135	68	693	31	0	68
	INFANTRY ARMAMENT						COMBAT VEHICLES						
	RIFLE CAL. 30 M1	MACH GUN CAL. 30	MACH GUN CAL. 50	GUN 37MM ANTITANK	MORTAR 60MM	MORTAR 81MM	TANK LIGHT	TANK MED	CAR HALF TRACKS	SUBMACH GUN CAL. 45	GUN 37MM TANK	GUN 75MM TANK	
1940													
JUL	5,290	434	0	20	6	32	0	0	0	13	50	0	
AUG	7,598	283	0	75	177	50	0	0	0	0	56	0	
SEP	8,075	1,455	0	92	137	70	0	0	0	0	34	0	
OCT	10,480	401	707	111	169	38	0	0	0	562	14	0	
NOV	11,203	0	0	43	144	83	0	0	0	644	12	0	
DEC	13,812	476	0	15	142	63	0	0	0	1,802	0	0	
1941													
JAN	14,718	3,022	0	40	262	51	0	0	0	1,131	57	0	
FEB	13,335	3,620	33	0	454	39	0	0	0	793	134	1	
MAR	16,450	4,621	80	2	410	48	0	0	0	3,797	153	0	
APR	18,800	5,542	101	57	553	2	127	1	0	359	335	3	
MAY	22,000	4,620	0	12	604	182	212	0	2	4,568	425	10	
JUN	25,950	6,081	1	63	836	238	210	9	397	5,498	622	36	
JUL	30,000	6,286	1	72	1,064	221	264	26	812	34,947	571	52	
AUG	30,760	4,601	237	188	290	256	281	70	732	24,853	634	78	
SEP	26,970	4,663	876	366	397	349	309	203	766	25,840	502	132	
OCT	31,049	2,579	829	555	567	455	400	249	985	42,930	735	241	
NOV	29,110	3,874	0	451	435	391	338	325	713	27,088	329	292	
DEC	36,530	5,167	291	446	352	129	410	490	1,018	41,644	586	371	
1942													
JAN	40,330	7,429	1,100	609	424	195	378	576	1,051	39,716	885	477	
FEB	40,260	6,389	1,656	639	300	345	363	630	942	45,783	942	533	
MAR	49,180	10,849	2,656	394	379	286	418	672	672	41,766	1,496	796	

Note: Gun figures are factory acceptances, not proof-fired acceptances. Items include Army, Navy and Defense Aid.

EQUIPMENT PROCUREMENT - SUMMARY - APRIL 7, 1942

Source of Information: Ordnance Department

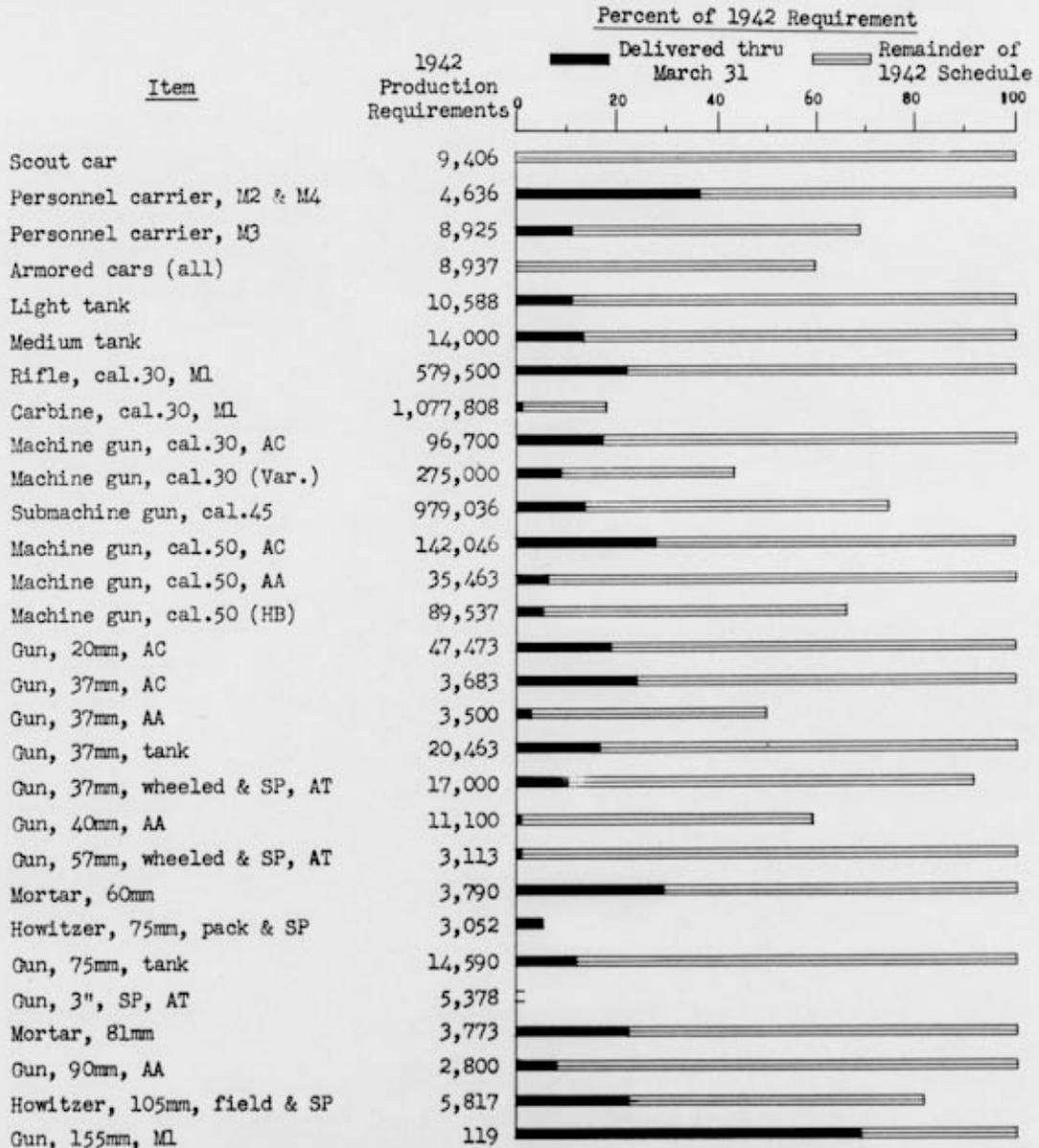
Item	Acceptances			Schedules		
	Feb	Mar	Apr 1-7 (a)	Apr	May	Jun
<u>COMBAT VEHICLES</u>						
Scout car	0	0	0	650	800	1,187
Personnel carrier, M2 & M4	587	480	12	500	441	524
Personnel carrier, M3	335	192	30	475	551	550
Armored cars (all)	0	0	0	0	0	5
Tank, light	363	418	130	440	515	660
Tank, medium	630	672	164	950	1,180	1,580
Tank, heavy	0	0	0	0	3	4
<u>SMALL ARMS</u>						
Rifle, cal.30, M1	40,260	49,180	11,590	52,500	55,000	56,000
Carbine, cal.30, M1	20	0	0	0	500	1,105
Machine gun, cal.30, AC	4,440	6,090	1,727	7,240	8,970	9,740
Machine gun, cal.30 (Var.)	6,389	10,849	2,728	10,350	10,750	11,600
Submachine gun, cal.45	45,783	41,766	11,401	58,200	60,000	52,500
Machine gun, cal.50, AC	15,197	15,530	3,224	14,104	15,181	15,948
Machine gun, cal.50, AA	784	1,135	300	2,780	3,345	3,670
Machine gun, cal.50, HB	1,656	2,656	568	2,490	2,570	3,950
<u>ARTILLERY</u>						
Gun, 20mm, AC	2,826	3,912	813	4,362	4,736	5,900
Gun, 37mm, AC	267	360	90	400	425	600
Gun, 37mm, AA	40	51	1	100	150	200
Gun, 37mm, tank	942	1,496	79	1,527	1,800	1,874
Gun, 37mm, AT, wheeled	639	394	156	685	1,036	1,199
Gun, 37mm, AT, self-propelled	168	456	0	376	0	0
Gun, 40mm, AA	0	65	6	66	100	817
Gun, 57mm, AT, wheeled	0	2	0	85	200	370
Gun, 57mm, AT, self-propelled	0	0	0	0	0	0
Mortar, 60mm	300	379	73	700	825	825
Howitzer, 75mm, field & pack	59	0	0	0	0	0
Howitzer, 75mm, self-propelled	47	68	10	0	0	0
Gun, 75mm, tank	533	796	195	1,070	1,254	1,570
Gun, 3", tank	0	0	0	0	0	0
Gun, 3", AT, wheeled	0	0	0	0	0	0
Gun, 3", AT, self-propelled	0	0	0	0	0	0
Mortar, 81mm	345	286	15	351	361	425
Gun, 90mm, AA	74	84	19	140	181	245
Howitzer, 105mm, field	367	479	88	456	402	456
Howitzer, 105mm, self-propelled	0	214	44	156	156	24
Howitzer, 155mm, new	0	0	0	0	0	0
Gun, 155mm, M1	28	31	2	30	30	30

(a) Preliminary.

Note: Items include Army, Navy and Defense Aid.

EQUIPMENT - 1942 PRODUCTION REQUIREMENTS - MARCH 31, 1942

Source of Information: Ordnance Department and General Staff

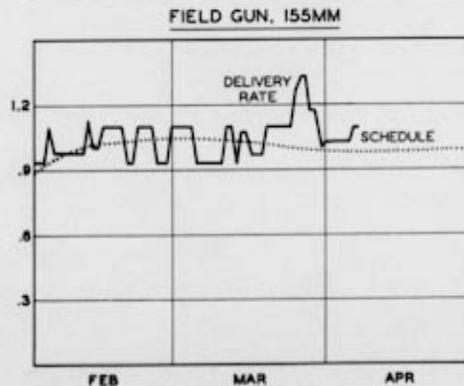
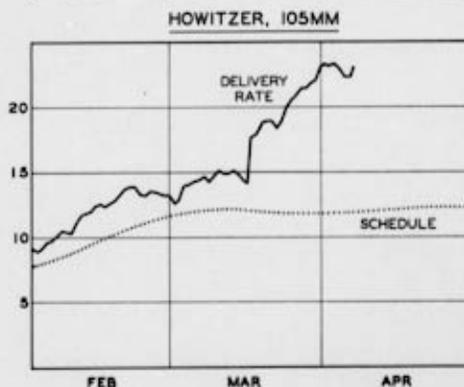
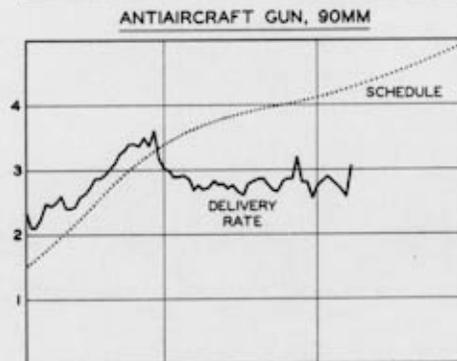
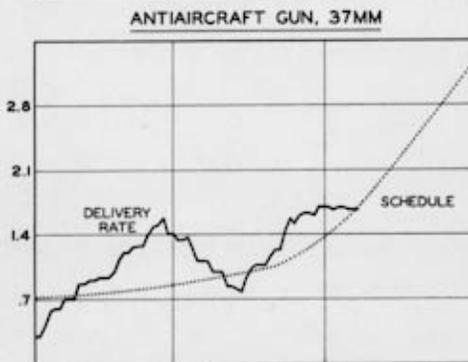
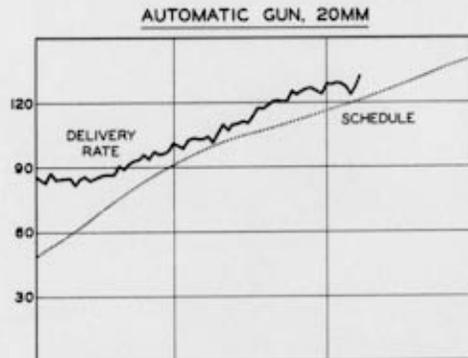
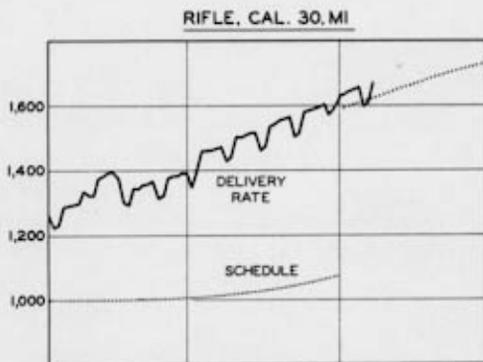


Note: Items include Army, Navy and Defense Aid.

DAILY RATES - ORDNANCE PROCUREMENT - APRIL 7, 1942

Source of Information: Ordnance Department

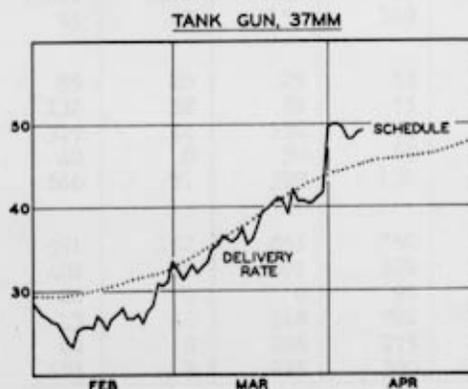
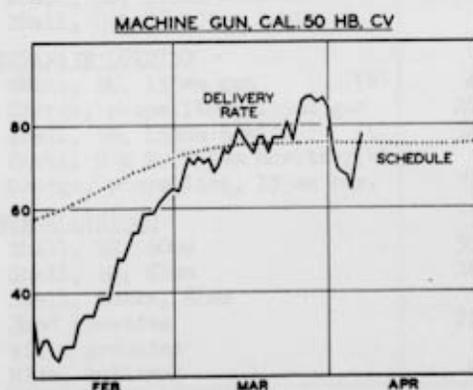
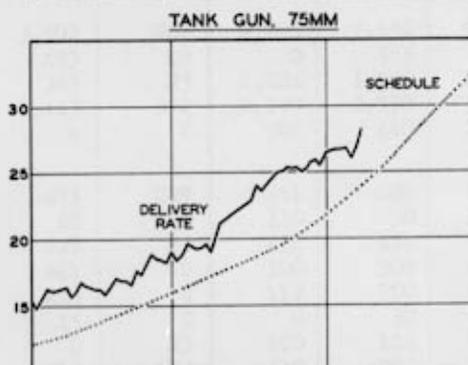
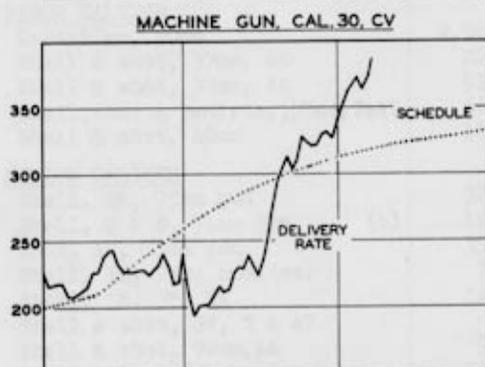
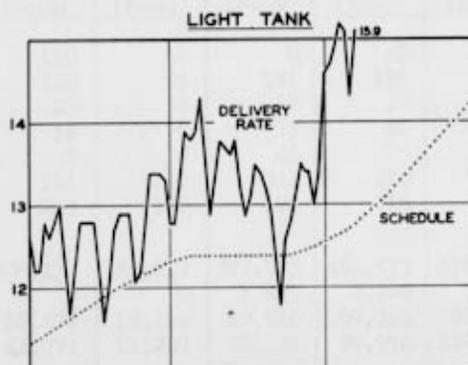
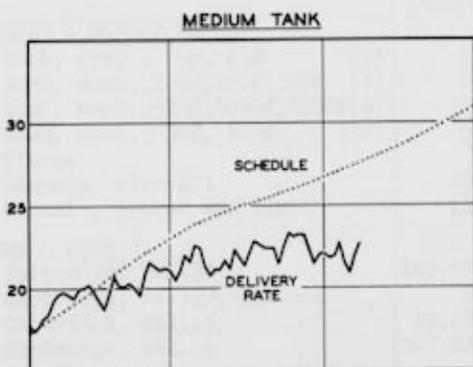
Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



DAILY RATES - ORDNANCE PROCUREMENT - APRIL 7, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



AMMUNITION PROCUREMENT - SUMMARY - APRIL 7, 1942

Source of Information: Ordnance Department

Item	Acceptances			Schedules		
	Feb (Thous)	Mar (Thous)	Apr 1-7 (a) (Thous)	Apr (Thous)	May (Thous)	Jun (Thous)
<u>BOMBS & PYROTECHNICS</u>						
Bomb, frag., 20#, 23# (b)	79	110	0	0	40	256
Bomb, demo., 100#, 250#, 300# (b)	57	318	55	181	195	220
Bomb, demo., 500#, 1000#, 2000# (b)	58	23	4	32	40	68
Bomb, chem., 30#, 100# (bc)	51	58	6	75	89	85
Flares	5	9	0	84	95	107
Signals, aircraft	257	161	0	351	410	413
Signals, ground and light	414	245	190	624	716	750
<u>SMALL ARMS</u>						
Cartridge, cal.30	185,591	306,171	82,817	397,603	461,573	516,893
Cartridge, cal.30, carbine	34	0	0	1,825	2,400	3,400
Cartridge, cal.45	49,180	65,676	19,490	67,510	69,314	99,650
Cartridge, cal.50	27,827	44,775	11,229	69,181	89,974	122,599
<u>MINOR CALIBER</u>						
Cartridge, 20mm	2,963	3,592	966	4,795	7,650	9,500
Shell & shot, 37mm, AC	228	453	49	0	555	50
Shell & shot, 37mm, AA	910	383	23	1,024	1,200	1,100
Shell, shot & canister, 37mm, T&AT	666	1,443	672	2,109	2,750	3,400
Shell & shot, 40mm	108	0	0	302	460	1,030
<u>MEDIUM CALIBER</u>						
Shell, HE, 75mm gun	327	473	229	451	480	500
Shell, G & S, 75mm gun (b)	141	62	0	110	50	26
Shot, AP, 75mm gun	336	227	83	454	431	650
Shell, HE, 75mm howitzer	10	641	0	500	300	200
Shell, HE, 3", AA	147	226	2	112	100	100
Shell & shot, 3", T & AT	0	15	0	0	30	140
Shell & shot, 90mm, AA	97	0	23	100	144	150
Shell, HE, 105mm howitzer	463	810	100	648	800	970
Shell, G & S, 105mm howitzer	0	85	69	154	169	170
<u>SEPARATE LOADING</u>						
Shell, HE, 155mm gun (b)	46	55	20	25	45	88
Charge, propelling, 155mm gun	203	132	38	89	55	55
Shell, HE, 155mm howitzer (b)	310	319	44	336	291	350
Shell, G & S, 155mm howitzer (b)	2	40	0	30	65	60
Charge, propelling, 155mm how.	779	646	77	399	130	165
<u>MISCELLANEOUS</u>						
Shell, HE, 60mm	356	591	152	855	750	750
Shell, HE, 81mm	263	402	58	601	530	530
Shell, smoke, 81mm	0	20	0	0	90	100
Hand grenades	212	13	40	348	701	1,205
Rifle grenades	0	80	0	196	275	280
Mine, antitank	49	125	9	275	300	300

(a) Preliminary.

(b) Unfuzed.

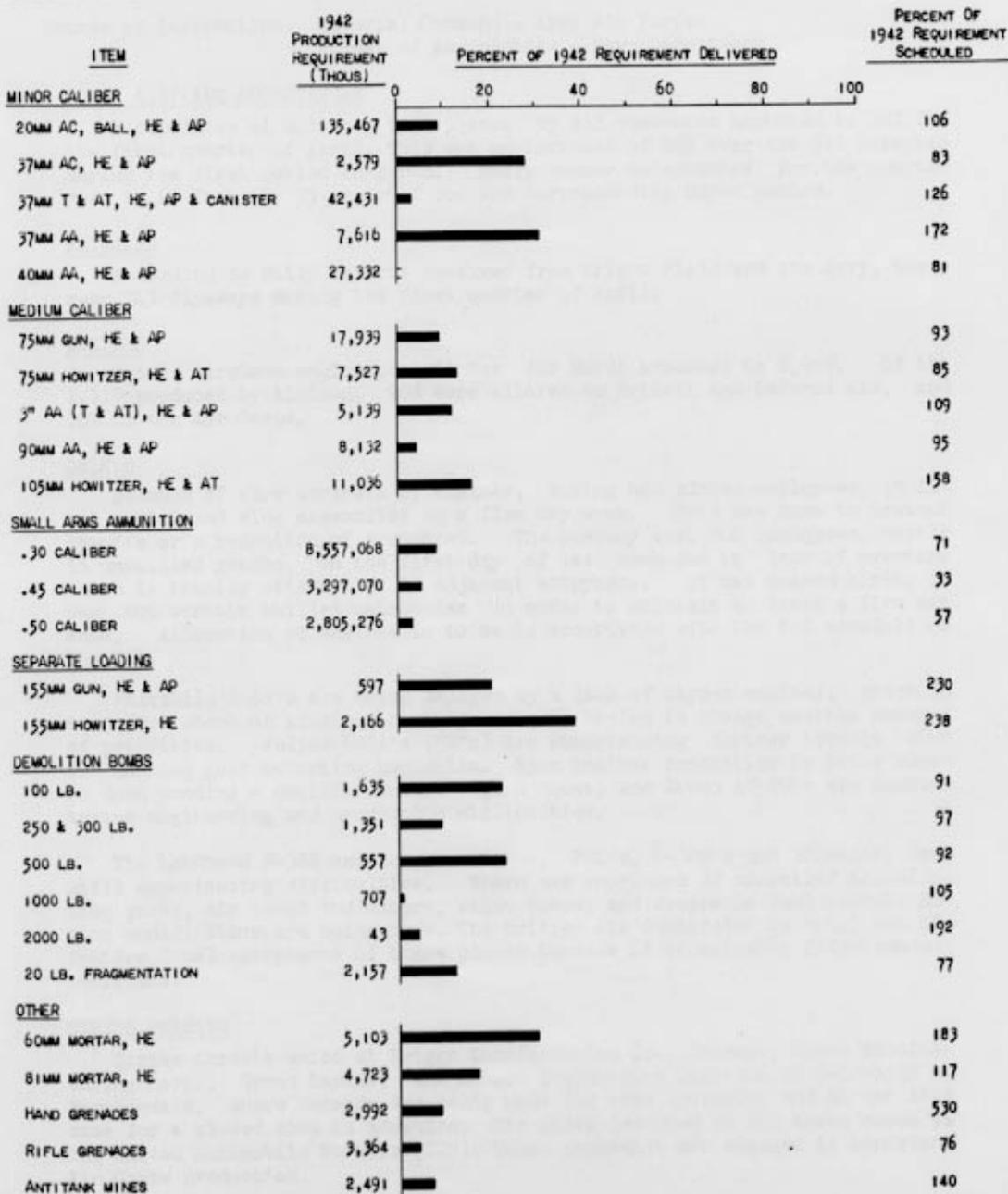
(c) Unfilled.

Note: Items include Army, Navy and Defense Aid.
Ordnance

Statistical Service
SOS - 4-16-42

AMMUNITION - 1942 PRODUCTION REQUIREMENTS - MARCH 31, 1942

Source of Information: Ordnance Department and General Staff



NOTE: ITEMS INCLUDE ARMY, NAVY AND DEFENSE AID

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Command - Army Air Forces
Bureau of Aeronautics - Navy Department

U. S. AIRPLANE ACCEPTANCES

Acceptances of military type planes by all customers amounted to 721 for the first quarter of April. This was an increase of 28% over the 565 accepted during the first period in March. Heavy bomber acceptances for the quarter rose to 46 from the 39 reported for the corresponding March period.

FLYAWAYS

According to daily reports received from Wright Field and the Navy, there were 743 flyaways during the first quarter of April.

ENGINES

Total airplane engine acceptances for March amounted to 8,969. Of the 1,117 produced by Allison, 90% were allotted to Britain and Defense Aid, and 10% to the Air Corps.

DELAYS

Because of slow arrivals of engines, Boeing has placed employees in final engine and wing assemblies on a five day week. This was done to prevent layoffs or a reduction of personnel. The Company lost 300 employees, mostly in unskilled grades, on the first day of last week due to lack of overtime which is readily obtainable in adjacent shipyards. It has ceased hiring in any but certain skilled categories in order to maintain at least a five day week. Allocation of engines is to be in accordance with the 8-I schedule of the WPB.

Fairchild C-61's are being delayed by a lack of Warner engines, which in turn are short of aluminum castings due to having to change sources because of priorities. Vultee A-31's (72's) are experiencing further trouble with the landing gear actuating mechanism. Ryan trainer production is being slowed down pending a decision on the engine mount, and Beech AT-10's are encountering engineering and production difficulties.

The Lockheed P-38E and its variations, F-4's, P-38F's and 322-61's, are still experiencing difficulties. There are shortages of propeller installation parts, air speed indicators, pilot tubes, and droppable fuel tanks. Engine modifications are being made. The British Air Commission is still not effecting final acceptance of these planes because of undesirable flight characteristics.

STRIKE THREATS

Strike threats exist at Briggs Manufacturing Co., Detroit; Hayes Manufacturing Corp., Grand Rapids; and Ranger Engineering Division of Fairchild at Farmingdale, where demands are being made for wage increases and in the last case for a closed shop in addition. The Union involved in all three cases is the United Automobile Workers (CIO). These companies are engaged in important Air Corps production.

TABULAR SUMMARY - ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 8, 1942

Source of Information: Materiel Command - Army Air Forces
8-I - War Production Board

Type	On hand Jan 1, 1942	Req Prod 1942(a)	Accepted Jan 1, 1942 To Date	April Army Acceptances				Total
				Quarter Monthly				
				1-8	9-15	16-23	24-30	
Heavy bomber	295	1,871	418	46				46
Medium bomber	827	2,402	332	41				41
Light bomber	799	2,327	11	0				0
Pursuit, 2-eng.	209	1,321	238(b)	3				3
Pursuit, 1-eng.	2,172	7,177	463	4				4
Total Combat	4,302	15,098	1,462	94				94
Observation (c)	706	2,359	885(b)	90				90
Transport	224	980	133	16				16
Total Service Combat	930	3,339	1,018	106				106
Total Tactical	5,232	18,437	2,480	200				200
Adv. trainer, 2-eng.	286	2,800	624	44				44
Adv. trainer, 1-eng.	1,315	2,058	547	55				55
Basic trainer	2,296	3,663	1,094	91				91
Primary trainer	3,601	3,410	1,048	72				72
Total Trainer	7,498	11,931	3,313	262				262
Grand Total	12,730	30,368	5,793	462				462

Type	Monthly Army Acceptances						
	Actual			Estimated(d)			
	Jan 1942	Feb 1942	Mar 1942	Apr 1942	May 1942	Jun 1942	Jul 1942
Heavy bomber	82	134	156	170	179	110	38
Medium bomber	19	72	200	193	185	235	276
Light bomber	3	6	2	78	123	179	257
Pursuit, 2-eng.	22(b)	113(b)	100(b)	101	116	122	98
Pursuit, 1-eng.	250	78	131	99	162	258	310
Total Combat	376	403	589	641	765	904	979
Observation (c)	183(b)	293(b)	319(b)	403	400	161	0
Transport	28	36	53	103	102	96	88
Total Service Combat	211	329	372	506	502	257	88
Total Tactical	587	732	961	1,147	1,267	1,161	1,067
Adv. trainer, 2-eng.	134	214	232	282	256	211	240
Adv. trainer, 1-eng.	181	138	173	175	204	214	135
Basic trainer	327	351	325	338	331	345	359
Primary trainer	337	254	385	347	348	261	255
Total Trainer	979	957	1,115	1,142	1,139	1,031	989
Grand Total	1,566	1,689	2,076	2,289	2,406	2,192	2,056

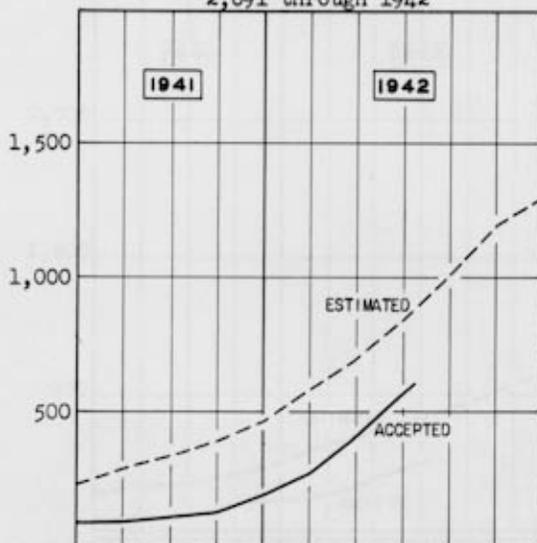
NOTE: Data do not include Defense Aid or Army procurement for Navy.

- (a) Army requirement based on 8-I Report (WPB) - Will be revised upward by 8-J Report.
- (b) Revised figures from redesignation of 100 P-38E's as F-4's.
- (c) Includes Liaison, Reconnaissance and Amphibian.
- (d) Manufacturers' estimates, 3-31-42.

ARMY AIRPLANES - CURRENT PRODCUREMENT - APRIL 8, 1942

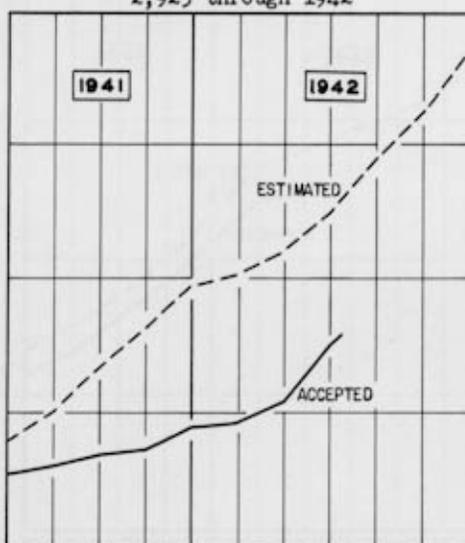
Source of Information: Materiel Command - Army Air Forces

HEAVY BOMBER
2,091 through 1942



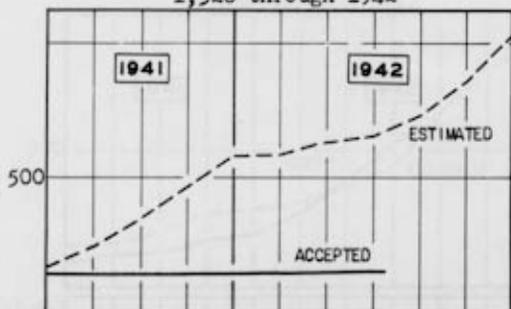
CUMULATIVE ESTIMATE	287	338	393	466	585	691	841	1011	1190	1300
CUMULATIVE ACCEPTANCES	96	108	133	197	279	413	569			
MONTHLY ACCEPTANCES	5	12	25	64	82	134	156	46 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

MEDIUM BOMBER
2,925 through 1942



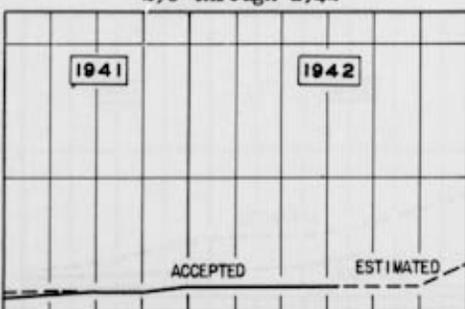
CUMULATIVE ESTIMATE	507	665	819	966	1020	1107	1253	1446	1631	1866
CUMULATIVE ACCEPTANCES	311	349	366	458	477	549	749			
MONTHLY ACCEPTANCES	37	38	17	92	19	72	200	41 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 2-ENG.
1,326 through 1942



CUMULATIVE ESTIMATE	243	353	463	583	585	628	658	736	859	1038
CUMULATIVE ACCEPTANCES	143	143	143	144	147	153	155			
MONTHLY ACCEPTANCES	0	0	0	1	3	6	2	0 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 1-ENG.
296 through 1942

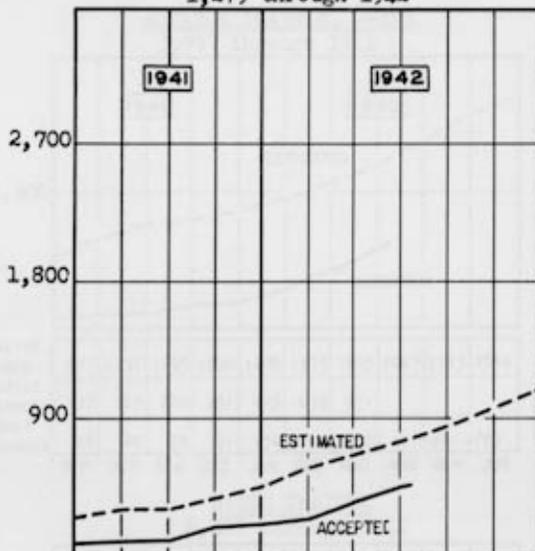


CUMULATIVE ESTIMATE	88	88	88	106	106	106	106	106	106	181
CUMULATIVE ACCEPTANCES	79	88	88	106	106	106	106			
MONTHLY ACCEPTANCES	15	9	0	18	0	0	0	0 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 8, 1942

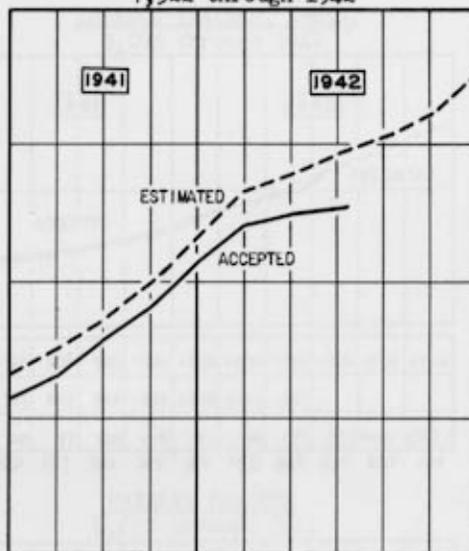
Source of Information: Materiel Command - Army Air Forces

PURSUIT, 2-ENGINE
1,279 through 1942



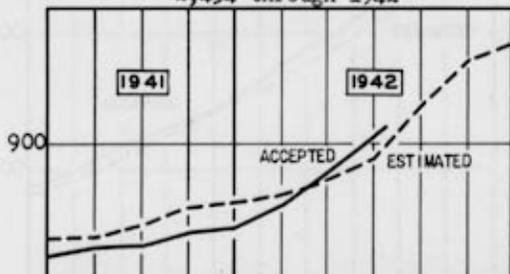
CUMULATIVE ESTIMATE	294	294	364	444	570	645	745	846	962	1084
CUMULATIVE ACCEPTANCES	82	85	147	198	220	333	433			
MONTHLY ACCEPTANCES	12	3	62	51	22	113	100	3 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

PURSUIT, 1-ENGINE
7,522 through 1942



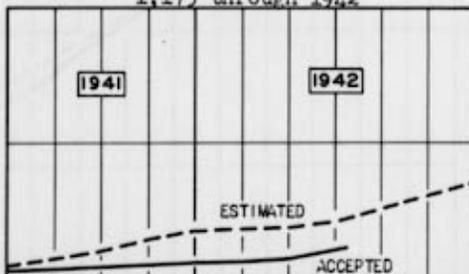
CUMULATIVE ESTIMATE	1347	1543	1794	2095	2398	2501	2632	2731	2893	3151
CUMULATIVE ACCEPTANCES	1168	1406	1621	1913	2163	2241	2372			
MONTHLY ACCEPTANCES	144	238	215	292	250	78	131	4 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

OBSERVATION
2,434 through 1942



CUMULATIVE ESTIMATE	377	499	631	673	740	886	1093	1496	1896	2057
CUMULATIVE ACCEPTANCES	256	297	410	457	640	933	1252			
MONTHLY ACCEPTANCES	62	41	113	47	183	293	319	90 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

TRANSPORT
1,175 through 1942

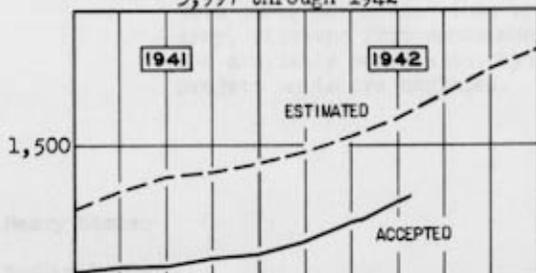


CUMULATIVE ESTIMATE	168	252	337	424	439	452	512	615	717	813
CUMULATIVE ACCEPTANCES	77	96	107	115	143	179	232			
MONTHLY ACCEPTANCES	13	19	11	8	28	36	53	16 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 8, 1942

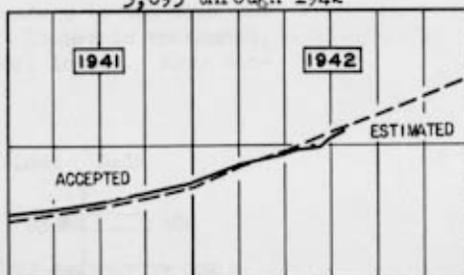
Source of Information: Materiel Command - Army Air Forces

ADVANCE TRAINER, 2-ENG.
3,997 through 1942



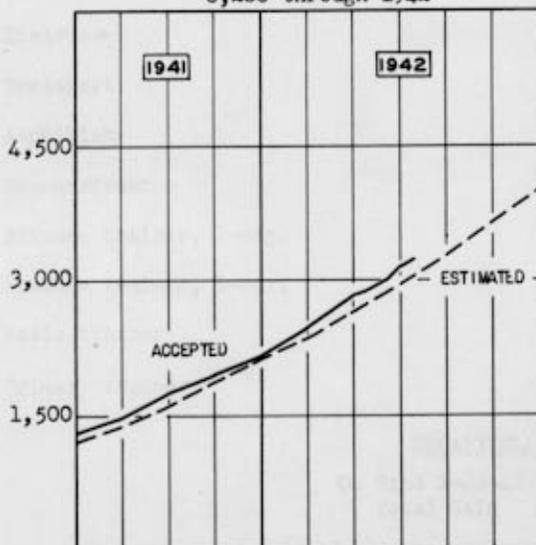
CUMULATIVE ESTIMATE	977	1137	1195	1290	1406	1575	1805	2087	2343	2554
CUMULATIVE ACCEPTANCES	127	167	220	291	425	639	871			
MONTHLY ACCEPTANCES	28	40	53	71	134	214	232	44 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ADVANCE TRAINER, 1-ENG.
3,095 through 1942



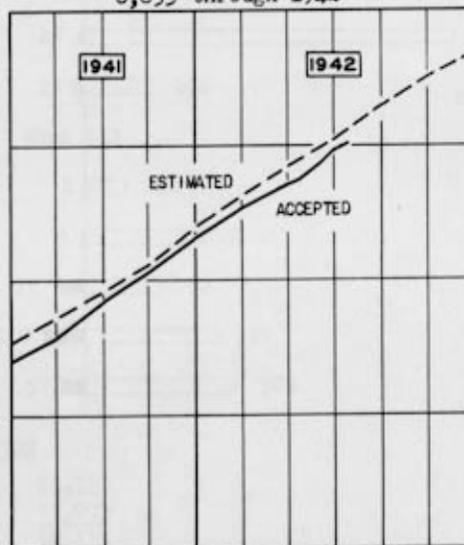
CUMULATIVE ESTIMATE	728	806	906	1028	1260	1434	1651	1826	2030	2244
CUMULATIVE ACCEPTANCES	765	862	982	1098	1279	1417	1590			
MONTHLY ACCEPTANCES	48	97	120	116	181	138	173	55 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

BASIC TRAINER
6,286 through 1942



CUMULATIVE ESTIMATE	1373	1596	1849	2102	2344	2633	2958	3296	3627	3972
CUMULATIVE ACCEPTANCES	1486	1731	1964	2127	2454	2805	3130			
MONTHLY ACCEPTANCES	215	245	233	163	327	351	325	72 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

PRIMARY TRAINER
6,853 through 1942

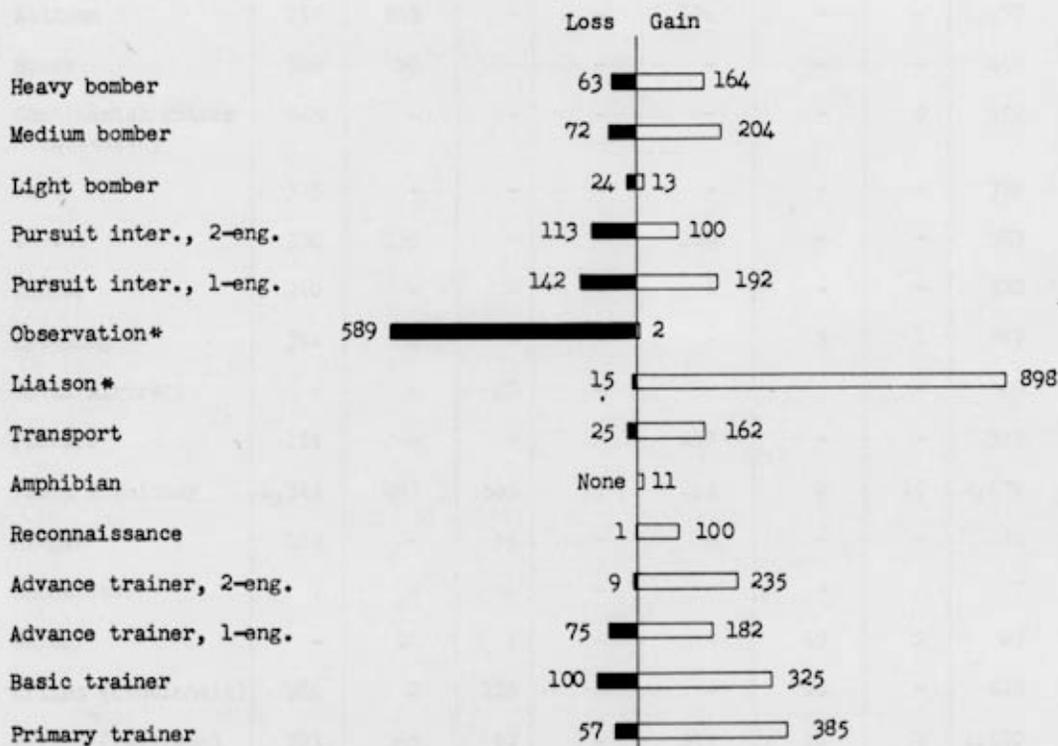


CUMULATIVE ESTIMATE	2595	2875	3160	3589	3915	4230	4565	4912	5260	5521
CUMULATIVE ACCEPTANCES	2369	2752	3083	3459	3796	4050	4435			
MONTHLY ACCEPTANCES	300	383	331	376	337	254	385	91 (THRU 4/8)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ARMY AIRPLANE GAINS AND LOSSES - BY TYPE - MARCH 1-31, 1942

Source of Information: Consolidated Statistical Report - Air Corps

Data cover new production, transfers to and from the Army, pick-ups from condemned, losses to condemned, and available reports on physical losses. Army non-project units are excluded.



RECAPITULATION

On Hand 2-28-42	15,142
Total Gain	2,973
	18,115
Total Loss	1,285
On Hand 3-31-42	16,830

* 579 light observation airplanes redesignated as "Liaison".

TABULAR SUMMARY - U. S. AIRPLANE ENGINE ACCEPTANCES - MARCH 1-31, 1942

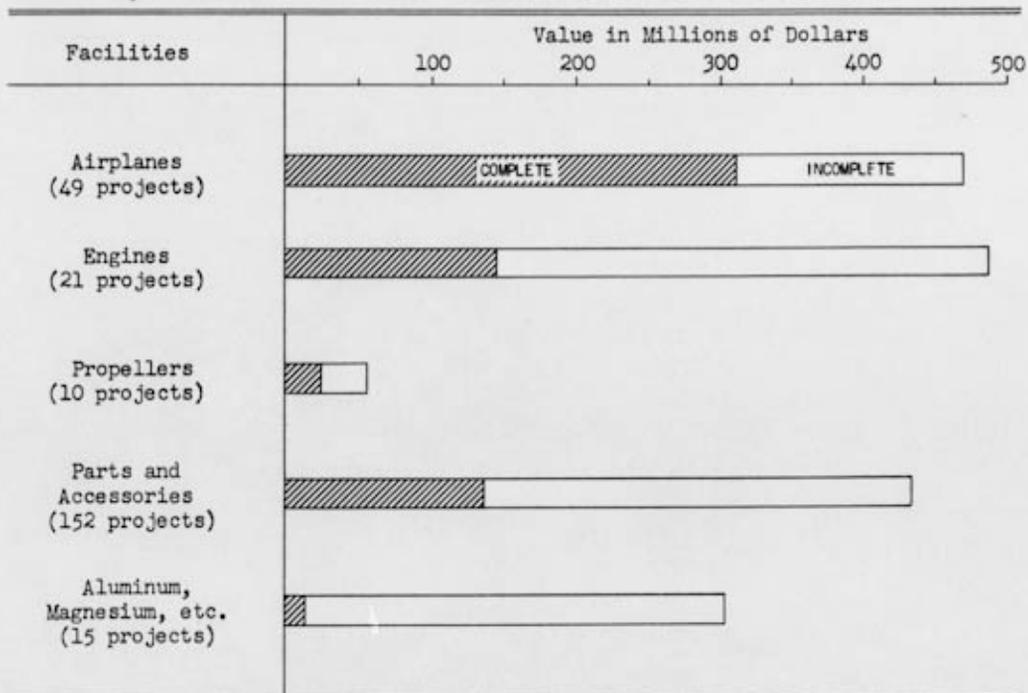
Source of Information: Materiel Command - Army Air Forces

Company	Army*	Army Defense Aid	Navy	Navy Defense Aid	Britain	Other Foreign	Comm.	Total
Allison	115	888	-	-	174	-	-	1,177
Buick	360	80	-	-	-	-	-	440
Continental Motors (Muskegon)	545	-	-	-	-	-	5	550
Ford	375	-	-	-	-	-	-	375
Jacobs	330	135	-	-	118	-	-	583
Kinner	220	-	-	-	-	-	-	220
Lycoming	394	1	-	-	-	3	1	399
Naval Aircraft	-	-	40	-	-	-	-	40
Packard	115	-	-	-	218	-	-	333
Pratt & Whitney	1,325	293	565	19	253	9	15	2,479
Ranger	180	-	55	-	-	-	-	235
Studebaker	7	-	-	-	-	-	-	7
Warner	-	14	1	-	-	10	4	29
Wright (Cincinnati)	384	2	126	-	-	10	-	522
Wright (Paterson)	723	365	92	-	375	16	9	1,580
Total	5,073	1,778	879	19	1,138	48	34	8,969

* Project airplanes only

PROGRESS OF NEW AIRCRAFT FACILITIES CONSTRUCTION PROGRAM - MARCH 15, 1942

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

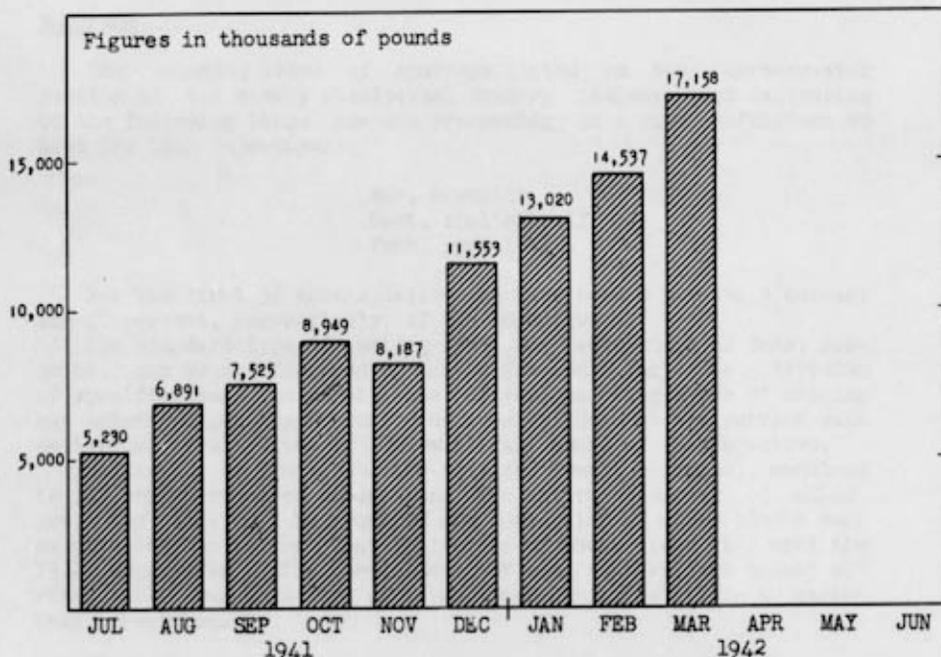


RECAPITULATION

Facilities	Completed to date	Percent	Estimated total cost
Airplanes	\$310,246,252	64.7	\$ 479,157,308
Engines	146,217,973	30.1	487,571,921
Propellers	23,913,912	42.1	56,787,832
Parts, etc.	137,952,312	32.0	431,419,981
Aluminum, etc.	13,512,981	4.5	301,921,552
Total	\$631,843,430	34.8	\$1,813,946,829

U. S. AIRFRAME WEIGHT DELIVERED BY MONTH - ALL CUSTOMERS

Source of Information: Materiel Command - Army Air Forces



The total monthly airframe weight delivered shows the trend of United States production. It is more indicative of progress than the total number of units produced. This is due to the fact that more effort is required to turn out heavy combat types than the smaller units which can be easily produced in quantity.

These data in thousands of pounds are based on the complete unit output of the manufacturers currently producing military airplanes. They do not include miscellaneous spare part production.

Poundage delivered showed an increase of 18 percent in March over February.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT

Source: Statistics Branch, Office of the Quartermaster General

GENERAL

Revised estimates of the production required during 1942 are now being established. In many items a marked reduction in size of objective will be noted. On a following page consideration is given to the decrease in revised 1942 objectives as compared with the corresponding decrease in objectives for Defense Aid, for certain selected items.

EQUIPAGE

The selected items of equipage listed in the Quartermaster Section of the Weekly Statistical Summary indicate that deliveries of the following items are not proceeding at a rate sufficient to meet the 1942 objectives:

Bar, mosquito
Tent, shelter-half
Tent, pyramidal

For the first 3½ months, deliveries have been 5 percent, 9 percent and 10 percent, respectively, of the objectives.

The standard type of netting used for manufacture of Bars, mosquito, can be manufactured by only a few small factories. Revision of specifications to permit use of various other types of netting has permitted greatly increased deliveries. Even at the current rate deliveries of this item in 1942 will fall short of the objective.

Deliveries of Tents, shelter-half, and Tents, pyramidal, continue to lag behind required production. The entire capacity of mills producing duck will be required and conversion of other plants must be effected to insure that deliveries of these items will meet the 1942 objectives. The curtailment of wool available to carpet and other mills producing for civilian consumption is likely to hasten this conversion.

GENERAL SUPPLIES

The objectives for 1942 for Ranges, field, have been decreased for all components for which they are being procured--the U.S. Army, the Navy and Defense Aid. In spite of this reduction, the deliveries through the first quarter of April represent only 6 percent of the 1942 objectives.

QUARTERMASTER PROCUREMENT - SUMMARY - APRIL 8, 1942

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

Item	Acceptances				Monthly Schedules a/ Apr-Jul, 1942			
	Jan	Feb	Mar	Apr 1-8	Apr	May	Jun	Jul
CLOTHING (1000s)*								
Coat, wool, serge	395	339	473	155	445	545	719	607
Drawers, cotton	2,353	1,763	1,323	510	1,650	2,576	3,230	3,619
Overcoat, wool, o.d.	310	310	412	128	514	363	520	251
Shirt, cotton, khaki	1,116	996	1,397	2,361	1,909	2,119	2,323	3,360
Shirt, flannel	831	636	772	126	1,288	1,301	1,292	1,458
Shoes, service	1,034	2,000	3,036	498	3,961	2,792	1,725	0
Trousers, cotton	737	759	782	267	1,185	1,345	2,600	835
Trousers, wool, o.d.	756	512	778	281	1,146	1,441	1,401	800
Undershirt, cotton	2,031	1,746	1,638	712	2,830	3,670	1,920	1,500
EQUIPAGE (1000s)*								
Bag, canvas, w., ster.	11	5	10	0	16	16	16	6
Bar, mosquito	50	69	130	47	435	519	465	226
Blanket, wool, o.d.	823	670	730	210	721	1,262	1,262	560
Cutter, wire	97	24	116	20	0	24	49	49
Tent, pyramidal	0.3	5	34	11	41	65	113	129
Tent, shelter-half	140	144	208	44	312	483	691	169
GENERAL SUPPLIES*								
Range, field	1,173	165	55	0	812	812	978	1,814
MOTOR VEHICLES**								
Ambulances	350	160	40	b/	8	500	0	953
Passenger cars	519	5,401	4,510	b/	50	0	0	0
Motorcycles	2,953	2,696	2,358	b/	4,159	3,008	2,952	2,952
Trucks, $\frac{1}{2}$ -ton	7,330	6,411	16,478	b/	13,026	19,880	17,880	17,880
Trucks, $\frac{3}{4}$ -ton	5,611	5,243	7,193	b/	4,273	4,262	0	7,015
Trucks, 1 $\frac{1}{2}$ -ton	12,046	14,170	19,999	b/	23,664	10,900	6,250	1,500
Trucks, 2 $\frac{1}{2}$ -ton	9,383	8,603	13,745	b/	14,400	16,600	20,960	28,844
Trucks, 4 & 5-ton	760	1,077	543	b/	971	851	780	807
Trucks, 6-ton&over	557	710	512	b/	1,330	1,365	1,830	1,815
Semi-trailers	191	107	153	b/	2,423	430	310	580
Trailers	240	433	2,536	b/	2,719	948	402	200
WATER TRANSPORTATION**								
Barges	3	20	6	b/	25	24	12	11
Landing boats	none	scheduled	0	b/	2	50	0	0
Launches, Navy type	0	1	0	b/	4	0	10	0
Radio control boats	0	0	1	b/	Schedules not available			
Rescue boats	9	5	6	b/	16	14	7	8
Tugs	1	1	0	b/	2	1	3	4

a/ To be revised
b/ Data not available

* Defense Aid deliveries as of Mar 15, 1942
** Data as of Mar 31, 1942

QUARTERMASTER PROCUREMENT - DELIVERY STATUS AS OF APRIL 8, 1942

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

Item	Total 1942 Objective*	Total 1942 Deliveries	Percent of Requirement Delivered	Percent of Requirement Delivered				
				20	40	60	80	100
<u>CLOTHING**</u>								
Coat, wool, serge	8,777,489	1,362,293	16					
Drawers, cotton	17,591,908	5,949,318	34					
Overcoat, wool, o.d.	4,615,664	1,160,560	25					
Shirt, cotton	7,321,012	5,870,471	80					
Shirt, flannel	12,036,908	2,364,790	20					
x Shoes, serv. (I. low-qtr.)	14,064,752	6,567,399	47					
Trousers, cotton, khaki	15,513,484	2,545,338	16					
Trousers, wool, o.d.	13,429,384	2,327,060	17					
Undershirt, cotton	18,068,538	6,126,449	34					
<u>EQUIPAGE**</u>								
Bag, canvas, w., ster.	38,330	25,890	68					
x Bar, mosquito	5,829,836	295,672	5					
Blanket, wool, o.d.	11,843,671	2,433,236	21					
x Cutter, wire	21,729	256,590	1081					
Tent, pyramidal	502,501	50,642	10					
x Tent, shelter-half	5,704,439	535,783	9					
<u>GENERAL SUPPLIES**</u>								
x Range, field	24,857	1,393	6					
<u>MOTOR VEHICLES</u>								
x Ambulances	11,337	501	4					
x Passenger cars	5,630	10,420	185					
x Motorcycles	77,064	8,007	10					
x Trucks, 1-ton	179,049	30,219	17					
x Trucks, 2-ton	79,038	18,050	23					
x Trucks, 1 1/2-ton	74,259	46,216	62					
x Trucks, 2 1/2-ton	216,554	31,731	15					
x Trucks, 4 & 5-ton	8,775	2,204	25					
x Trucks, 6-ton	2,877	1,779	62					
x Semi-trailers	7,720	451	6					
x Trailers	44,529	3,209	7					
<u>WATER TRANSPORTATION</u>								
Barges	412	42	10					
Landing boats	82	0	0					
Launches, Navy Type	63	0	0					
Radio control boats	40	1	3					
Rescue boats	161	21	13					
Tugs	88	12	14					

* Equipment Section, Army Supply Program

** Defense Aid deliveries as of Mar 15, 1942

x Includes Defense Aid and/or Navy

CHANGE IN PROCUREMENT OBJECTIVES

Source: Statistics Branch, Office of the Quartermaster General

In comparing the 1942 overall production objectives in the revised Equipment Section of the Army Supply Program with the corresponding figures in the February 28 Status Report certain facts stand out.

Of the Quartermaster items of basic supply shown in the preceding pages, the revision has been downward in all cases except for the item, Bar, Mosquito, where an increase of 9 percent is noted.

In many cases elimination of Defense Aid items equals the amount of reduction in total objective. Of 10 selected items showing reduced objectives, the reductions of items correspond closely with the amount of Defense Aid figures included in the February 28 Status Report but not included in the revised Equipment Section of the Army Supply Program. This is shown in the following table:

Comparison of Reduction in Total Objectives
and Defense Aid Objectives

Item	Reduction in Total Objectives	Defense Aid Objectives*
<u>CLOTHING</u>		
Drawers, cotton	21,971,423	21,025,269
Overcoat, wool, o.d.	2,400,032	2,344,292
Shoes, service	18,163,700	12,689,364
Trousers, cotton	15,256,901	15,668,451
Undershirt, cotton	23,789,575	24,856,518
<u>EQUIPAGE</u>		
Bag, canvas, w., ster.	48,455	44,327
Cutter, wire	496,948	507,713
Tent, pyramidal	1,107,553	1,187,848
Tent, shelter-half	1,159,215	860,325
<u>GENERAL SUPPLIES</u>		
Range, field	12,579	11,217

* Status Report, Feb 28, 1942

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - APRIL 11, 1942

Sources of Information: Headquarters Armored Force, Fort Knox, Kentucky;
Office of the Chief Signal Officer; Office of
Defense Aid Director

ARMORED FORCE

VEHICULAR RADIO EQUIPMENT

This report is based upon the Armored Force as constituted on March 31, and includes seven armored divisions. The authorized program and contract awards shown below include quantities for Defense Aid. Since figures are not available, no consideration has been given to losses sustained in the Theatres of Operation.

The procurement status of this equipment on March 31 follows:

Item	Authorized Program	Under Contract	Authorized Requirements For AF	Required for Vehicles On Hand - AF	Total On Hand* In AF
Radio SCR-506	13,500	13,500	976	949	1,077
Radio SCR-508	27,042	21,185	578	591	456
Radio SCR-528	30,504	21,943	1,978	1,718	1,016
Radio SCR-538	67,773	14,972	2,568	2,074	1,226
Total	138,819	71,600	6,100	5,332	3,775

New tables of Basic Allowances published March 1 reduced the radio requirements for vehicles of the Armored Force. These reductions plus the rapidly expanding deliveries have greatly reduced the existing shortage of vehicular radio sets.

DELIVERIES

The number of radio sets on hand increased from 3,124 to 3,775 during March while the number of new sets needed to meet revised requirements declined from 2,906 to 1,557.

Preliminary delivery figures for the early part of April give evidence that mass production of this equipment will shortly be achieved. It now appears that production estimates for the current month will be exceeded. Western Electric expects to produce 1,000 transmitters and 2,000 receivers in April.

- * Radio sets SCR-193, SCR-210, SCR-245, SCR-293 and SCR-294 are considered substitute standard equipment. Through the use of conversion factors, on hand quantities of radio equipment have been reduced to the equivalent quantities of SCR-506, SCR-508, SCR-528 and SCR-538.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - (Continued)

Deliveries of vehicular radio equipment for the Armored Force during the first three months of 1942 follow:

	SCR 293	SCR 294	SCR 508	SCR 528	SCR 538	TOTAL
JAN	54	53	0	32	3	142
FEB	106	171	13	54	23	367
MAR	151	0	378	339	312	1,180
TOTAL	311	224	391	425	338	1,689

Radio equipment for Armored Force vehicles is still in a transition stage and Radio Sets SCR-293 and SCR-294 are considered as stop-gap equipment. The newly developed and standardized SCR-506 is not shown because production will not get under way until July. Requirements of this set are being met by quantities of SCR-193 and SCR-245 now on hand.

CONCLUSION

Unless unforeseen production or distribution difficulties arise no further shortage of vehicular radio equipment for the Armored Force is anticipated after this month. Figures shown below are cumulative.

	April	May	June
Estimated Requirements	5,696	6,102	6,919
Estimated Production	6,366	9,860	15,826

In contrast with past experiences, the pressing need at this time is for Radio Technicians to make installations in vehicles.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 11, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch
Procurement Division

Item	Author- ized	Under Con- tracte	Req'd Prod. 1942	Accepted					Estimated			
				Jan 1- Apr 11	Jan	Feb	Mar	Apr 1-11	Mar	Apr	May	Jun
AIRCRAFT RADIO COMM. EQUIP.												
Auxiliary Receiver												
RA-10-CA	707	707	***	543	0	89	52	232	50	100	100	100
RA-10-DA	2,800	2,800	***	937	0	334	502	101	500	200	200	200
Frequency Meter SCR-211	43,870	43,305	31,310	2,086	219	169	201	1,498	2,500	1,000	1,500	2,500
Interphone Equipment												
RC-27	15,822	15,822	24,665	1,894	300	850	100	644	500	500	750	842
RC-34	3,840	3,840	***	0	0	0	0	0	0	0	300	300
RC-36	40,928	40,928	26,818	1,906	0	881	0	1,025	600	600	800	981
RC-45	2,791	2,791	3,252	213	0	0	0	213	0	0	0	150
RC-51	2,295	293	1,936	197	0	12	0	175	0	0	150	50
RC-73	5,560	5,560	14,334	Production starts in July, 1942.								
Microphone												
T-20	4,000	4,000	***	165	0	0	0	165	0	1,000	1,000	1,000
T-30	69,225	69,225	***	18,510	1,000	15,560	1,250	700	0	1,000	1,500	2,500
Command Radio												
SCR-183	18,434	18,434	25,445	2,021	83	740	482	716	900	1,150	1,600	2,000
SCR-274**	74,236	72,736	62,091	5,018	12	2,846	1,050	1,110	1,500	1,500	2,000	3,000
SCR-283	7,805	7,805	8,940	1,371	556	94	481	240	600	600	800	800
SCR-522**	37,094	37,094	34,581	0	0	0	0	0	0	800	1,600	2,500
Liaison Radio												
SCR-187	3,198	3,198	3,135	208	97	110	1	0	61	150	150	400
SCR-287	40,145	39,895	23,094	437	23	18	3	393	339	500	500	800
Sea Rescue Radio												
SCR-378	40,910	16,324	52,130	0	0	0	0	0	0	100	500	1,000
AIRCRAFT RADIO NAV. EQUIP.												
Contactor Equipment RC-96	30,709	30,709	30,907	6,108	1,489	1,112	1,712	1,795	1,500	2,500	2,500	2,500
Filter Equipment RC-32	138,506	96,280	115,568	17,720	1,450	6,290	4,100	5,880	5,000	5,000	5,000	5,000
Localizer Receiver RC-103	33,160	33,160	16,341	Production starts in August, 1942.								
Marker Beacon Equip.												
RC-39	2,904	2,904	2,903	414	96	58	227	0	0	300	300	400
RC-43	42,075	42,075	24,445	7,445	335	1,851	2,352	2,909	3,000	3,000	3,000	3,000
Radio Compass												
SCR-269 (Dual Pos.)	40,917	40,857	27,485	2,926	241	1,332	1,243	110	800	1,500	1,800	2,600
SCR-269 (Single Pos.)	1,500	1,500		1,124	0	452	165	507	300	300	300	283
Absolute Altimeter												
SCR-616	22,270	7,989	11,933	Production starts in July, 1942.								
SCR-616	15,000	15,000										
AIRBORNE RADIO DETECTION AND RECOGNITION EQUIPMENT												
SCR-515 US-IFF	39,409	19,329	68,631	0	0	0	0	0	0	0	100	500
SCR-517 ASV 10	6,273	2,450	***	0	0	0	0	0	0	0	0	5
SCR-519 ASV 10	3,823	0	***	Procurement deferred.								
SCR-520 AI 10	2,435	2,185	340	0	0	0	0	0	0	5	10	30
SCR-521 US-ASV, MK II	33,045	7,114	17,393	69	0	30	4	51	0	366	550	550
SCR-535 HR.-IFF, MK II	16,630	16,630	70,836	0	0	0	0	0	0	1,000	4,000	4,000
SCR-540 HR.-AI, MK IV	500	500	***	0	0	0	0	0	5	5	15	30
SCR-595 IFF, MK III	18,500	18,500	***	0	0	0	0	0	0	0	500	2,600
SCR-695 IFF, MK III-G	18,000	18,000	***	Production starts in July, 1942.								
GROUND-AIR NAVIGATIONAL AID												
Control Net System SCS-2	20	20	20	0	0	0	0	0	1	1	2	4
Control Net System SCS-3	120	120	104	0	0	0	0	0	0	0	0	2
Homing Device SCR-277	70	62	98	Production starts in October, 1942.								
Instrument Blind Landing SCR-251	715	0	557	Development of all components not yet completed.								

* Figures include procurement for Defense Aid and other Services.
Quantity delivered prior to January 1, 1942, has been excluded.
** A portion of these sets are less dynamotors.
*** Figures not available.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 11, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Author- ized*	Under Con- tract*	Req'd Prod. 1942	Accepted					Estimated				
				Jan 1- Apr 11	Jan	Feb	Mar	Apr 1-11	Mar	Apr	May	Jun	
GROUND RADIO COMMUNICATION- RADIO SETS													
Ground-Air Liaison and Army, Corps & Division Communication													
SCR-177	1,227	525	1,454	450	212	140	98	0	50	0	0	70	
SCR-178	1,746	992	2,447	116	0	2	74	40	200	200	300	300	
SCR-188	2,652	548	2,407	27	0	27	0	0	100	0	0	100	
SCR-197	157	157	571	48	48	0	0	0	0	0	51	58	
SCR-299	1,542	261	1,766	0	0	0	0	0	55	100	200	200	
Intra-Regiment Communication													
SCR-284	17,681	17,681	17,912	0	0	0	0	0	50	400	700	1,000	
SCR-288	1,525	1,525	**	235	25	0	104	106	0	150	600	646	
SCR-543	1,581	1,418	2,127	0	0	0	0	0	0	250	250	250	
Radio Intelligence, S.C.													
SCR-206	281	121	338	97	26	36	28	7	50	50	9	0	
SCR-243	104	104	96	0	0	0	0	0	0	25	25	8	
SCR-244	372	192	360	0	0	0	0	0	100	60	60	60	
SCR-255	124	101	152	16	6	0	10	0	15	55	25	35	
Short Range Portable													
SCR-194	6,889	5,626	817	3,439	1,120	2,201	118	0	500	0	0	0	
SCR-195	2,499	1,499	1,999	1,245	709	404	72	60	196	124	500	500	
SCR-509	1,582	1,582	596	542	0	0	125	417	425	1,089	368	0	
SCR-536	13,435	13,435	14,310	2,637	1,644	820	175	0	358	1,500	2,000	2,000	
SCR-609	897	417	856	0	0	0	0	0	0	0	100	400	
Animal Pack, Cavalry Field Artillery													
SCR-179	126	0	120	Recently placed under procurement.									
SCR-205	67	67	0	46	45	5	0	0	7	21	0	0	
Short Range Vehicular Field Artillery													
SCR-608	10,053	9,876	6,197	0	0	0	0	0	0	204	280	417	
SCR-610	24,288	23,826	19,248	0	0	0	0	0	0	100	100	115	
SCR-628	2,374	2,272	2,067	0	0	0	0	0	0	106	140	166	
Vehicular and Tank-Armored Force													
SCR-193 AM Type	6,486	6,484	600	0	0	0	0	0	100	0	0	0	
SCR-245 AM Type	6,439	6,439	2,013	888	117	437	270	64	300	300	600	352	
SCR-293 FM Type	872	872	567	371	54	106	151	60	50	100	200	200	
SCR-294 FM Type	786	786	786	224	53	171	0	0	60	100	100	100	
SCR-506 AM Type II	13,500	13,500	10,749	Production starts in July, 1942.									
SCR-508 FM Type III	27,050	21,175	20,815	391	0	13	378	0	50	150	200	400	
SCR-510 FM Type IV	6,254	6,254	7,172	917	0	0	917	0	0	0	1,483	1,800	
SCR-528 FM Type III	30,497	21,936	22,522	425	32	54	339	0	200	508	807	1,233	
SCR-536 FM Type III	67,753	14,952	21,202	695	3	23	512	357	300	342	2,187	4,033	
ACCESSORY EQUIPMENT													
Antenna Frmp. RC-63	1,021	1,021	1,010	832	708	124	0	0	0	0	89	100	
Charging Set SCR-169	3,466	1,165	2,525	0	0	0	0	0	241	0	5	5	
Frequency Meter SCR-211	6,065	6,055	6,705	943	225	116	246	356	300	500	500	500	
Loudspeaker LS-3	26,506	40	16,688	0	0	0	0	0	0	0	100	200	
Power Unit PE-75	2,304	1,962	1,275	0	0	0	0	0	0	0	100	200	
(Radio) Receiver RC-342	1,188	1,188	25	378	260	0	15	105	0	300	300	313	
Remote Control Equip.													
RC-66	3,039	3,039	**	1,354	401	382	300	251	300	300	300	300	
Test Set I-56	8,558	4,879	8,288	613	261	208	126	18	70	50	100	500	
Trans. Tuning Unit													
TU-25	3,202	3,202	**	3,202	369	1,900	551	382	600	0	0	0	

* Figures include procurement for Defense Aid and other Services.
Quantities delivered prior to January 1, 1942, have been excluded.
** Figures not available

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 11, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Author- ized	Under Con- tract	Req'd Prod. 1942	Accepted					Estimated			
				Jan 1- Apr 11	Jan	Feb	Mar	Apr 1-11	Mar	Apr	May	Jun
GROUND RADIO DETECTION EQUIPMENT												
Aircraft Warning												
SCR-268	1,752	1,752	2,100	160	52	15	50	45	37	52	52	68
SCR-270	434	434	551	22	2	0	15	5	6	10	15	25
SCR-271	58	58	355	5	0	0	0	5	2	3	4	4
Antiaircraft				Recently standardized and contracted.								
SCR-545	895	275	593									
OCI Equipment				Production starts in November, 1942.								
SCR-527	400	399	261									
SCR-588	104	104	**	4	0	0	0	4	0	0	0	0
Gun Laying, Fixed Station												
SCR-296	175	175	**	0	0	0	0	0	1	1	0	18
SCR-582	0	0	**	Development contract awarded.								
Identification												
SCR-532	1,000	0	1,147	Development not completed.								
SCR-533	2,014	870	5,911	0	0	0	0	0	0	5	20	45
Range Finder												
SCR-547	812	812	812	Production starts in July, 1942.								
Searchlight Control												
SCR-541	1,000	400	1,759	Recently standardized and contracted.								
WIRE COMMUNICATION EQUIPMENT												
Coil C-114	69,980	17,969	62,050	16,519	8,921	2,500	5,098	0	2,500	2,048	500	0
Coil C-161	12,759	218	7,271	0	0	0	0	0	0	200	18	0
Reel Cart RL-16	0	0	402	0	0	0	0	0	0	0	0	200
Reel Equipment CE-11	35,669	35,669	26,777	0	0	0	0	0	400	0	500	1,000
Reel Unit RL-26-A	1,642	1,268	274	350	99	16	235	0	250	250	800	303
Reel Unit RL-51	14,387	8,506	11,685	6,443	1,619	4,004	820	0	963	1,560	360	0
Switchboard												
BD-71	3,464	1,543	2,327	532	152	380	0	0	200	0	0	0
BD-72	3,390	1,699	6,470	856	535	177	128	0	150	150	500	200
BD-89	35	35	**	5	0	0	5	0	0	5	5	10
BD-96	924	924	**	747	205	207	150	185	150	150	217	0
Telegraph Central Office												
Set TC-3	458	458	374	0	0	0	0	0	0	0	5	10
Telegraph Printer EE-97	1,744	792	2,564	0	0	0	345	0	100	0	0	0
Telegraph Set TC-5	12,098	3,801	9,015	2,350	48	612	910	760	500	500	600	600
Telephone EE-8-A	172,537	92,712	135,126	10,450	8,528	872	200	850	5,000	6,000	7,000	8,000
Telephone Set TP-4	728	728	**	165	0	128	37	0	37	0	100	100
Telephone Central Office												
Set TC-1	101	61	105	51	0	51	0	0	0	0	5	10
Set TC-2	98	50	150	37	14	23	0	0	6	7	0	0
Set TC-4	575	33	1,378	0	0	0	0	0	0	0	0	10
Test Set EE-65	5,507	462	5,371	462	439	23	0	0	0	0	0	0
Wire W-110 (thous. miles)	1,248	598	449	142	11	81	54	16	75	0	0	0
Wire W-130 (miles)	100,399	100,399	90,915	11,704	1,565	4,522	2,182	5,435	3,600	5,300	7,000	7,000
MISCELLANEOUS SIGNAL EQUIP.												
Cable, Submarine Mine (Thousand Ft.)	1,290	1,249	**	354	0	0	354	0	1,250	200	500	500
Converter												
M-134	228	228	**	226	177	0	49	0	25	26	0	0
M-209	51,929	51,929	48,513	0	0	0	0	0	0	0	0	100
Flash Ranging Set GR-4	24	24	31	0	0	0	0	0	0	10	10	4
Interphone Equip. - Vehi.	1,685	1,685	**	914	200	0	714	0	0	200	600	685
Signal Lamp Equip. EE-84	1,432	832	1,361	261	80	63	116	0	100	100	100	100
Sound Ranging Set GR-5	85	71	78	6	0	4	2	0	4	4	4	4

* Figures include procurement for Defense Aid and other Services.
Quantity delivered prior to January 1, 1942, has been excluded.
** Figures not available.

TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 8, 1942

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

GENERAL

During the period March 31 - April 8 there were deliveries on 11 items.

The following items had schedules during this period for the first time this year but only one of the items had deliveries against the schedules:

<u>Item</u>	<u>Scheduled</u>	<u>Delivered</u>
Stereocomparagraph Equipment Set	33	0
Tractor, medium, w/angledozer	53	30
Welding & cutting sets	12	0

SEARCHLIGHT, 24" (BEACH DEFENSE)

The contract for 126 - 24" Searchlights is behind schedule. The first searchlight was to have been delivered in November 1941, and the total contract completed by the end of March 1942. The first searchlight was not delivered until February 1942 and at the end of March there were only 17 searchlights delivered. During the first quarter of April there were 3 more delivered, making a total of 20 searchlights delivered.

TRACTOR, MEDIUM, W/ANGLEDZOZER

After being inactive for over a year this item has a new contract for 255 which was scheduled to start at the end of March and be completed in June. On April 8th there were 53 scheduled and 30 delivered. The 1942 Time Objective for this item is 634 and all have been contracted.

WELDING AND CUTTING SETS

This item has been inactive since July 1941 because all requirements to 1942 had been met. The 1942 Time Objective is 323 and all are contracted. One contract is scheduled to start in April with 50 sets to be delivered by the end of April. During the period March 31 - April 8 there were no deliveries.

CAMERA, COPYING, MOTORIZED

The contract for 9 cameras let to the Lanston Monotype Company was completed on schedule the end of February. The trucks scheduled for the cameras were to have been completed at the same time but to date have not been delivered.

TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 8, 1942

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

Item	Acceptances				Schedules - Apr-Aug, 1942				
	Jan	Feb	Mar	Apr 1-8	Apr	May	Jun	Jul	Aug
Boat, power, with trailer	0	0	18	5	30	29	30	50	50
Bridge, steel, port., H-10	12	4	0	0	0	0	6	0	0
Bridge, steel, port., H-20	5	6	15	2	4	5	4	3	0
Compass, lensatic, w/case(thous)	1	2	0	8	15	15	15	15	15
Compressor, air, motorized	0	0	0	0	50	70	140	140	140
Crane, truck mounted	11	11	5	0	0	43	0	0	0
Electric lighting equip., 3 kva	0	0	0	0	64	56	120	120	120
Electric lighting equip., 5 kw	40	69	0	0	30	49	200	229	260
Explosive, ammonium nitrate(tons)	*	0	*	*	*	*	*	*	*
Explosive, TNT	*	*	*	*	*	*	*	*	*
Grader, road, motorized	0	0	0	0	20	20	20	12	0
Instruments, drawing, field	*	646	500	0	2100	2100	2200	350	350
Searchlight, 24" beach defense	0	6	11	3	0	0	0	0	0
Searchlight, 60", AA	202	112	86	28	75	16	0	0	0
Shovel, gasoline, 1/2-yd.	8	21	13	5	12	12	32	32	52
Shovel, gasoline, 3/4-yd	0	2	0	0	0	0	0	0	0
Stereocomparagraph equipment	0	0	0	0	130	0	0	0	0
Stereoscope, mirror, w/bin.	311	209	36	0	856	675	225	71	200
Tractor, medium, w/angledozer	0	0	0	30	50	70	80	354	260
Trailer, light tractor	106	0	0	0	0	0	88	0	0
Trailer, searchlight	600	542	156	50	600	600	150	0	0
Transit, 1-minute	166	200	95	47	0	50	100	100	100
Transit, 20-second	100	0	50	0	133	184	50	13	0
Triangulation tower, port.	10	0	0	10	0	10	0	0	0
Water puri. unit, mobile	5	3	0	0	14	39	32	35	20
Welding and cutting set	0	0	0	0	50	200	0	0	0
Auger, earth, motorized	5	0	7	0	Schedule	Not	Available		
Footbridge, M-1938	22	0	0	0	Schedule	Not	Available		
Ponton bridge, 25-ton	3	4	3	1	Schedule	Not	Available		
Special equipment, shop co.	0	0	1	0	Schedule	Not	Available		

* Information Unavailable

TEXT SUMMARY - CONSTRUCTION PROGRESS - MARCH 31, 1942

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

As of March 31, 1942, the program for war construction provided for 1,338 projects with an estimated completion cost of 5,782 million dollars. These projects are located at 745 sites and represent not only the original major construction jobs, but sizeable additions thereto.

The following table indicates the completion status of the total program:

	<u>Number of projects</u>	<u>Percent of total projects</u>
Completed	592	44
Ahead of schedule	113	9
On schedule	218	16
Behind schedule	165	12
Not started	250	19
TOTAL	1,338	100

The value of completed projects is 2,253 million dollars, 39% of the total cost of the program. However, construction in place is valued at 3,088 million dollars, or 53% of total cost. This is less than 1% behind the value of construction scheduled to be completed by March 31st.

Troop capacity projects total 1,045 jobs; of these, 544 (52%) are ready for use, and can house 1,969,000 officers and enlisted men. Total troop housing, when completed, will provide facilities for 3,185,000 men.

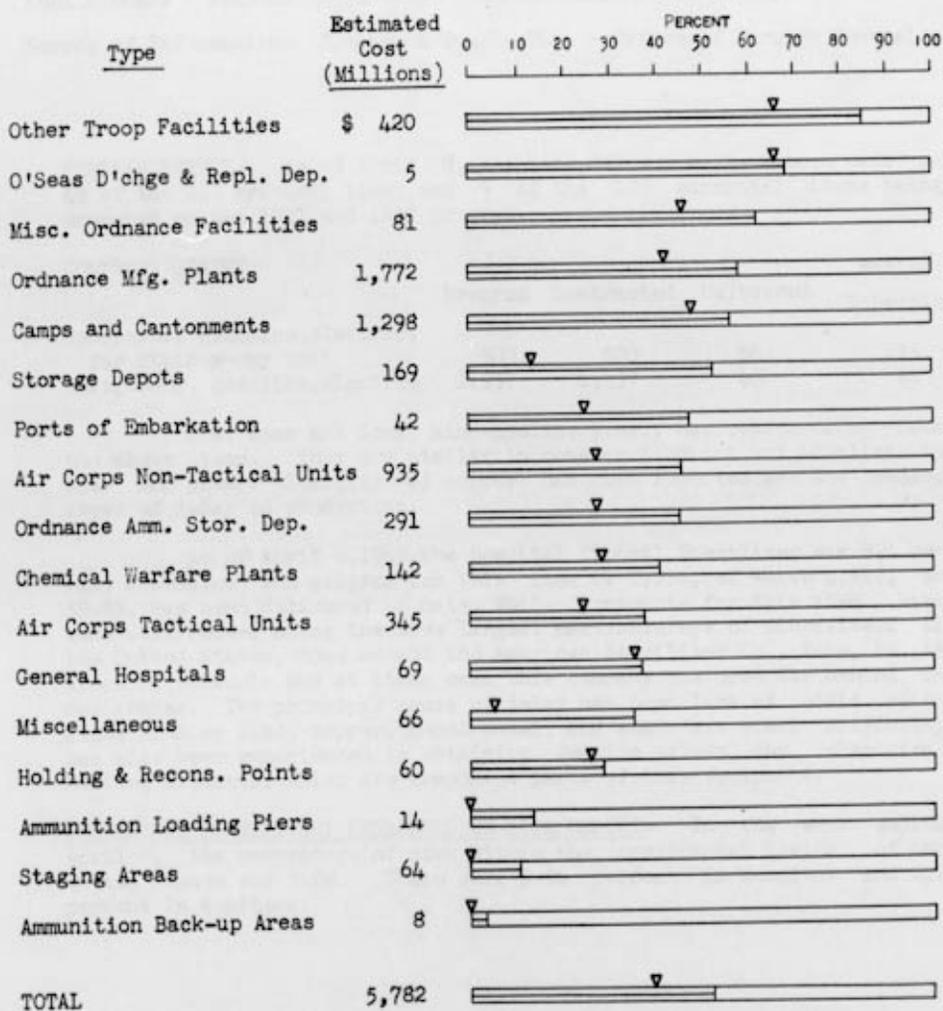
AIR CORPS -- As of March 31st, the program for construction at Air Corps stations in continental U. S. provided for 399 projects at 187 different locations. The estimated cost of these projects is 1,280 million dollars, of which 342 million dollars (27%) has already been completed. Value of construction in place, however, is 563 million dollars, or 44% of the total cost.

Air Corps projects are grouped generally as Tactical Units and Non-Tactical Units. The following table indicates the construction status of the Air Corps program:

	<u>Number of Projects</u>			<u>Percent</u>
	<u>Tactical Units</u>	<u>Non-Tactical Units</u>	<u>Total</u>	
Completed	61	58	119	30
Ahead of schedule	12	20	32	8
On schedule	42	45	87	22
Behind schedule	22	41	63	16
Not started	31	67	98	24
TOTAL	168	231	399	100

CORPS OF ENGINEERS - WAR CONSTRUCTION PROGRESS - MARCH 31, 1942

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



Estimated Cost Construction Value of Projects Completed
In Place and Ready for Use

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED APRIL 16, 1942

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

PROGRAM STATUS: As of April 8, complete deliveries have been made on 49 of the 242 critical items and 9 of the 127 essential items being procured on the 1941 and 1942 program.

CONTRACT STATUS:

	Program	Contracted	Delivered	Behind Schedule
Generator, gasoline, electric, for field x-ray unit	803	803	66	175
Unit, power, gasoline, electric	1,857	1,857	65	90

D.W. Onan and Sons, Minneapolis, Minn., has contracts on both the above items. They are similar in construction but not identical in size and power. Scarcity of copper has been reported as the leading cause of delay in production.

As of April 8, 1942, the Hospital Utensil Sterilizer was 924 behind schedule. The program for this item is 7,716, of which 4,616, or 59.8%, has been delivered to date. While contracts for this item have been distributed among the five largest manufacturers of sterilizers in the United States, none except the American Sterilizer Co., Erie, Pa., is ahead of schedule and at times even this company has been far behind in deliveries. The principal cause of delay has been lack of basic materials such as zinc, copper, monel metal, and stainless steel. Difficulty has also been experienced in obtaining Jenkins valves and electrical heating elements, which are component parts of this equipment.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ending April 9, the percentage of sick within the continental limits of the United States was 3.28. There were 3.06 percent in hospital and .22 percent in quarters.

MEDICAL PROCUREMENT - SUMMARY - APRIL 8, 1942

Source of Information: Medical Department Procurement Progress Reports

	Acceptances				Schedules - March-August, 1942				
	Jan	Feb	Mar	Apr 1-8	Apr	May	Jun	Jul	Aug
<u>FIRST AID DRESSINGS</u>									
Packet, first aid*	76	0	15	215	0	0	40	300	400
Dressing, 1st aid, lg*	499	513	637	24	881	1,004	618	518	185
Dressing, 1st aid, sm*	213	82	233	375	938	992	1,031	966	832
<u>SURGICAL INSTRUMENTS</u>									
Forceps, hemo., 8 types	36,188	42,678	41,048	10,493	16,016	26,574	19,233	8,294	9,674
Forceps, hyst., P., cur.	3,046	924	372	372	3,756	3,752a			
Forceps, sponge	8,414	9,866	6,448	780	2,066	5,956b			
Forceps, towel, 2 sizes	2,136	4,140	4,576	1,716	5,080	5,103	3,031	3,031a	
Holder, needle, H.-M.	1,908	2,357	1,914	0	2,100	2,100	2,100	2,100	2,467
Scissors, bandage	10,758	15,791	12,212	450	20,763	23,639	23,383	13,383	9,603
Scissors, dis., cur. 5½"	0	500	1,266	456	2,367	1,752a			
Scissors, dis., str. 5½"	756	6,206	1,066	0	1,743	1,744a			
<u>HOSPITAL EQUIPMENT</u>									
Anesthesia app. N ₂ O	0	0	0	0	54	150	34	50	50
Phorometer	26	57	63	51	66	72	8	6	60
Sphygmomanometer, Hg	6	0	0	0	1,825	1,700	1,700	1,700	3,905
Splint, T., arm, hinged	662	11,496	12,857	1,656	11,945	12,455	6,218	4,137	4,137
Splint, Army, leg, ½-r.	1,560	3,369	2,648	0	4,100	4,100	4,100	4,100	4,385
<u>X-RAY EQUIPMENT</u>									
Machine, radiographic	17	27	36	0	30	68	30	40	40
X-ray, field, generator	29	16	0	0	70	70	70	70	70
X-ray, f., mobile unit	0	29	158	60	0	0	25	100	150
<u>STERILIZERS</u>									
Hospital, complete	44	69	49	0	15	15	10a		
Hospital, utensil	502	786	458	285	899	927	868	184	184
<u>FIELD EQUIPMENT</u>									
Kit strap, canteen ring	0	12,150	20,033	1,000	0	37,000	46,617	41,119a	
Kit, insert Type I	5,008	2,218	8,750	1,550	4,850	4,850	25,000	25,000	9,843
Kit, insert Type II	0	900	2,000	0	1,000a				
Kit strap, litter	0	16,585	8,078	4,330	0	37,600	44,322	52,965a	
Kit pouch, canvas	799	0	13,200	2,021	10,001	20,000	49,280	30,000	22,701
Kit suspender	0	5,800	7,542	3,800	3,400	3,400	19,190	14,870	14,870
Chest, field, plain	167	525	1,109	72	1,101	1,399	4,000	3,142a	
Chest, field, modified	259	515	236	20	500	820a			
Litter, aluminum pole	0	0	0	0	842	842a			
Litter, folding	2,545	64	0	0	0	0	630	630	630

*Figures in thousands

(a) Completes program
(b) Completes contracts

MEDICAL DEPARTMENT - STATUS OF PROCUREMENT - APRIL 8, 1942

Source of Information: Medical Department Procurement Progress Reports

	Required 1942 Production*	Percent Required Production			Delivered ▽ Due Not Contracted	Contracted, undelivered □
		Con	Due	Del		
20 40 60 80						
FIRST AID DRESSINGS						
Packet, first aid	3,308,516	33	2	9	▽	□
Dressing, first aid, large	5,345,352	98	49	31	▽	□
Dressing, first aid, small	8,610,685	73	20	10	▽	□
SURGICAL INSTRUMENTS						
Forceps, hemostatic, 8 types	259,416	86	37	50	▽	□
Forceps, hyst., Pean, curved	25,301	48	0	19	▽	□
Forceps, sponge	49,979	71	41	51	▽	□
Forceps, towel, 2 sizes	28,797	100	33	42	▽	□
Holder, needle, Hegar-Mayo	16,969	98	77	33	▽	□
Scissors, bandage	131,526	82	41	29	▽	□
Scissors, dis., curved 5½"	8,609	65	47	26	▽	□
Scissors, dis., straight 5½"	16,383	71	49	49	▽	□
HOSPITAL EQUIPMENT						
Anesthesia apparatus, N ₂ O	931	73	1	1	▽	□
Phorometer	425	99	34	66	▽	□
Sphygmomanometer, mercurial	11,205	100	10	(a)	▽	□
Splint, Thomas, arm, hinged	74,073	88	63	35	▽	□
Splint, Army, leg, ½-ring	52,839	68	68	29	▽	□
X-RAY EQUIPMENT						
Machine, radiographic, 200ma	604	44	14	13	▽	□
X-ray, field, generator	2,085	50	4	11	▽	□
X-ray, field, mobile unit	1,083	72	20	4	▽	□
STERILIZERS						
Hospital, complete	674	31	30	25	▽	□
Hospital, utensil	10,270	50	29	20	▽	□
FIELD EQUIPMENT						
Kit strap, cantele ring	538,449	28	3	4	▽	□
Kit insert, Type I	291,442	21	9	6	▽	□
Kit insert, Type II	110,250	4	4	3	▽	□
Kit strap, litter	416,003	38	6	7	▽	□
Kit pouch, canvas	428,360	35	13	4	▽	□
Kit suspender	202,702	34	14	8	▽	□
Chest, field, plain	18,071	64	10	10	▽	□
Chest, field, modified	7,693	31	13	13	▽	□
Litter, aluminum pole	45,211	4	4	0	▽	□
Litter, folding	1,990	100	5	5	▽	□

*U.S. only

(a) Less than 0.1%

TEXT SUMMARY - C. W. S. - APRIL 10, 1942

Source of Information: Chemical Warfare Service Progress Reports

GAS MASKS: Assemblies continue at a low rate. Deliveries total 55,760 Service Masks and 7,740 Training Masks during this report period. Practically all the contracts up to and including the Third Supplemental have been completed. Components for masks called for by the Fifth Supplemental are now arriving at the assembly plants. Difficulty is being experienced in obtaining raw materials, such as: brass, duck, webbing, outlet valves and guards. Whetlerite is being produced in sufficient quantities and no longer is the controlling factor.

PROTECTIVE AGENTS: Deliveries of 99,456 tubes of Protective Ointment, 16,323 gallons Agent Non-Corrosive, and 54 tons Impregnite "I" were reported.

The present production of Protective Ointment averages 100,000 tubes per week. The main constituents of this ointment are difficult to obtain and the manufacture of ointment will be limited until new facilities are available.

Production of Non-Corrosive Agent is definitely limited. The maximum expected production is about one-fourth of the requirements for 1942. The limiting factor is RH-195, a chlorinated aromatic compound. Present planned facilities for the manufacture of this compound are inadequate.

The manufacture of Impregnite "I" continues to be behind expected quantities. The four plants designed to manufacture this item are not operating at rated capacity. Corrosion and side reactions, which prevent full yields, are still the major problems.

Other deliveries include 26 tons Agent Bleach and 191 tons Impregnite Solvents.

CHEMICAL AGENTS: There were 199 tons of Mustard Gas, 70 tons Phosgene, 47 tons C.N.S. Gas, 39 tons Screening Smoke, and 7 tons of Lewisite delivered during this report period.

Deliveries continue at a rate too low to meet requirements. The present facilities are inadequate; however, these are being built up rapidly, and it is felt that within the next year the manufacture of Mustard, C.N.S. and Lewisite will be sufficient to meet military needs. The raw materials needed for these agents, especially chlorine and arsenic trichloride, will require considerable increase of production by Industry.

INCENDIARY BOMBS: Deliveries of both the Substitute and Magnesium Bombs are much lower than previous weeks. There were only 180,186 Substitute and 16,450 Magnesium Bombs delivered. Assembly plants are not operating at maximum capacity.

VARIOUS DELIVERIES: There were 665 Steel Containers (ton), 196 Flame Throwers, 1,776 Chemical Mortar Shells, and 180 Mark-10 Airplane Tanks reported.

CHEMICAL WARFARE SERVICE - PROCUREMENT SUMMARY - APRIL 10, 1942

Source of Information: Chemical Warfare Service

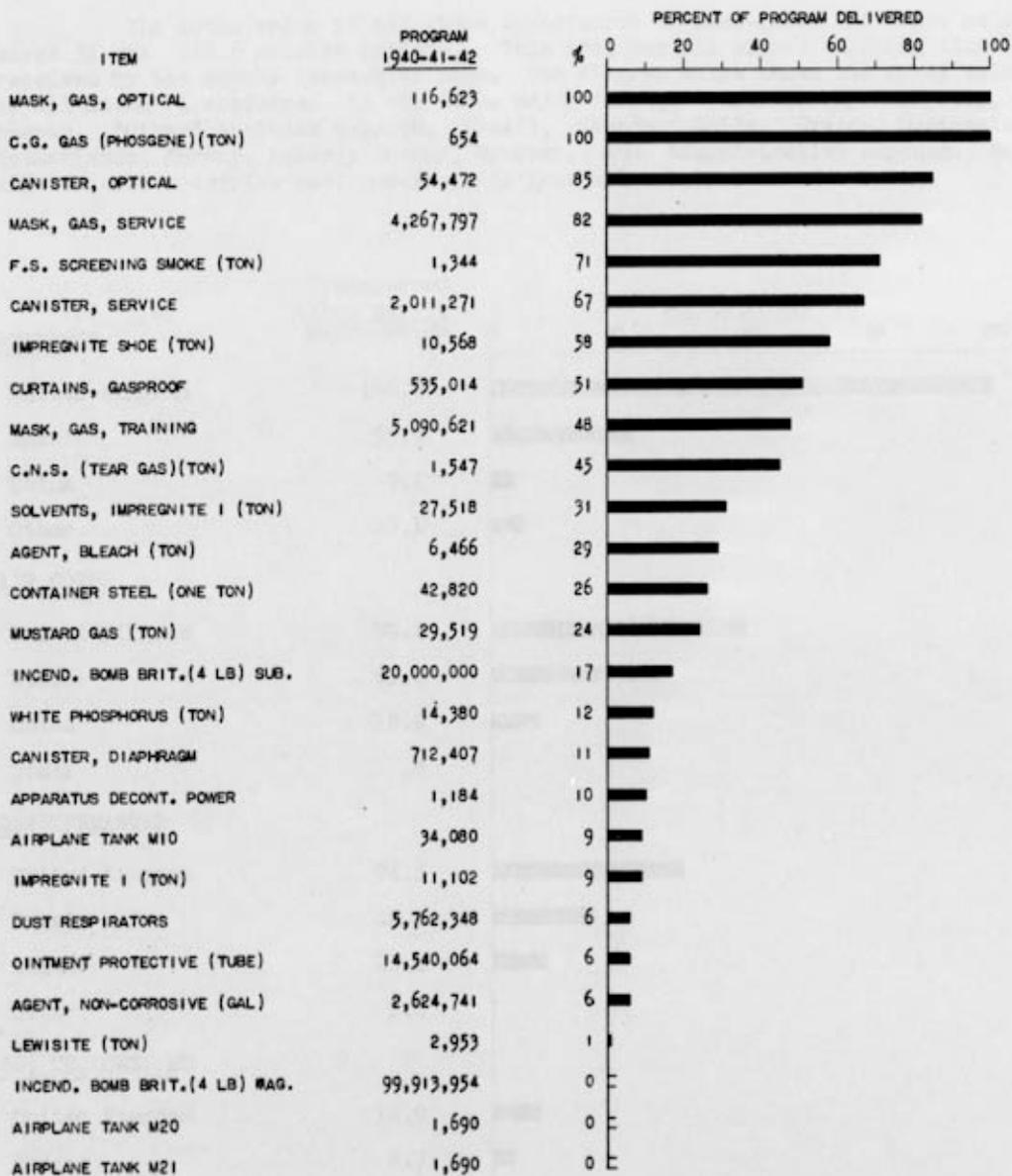
	Acceptances					Estimates: Apr-Jul, 1942			
	Dec	Jan	Feb	Mar	Apr 1-10	Apr	May	Jun	Jul
<u>CHEMICAL AGENTS (ton)</u>									
Lewisite Gas (ML)	0	0	0	28	15	40	40	40	40
Mustard Gas (HS)	621	615	724	586	334	300	600	1,200	1,800
Screening Smoke (FS)	0	250	202	205	39	300	96	---	---
Screening Smoke (HC)	0	0	0	0	0	200	300	300	300
Tear Gas (CNS)	0	120	226	277	67	150	150	150	150
White Phosphorus (WP)	47	207	0	523	159	Procured as Needed			
<u>CHEMICAL AMMUNITION</u>									
Incend. Bomb Mag. (4 lb)*	0	0	4	111	25	160	160	160	160
Incend. Bomb Sub. (4 lb)*	38	246	780	1,911	428	2,000	2,000	4,000	4,000
Land Mines*	148	160	303	80	0	No production schedule			
Shells C.M.*	0	0	0	3	3	15	48	48	48
Shells L.P.	0	3,548	0	0	0	5,000	5,000	5,000	5,000
<u>PROTECTIVE AGENTS</u>									
Agent Bleach (ton)	375	186	202	382	26	310	310	310	360
Agent Non-Corr. (gal)*	0	0	0	28	38	40	40	40	40
Impregnite "I" (ton)	5	48	152	217	122	300	500	500	500
Ointment, Prot. (tube)*	0	57	0	394	210	450	450	450	450
Shoe Impreg. (ton)	504	808	1,176	1,127	661	1,300	1,300	1,300	500
Solvents, Impreg. (ton)	1,599	1,366	880	1,202	718	850	850	850	850
<u>EQUIPMENT</u>									
Airplane Tanks M-10	252	0	928	722	564	850	850	6,850	6,090
Airplane Tanks M-20	0	0	0	0	0	156	0	0	50
Airplane Tanks M-21	0	0	0	0	0	156	0	0	0
Apparatus Decont. Power	0	0	0	67	44	160	160	160	160
Canister, Prot. Coll.	6	520	1,493	2,750	932	2,000	1,237	---	---
Canister, Svc. & Dia.*	156	190	254	247	40	240	240	164	---
Collector, Prot. Field	0	197	600	1,334	262	500	169	---	---
Containers, Steel	900	568	1,112	1,627	1,280	2,000	2,000	2,000	2,000
Curtains, Gasproof*	63	78	63	29	0	65	65	65	65
Decont. Equip. (1½ qt)*	28	12	20	25	7	57	78	78	78
Flame Thrower	0	0	50	427	196	250	253	---	---
Mask, Gas, Diaphragm*	94	104	21	8	0	30	30	30	30
Mask, Gas, Service*	183	154	175	146	99	140	140	140	140
Mask, Gas, Training*	159	150	141	105	6	100	250	400	400
Respirators, Dust*	35	14	0	4	4	131	500	500	500

* Figures in thousands

--- Program complete

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - APRIL 10, 1942

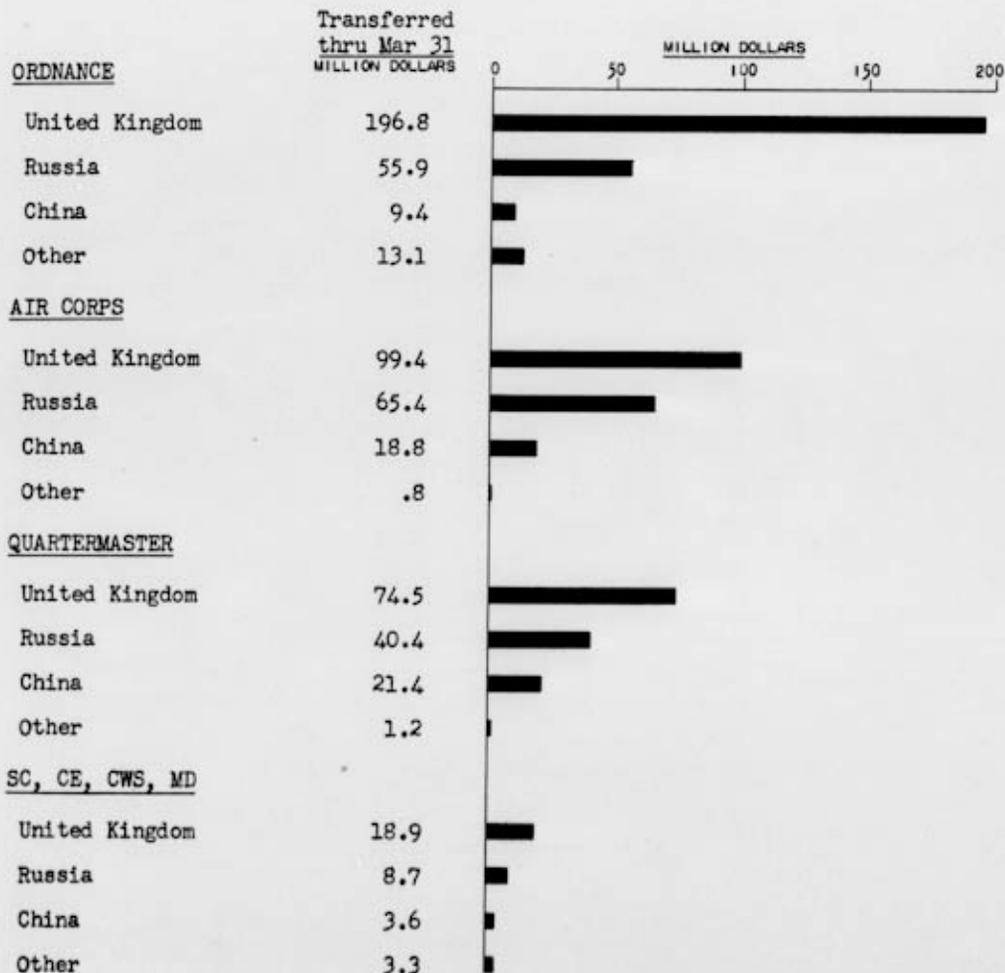
Source of Information: Chemical Warfare Service



DEFENSE AID - STATUS OF FUNDS TRANSFERRED - MARCH 31, 1942

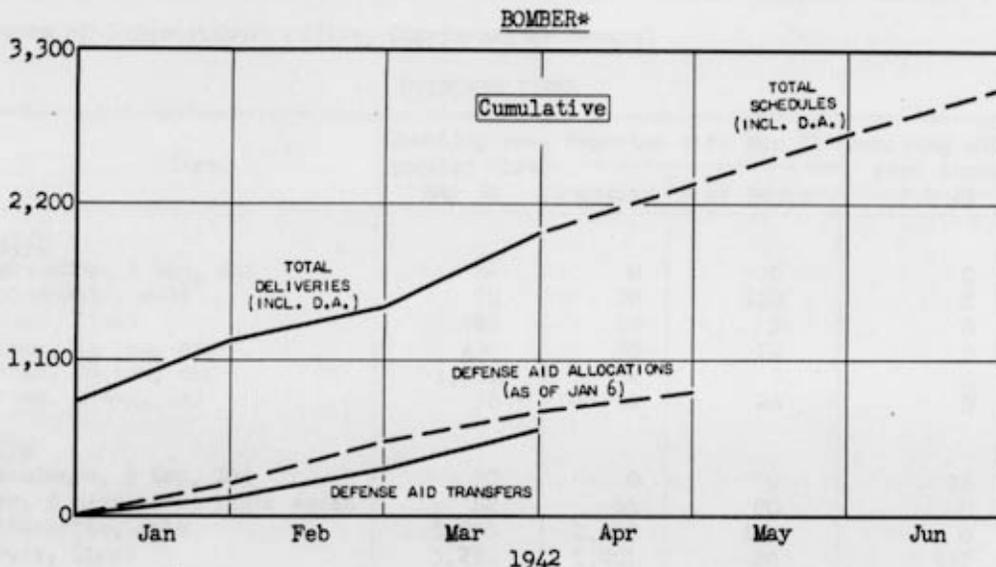
Source of Information: Office of the International Division

The total value of all items transferred to Lend-Lease countries as of March 31 was 631.6 million dollars. This includes all signed shipping tickets received by the supply bureaus to date. The diagram below shows the money value of all items transferred to the three major foreign countries by each supply bureau. "Other" includes Belgium, Brazil, Canada, Chile, Greece, Guatemala, Netherlands, Norway, Poland, Turkey, Uruguay, and administrative expense. Not all of these countries have received aid from all supply bureaus.

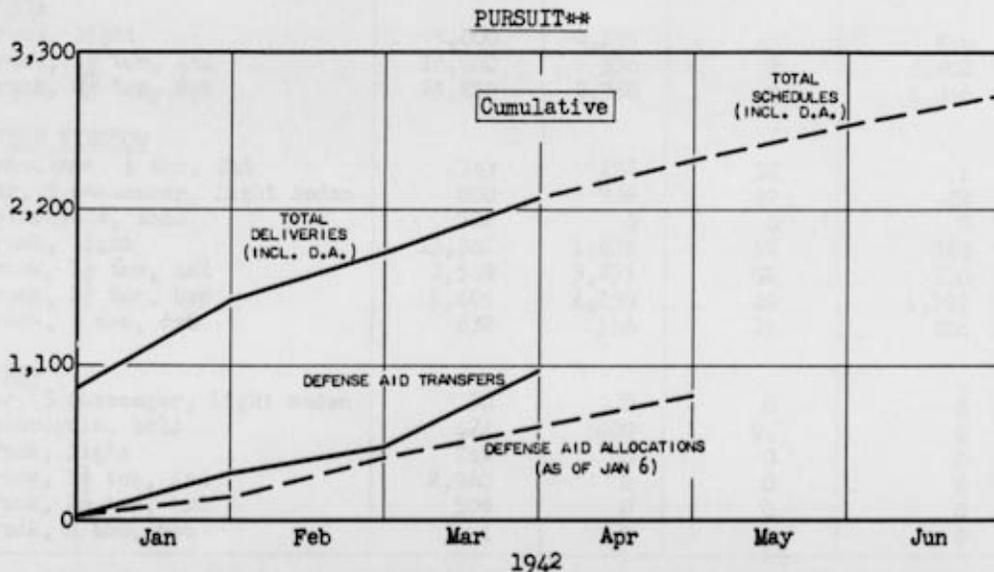


TOTAL ARMY PLANES DELIVERED & SCHEDULED & THOSE DIVERTED TO DEFENSE AID - MAR. 31, 1942

Source of Information: Materiel Div., Air Corps and Office of the International Div.



* Includes only models on which there have been D.A. transactions (B-24D, B-17E, B-25B, B-25C, A-20C, A-20, A-28, A-29, and A-29A.)



** Includes only models on which there have been D.A. transactions (P-39C, P-40C, P-40E, P-40E-1, P-40G, and P-43A-1.)

DEFENSE AID - REQUESTS AND EXPORTS - VEHICLES PROCURED THRU QUARTERMASTER CORPS

Source of Information: Office, Quartermaster General

STANDARD ITEMS

Item	Quantity re- quested thru Mar 31	Exported thru Mar 31		Awaiting ship- ment since Feb 28
		Quantity	% of Request	
<u>BRAZIL</u>				
Ambulance, $\frac{1}{2}$ ton, 4x4	62	0	0	0
Motorcycle, solo	30	30	100	0
Truck, light	680	20	3	0
Truck, $1\frac{1}{2}$ ton, 4x4	430	50	12	0
Truck, $2\frac{1}{2}$ ton, 6x6	1,085	52	5	0
Truck, 4 ton, 6x6	36	10	28	0
<u>CHINA</u>				
Ambulance, $\frac{1}{2}$ ton, 4x4	80	0	0	16
Car, 5 passenger, light sedan	82	66	80	0
Motorcycle, solo	1,000	1,000	100	0
Truck, light	5,254	1,061	20	652
Truck, $1\frac{1}{2}$ ton, 4x4	365	0	0	0
Truck, $2\frac{1}{2}$ ton, 6x6	12,531	2,777	22	1,198
Truck, 4 ton, 6x6	267	74	28	0
<u>RUSSIA</u>				
Truck, light	5,000	2,187	44	910
Truck, $1\frac{1}{2}$ ton, 4x4	16,000	536	3	3,602
Truck, $2\frac{1}{2}$ ton, 6x6	25,880	2,358	9	1,356
<u>UNITED KINGDOM</u>				
Ambulance, $\frac{1}{2}$ ton, 4x4	763	262	34	1
Car, 5 passenger, light sedan	800	778	97	22
Motorcycle, solo	722	0	0	2
Truck, light	13,342	1,635	12	320
Truck, $1\frac{1}{2}$ ton, 4x4	3,549	3,235	91	110
Truck, $2\frac{1}{2}$ ton, 6x6	8,405	4,159	49	1,701
Truck, 4 ton, 6x6	632	156	25	204
<u>OTHER*</u>				
Car, 5 passenger, light sedan	30	0	0	0
Motorcycle, solo	424	400	94	0
Truck, light	742	0	0	0
Truck, $1\frac{1}{2}$ ton, 4x4	2,960	0	0	0
Truck, $2\frac{1}{2}$ ton, 6x6	309	0	0	0
Truck, 4 ton, 6x6	4	0	0	0

* Includes Belgium, Chile, Netherlands, Poland, and Turkey.

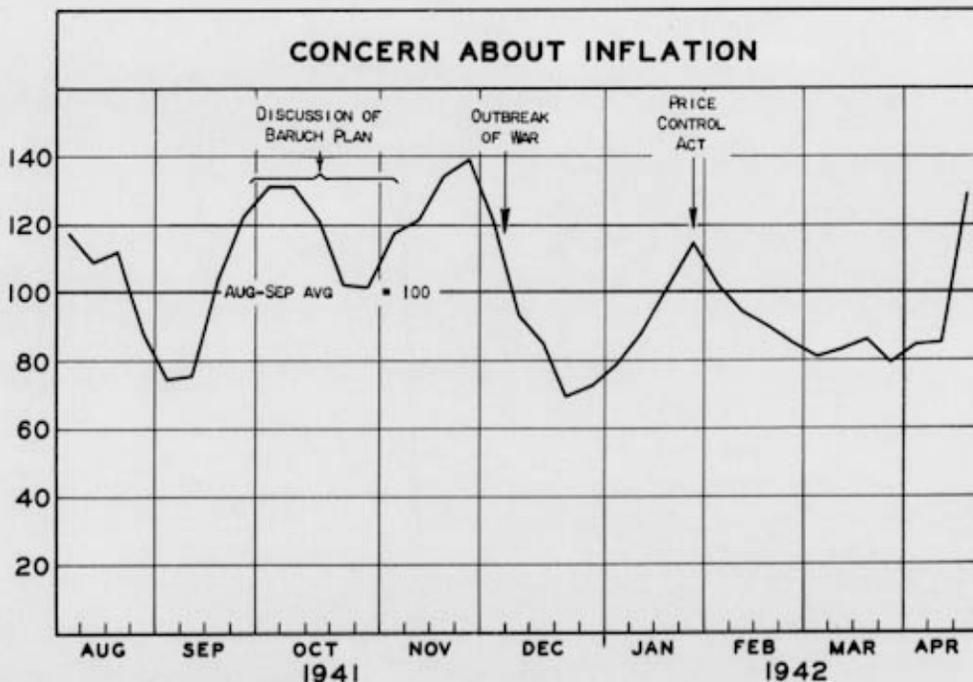
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

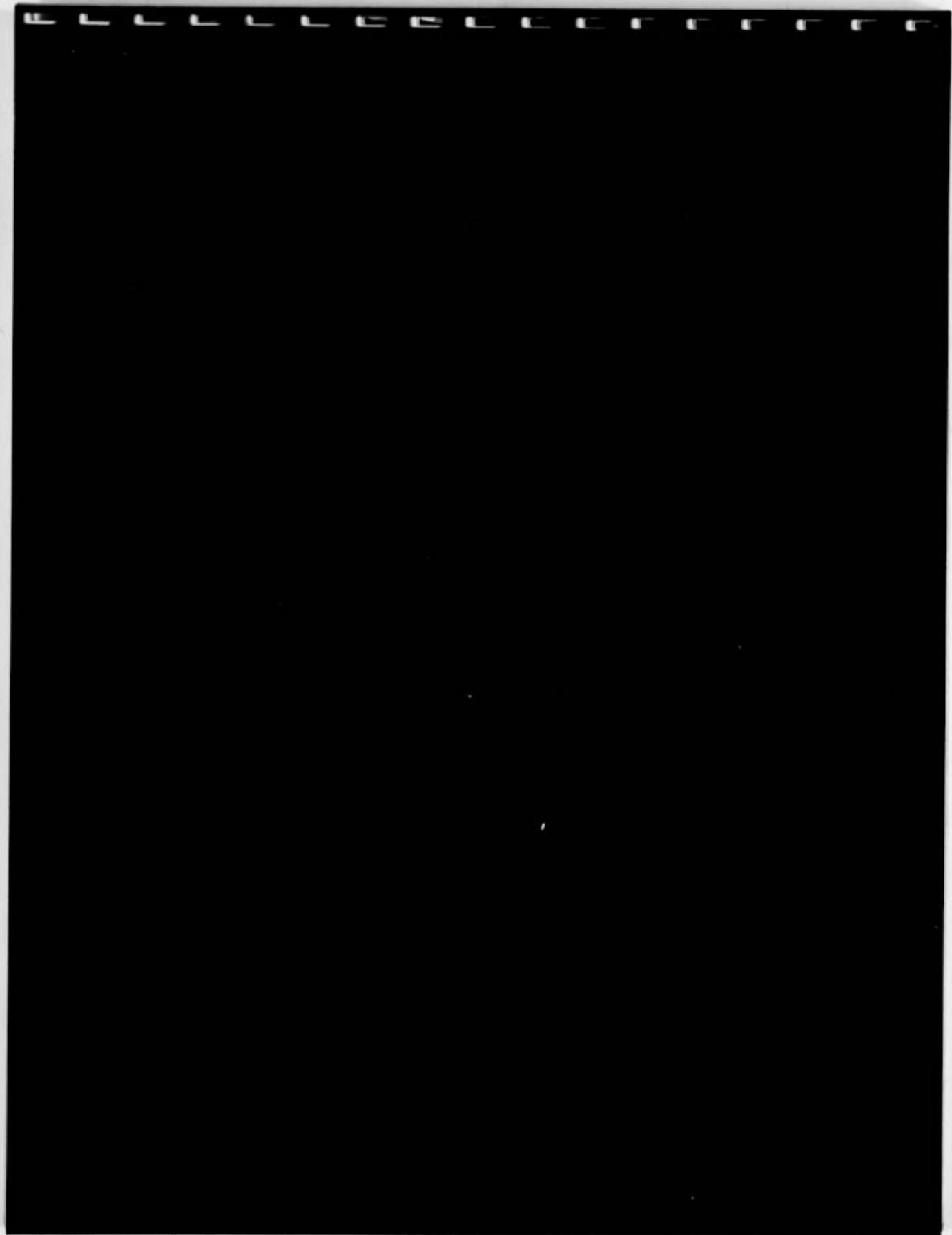
Source of Information: Statistical Service, April 15, 1942

Concern about inflation has held at relatively high levels ever since last summer. It has fluctuated in wave-like cycles, as the diagram indicates.

The causes of the waves can be identified as discussions of such matters as the Baruch plan, the appointment of the Price Administrator, the Federal Reserve statement on the subject, and so on. The line dropped sharply after Pearl Harbor but this reflected a diversion of editorial interest to the war rather than a real decrease of interest in inflation.

During recent weeks the line has been sharply rising once more and is almost at the high levels of the earlier peaks. This may have been forecasting the current new price developments which include the limiting orders. The line has all the characteristics of the beginning of a major peak and editorial pressure for positive action to control inflation may be expected in important volume in the week ahead.





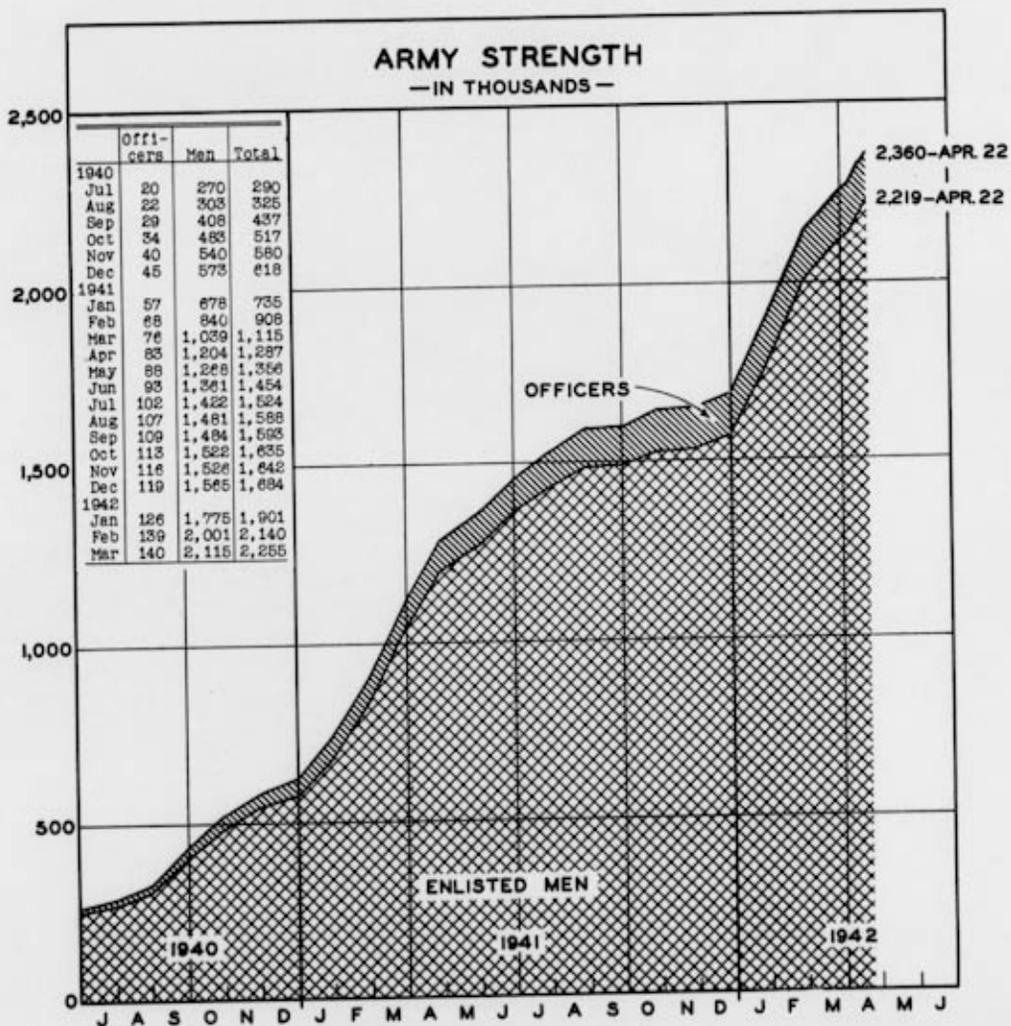
WEEKLY STATISTICAL SUMMARY
 REPORT NO. 43
APRIL 23, 1942

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SECRET

ARMY STRENGTH - APRIL 22, 1942

Source of Information: Statistics Branch, General Staff



SECRET

TEXT SUMMARY - ORDNANCE DEPARTMENT - APRIL 23, 1942

Source of Information: Ordnance Department; General Staff; and Statistical Service, SOS

REVISION OF SCHEDULES

Revised schedules adjusted to the new requirements of the Army Supply Program will be available at the end of this month. Revisions generally are downward, although some important increases are to be noted. The reduction in tanks, for instance, is partly offset by an increase in self-propelled guns. Many of the Artillery items in the list of Presidential Objectives also show an increase, namely the 3 inch and 57mm antitank guns; 75mm, 105mm and 155mm howitzers; and the 4.5 inch gun. The following items remain as before: 37mm antitank guns and 37mm and 40mm anti-aircraft guns. The cal.30 and cal.50 ground, tank and anti-aircraft machine guns likewise show no change.

TANKS AND COMBAT VEHICLES

According to report of April 15 by the Tank and Combat Vehicle Division, "There has been a considerable cut in the tank objectives for the calendar year 1942 so far as vehicles strictly called tanks are concerned. There has been added to the program a large quantity of self-propelled artillery. This self-propelled artillery mounts various types of guns on tank chassis so that from an industrial standpoint these self-propelled vehicles are virtually tanks. By and large we have therefore had a virtual renaming of part of our product. This is exemplified by the medium tank, where the 1942 requirement has been cut from 25,000 to 14,000 but there has been added to that 6,580 self-propelled mounts requiring medium tank chassis so that in effect we now have to make 20,580 medium tanks instead of 25,000. The net overall effect has been to reduce our whole 1942 program by some 10 to 15 percent. As you know, this small cut consists either of production which we did not have in sight or which was somewhat questionably in sight. The new program transfers this marginal production to the calendar year 1943 so that the 1943 requirement is in general somewhat larger than the one under the old program."

DISTRIBUTION OF TOTAL ORDNANCE

A comparison of the percentage distribution of various types of munitions under the new requirements with that shown by the present schedules is shown in the following table:

	<u>1942</u>		<u>1943</u>	
	<u>Requirement</u>	<u>Schedule</u>	<u>Requirement</u>	<u>Schedule</u>
Ammunition	33.1	35.6	32.6	42.3
Artillery	22.1	12.5	18.9	11.3
Tanks	20.0	32.1	24.7	30.6
Small Arms	9.8	9.9	9.1	6.7
Small Arms Amm.	15.0	9.9	14.7	9.1
All Ordnance	100.0	100.0	100.0	100.0

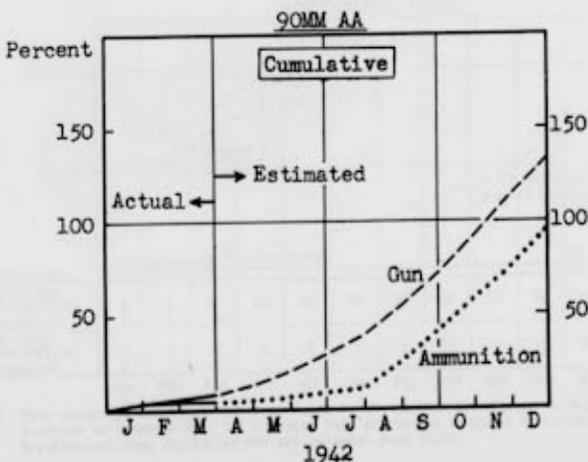
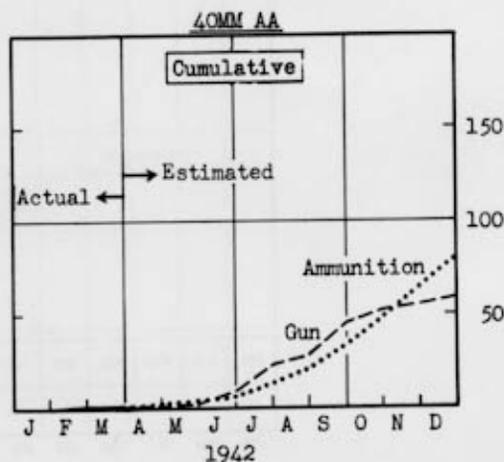
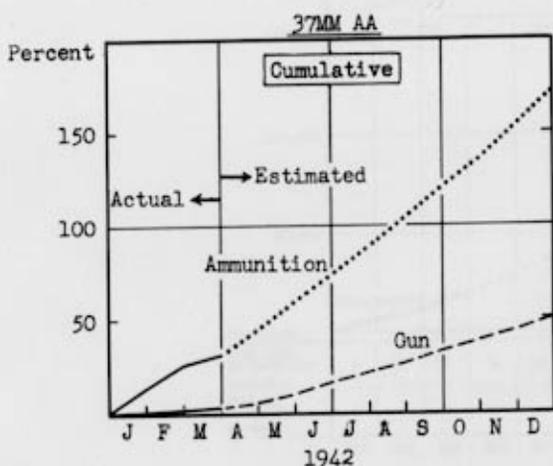
This distribution is based on estimates as of March 1, 1942 which indicate a total dollar value of 8,707 millions scheduled for 1942. The 1943 schedule is based on the assumption that the rate of production of December, 1942, will be maintained thereafter.

BALANCE - GUNS VS. AMMUNITION - ANTI-AIRCRAFT - MARCH 31, 1942

Source of Information: Ordnance Department and General Staff

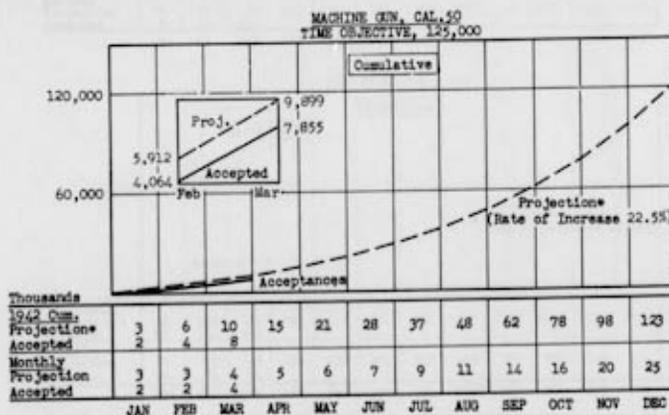
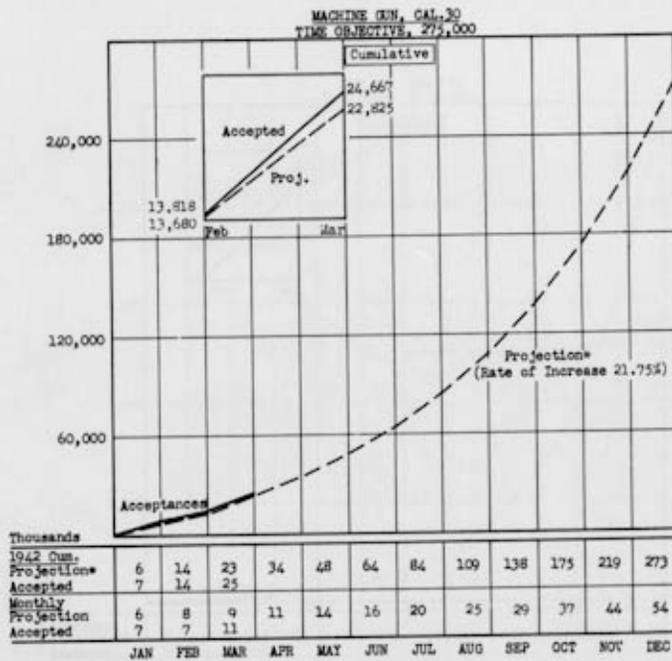
March 31 Ordnance Department estimates show that 1942 production of 37mm anti-aircraft guns will meet only 50 percent of the objective, while the ammunition objective for these guns will be met by August. Objectives are the 1942 production requirements as prescribed by the Army Supply Program of March 20. Both 40mm anti-aircraft gun and ammunition production will fall short of the objective.

Production of 90mm anti-aircraft ammunition is lagging behind that of the gun. The time mechanical fuze M43A2 is limiting production.



MACHINE GUNS - 1942 TIME OBJECTIVES - MARCH 31, 1942

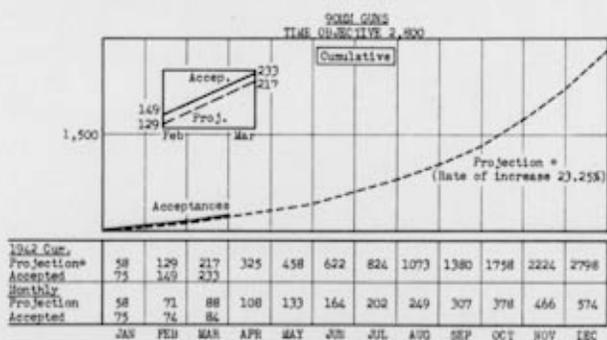
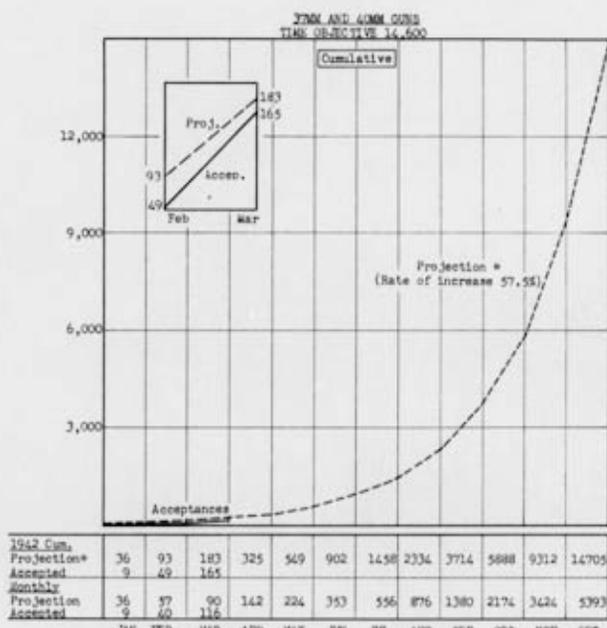
Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

ANTI-AIRCRAFT GUNS - 1942 TIME OBJECTIVES - MARCH 31, 1942

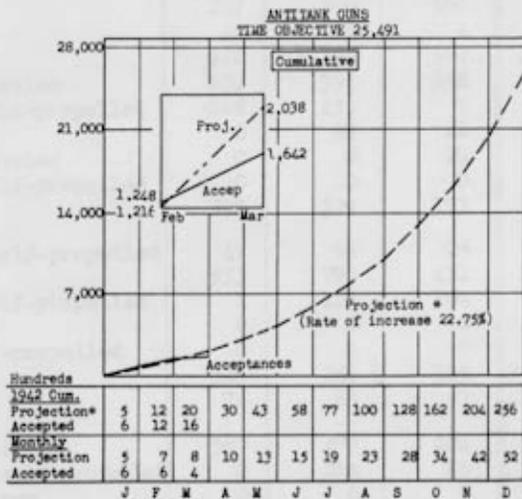
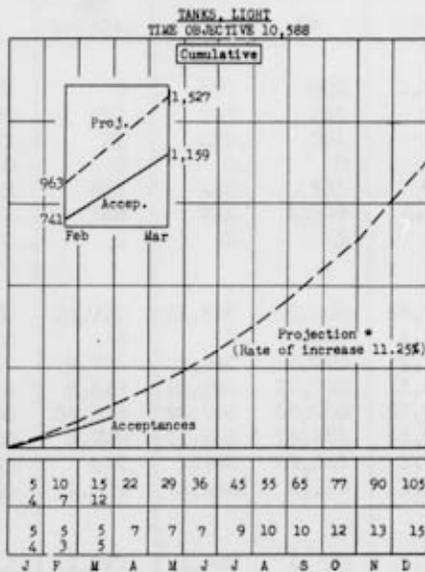
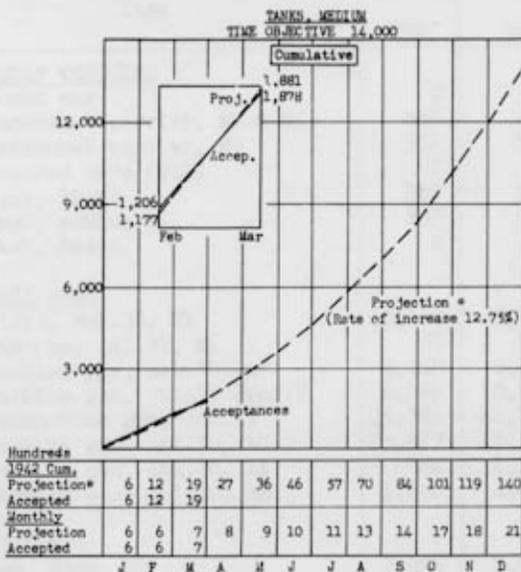
Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

TANKS AND ANTI-TANK GUNS - 1942 TIME OBJECTIVES - MARCH 31, 1942

Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the Presidential time objectives for the calendar year 1942.

EQUIPMENT PROCUREMENT - SUMMARY - APRIL 15, 1942

Source of Information: Ordnance Department

Item	Accepted			Estimated		
	Feb	Mar	Apr 1-15(a)	Apr	May	Jun
<u>COMBAT VEHICLES</u>						
Scout car	0	0	0	650	800	1,187
Personnel carrier, M2 & M4	587	480	152	500	441	524
Personnel carrier, M3	335	192	71	475	551	550
Armored cars (all)	0	0	0	0	0	5
Tank, light	363	418	267	440	515	660
Tank, medium	630	672	368	724	1,009	1,230
Tank, heavy	0	0	0	0	3	4
<u>SMALL ARMS</u>						
Rifle, cal.30, M1	40,260	49,180	25,720	52,500	55,000	56,000
Carbine, cal.30, M1	20	0	0	0	500	1,105
Machine gun, cal.30, AC	4,440	6,090	3,726	7,240	8,970	9,740
Machine gun, cal.30 (Var.)	6,389	10,849	5,447	10,350	10,750	11,600
Submachine gun, cal.45	45,783	41,766	26,523	58,200	60,000	52,500
Machine gun, cal.50, AC	15,197	15,530	6,700	14,104	15,181	15,948
Machine gun, cal.50, AA	784	1,135	901	2,780	3,345	3,670
Machine gun, cal.50, HB	1,656	2,656	1,705	2,490	2,570	3,950
<u>ARTILLERY</u>						
Gun, 20mm, AC	2,826	3,912	2,017	4,362	4,736	5,900
Gun, 37mm, AC	267	360	196	400	425	600
Gun, 37mm, AA	40	51	4	100	150	200
Gun, 37mm, tank	942	1,496	560	1,527	1,800	1,874
Gun, 37mm, AT, wheeled	639	394	358	685	1,036	1,199
Gun, 37mm, AT, self-propelled	168	456	0	376	0	0
Gun, 40mm, AA	0	65	22	66	100	817
Gun, 57mm, AT, wheeled	0	2	29	85	200	370
Gun, 57mm, AT, self-propelled	0	0	0	0	0	0
Mortar, 60mm	300	379	173	700	825	825
Howitzer, 75mm, self-propelled	47	68	25	0	0	0
Gun, 75mm, tank	533	796	431	1,070	1,254	1,570
Gun, 75mm, AT, self-propelled	1	101	104	180	180	180
Gun, 3", tank	0	0	0	0	0	0
Gun, 3", AT, self-propelled	0	0	0	0	0	0
Mortar, 81mm	345	286	105	351	361	425
Gun, 90mm, AA	74	84	57	140	181	245
Howitzer, 105mm, field	367	479	204	456	402	456
Howitzer, 105mm, self-propelled	0	214	86	156	156	24
Howitzer, 155mm, new	0	0	0	0	0	0
Gun, 155mm, M1	28	31	10	30	30	30

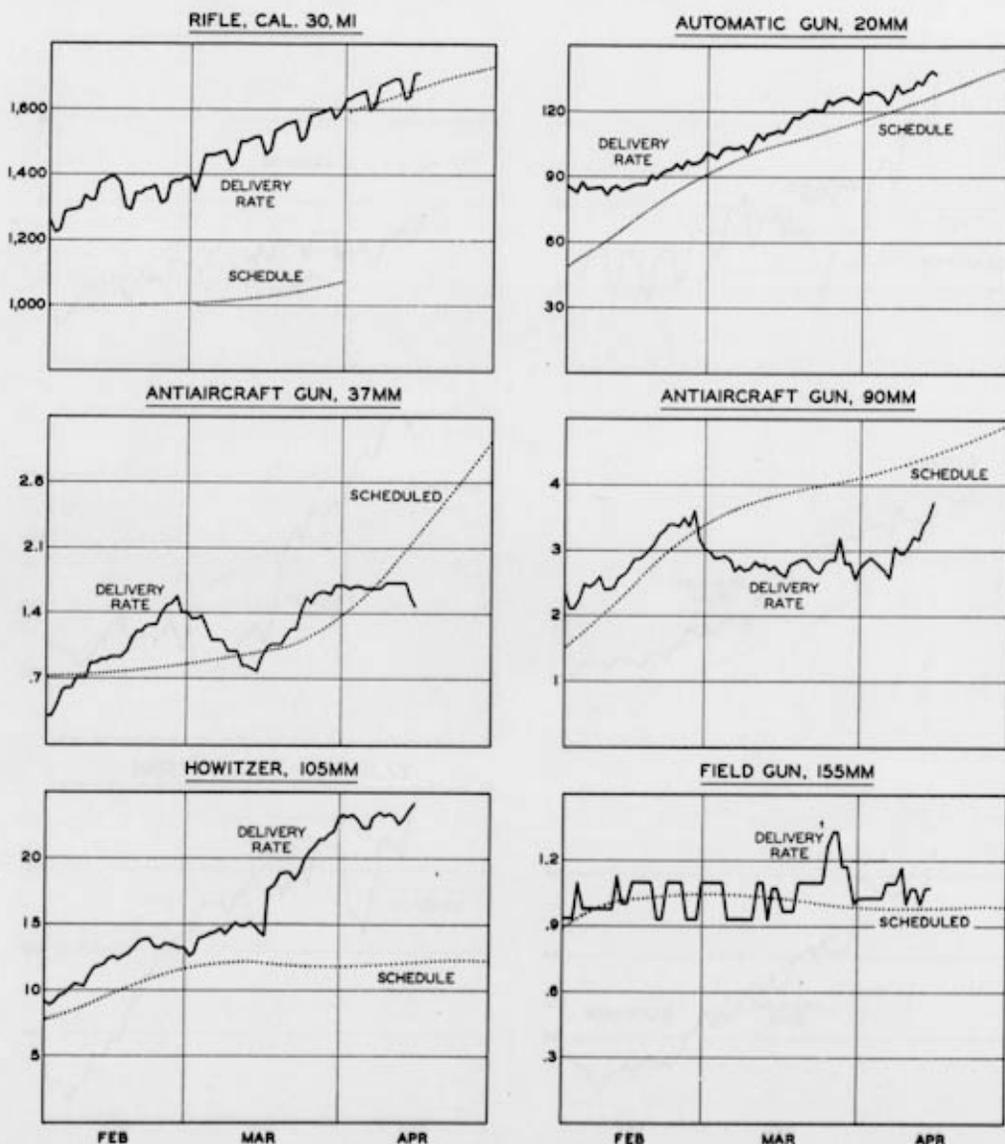
(a) Preliminary.

Note: Items include Army, Navy and Defense Aid.

DAILY RATES - ORDNANCE PROCUREMENT - APRIL 15, 1942

Source of Information: Ordnance Department

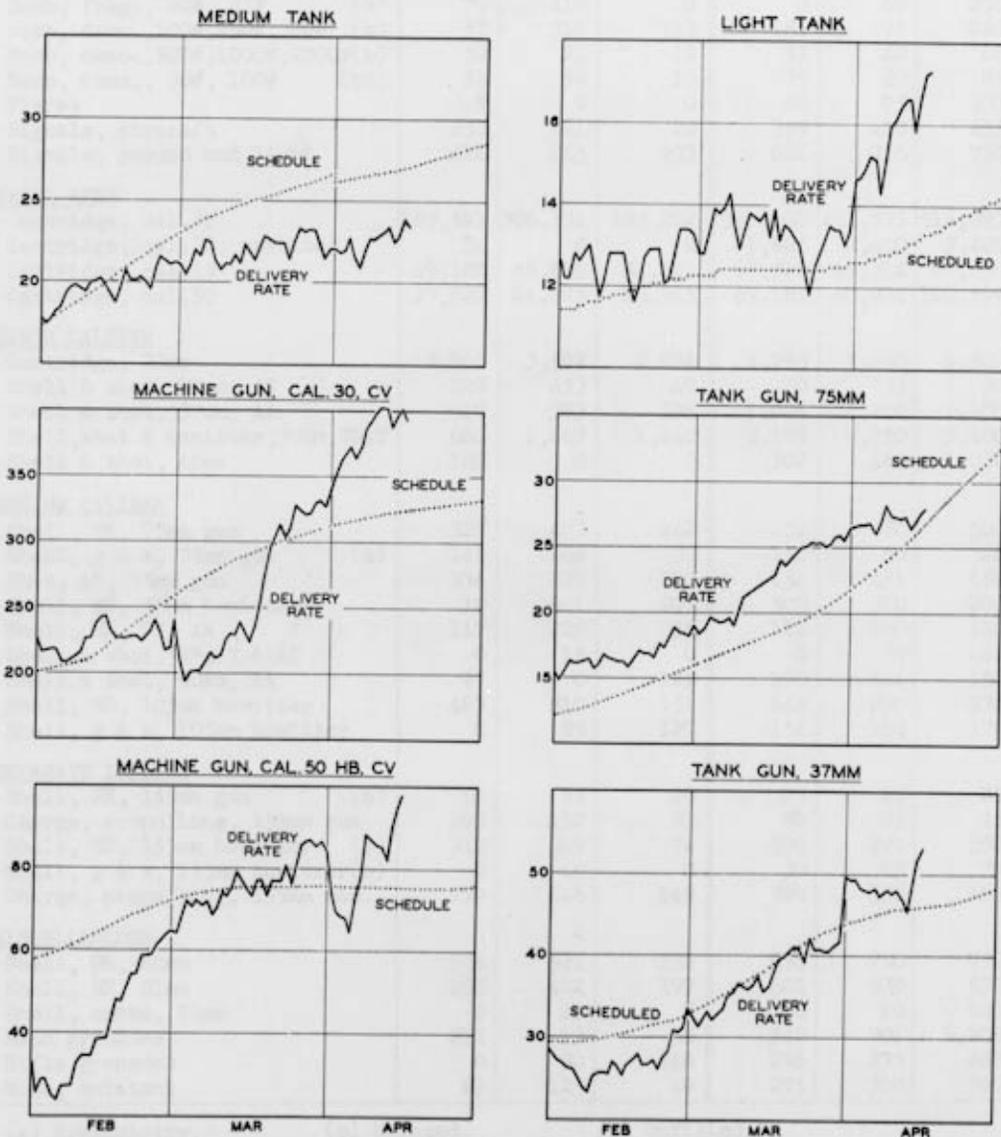
Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



DAILY RATES - ORDNANCE PROCUREMENT - APRIL 15, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



AMMUNITION PROCUREMENT - SUMMARY - APRIL 15, 1942

Source of Information: Ordnance Department

Item	Accepted			Estimated		
	Feb (Thous)	Mar (Thous)	Apr 1-15(a) (Thous)	Apr (Thous)	May (Thous)	Jun (Thous)
BOMBS & PYROTECHNICS						
Bomb, frag., 20#, 23# (b)	79	110	0	0	40	256
Bomb, demo., 100#, 250#, 300# (b)	57	318	113	181	195	220
Bomb, demo., 500#, 1000#, 2000#(b)	58	23	19	32	40	68
Bomb, chem., 30#, 100# (bc)	51	58	15	75	89	85
Flares	5	9	0	84	95	107
Signals, aircraft	257	161	20	359	410	413
Signals, ground and light	414	245	203	624	716	750
SMALL ARMS						
Cartridge, cal.30	185,591	306,171	185,392	397,603	461,573	516,893
Cartridge, cal.30, carbine	34	0	0	1,825	2,400	3,400
Cartridge, cal.45	49,180	65,676	34,842	67,510	69,314	99,650
Cartridge, cal.50	27,827	44,775	26,315	69,181	89,974	122,599
MINOR CALIBER						
Cartridge, 20mm	2,963	3,592	2,674	4,795	7,650	9,500
Shell & shot, 37mm, AC	228	453	49	0	555	50
Shell & shot, 37mm, AA	910	383	196	1,024	1,200	1,100
Shell, shot & canister, 37mm, T&AT	666	1,443	1,140	2,109	2,750	3,400
Shell & shot, 40mm	108	0	0	302	460	1,030
MEDIUM CALIBER						
Shell, HE, 75mm gun	327	473	242	451	480	500
Shell, g & s, 75mm gun (b)	141	62	37	110	50	26
Shot, AP, 75mm gun	336	227	200	454	431	650
Shell, HE, 75mm howitzer	10	641	207	500	300	200
Shell, HE, 3", AA	147	226	55	112	100	100
Shell & shot, 3", T & AT	0	15	0	0	30	140
Shell & shot, 90mm, AA	97	0	121	100	144	150
Shell, HE, 105mm howitzer	463	810	151	648	800	970
Shell, g & s, 105mm howitzer	0	85	129	154	169	170
SEPARATE LOADING						
Shell, HE, 155mm gun (b)	46	55	20	25	45	88
Charge, propelling, 155mm gun	203	132	83	89	55	55
Shell, HE, 155mm howitzer (b)	310	319	74	336	291	350
Shell, g & s, 155mm howitzer(b)	2	40	0	30	65	70
Charge, propelling, 155mm how.	779	646	149	399	130	165
MISCELLANEOUS						
Shell, HE, 60mm	356	591	336	855	750	750
Shell, HE, 81mm	263	402	197	601	530	530
Shell, smoke, 81mm	0	20	2	0	90	100
Hand grenades	212	13	58	348	701	1,205
Rifle grenades	0	80	140	196	275	280
Mine, antitank	49	125	49	275	300	300

(a) Preliminary. (b) Unfuzed. (c) Unfilled.
 Note: Items include Army, Navy and Defense Aid.

MONTHLY ACCEPTANCES - AMMUNITION - MARCH 31, 1942

Source of Information: Ordnance Department

(All Figures in Thousands)

	A I R C R A F T						I N F A N T R Y								
	BOMB FRAG. 20# 23#	BOMB		BOMB CHEM. 30# 100#	CART- RIDGE 20MM	SHELL AND SHOT 37MM	CARTRIDGE			SHELL AND SHOT 37MM T & AT	MORTAR		GRENADE HE FRAG.	MINE AT	
		100#	500#				CAL. 30	CAL. 45	CAL. 50		HE 60MM	HE 81MM			
		250#	1000#												
300#	2000#														
1940															
JUL	0	0	0	0	0	0	10,976	1,036	1,252	0	0	0	0	0	
AUG	0	0	0	0	0	0	12,614	1,850	1,638	0	0	0	0	0	
SEP	0	5	1	0	0	0	15,060	1,400	2,245	.4	0	6	0	0	
OCT	0	0	0	0	0	0	16,203	1,180	2,290	7	0	0	0	0	
NOV	0	10	0	0	0	0	19,455	1,800	2,350	0	0	6	0	0	
DEC	0	0	0	0	0	0	22,800	1,896	2,671	0	0	0	0	0	
1941															
JAN	0	0	0	0	0	0	30,984	9,478	3,495	0	0	0	0	0	
FEB	0	0	0	0	0	0	31,552	9,400	3,122	0	0	0	0	0	
MAR	0	0	.03	5	0	0	47,260	20,000	4,597	34	0	16	0	0	
APR	0	7	7	0	0	.2	52,823	14,600	6,460	81	0	54	0	0	
MAY	0	0	19	.1	0	0	54,158	25,099	4,899	54	0	13	71	0	
JUN	28	0	7	0	0	61	50,976	24,916	5,391	61	33	20	0	0	
JUL	.2	43	7	76	0	18	56,374	18,143	6,192	0	2	0	0	0	
AUG	93	0	8	14	735	43	48,579	26,706	5,292	0	3	0	127	0	
SEP	58	20	0	27	849	0	65,134	32,630	6,391	0	0	0	211	0	
OCT	120	.2	1	34	1,489	197	66,054	29,652	6,688	2	0	.06	217	0	
NOV	112	60	0	37	2,175	219	82,282	25,754	5,701	247	58	53	178	0	
DEC	93	27	4	27	1,282	166	108,736	33,889	14,075	282	297	110	177	0	
1942															
JAN	71	104	60	2	6,146	20	182,912	43,598	26,100	323	603	129	58	2	
FEB	79	57	58	51	2,963	228	185,591	49,180	27,827	566	356	263	212	49	
MAR	110	38	23	58	3,592	453	306,171	65,676	44,775	1,443	591	402	0	125	
	A N T I A I R C R A F T						A R T I L L E R Y								
	S H E L L					S H E L L									
	37MM	40MM	3"		90MM	SHOT 75MM GUN	HE 75MM GUN		HE 75MM HOW		HE 105MM HOW	HE 155MM GUN		HE 155MM HOW	
			NEW	RENO- VATED			NEW	RENO- VATED	NEW	RENO- VATED	NEW	RENO- VATED	NEW	RENO- VATED	NEW
1940															
JUL	0	0	0	0	0	0	0	75	0	0	0	0	15	0	65
AUG	0	0	0	0	0	0	0	78	0	0	0	0	16	0	69
SEP	0	0	25	0	0	0	0	125	81	0	0	0	41	0	19
OCT	0	0	0	0	0	0	0	165	36	0	0	0	24	0	20
NOV	0	0	12	0	0	0	0	181	41	0	0	0	28	0	28
DEC	0	0	16	0	0	0	0	129	20	0	0	0	32	0	35
1941															
JAN	0	0	12	0	0	0	0	207	15	0	0	0	4	0	30
FEB	0	0	0	0	0	0	0	283	0	0	22	0	0	0	18
MAR	0	0	1	0	0	0	0	253	5	0	35	0	0	0	19
APR	0	0	0	0	0	0	40	286	0	0	.2	0	20	0	19
MAY	22	0	3	0	0	0	48	71	10	20	2	0	27	0	57
JUN	0	0	0	0	0	0	9	78	0	5	3	0	27	0	55
JUL	0	0	0	108	0	0	0	69	22	6	0	0	16	0	42
AUG	329	0	3	0	2	0	0	39	0	6	0	0	15	0	24
SEP	156	0	19	42	2	0	0	96	13	7	0	0	15	0	1
OCT	183	0	30	12	5	0	.3	95	13	4	0	2	23	2	30
NOV	16	0	126	9	0	0	235	81	9	0	19	0	9	92	21
DEC	301	0	225	.4	188	0	294	79	0	COM- PLETE	272	0	COM- PLETE	89	23
1942															
JAN	1,075	0	205	0	231	2	260	72	346	546	20	0	186	15	
FEB	910	108	147	0	97	336	327	44	10	463	46	0	310	20	
MAR	383	0	226	6	0	227	473	COMP	641	810	55	0	319	9	

NOTE: ITEMS INCLUDE ARMY, NAVY AND DEFENSE AID.

AIRCRAFT PROCUREMENT

Source of Information: Materiel Command - Army Air Forces

U. S. AIRPLANE ACCEPTANCES

United States airplane acceptances for the first half of April were 1,398. It has developed that more acceptances generally are concentrated in the latter half of the month than in the first half. A study indicating the percentage distributions experienced so far this year by half months shows the following results:

DISTRIBUTION OF MONTHLY ACCEPTANCES BY HALF MONTHLY PERIODS January 1, 1942 to Date

	JAN		FEB		MAR		APR
1st Half	1,362	45%	1,378	44%	1,328	38%	1,398
2nd Half	1,656	55%	1,775	56%	2,183	62%	
	3,018		3,153		3,511		

The distribution by customers of preliminary acceptances for the period April 1-15 inclusive was as follows:

U. S. AIRPLANE ACCEPTANCES - APRIL 1-15, 1942 (Preliminary)

	Army	Defense Aid	Navy	Britain	Other Foreign	Comm.	Total
Bombers	159	52	51	65	-	-	327
Pursuits	22	95	38	61	9	-	225
Service Combat	171	23	36	-	-	-	230
Trainers	491	80	8	-	25	12	616
Total	843	250	133	126	34	12	1,398

Heavy bomber acceptances for the period were 84, up 18 from the first half of March. Pursuit acceptances of 225 were off 94 from March; Curtiss produced 106 units and North American 37, but both Bell and Lockheed were low. Republic had no units accepted in the period, and Vultee, which produced 1 P-66, is retiring from the pursuit field in order to concentrate on other types

FLYAWAYS

Flyaways for the first half of April amounted to 1,408 planes.

DELAYS

Several Douglas bomber types are experiencing trouble with exhaust stacks. The A-20B's are being held up pending further development in power plant cooling work. A shortage of parts has been encountered in assembling the A-20C's. The Douglas F-3's are to have their engines replaced by others with short exhaust stacks. The A-20's are being converted into night fighters (P-70's).

At the Douglas Long Beach plant, where the C-47's are being produced, an acute shortage of experienced personnel has developed. At Santa Monica, on the other hand, one of the C-54's is undergoing flight tests and the remainder are well under way.

TABULAR SUMMARY - STATUS OF ARMY PROCUREMENT PROGRAM - APRIL 15, 1942

Source of Information: Materiel Command - Army Air Forces
8-I - War Production Board

Type	Authorized (a)	Req Prod 1942(b)	Accepted Jan 1, 1942 To Date	April Army Acceptances				
				Quarter Monthly				Total
				1-8	9-15	16-23	24-30	
Heavy bomber	17,364	1,871	456	46	38			84
Medium bomber	7,644	2,402	366	41	34			75
Light bomber	9,640	2,327	11	0	0			0
Pursuit, 2-eng.	5,059	1,321	224(c)	3	6			9
Pursuit, 1-eng.	20,692	7,177	472	4	9			13
Total Combat	60,399	15,098	1,529	94	87			181
Observation (d)	2,965	2,359	965(c)	90	60			150
Transport	8,482	980	140	16	7			23
Total Service Combat	11,447	3,339	1,105	106	67			173
Total Tactical	71,846	18,437	2,634	200	154			354
Adv. trainer, 2-eng.	8,154	2,800	698	44	74			118
Adv. trainer, 1-eng.	6,559	2,058	606	55	59			114
Basic trainer	9,139	3,663	1,159	91	65			156
Primary trainer	10,150	3,410	1,079	72	31			103
Total Trainer	34,002	11,931	3,542	262	229			491
Grand Total	105,848	30,368	6,176	462	383			845

Type	Monthly Army Acceptances						
	Actual			Estimated(e)			
	Jan 1942	Feb 1942	Mar 1942	Apr 1942	May 1942	Jun 1942	Jul 1942
Heavy bomber	82	134	156	170	179	110	38
Medium bomber	19	72	200	193	185	235	276
Light bomber	3	6	2	78	123	179	257
Pursuit, 2-eng.	22(c)	113(c)	80(c)	101	116	122	98
Pursuit, 1-eng.	250	78	131	99	162	258	310
Total Combat	376	403	569	641	765	904	979
Observation (d)	183(c)	293(c)	339(c)	403	400	161	0
Transport	28	36	53	103	102	96	88
Total Service Combat	211	329	392	506	502	257	88
Total Tactical	587	732	961	1,147	1,267	1,161	1,067
Adv. trainer, 2-eng.	134	214	232	282	256	211	240
Adv. trainer, 1-eng.	181	138	173	175	204	214	135
Basic trainer	327	351	325	338	331	345	359
Primary trainer	337	254	385	347	348	261	255
Total Trainer	979	957	1,115	1,142	1,139	1,031	989
Grand Total	1,566	1,689	2,076	2,289	2,406	2,192	2,056

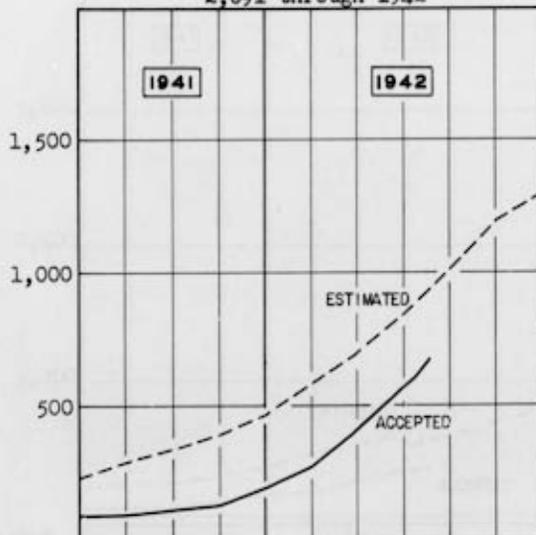
NOTE: Data do not include Defense Aid or Army procurement for Navy.

- (a) Excludes acceptances prior to January 1, 1942.
- (b) Army requirement based on 8-I Report (WPB) - Will be revised upward by 8-J Report.
- (c) Revised figures from redesignation of 100 P-38E's as F-4's and 20 P-38F's as F-4A's.
- (d) Includes Liaison, Reconnaissance and Amphibian.
- (e) Manufacturers' estimates, 3-31-42.

ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 15, 1942

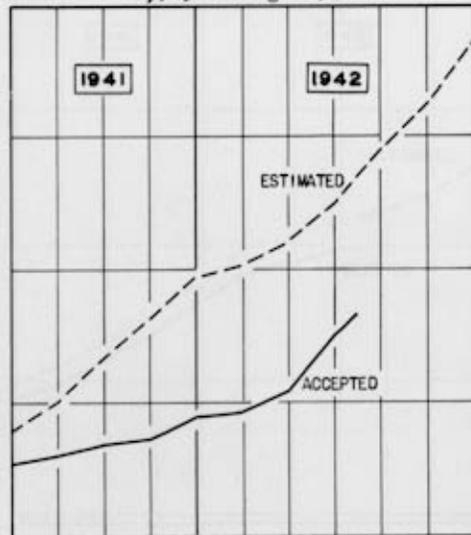
Source of Information: Materiel Command - Army Air Forces

HEAVY BOMBER
2,091 through 1942



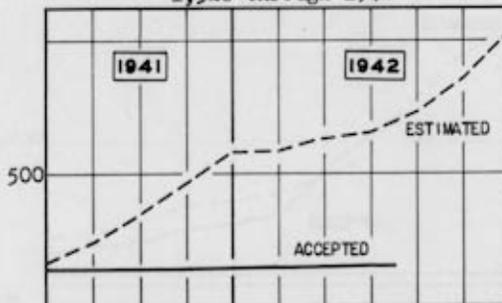
CUMULATIVE ESTIMATE	287	338	393	466	585	691	841	1011	1190	1300
CUMULATIVE ACCEPTANCES	96	108	133	197	279	413	569			
MONTHLY ACCEPTANCES	5	12	25	64	82	134	156	84 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

MEDIUM BOMBER
2,925 through 1942



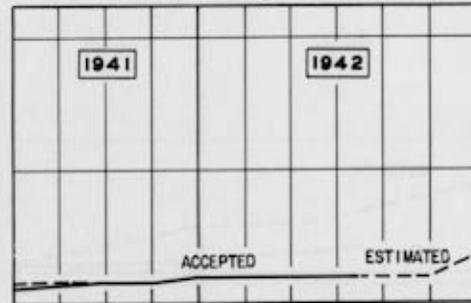
CUMULATIVE ESTIMATE	507	665	819	966	1020	1107	1253	1446	1631	1866
CUMULATIVE ACCEPTANCES	311	349	366	458	477	549	749			
MONTHLY ACCEPTANCES	37	38	17	92	19	72	200	75 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 2-ENG.
1,326 through 1942



CUMULATIVE ESTIMATE	243	353	463	583	585	628	658	736	859	1038
CUMULATIVE ACCEPTANCES	143	143	143	144	147	153	155			
MONTHLY ACCEPTANCES	0	0	0	1	3	6	2	0 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

LIGHT BOMBER, 1-ENG.
296 through 1942

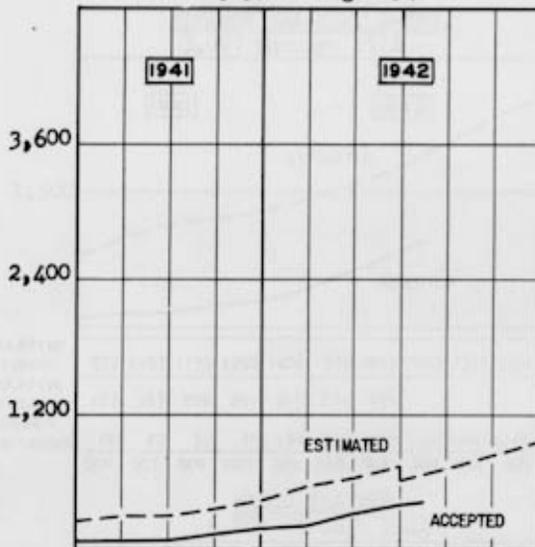


CUMULATIVE ESTIMATE	88	88	88	106	106	106	106	106	106	181
CUMULATIVE ACCEPTANCES	79	88	88	106	106	106	106			
MONTHLY ACCEPTANCES	15	9	0	18	0	0	0	0 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 15, 1942

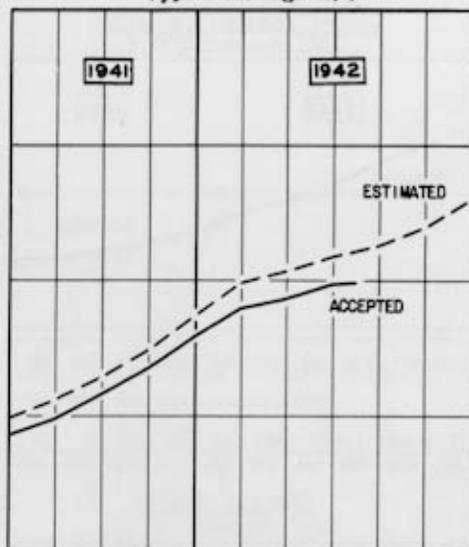
Source of Information: Materiel Command - Army Air Forces

PURSUIT, 2-ENGINE
1,259 through 1942



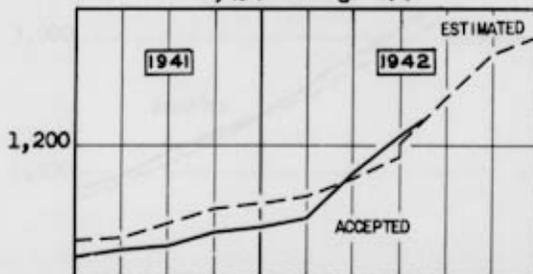
CUMULATIVE ESTIMATE	294	294	364	444	570	645	625*	726	842	964
CUMULATIVE ACCEPTANCES	82	85	147	198	220	333	413			
MONTHLY ACCEPTANCES	12	3	62	51	22	113	80	9 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

PURSUIT, 1-ENGINE
7,522 through 1942



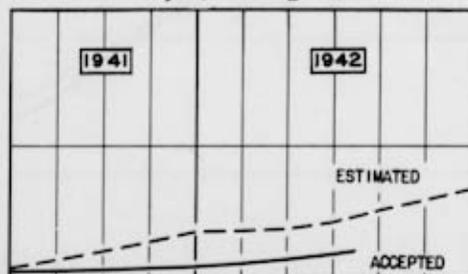
CUMULATIVE ESTIMATE	1347	1543	1794	2095	2398	2501	2632	2731	2893	3151
CUMULATIVE ACCEPTANCES	1168	1406	1621	1913	2163	2241	2372			
MONTHLY ACCEPTANCES	144	238	215	292	250	78	131	13 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

OBSERVATION
2,454 through 1942



CUMULATIVE ESTIMATE	377	499	631	673	740	886	1213*	1616	2016	2177
CUMULATIVE ACCEPTANCES	258	299	413	457	640	933	1272			
MONTHLY ACCEPTANCES	63	41	114	47	183	293	339	150 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

TRANSPORT
1,175 through 1942



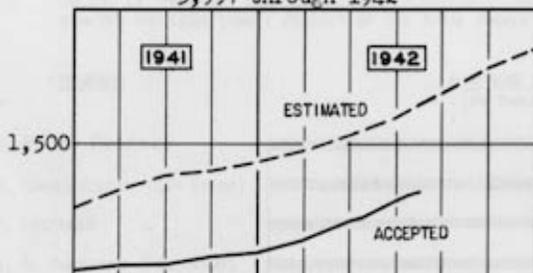
CUMULATIVE ESTIMATE	168	252	337	424	439	452	512	615	717	813
CUMULATIVE ACCEPTANCES	77	96	107	115	143	179	232			
MONTHLY ACCEPTANCES	13	19	11	8	28	36	53	23 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

* CHANGE CAUSED BY REDESIGNATION OF 120 PURSUIT, 2-ENGINE, AS RECONNAISSANCE.

ARMY AIRPLANES - CURRENT PROCUREMENT - APRIL 15, 1942

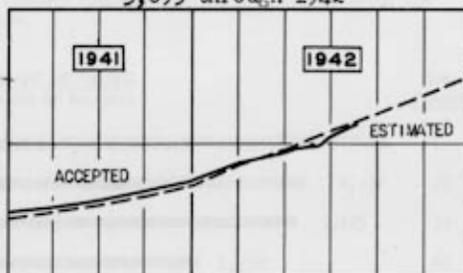
Source of Information: Materiel Command - Army Air Forces

ADVANCE TRAINER, 2-ENG.
3,997 through 1942



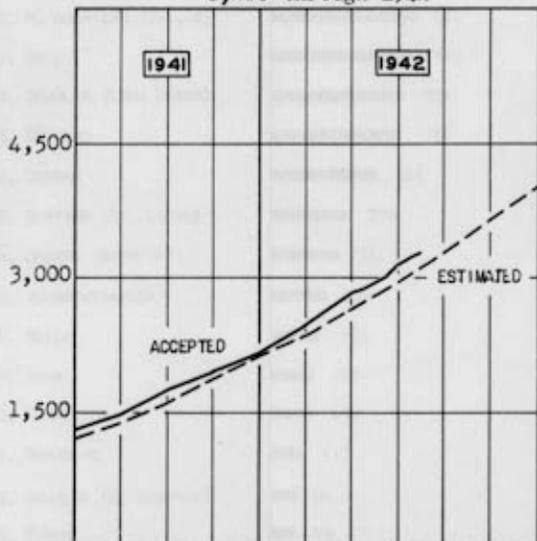
CUMULATIVE ESTIMATE	977	1137	1195	1290	1406	1575	1805	2087	2343	2554
CUMULATIVE ACCEPTANCES	127	167	220	291	425	639	871			
MONTHLY ACCEPTANCES	28	40	53	71	134	214	232	118 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

ADVANCE TRAINER, 1-ENG.
3,095 through 1942



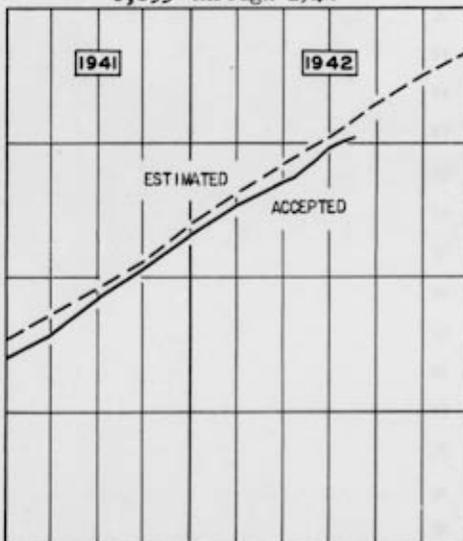
CUMULATIVE ESTIMATE	728	806	906	1028	1260	1434	1651	1826	2030	2244
CUMULATIVE ACCEPTANCES	765	862	982	1098	1279	1417	1590			
MONTHLY ACCEPTANCES	48	97	120	116	181	138	173	114 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

BASIC TRAINER
6,286 through 1942



CUMULATIVE ESTIMATE	1373	1596	1849	2102	2344	2633	2958	3296	3627	3972
CUMULATIVE ACCEPTANCES	1486	1731	1964	2127	2454	2805	3130			
MONTHLY ACCEPTANCES	215	245	233	163	327	351	325	156 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

PRIMARY TRAINER
6,853 through 1942

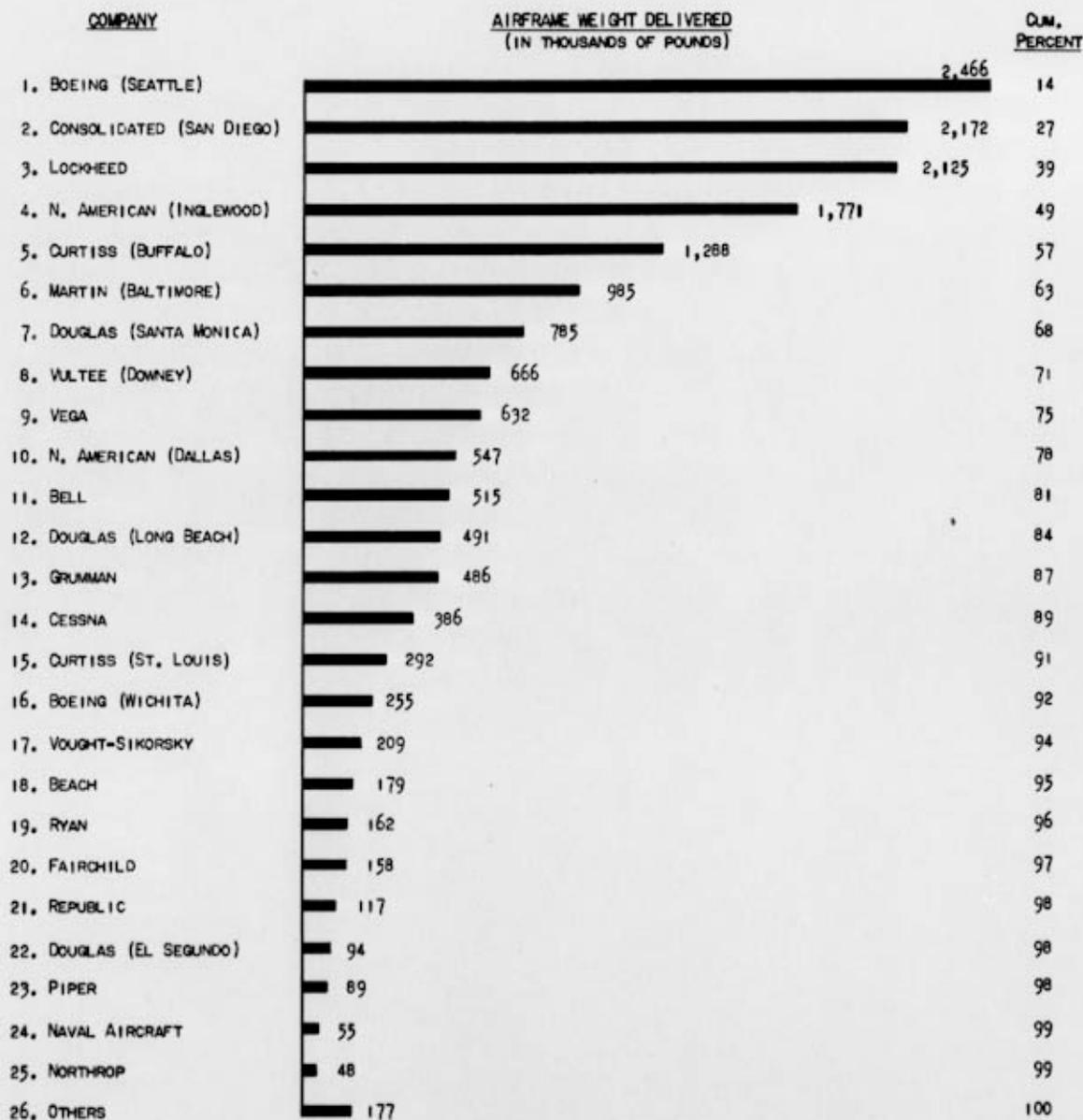


CUMULATIVE ESTIMATE	2595	2875	3160	3589	3915	4230	4565	4912	5260	5521
CUMULATIVE ACCEPTANCES	2369	2752	3083	3459	3796	4050	4435			
MONTHLY ACCEPTANCES	300	383	331	376	337	254	385	103 (THRU 4/15)		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

AIRFRAME WEIGHT DELIVERED BY COMPANY - MARCH 1942 - ALL CUSTOMERS

Source of Information: Materiel Command - Army Air Forces

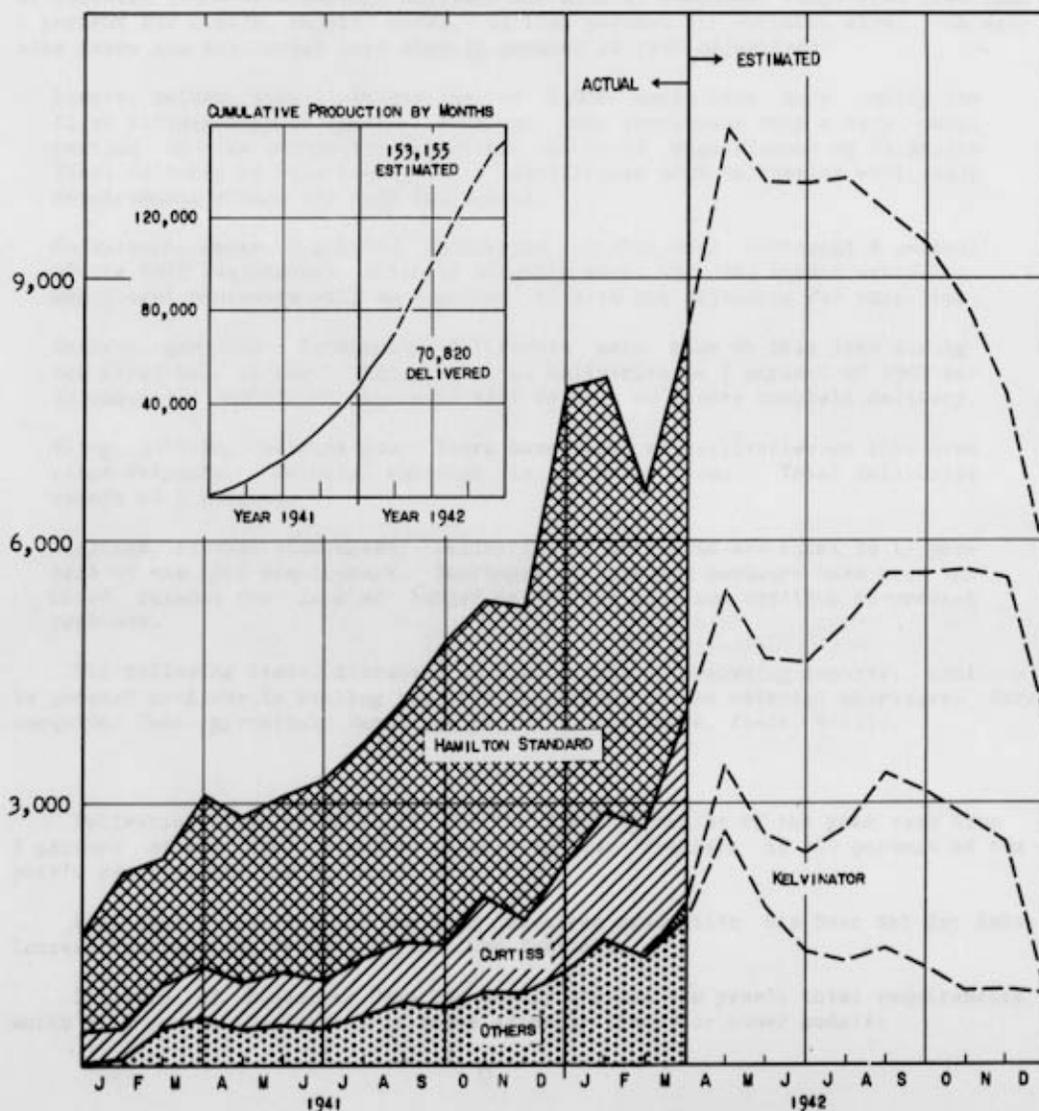
NOTE: MORE THAN HALF OF THE MARCH PRODUCTION OF AIRFRAMES CAME FROM FIVE PLANTS AND THREE-QUARTERS FROM NINE PLANTS. THE BARS SHOW UNITED STATES AIRFRAME PRODUCTION IN THOUSANDS OF POUNDS. THE FIGURES IN THE COLUMN AT THE RIGHT ARE CUMULATIVE PERCENTAGES. THE DIAGRAM EXCLUDES LISTING OF 8 PLANTS WHICH ACCOUNTED FOR LESS THAN 1 PERCENT OF THE TOTAL PRODUCTION.



U. S. PROPELLER PRODUCTION BY COMPANY - 1941-1942

Source of Information: Materiel Command - Army Air Forces

Data are manufacturers' estimates for complete units. Miscellaneous spare parts are not included. Information as of March 31, 1942.



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - BASIC ITEMS OF SUPPLY & TRANSPORTATION

Source: Statistics Branch, Office of the Quartermaster General - April 21, 1942

BASIC ITEMS OF SUPPLY

Based on required production for 1942, cumulative deliveries through April 15 of selected items of Clothing, Equipage and General Supplies, range from less than 1 percent for Liners, helmet, steel, to 1180 percent for Cutters, wire. In only nine cases are deliveries less than 15 percent of 1942 objectives.

Liners, helmet, steel: Deliveries of 2,010 units were made during the first fifteen days of April. Although this represents only a very small portion of the cumulative objective, it is of significance as it is the first delivery of this item. It is anticipated that deliveries will reach requirements within the next few months.

Containers, water, 5-gallon: Deliveries on this item represent 2 percent of the 1942 requirement, which is slightly more than the amount scheduled. Additional contracts will be required to meet the objective for this item.

Lantern, gasoline: Substantial deliveries were made on this item during the first half of April bringing total deliveries to 7 percent of 1942 requirements. Additional contracts must be made to insure complete delivery.

Sling, carrying, machine gun: There have been no deliveries on this item since February. Material shortage is the prime cause. Total deliveries remain at 9 percent.

Leggings, canvas, dismounted: Deliveries of this item are equal to 13 percent of the 1942 requirement. Shortages of duck and hardware have been the chief reasons for lack of larger deliveries and may continue to present problems.

The following items, discussed in some detail in preceding reports, continue to present problems in meeting required objectives due to material shortages: Bar, mosquito; Tent, pyramidal; Tent, shelter-half; and Range, field, M-1937.

MOTOR VEHICLES

Deliveries of motor vehicles for the first $3\frac{1}{2}$ months of the year vary from 7 percent of the 1942 required production for Trailers to 184 percent of the year's requirements for Passenger Cars.

Less than 15 percent of the 1942 required production has been met for Ambulances, Motorcycles, Trucks, $2\frac{1}{2}$ -ton, and Trailers.

Delivery of Passenger Cars has nearly doubled the year's total requirements which will permit the freeing of these assembly lines for other models.

TABULAR SUMMARY - STATUS OF 1942 PROCUREMENT PROGRAM - APRIL 21, 1942

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

Item	Total g/ Authorized for 1942 Production	Total Under Contract b/ for 1942 Production	Required Production 1942 g/	Accepted g/					Estimated g/			
				Jan 1- Apr 15	Jan	Feb	Mar	Apr 1-15	Mar	Apr	May	Jun
CLOTHING												
Belt, web, waist	8,199,329	4,867,500	6,545,279	2,350,000	655,000	640,000	825,000	230,000	521,600	120,000	360,000	924,500
Coat, wool, serge	5,526,319	5,526,319	8,777,489	1,503,196	384,667	339,396	473,254	308,311	373,440	445,000	545,000	718,978
Dressers, cotton	52,444,901	52,444,901	17,591,908	6,376,337	2,353,358	1,753,307	1,232,885	1,026,987	1,864,000	1,650,300	2,955,750	3,624,900
Gloves, wool	10,416,529	5,964,529	7,938,077	1,797,072	494,210	503,329	582,047	217,486	552,290	561,600	410,100	443,000
Jacket, field	12,663,142	4,477,142	10,788,840	1,643,125	361,711	357,978	355,821	567,615	399,390	600,250	761,250	847,110
Leggings, canvas, diamtd.	18,821,659	6,782,659	11,429,852	1,499,830	356,529	326,590	603,095	213,616	877,040	648,400	1,258,300	1,682,200
*Liners, helmet, steel	7,944,000	7,944,000	7,380,744	2,010	0	0	0	2,010	9,000	410,000	1,194,500	308,000
Overcoat, wool, o.d.	6,075,007	3,004,007	4,415,664	2,286,036	309,739	310,321	402,282	263,694	367,991	514,084	403,200	480,400
*Raincoat, std. & diamtd.	7,895,287	4,940,287	5,271,949	1,083,749	298,006	318,977	299,738	167,028	380,210	955,900	31,250	1,044,950
Shirt, cotton	24,996,695	14,139,695	7,321,012	4,628,072	1,115,666	996,259	1,613,119	909,028	1,416,615	1,909,120	2,118,940	2,323,333
Shirt, flannel	11,988,872	8,576,872	12,036,908	2,557,830	830,927	635,999	797,620	293,284	1,053,500	1,286,000	1,301,000	1,291,500
*Shoes, service (1. low-qtr)	13,999,243	13,999,033	14,064,742	5,423,089	1,033,854	2,000,483	1,081,408	1,307,344	3,227,033	3,965,917	2,796,889	1,725,028
Socks, cotton	6,969,184	6,966,684	13,105,044	6,025,191	2,984,483	1,654,754	1,161,020	220,934	1,366,500	1,600,000	85,000	170,000
Suit, one-piece, H.S.T.	4,403,409	3,506,409	2,602,509	1,134,388	311,189	247,974	369,690	205,535	280,000	410,000	720,000	635,000
Trousers, cotton, khaki	14,841,465	5,072,465	15,513,684	2,322,503	737,447	758,735	795,281	231,440	1,297,250	1,185,000	1,345,500	2,600,000
Trousers, wool, o.d.	18,354,789	8,432,789	13,629,384	2,562,081	744,901	511,802	841,124	484,254	728,747	1,145,500	1,640,500	1,400,750
Undershirt, cotton	38,838,142	29,032,142	18,068,538	1,045,741	893,983	664,574	1,226,016	1,261,168	2,255,000	1,037,111	764,161	1,517,966
EQUIPAGE												
Bag, barrack	22,445,942	22,445,942	10,158,654	1,502,732	292,158	354,769	383,572	432,233	329,934	3,227,862	2,505,000	2,460,000
Bag, canvas, water, ster.	94,888	94,888	36,330	25,902	11,018	5,088	9,796	0	19,282	16,000	16,000	16,000
*Bar, mosquito	3,596,250	2,079,461	5,829,836	359,763	50,066	68,892	136,952	103,833	177,000	435,000	519,171	465,099
*Belt, cartridge, diamtd.	2,531,928	1,083,254	1,884,136	355,425	68,755	94,850	133,520	58,300	330,649	156,600	67,000	196,000
*Belt, pistol	4,831,855	1,448,521	2,446,599	898,685	54,899	232,600	392,341	218,823	232,000	230,000	96,000	10,000
Blanket, wool, o.d.	23,368,304	14,236,353	11,843,671	2,574,026	823,486	669,926	731,035	349,579	437,941	721,000	1,262,000	1,262,000
*Canteen, M-1910	12,568,573	4,210,950	4,835,434	2,195,350	379,125	295,875	360,375	159,975	1,025,980	0	700,000	410,000
*Cutler, wire	435,034	432,063	21,729	256,407	96,719	23,934	99,608	36,146	195,410	0	24,400	48,800
*Headnet, mosquito	5,933,261	1,636,586	1,640,876	408,465	3,590	20,903	198,830	185,142	534,093	578,000	100,000	200,000
*Pouch, first aid	9,178,916	4,347,516	4,626,829	2,749,095	564,796	480,100	505,775	216,124	707,000	1,008,000	635,000	402,000
Roll, bedding, water-proofed	517,000	285,000	208,117	43,281	4,950	13,450	16,940	7,941	37,000	25,000	25,000	49,000
*Roll, carrying, machine gun	115,216	114,716	182,711	16,716	14,966	1,750	0	0	0	75,115	0	17,735
*Suspender, belt	4,390,600	2,184,600	2,772,103	775,403	60,719	130,800	363,184	220,700	898,081	130,000	169,000	447,000
Tent, pyramidal	1,636,343	795,022	502,501	62,609	381	4,877	34,487	22,864	81,349	11,400	65,000	113,300
*Tent, shelter-half	13,988,445	7,952,445	5,704,439	555,523	140,072	143,741	188,460	83,250	298,041	662,400	985,400	1,226,200
GENERAL SUPPLIES												
*Container, water, 5-gallon	505,968	418,317	1,244,776	29,972	13,198	13,214	1,400	2,160	1,412	12	139,975	130,276
Lantern, gasoline	39,906	35,000	307,325	22,313	8,400	0	13,660	493	4,515	2,055	5,000	6,085
*Range, field	24,408	24,099	24,857	1,393	1,173	165	55	0	2,738	7,429	812	812
Stove, tent	482,098	482,098	579,813	349,752	71,902	77,102	162,128	36,620	28,794	22,150	241,150	31,000
MOTOR VEHICLES												
*Ambulances	12,384	11,896	11,337	889	350	143	281	115	32	500	266	1,091
*Passenger cars	10,533	10,533	5,630	10,381	420	5,391	4,506	54	4,474	50	complete	0
*Motorcycles	84,555	56,881	77,064	7,864	2,603	2,494	2,185	382	3,173	4,709	3,408	4,752
*Trucks, 1/2-ton	189,888	149,024	179,049	38,426	7,330	6,259	16,478	8,399	27,676	14,143	5,420	19,400
*Trucks, 3/4-ton	100,014	100,014	78,058	18,015	4,644	4,618	6,735	2,018	2,254	6,867	3,434	6,805
*Trucks, 1 1/2-ton	110,329	107,867	74,259	35,515	5,761	5,459	14,056	10,239	12,477	10,000	11,000	12,000
*Trucks, 2 1/2-ton	311,175	174,158	216,554	27,289	6,320	5,516	8,086	7,367	12,041	13,329	12,100	14,980
*Trucks, 4 & 5-ton	12,792	12,792	8,775	2,260	542	868	436	414	743	660	1,403	1,313
*Trucks, 6-ton & over	6,911	6,911	2,877	833	171	345	228	89	873	298	290	500
*Semi-trailers	7,330	3,027	7,720	1,544	189	107	1,148	100	188	2,111	108	58
*Trailers	49,919	47,803	44,509	3,183	20	268	2,082	813	2,075	5,749	7,980	9,000

* Defense Aid and/or Navy deliveries included.
 a/ Total of column 11 & column 12 of Mar 31 Status Report plus 1942 deliveries.
 b/ Total of column 11 of Mar 31 Status Report plus 1942 deliveries.
 c/ Column 9 of Mar 31 Status Report.
 d/ Jan, Feb, Mar from Mar 31 Status Report. Apr deliveries from Statistics Branch, OQMG.
 e/ Mar 31 Status Report.

QUARTERMASTER PROCUREMENT - PROGRESS TOWARD 1942 PRODUCTION OBJECTIVE - APRIL 21, 1942

Source: Statistics Branch, Office of the Quartermaster General

Item	Required Production 1942	Delivered 1-1-42 to 4-15-42		Percent of 1942 Production Objective
CLOTHING				
Belt, web-waist	6,545,279	2,350,000	36	
Coat, wool, serge	7,791,904	1,503,196	19	
Drawers, cotton	17,591,908	6,376,537	36	
Gloves, wool	7,938,077	1,797,072	23	
Jacket, field	10,788,840	1,643,125	15	
Leggings, canvas, dsmtd.	11,429,852	1,499,830	13	
Liners, helmet, steel	7,380,746	2,010	-	
Overcoat, wool, o.d.	4,615,664	1,286,036	28	
*Raincoat, mtd. & dsmtd.	5,271,949	1,083,749	21	
Shirt, cotton	7,321,012	4,628,072	63	
Shirt, flannel	12,036,908	2,557,830	21	
*Shoes, service, low qtr.	14,064,752	5,423,089	39	
Socks, cotton	13,105,044	6,025,191	46	
Suits, 1-piece, HST	2,602,509	1,134,388	44	
Trousers, cotton, khaki	15,513,484	2,522,603	16	
Trousers, wool, o.d.	13,429,384	2,582,081	19	
Undershirt, cotton	11,273,990	4,045,741	36	
EQUIPAGE				
Bag, barrack	10,158,854	1,502,732	15	
Bag, canvas, v.s.	38,330	25,902	68	
*Bar, mosquito	5,829,836	359,763	6	
*Belt, cartridge, dsmtd.	1,884,136	355,425	19	
*Belt, pistol	2,446,599	898,685	37	
Blanket, wool, o.d.	11,843,671	2,574,026	22	
*Canteen, M-1910	4,835,434	1,195,350	25	
*Cutter, wire	21,729	256,407	1,180	
*Headnet, mosquito	1,540,676	408,465	25	
*Pouches, first-aid	4,626,829	1,749,095	38	
Roll, bedding, w/p	208,117	43,281	21	
*Sling, carrying, mg	182,711	16,716	9	
*Suspenders, belt	2,772,103	775,403	28	
Tent, pyramidal	502,501	62,609	12	
*Tent, shelter-half	5,704,439	555,523	10	
GENERAL SUPPLIES				
*Container, water, 5-gal.	1,244,776	29,972	2	
Lantern, gasoline	307,325	22,353	7	
*Range, field	24,857	1,393	6	
Stove, tent	579,813	349,752	60	
MOTOR VEHICLES				
*Ambulances	11,337	889	8	
*Passenger Cars	5,630	10,381	184	
*Motorcycles	77,064	7,864	10	
*Trucks, 1/2-ton	179,049	38,426	21	
*Trucks, 3/4-ton	79,038	18,015	23	
*Trucks, 1 1/2-ton	74,259	35,515	48	
*Trucks, 2 1/2-ton	216,554	27,289	13	
*Trucks, 4 & 5-ton	8,775	2,260	26	
*Trucks, 6-ton & over	2,877	833	29	
*Semi-trailers	7,720	1,544	20	
*Trailers	44,529	3,183	7	

* Defense Aid and/or Navy deliveries included

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - APRIL 18, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

RADIO PRODUCTION DIFFICULTIES

The delivery of radio equipment is lagging far behind requirements and if 1942 objectives are to be met a tremendous increase in production must be achieved in the remaining months of the year.

The radio industry has cheerfully accepted this responsibility and is determined to fulfill its obligations. All commercial production ceased on April 22 and a survey of leading manufacturers' plants discloses well developed plans for mass production. While adequate facilities and personnel are thus believed available to meet 1942 objectives, serious obstacles are likely to develop which will be overcome only through a supreme effort on the part of the entire industry.

The past few months have uncovered certain problems which may conceivably upset the well planned production effort. Already these obstacles are beginning to restrict production which barely resembles the monthly rates which must be met if objectives are to be realized. The obstacles are first, a shortage of certain critical raw materials and secondly, a shortage of essential parts which must be supplied by parts manufacturers. Most leading radio builders are dependent to a considerable extent upon small parts manufacturers and some of them are really only assemblers of parts.

Critical materials include:

Steatite (ceramic insulating material)	Cobalt
Aluminum - sheet, rod, extruded shapes	Nickel
Brass - sheet and rod	Tungsten
Copper, wire	Tin

While none of these materials have more than temporarily delayed production up to the present time, quantities required in future months are enormous in comparison with present requirements and serious delays will result unless sufficient quantities are made available at once.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - (Continued)

Essential parts now restricting production include dynamotors, tuning condensers, ceramic coil forms, finished crystals, trimming condensers, etc. A field survey made in the plants of several Chicago manufacturers on April 17 and 18 produced the following examples:

Western Electric, now producing Transmitters for vehicle radio sets SCR-508 and SCR-528 is producing at the rate of 40 units per day. Production with present facilities and without increasing the present single shift could be increased 50% if sufficient air tuning condensers were available. Some 300 transmitters were on hand on April 17 awaiting condensers from Hammerlund in New York. To overcome this difficulty Western Electric is setting up facilities to manufacture these condensers in its Chicago Plant.

Crystals for these sets are also a serious bottleneck. The company has set up its own crystal plant and had manufactured some 40,000 crystals to April 17. However, requirements approximate 199,000 since 120 crystals are required for each SCR-508 and SCR-528 Radio Set, and 1,660 of these sets had been produced to April 17. Arrangements have been made to accept these sets with a limited number of crystals until production can be further expanded. Production has now reached approximately 2,250 crystals per day.

Belmont Radio Corporation, manufacturers of receivers for vehicular radio sets SCR-508, SCR-528 and SCR-538 is producing 150 units per day. Facilities are available for manufacturing several times this quantity but a shortage of air condensers (supplied by Western Electric) is restricting production. This company also manufactures receivers for the aircraft liaison radio SCR-287. A shortage of small parts, including air trimmer condensers, is seriously retarding production and preventing the assembly line from being operated full time.

Zenith Radio Corporation reports a shortage of aluminum needed to fabricate the chassis frame and case for Frequency Meter SCR-211. Only a few days supply was on hand.

Rauland Corporation, manufacturers of transmitters for the important vehicular radio SCR-245 reports a shortage of dynamotors supplied by Pioneer Gen-O-Motor. A large number of these transmitters were stored in the company's plant awaiting this item, which was long overdue.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 18, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Author- ized	Under Con- tract	Req'd Prod. 1942	Accepted					Estimated			
				Jan 1- Apr 18	Jan	Feb	Mar	Apr 1-18	Mar	Apr	May	Jun
AIRCRAFT RADIO COMM. EQUIP.												
Auxiliary Receiver												
RA-10-CA	707	707	707	400	0	59	52	289	50	100	100	100
RA-10-DA	2,800	2,800	2,800	1,068	0	334	502	232	500	200	200	200
Frequency Meter SCR-211	43,811	43,807	31,810	2,529	219	369	848	1,093	2,500	1,000	1,500	2,500
Interphone Equipment												
RC-27	15,822	15,822	24,665	1,894	500	850	100	644	500	500	750	842
RC-34	3,840	3,840		0	0	0	0	0	0	0	300	300
RC-36	40,928	40,928	26,818	2,481	0	881	0	1,600	600	600	800	981
RC-45	2,791	2,791	5,252	213	0	0	0	213	0	0	0	150
RC-51	293	293	1,956	187	0	12	0	175	0	0	150	50
RC-75	5,560	5,560	14,334	Production starts in July, 1942.								
Microphone												
T-20	4,000	4,000	***	315	0	0	0	315	0	1,000	1,000	1,000
T-30	69,225	69,225	***	21,860	1,000	15,560	1,250	4,050	0	1,000	1,500	2,500
Command Radio												
SCR-183	18,434	18,434	25,445	2,605	85	740	482	1,298	900	1,150	1,600	2,000
SCR-274**	74,236	72,756	62,051	5,368	12	2,846	1,050	1,460	1,500	1,500	2,000	3,000
SCR-285	7,805	7,805	6,940	1,401	56	94	481	270	600	600	800	800
SCR-322**	37,094	37,094	34,581	0	0	0	0	0	0	800	1,600	2,500
Liaison Radio												
SCR-187	3,198	3,198	3,135	208	97	110	1	0	61	150	150	400
SCR-287	40,145	39,895	23,094	650	23	18	3	606	339	500	500	800
Sea Rescue Radio												
SCR-578	40,910	40,910	32,130	0	0	0	0	0	0	100	500	1,000
AIRCRAFT RADIO NAV. EQUIP.												
Contacting Equipment RC-96	50,607	50,607	50,907	6,037	1,369	1,112	1,712	3,824	1,500	2,500	2,500	2,500
Filter Equipment RC-32	138,506	98,280	115,368	19,616	1,450	6,290	4,100	7,778	5,000	5,000	5,000	5,000
Localiser Receiver RC-103	33,160	30,000	16,541	Production starts in August, 1942.								
Marker Beacon Equip.												
RC-39	2,904	2,904	2,905	516	96	58	227	135	0	300	300	400
RC-45	42,075	42,075	24,445	8,366	878	1,506	2,352	3,850	3,000	3,000	3,000	3,000
Radio Compass												
SCR-289 (Dual Pos.)	40,917	40,857	27,485	2,926	241	1,532	1,243	110	800	1,500	1,800	2,600
SCR-289 (Single Pos.)	1,500	1,500		1,492	0	452	163	875	300	300	300	283
Absolute Altimeter												
SCR-518	22,270	7,989	11,933	Production starts in July, 1942.								
SCR-618	15,000	15,000										
AIR-BOAT RADIO DETECTION AND RECOGNITION EQUIPMENT												
SCR-515 US-IPF	39,909	19,529	68,631	0	0	0	0	0	0	0	100	500
SCR-517 ASV 10	6,273	2,450	***	0	0	0	0	0	0	0	0	5
SCR-519 ASV 10	3,823	0	***	Procurement deferred.								
SCR-520 AI 10	2,435	2,185	340	0	0	0	0	0	0	5	10	30
SCR-521 US-ASV, MK II	33,045	7,114	17,393	72	0	30	4	38	0	0	550	550
SCR-535 BR.-IPF, MK II	16,630	16,630	70,856	0	0	0	0	0	1,000	4,000	4,000	4,000
SCR-540 BR.-AI, MK IV	500	500	***	0	0	0	0	0	5	5	15	30
SCR-595 IFF, MK III	18,500	18,500	Incl. in SCR-515	0	0	0	0	0	0	0	500	2,500
SCR-695 IFF, MK III-C	18,000	18,000		Production starts in July, 1942.								
GROUND-AIR NAVIGATIONAL AID												
Control Net System SCR-2	20	20	20	0	0	0	0	0	1	1	2	4
Control Net System SCR-3	120	120	104	0	0	0	0	0	0	0	0	2
Homing Device SCR-277	70	62	98	Production starts in October, 1942								
Instrument Blind Landing SCR-251	713	0	657	Development of all components not yet completed.								

* Figures include procurement for Defense Aid and other Services.
Quantity delivered prior to January 1, 1942 has been excluded.
** A portion of these sets are less dynamotors.
*** Figures not available.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 18, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Author- ized	Under Con- tracts	Req'd Prod. 1942	Accepted				Estimated					
				Jan 1- Apr 18	Jan	Feb	Mar	Apr 1-18	Mar	Apr	May	Jun	
GROUND RADIO COMMUNICATION- RADIO SETS													
Ground-Air Liaison and Army, Corps & Division Communication													
SCR-177	1,227	525	1,454	452	212	140	98	2	50	0	0	70	
SCR-178	1,745	992	2,447	116	0	2	74	40	200	200	500	500	
SCR-188	2,652	1,110	2,407	27	0	27	0	0	100	0	0	100	
SCR-197	157	157	571	48	48	0	0	0	0	0	51	58	
SCR-299	1,542	261	1,766	104	0	0	0	104	35	100	200	200	
Intra-Regiment Communication													
SCR-284	17,681	17,681	17,912	0	0	0	0	0	50	400	700	1,000	
SCR-288	1,523	1,523	1,523	233	23	0	104	106	0	150	600	646	
SCR-543	1,581	1,418	2,127	0	0	0	0	0	0	250	250	250	
Radio Intelligence, S.C.													
SCR-206	305	121	338	113	26	36	28	23	30	30	11	0	
SCR-243	104	104	98	0	0	0	0	0	0	25	25	8	
SCR-244	372	372	360	0	0	0	0	0	100	60	60	60	
SCR-255	124	101	152	16	6	0	10	0	15	55	25	55	
Short Range Portable													
SCR-194	6,889	6,889	817	5,439	1,120	2,201	118	0	500	2,187	0	0	
SCR-195	2,499	1,499	1,999	1,245	709	404	72	60	196	124	500	500	
SCR-309	1,582	1,582	596	1,072	0	0	125	947	425	1,089	368	0	
SCR-356	13,433	13,433	14,310	2,637	1,644	820	173	0	358	1,500	2,000	2,000	
SCR-609	897	897	896	0	0	0	0	0	0	0	100	400	
Animal Pack, Cavalry Field Artillery													
SCR-179	126	126	120	Recently placed under procurement.									
SCR-203	67	67	0	46	43	3	0	0	0	7	21	0	0
Short Range Vehicular Field Artillery													
SCR-608	10,053	9,876	6,197	0	0	0	0	0	0	204	280	417	
SCR-610	24,288	24,288	19,248	0	0	0	0	0	0	100	100	150	
SCR-628	2,374	2,374	2,067	0	0	0	0	0	0	106	140	166	
Vehicular and Tank Armored Force													
SCR-193 AM Type	6,486	6,486	600	0	0	0	0	0	100	0	0	0	
SCR-245 AM Type	6,439	6,439	2,013	951	117	437	270	127	500	300	600	352	
SCR-293 FM Type	872	872	367	372	54	106	151	61	50	100	200	200	
SCR-294 FM Type	786	786	786	224	53	171	0	0	60	100	100	100	
SCR-306 AM Type II	13,500	13,500	10,749	Production starts in July, 1942.									
SCR-308 FM Type III	16,427	13,427	20,815	391	0	13	378	0	50	150	200	400	
SCR-310 FM Type IV	6,254	6,254	7,172	917	0	0	917	0	0	0	1,483	1,800	
SCR-328 FM Type III	30,497	30,497	22,522	493	52	54	339	68	200	508	807	1,233	
SCR-338 FM Type III	67,753	14,952	21,202	737	3	23	312	399	300	342	2,187	4,033	
ACCESSORY EQUIPMENT													
Antenna Equip. RC-65	1,021	1,021	1,010	832	708	124	0	0	0	0	89	100	
Charging Set SCR-169	3,466	1,163	2,525	0	0	0	0	0	241	0	5	5	
Frequency Meter SCR-211	6,065	6,065	6,705	1,386	225	116	246	799	300	500	500	500	
Loudspeaker LS-5	26,306	40	16,686	0	0	0	0	0	0	0	40	0	
Power Unit PE-75	2,304	1,963	1,275	0	0	0	0	0	0	80	100	500	
(Radio) Receiver RC-342	1,188	1,188	25	410	260	0	15	135	0	500	300	313	
Remote Control Equip.													
RC-86	3,039	3,039	**	1,585	401	382	500	502	500	500	500	500	
Test Set I-56	4,477	4,407	8,268	598	261	208	106	23	70	80	100	500	
Trans. Tuning Unit													
TU-25	3,202	3,202	698	3,202	369	1,900	551	382	600	372	0	0	

* Figures include procurement for Defense Aid and other Services.
Quantities delivered prior to January 1, 1942 have been excluded.
** Figures not available.

**TABULAR SUMMARY - STATUS OF SELECTED CRITICAL ITEMS ON ARMY SUPPLY PROGRAM
APRIL 18, 1942**

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

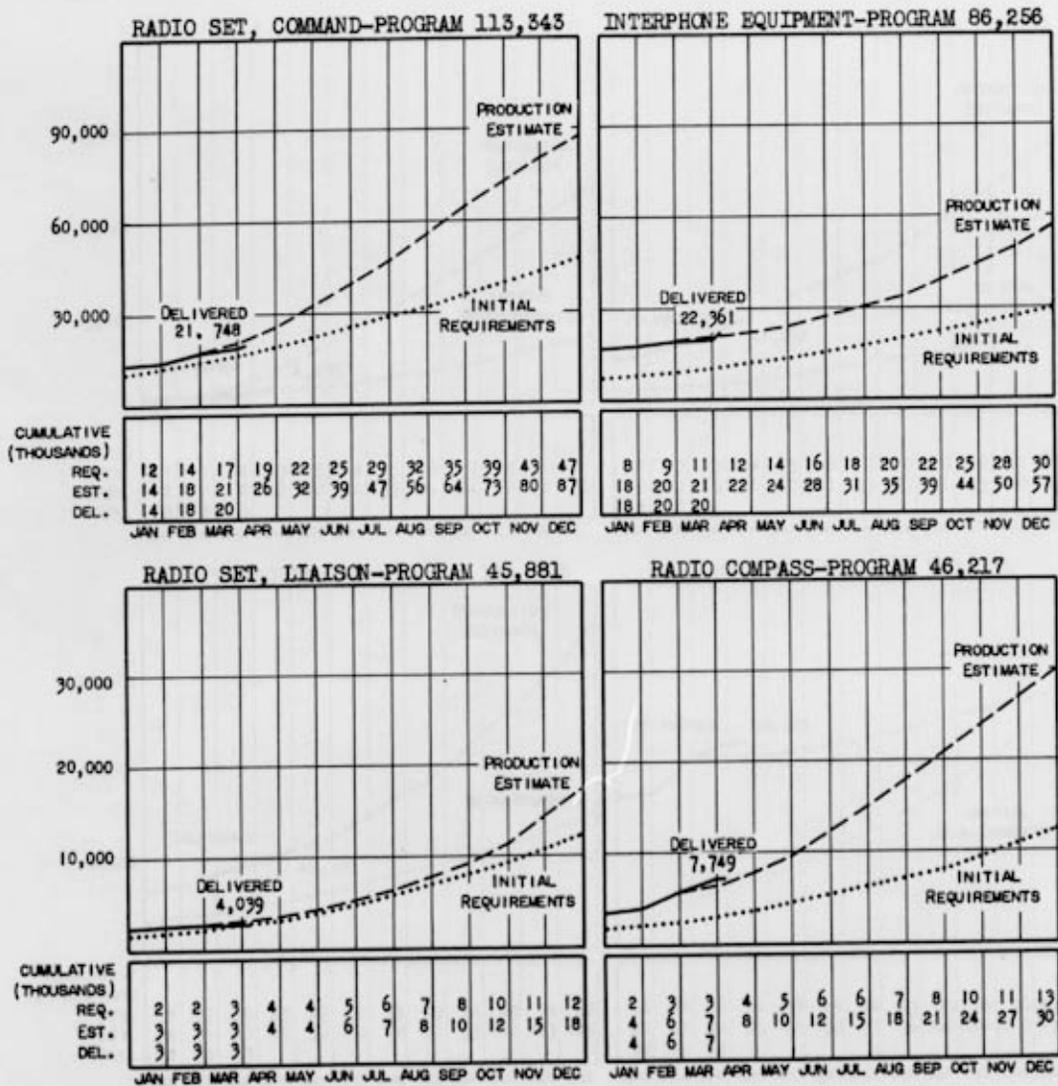
Item	Author- ized	Under Con- tracte	Req'd Prod. 1942	Accepted					Estimated			
				Jan 1- Apr 18	Jan	Feb	Mar	Apr 1-18	Mar	Apr	May	Jun
GROUND RADIO DETECTION EQUIPMENT												
Aircraft Warning												
SCR-268	1,752	1,752	2,100	167	52	13	50	52	37	59	62	68
SCR-270	434	434	551	25	2	0	15	8	6	15	8	17
SCR-271	58	58	355	5	0	0	0	5	2	15	4	5
Antiaircraft												
SCR-545	895	275	595	Production starts in July, 1942.								
OCI Equipment												
SCR-527	400	399	261	Production starts in November, 1942.								
SCR-588	104	104	**	4	0	0	0	4	0	4	5	6
Gun Laying, Fixed Station												
SCR-296	175	175	218	1	0	0	0	1	1	1	0	18
SCR-582	Development contract awarded.											
Identification												
SCR-532	1,000	0	1,147	Development not complete.								
SCR-533	2,014	870	5,911	0	0	0	0	0	0	5	20	45
Range Finder												
SCR-547	812	812	812	Production starts in July, 1942.								
Searchlight Control												
SCR-541	1,006	1,006	1,759	Recently standardized and contracted. Production starts in July.								
WIRE COMMUNICATION EQUIP.												
Coil C-114	69,980	17,969	62,050	16,519	8,921	2,500	5,098	0	2,500	5,000	5,000	10,000
Coil C-161	12,739	218	7,271	0	0	0	0	0	0	0	500	500
Reel Cart RL-16	8,000	0	402	0	0	0	0	0	0	0	0	200
Reel Equipment CE-11	55,669	55,669	26,777	8,505	0	0	0	8,505	400	0	500	1,000
Reel Unit RL-26-A	1,542	1,268	274	350	99	16	235	0	250	0	200	500
Reel Unit RL-31	14,387	8,506	11,685	6,445	1,619	4,004	820	0	965	1,500	2,000	5,000
Switchboard												
SD-71	3,464	1,345	2,327	532	152	360	0	0	200	0	100	200
SD-72	3,390	1,699	6,470	856	535	177	126	0	150	0	100	100
SD-89	35	35	**	5	0	0	5	0	0	5	5	10
SD-96	924	924	**	771	205	207	150	209	150	150	217	0
Telegraph Central Office												
Set TC-5	458	458	374	0	0	0	0	0	0	0	5	10
Telegraph Printer EE-97	1,744	792	2,564	0	0	0	0	0	100	100	200	200
Telegraph Set TC-5	12,096	3,801	9,015	2,330	48	612	910	760	500	0	500	500
Telephone EE-8-A	172,537	130,536	135,126	10,450	8,528	872	200	850	5,000	5,000	5,000	10,000
Telephone Set TP-4	728	728	**	165	0	128	37	0	37	0	100	100
Telephone Central Office												
Set TC-1	101	61	105	51	0	51	0	0	0	0	5	10
Set TC-2	98	50	150	37	14	23	0	0	6	0	10	20
Set TC-4	575	33	1,378	0	0	0	0	0	0	0	0	10
Test Set EE-65	5,507	462	3,371	462	439	23	0	0	0	0	100	200
Wire W-110 (thous. miles)	1,290	1,248	449	198	11	81	34	72	75	75	75	75
Wire W-130 (miles)	100,399	100,399	90,915	13,673	1,365	4,322	2,182	5,404	5,600	0	5,000	10,000
MISCELLANEOUS SIGNAL EQUIP.												
Cable, Submarine Mine (thousand feet)	1,249	1,249	**	354	0	0	354	0	1,250	200	300	300
Converter												
M-134	238	228	**	226	177	0	49	0	25	0	10	10
M-209	51,929	51,929	48,513	0	0	0	0	0	0	0	0	100
Flash Ranging Set GR-4	24	24	31	0	0	0	0	0	0	10	10	4
Interphone Equip. - Vehi.	1,685	1,685	6,632	914	200	0	714	0	0	771	0	0
Signal Lamp Equip. EE-84	1,452	832	1,361	261	80	63	118	0	100	100	100	200
Sound Ranging Set GR-3	85	71	78	6	0	4	2	0	4	10	5	5

* Figures include procurement for Defense Aid and other Services.
Quantities delivered prior to January 1, 1942 have been excluded.
** Figures not available.

SIGNAL CORPS - AIRCRAFT SIGNAL EQUIPMENT - APRIL 18, 1942

Sources of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division
Office of the Army Air Forces, Materiel Center

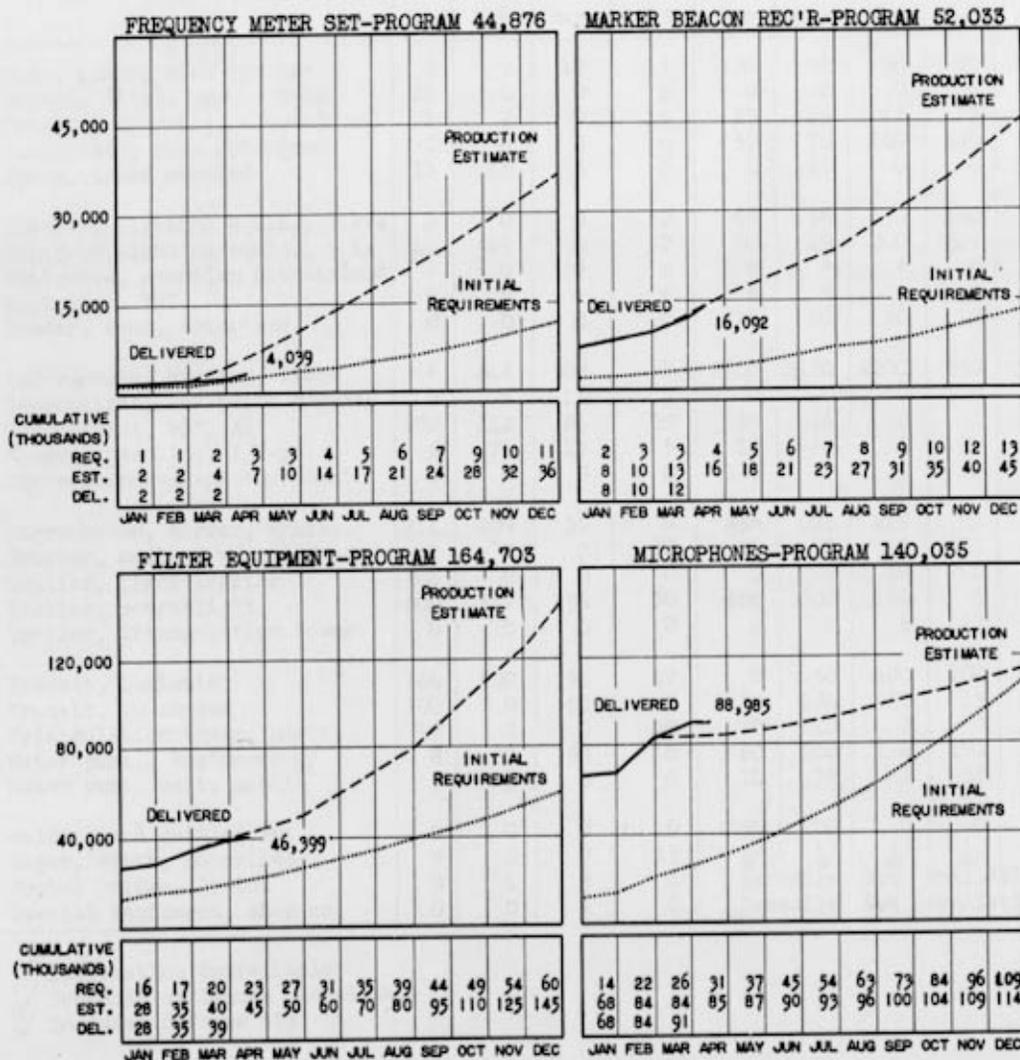
Diagrams compare estimated production and actual deliveries of aircraft signal equipment with initial requirements for Army and Defense Aid aircraft. The requirements shown are computed from Air Corps equipment charts and estimates of when the equipment will be needed for installation in airframes.



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Diagrams compare estimated production and actual deliveries of aircraft signal equipment with initial requirements for Army and Defense Aid aircraft. The requirements shown are computed from Air Corps equipment charts and estimates of when the equipment will be needed for installation in airframes.



TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH APRIL 15, 1942

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

Item	Acceptances				Schedules - Apr-Aug, 1942				
	Jan	Feb	Mar	Apr 1-15	Apr	May	Jun	Jul	Aug
Boat, power, with trailer	0	0	18	13	30	29	30	50	50
Bridge, steel, port., H-10	12	4	0	0	0	0	0	6	0
Compass, lensatic, w/case(thrus)	1	2	0	15	15	15	15	15	15
Compressor, air, motorized	0	0	0	0	50	70	140	140	140
Crane, truck mounted	11	11	5	0	0	43	0	0	0
Electric lighting equip., 3 kva	0	0	0	0	64	56	120	120	120
Electric lighting equip., 5 kw	40	69	0	0	30	49	200	229	260
Explosive, ammonium nitrate(tms)	*	0	*	*	*	*	*	*	*
Explosive, TNT	*	*	*	*	*	*	*	*	*
Grader, road, motorized	0	0	0	0	20	20	20	12	0
Instruments, drawing, field	*	646	500	0	2100	2100	2200	350	350
Searchlight, 24" beach defense	0	6	11	3	0	0	0	0	0
Searchlight, 60", AA	202	112	86	28	75	16	0	0	0
Shovel, gasoline, 1/2-yd.	8	21	13	5	12	12	32	32	32
Stereocomparagraph equipment	0	0	0	0	130	0	0	0	0
Stereoscope, mirror, w/bin.	311	209	36	0	856	675	225	71	200
Tractor, medium, w/angledozer	0	0	0	30	50	70	80	354	260
Trailer, light tractor	106	0	0	0	0	0	88	0	0
Trailer, searchlight	600	542	156	50	600	600	150	0	0
Trailer, Triangulation Tower	0	0	0	0	0	0	8	13	0
Transit, 1-minute	166	200	95	47	0	50	100	100	100
Transit, 20-second	100	0	50	0	133	184	50	13	0
Triangulation tower, port.	10	0	0	10	0	10	0	0	0
Water puri., Engineers 2/	8	50	50	0	80	200	194	190	190
Water puri. unit, mobile	5	3	0	0	14	39	32	35	20
Welding and cutting set	0	0	0	0	50	200	0	0	0
Auger, earth, motorized	5	0	7	17	1/	1/	1/	1/	1/
Ponton bridge, 25-ton	3	4	3	1	Schedule	Not	Available		
Special equipment, shop co.	0	0	1	0	Schedule	Not	Available		

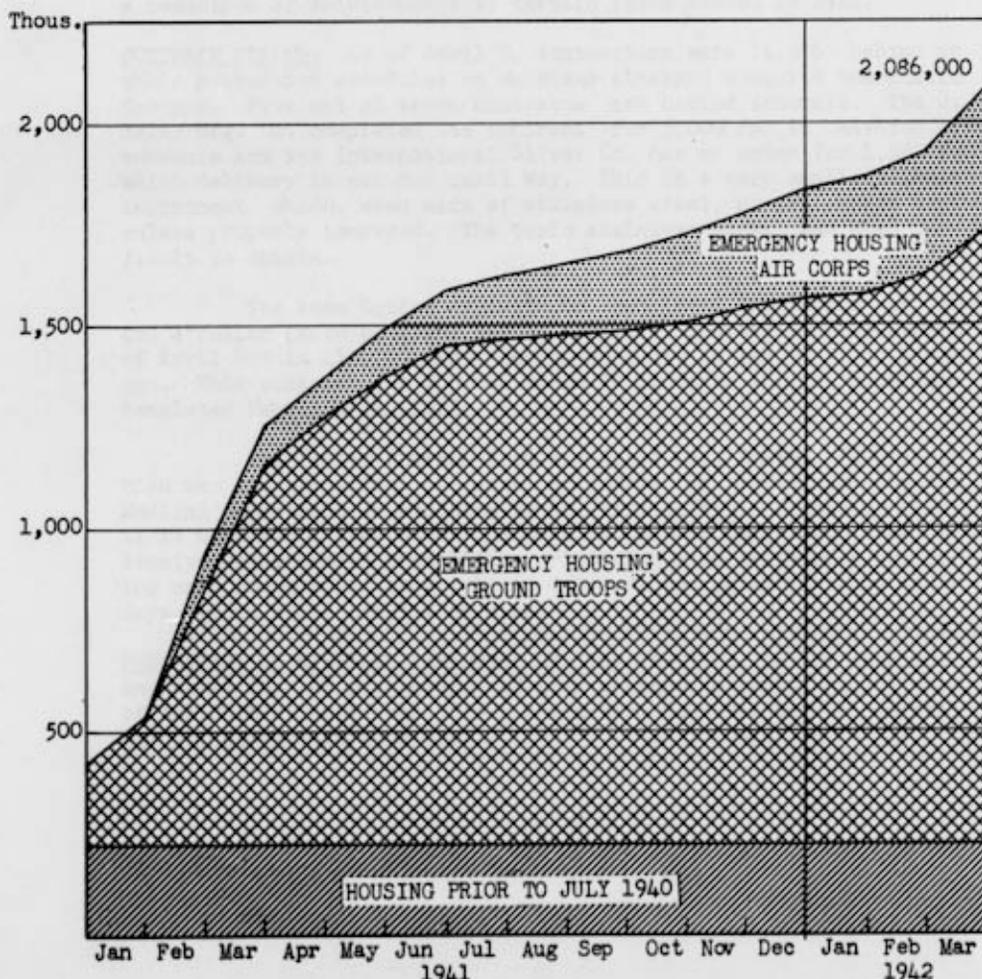
* Information Unavailable
 1/ Schedule of Trucks Unavailable
 2/ Includes Defense Aid

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - MARCH 31, 1942

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

The diagram shows that as of March 31, there is housing available for 2,086,000 men. This is the sum of the 217,000 available in July, 1940 at the start of the present emergency housing program, plus 1,514,000 for ground troops and 355,000 for air corps stations built since then.

TROOP HOUSING AVAILABILITY



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED APRIL 23, 1942

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

PROGRAM STATUS: Revised estimates, as shown in the Monthly Status Report on the equipment section of the Army supply program, show a reduction of requirements in certain items needed in 1942.

CONTRACT STATUS: As of April 8, contractors were 14,306 behind in their production schedules on Halstead straight mosquito hemostatic forceps. Five out of seven contracts are behind schedule. The J. Sklar Mfg. Co. completed its contract for 5,000 far in advance of schedule and the International Silver Co. has an order for 1,382 on which delivery is not due until May. This is a very small, delicate instrument which, when made of stainless steel, breaks under test unless properly tempered. The basic stainless steel has been difficult to obtain.

The Acme Cotton Products Co. completed deliveries on 3" and 4" roller gauze bandages during the first quarter monthly period of April but is 115,000 dozen behind schedule on the 2" width bandage. This contract for 200,000 dozen 2" bandages should have been completed February 11, 1942.

The Taylor Wharton Iron and Steel Co., Easton, Pa., is behind in its production of steel cylinders for gasses used by the Medical Department. In addition to the difficulty in obtaining steel it is understood that other branches of the War Department have extensive requirements with higher priorities. Some deliveries are being made, however, and contracts to date are approximately only sixty days beyond their completion time.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ending April 16, the percentage of sick within the continental limits of the United States was 3.25. There were 3.05 percent in hospital and .20 percent in quarters.

MEDICAL DEPARTMENT - STATUS OF CERTAIN CRITICAL AND ESSENTIAL ITEMS - APRIL 8, 1942

Source of Information: Medical Department Procurement Progress Reports

	Author- ized 1/	Under Con- tract 1/	Required Prod. 1942 2/	Accepted					Scheduled			
				Jan 1- Apr 8	Jan	Feb	Mar	Apr 1-8	Mar	Apr	May	Jun
FIRST AID DRESSINGS												
Packet, first aid*	2,720	1,011	3,309	230	0	0	15	215	0	0	55	255
Dressing, first aid, large**	5,228	5,228	5,345	1,672	499	513	637	23	913	954	1,235	526
Dressing, first aid, small**	6,279	6,279	6,611	903	214	82	233	375	543	1,203	298	2,016
SURGICAL INSTRUMENTS												
Forceps, hemo., Abbey	8,247	8,247	7,647	4,015	1,593	1,572	850	0	300	0	300	3,632
Forceps, hemo., H., mos., str.	33,373	33,373	33,373	9,180	1,872	752	5,876	680	9,994	5,050	2,387	2,750
Forceps, hemo., Jones	10,322	10,322	10,514	3,385	0	1,045	348	1,992	1,500	2,248	2,248	2,249
Forceps, hemo., R.-K., str.	46,680	46,680	53,590	30,383	2,508	11,690	16,125	0	17,378	5,517	604	0
Forceps, hemo., R.-P., cur.	54,291	54,291	85,787	44,778	20,200	14,016	8,553	2,009	784	2,105	2,010	8,085
Forceps, hemo., Kocher, str.	9,404	9,404	9,404	2,844	0	216	372	2,256	0	0	0	2,789
Forceps, hemo., R.-O., 6 1/2", str.	30,515	30,515	30,515	20,567	4,474	9,985	4,356	1,752	3,222	700	7,548	0
Forceps, hemo., R.-O., 7 1/2", str.	31,610	31,610	28,586	16,284	6,636	3,276	4,572	1,800	1,876	9,000	9,000	10,158
Forceps, hyst., P., curved	12,116	12,116	25,301	4,607	2,939	924	372	772	760	4,764	5,072	0
Forceps, sponge	36,183	35,294	49,979	25,440	8,314	9,866	6,480	378	8,726	2,066	5,956	0
Forceps, towel, 3"	19,157	19,157	19,157	6,764	0	1,672	3,904	1,188	4,500	500	9,597	2,060
Forceps, towel, 5 1/2"	9,640	9,640	9,640	5,804	2,136	2,468	672	528	2,700	0	0	90
Holder, needle, H.-M.	16,546	16,546	16,969	5,679	1,909	1,856	1,914	0	3,000	3,477	2,534	2,534
Knife, operating, 1 1/2" blade	9,200	9,200	9,200	5,976	0	2,976	3,000	0	0	6,000	0	0
Knife, operating, 1 1/2" blade	9,686	9,686	9,670	681	0	0	681	0	16	5,114	0	0
Knife, operating, 2" blade	4,096	4,096	4,096	0	0	0	0	0	1,937	0	2,159	0
Scissors, bandage	105,159	105,159	131,526	35,638	7,576	15,392	12,220	450	3,000	36,600	16,747	16,500
Scissors, dis., cur., 5 1/2"	5,774	5,774	8,609	2,222	0	500	1,266	456	0	2,367	1,752	0
Scissors, dis., str., 5 1/2"	11,515	11,515	16,383	8,028	756	5,450	1,822	0	0	3,487	4,236	0
SURGICAL APPLIANCES												
Anesthesia apparatus, N ₂ O	678	678	931	6	6	0	0	0	0	4	100	0
Phonometer	590	588	425	366	26	226	63	51	195	54	66	0
Sphygmomanometer, mercurial	12,602	12,602	11,205	1,272	6	1,266	0	0	125	2,500	1,500	2,000
Splint, Thomas, arm, hinged	65,273	65,273	74,073	26,383	450	11,420	12,857	1,656	9,886	9,887	4,316	2,896
Splint, Army, leg, 3-ring	41,968	36,968	52,839	16,183	1,560	3,369	11,254	0	21,735	0	0	0
X-RAY EQUIPMENT												
Machine, radiographic, 200ma	481	266	609	81	18	27	36	0	35	47	51	30
I-ray, field, generator	775	775	1,083	38	20	18	0	0	109	2	140	70
I-ray, field, mobile unit	1,152	1,042	2,085	244	0	26	158	60	45	0	0	25
STERILIZERS												
Hospital, complete	206	203	674	163	44	70	49	0	21	7	41	64
Hospital, utensil	5,131	5,097	10,270	2,031	502	786	458	285	788	1,110	743	684
FIELD EQUIPMENT												
Kit strap, canteen ring	151,924	151,924	538,449	33,181	0	12,150	20,033	1,000	0	0	37,000	46,617
Kit insert, Type I	62,069	62,069	291,442	17,526	5,008	2,218	8,750	1,550	12,045	4,850	4,850	25,000
Kit insert, Type II	3,900	3,900	110,250	2,900	0	900	2,000	0	1,000	0	0	0
Kit strap, litter	159,750	159,750	216,003	28,993	0	16,585	8,078	4,330	0	0	37,600	44,322
Kit pouch, canvas	148,002	148,002	428,360	16,020	799	0	13,200	2,021	40,220	0	0	91,981
Kit, suspender	72,874	72,874	202,702	17,442	0	5,800	7,542	3,800	11,200	3,400	3,400	19,190
Chest, field, plain	11,518	11,518	18,071	1,873	167	525	1,109	72	0	1,161	1,399	4,000
Chest, field, modified	2,353	2,353	7,693	1,030	259	515	236	20	0	500	820	0
Litter, aluminum pole	1,684	1,684	45,211	0	0	0	0	0	2,000	0	0	0
Litter, folding	1,999	1,999	1,990	109	45	64	0	0	49	0	1,890	0

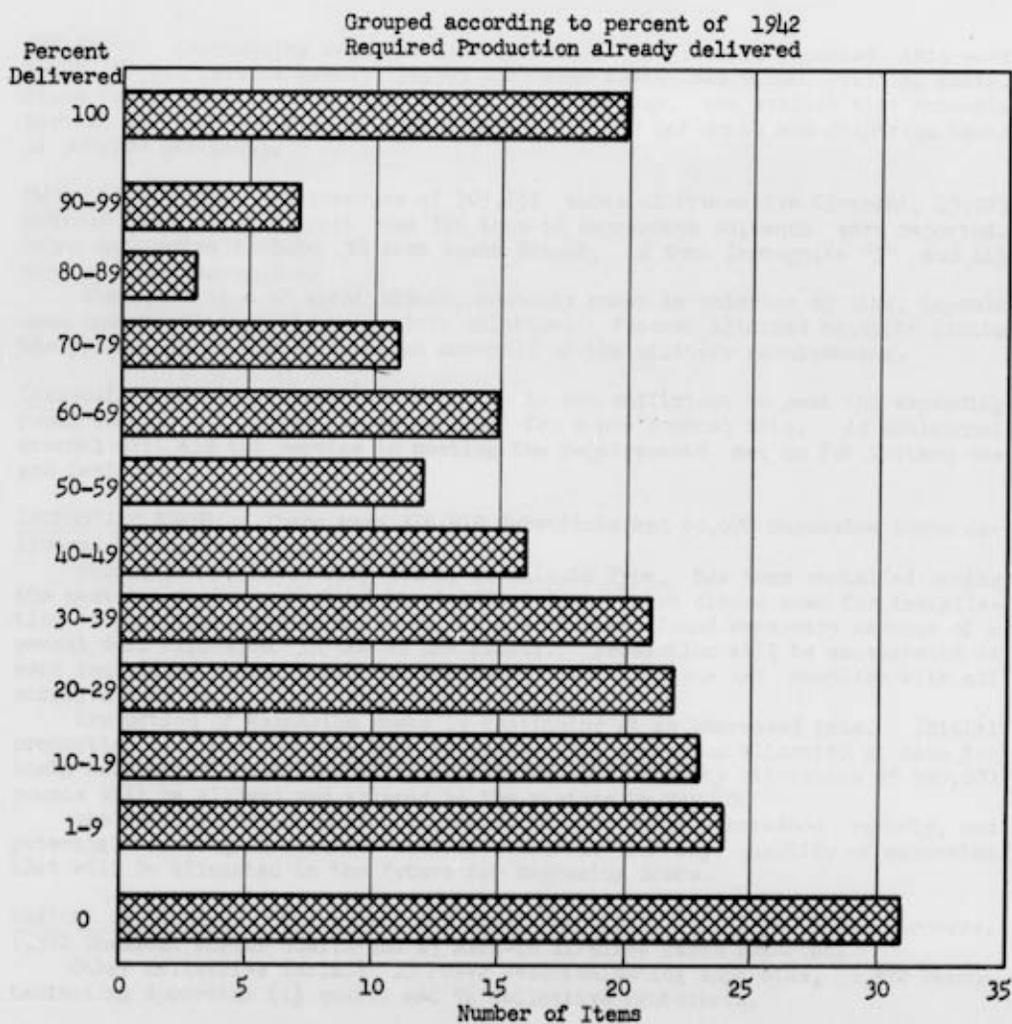
1/ All "Authorization" and "Under Contract" figures include the Fifth Supplemental and Philippine Army less all deliveries prior to January 1, 1942. Defense Aid and Navy figures not included.
2/ U. S. A. only.

* Figures in thousands
(a) Completes authorizations
(b) Completes contracts

MEDICAL DEPARTMENT - DELIVERIES AGAINST 1942 REQUIRED PRODUCTION - APRIL 8, 1942

Source of Information: Medical Department Procurement Progress Reports

205 CRITICAL ITEMS



TEXT SUMMARY - C. W. S. - STATUS APRIL 17, 1942

Source of Information: Chemical Warfare Service Progress Reports

GAS MASKS: Assemblies continue at a low rate. Deliveries reported this week total 27,652 Service Masks, 15,573 Diaphragm Masks and 9,260 Training Masks. Plant facilities, on the basis of one shift per day, are available to assemble Service Masks at the rate of approximately 675,000 per month and Diaphragm Masks at 300,000 per month.

PROTECTIVE AGENTS: Deliveries of 105,651 tubes of Protective Ointment, 23,923 gallons Non-Corrosive Agent and 196 tons of Impregnite Solvents were reported. Other deliveries include 36 tons Agent Bleach, 42 tons Impregnite "I" and 143 tons of Shoe Impregnite.

The production of Agent Bleach, commonly known as chloride of lime, depends upon industry's capacity to produce chlorine. Present allotted capacity limits the production of Bleach to about one-half of the military requirements.

CHEMICAL AGENTS: Present plant capacity is not sufficient to meet the expanding requirements. A survey is being made for a new arsenal site. An additional arsenal will aid the Service in meeting the requirements set up for Mustard Gas and Lewisite.

INCENDIARY BOMBS: There were 316,918 Substitute and 65,670 Magnesium Bombs delivered during this report period.

Production of Incendiary Bombs, Substitute Type, has been curtailed during the past two weeks. Most of the loading plants were closed down for installation of additional safety devices. This action was found necessary because of a recent dust explosion in one of the plants. Production will be accelerated as each individual plant completes necessary installations and complies with all safety standards.

Production of Magnesium Bombs is continuing at an increased rate. Initial production difficulties have been cleared. All magnesium allocated to date for bombs has been alloyed, and it is anticipated that the May allocation of 590,000 pounds will be alloyed and shipped to the casters by May 10.

The casting capacity of the contractors is being increased rapidly, and potential casting facilities will be available for any quantity of magnesium that will be allocated in the future for Magnesium Bombs.

VARIOUS DELIVERIES: There were 665 Steel Containers (ton), 60 Flame Throwers, 1,372 Chemical Mortar Shells and 45 Mark-10 Airplane Tanks reported.

Other deliveries include 10 Power Decontaminating Apparatus, 5,872 Decontaminating Apparatus (1½ quart) and 94 Collective Protectors.

TABULAR SUMMARY - STATUS OF 1942 PROCUREMENT PROGRAM - APRIL 17, 1942

Source of Information: Chemical Warfare Service

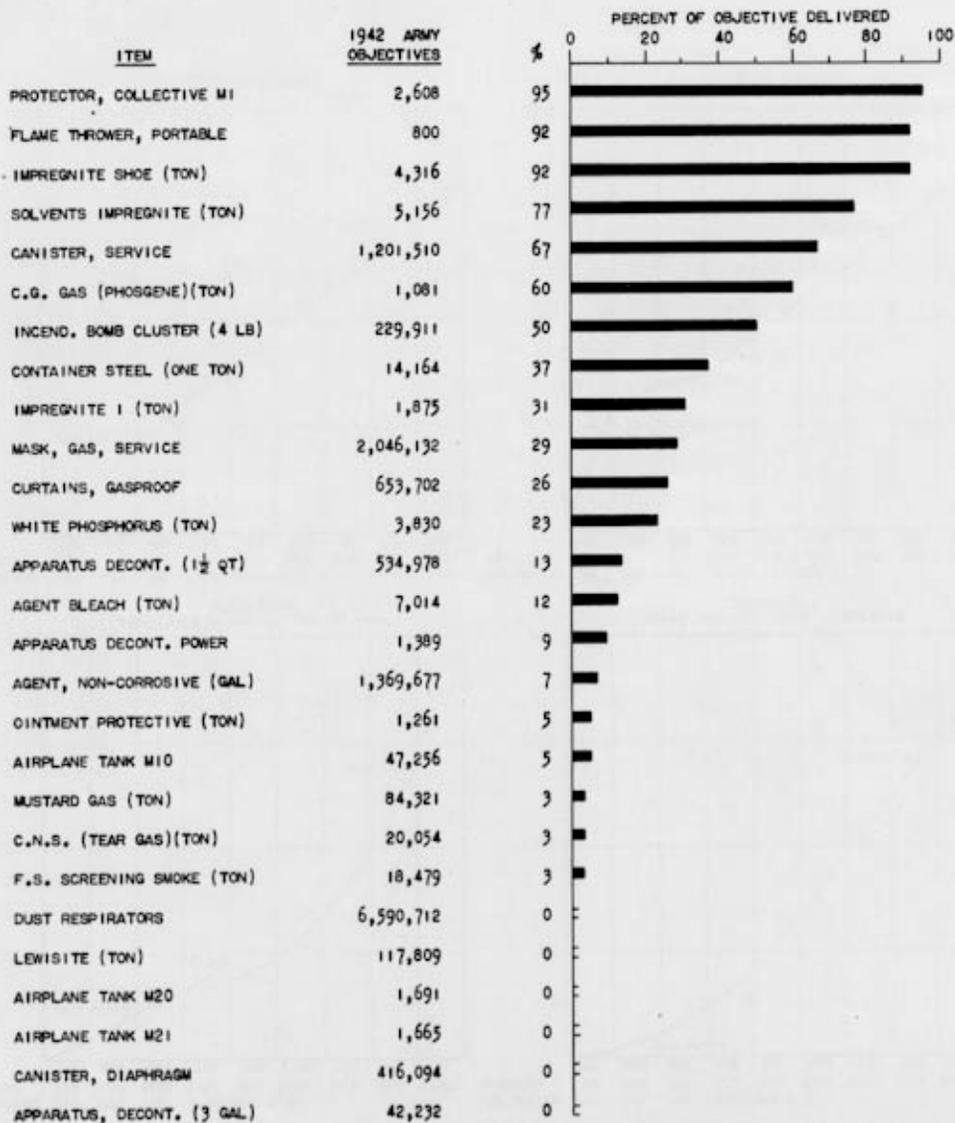
Item	Author-ized*	Under Con-tract*	Req'd Prod. 1942	Accepted				Estimated				
				Jan 1- Apr 17	Jan	Feb	Mar	Apr 1-17	Apr	May	Jun	Jul
CRITICAL												
Agent Bleach (ton)	5,394	5,017	7,014	831	185	202	382	62	310	310	310	310
Agent H.T. Bleach (ton)	900	522	493	30	10	20	0	0	110	110	110	110
Agent Non-Corr. (gal)	2,546,369	2,400,664	1,369,677	90,943	0	0	28,349	62,594	40,000	40,000	40,000	40,000
Apparatus Decont. Power	1,178	1,178	1,389	121	0	0	67	54	160	160	160	160
Bomb, Incendiary (Mag/)	99,914	35,000	***	206	0	4	111	91	160	160	160	160
Bomb, Incendiary (Sub/)	19,962	19,962	***	3,682	245	782	1,911	745	2,000	2,000	4,000	4,000
Canister, Naphragm	633,886	403,957	416,094	0	0	0	0	0	240,000	163,957	0	0
Canister, Optical	8,110	8,110	0	0	0	0	0	0	6,092	0	0	0
Canister, Service	1,431,483	931,398	1,201,510	883,556	189,836	253,635	247,463	116,690	240,000	464	0	0
Chemical Agents (tons)												
Lewisite (M-1)	2,953	2,953	117,809	49	0	0	28	21	40	40	40	40
Mustard (M)	24,599	18,010	84,321	2,464	65	724	586	539	600	600	1,200	1,800
Phosgene (CG)	640	640	1,081	640	0	0	545	94	0	0	0	0
Screening Smoke (PS)	1,082	1,655	18,479	740	250	202	205	87	300	96	0	0
Screening Smoke (HC)	3,807	3,807	474	0	0	0	0	0	200	300	300	300
Tear Gas (DS)	1,547	1,437	20,054	699	120	226	277	76	150	150	150	150
White Phosphorus (WP)	13,599	9,786	3,850	889	207	0	523	159	Procured as Needed			
Mask, Gas, Naphragm	615,247	634,646	843,200	149,380	104,180	21,190	8,427	15,573	30,000	30,000	30,000	30,000
Mask, Gas, Service	1,357,810	1,357,810	2,046,132	602,697	153,969	175,238	146,445	127,025	140,000	140,000	140,000	140,000
Tank, Airplane M-10	33,096	33,096	47,256	2,259	0	0	928	722	609	850	6,850	6,090
Tank, Airplane M-20	1,690	940	1,691	0	0	0	0	0	156	0	0	50
Tank, Airplane M-21	1,690	940	1,665	0	0	0	0	0	156	0	0	0
ESSENTIAL												
Agent, Simulated (M1, M2)	3,177	0	597	0	0	0	0	0	0	0	0	0
Alarm, Gas	48,309	0	34,135	0	0	0	0	0	0	0	0	0
Apparatus Decont (1/2 qt)	660,337	497,392	534,978	69,543	12,000	20,000	24,596	12,947	58,475	78,000	78,000	78,000
Apparatus Decont (3 gal)	43,848	43,848	42,232	0	0	0	0	0	250	5,000	5,000	0
Candle, DM	3,162	3,162	44,019	0	0	0	0	0	0	1,000	1,000	0
Canister, Coll. Prot.	8,400	8,400	5,736	6,336	520	1,493	2,750	1,573	477	0	0	0
Cart C.W. 4.2*	358	358	436	0	0	0	0	0	50	30	30	30
Container Steel (1 ton)	36,449	33,680	259,477	5,252	568	1,112	1,627	1,945	2,000	2,000	2,000	2,000
Curtains Gasproof	431,348	442,359	653,702	169,751	77,586	63,365	28,800	0	65,000	65,000	65,000	65,000
Cylinders Portable	1,222	1,220	17,018	0	0	0	0	0	0	900	274	0
Flame Thrower, Replaced	520	0	1,035	0	0	0	0	0	0	0	0	0
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	0	0	0	0
Flame Thrower, Portable	980	980	800	733	0	50	427	256	250	253	0	0
Generator Smoke Veh.	20,111	0	51,673	0	0	0	0	0	0	0	0	0
Impregnate I (ton)	10,634	6,908	1,975	581	48	152	217	164	300	500	500	500
Impregnate Shoe (ton)	8,348	8,348	4,316	3,990	808	1,176	1,127	879	1,300	1,300	1,300	1,000
Mask, Gas, Horse M1	20,713	20,713	28,248	0	0	0	0	0	0	10,000	10,713	0
Mask, Gas, Horse M5	18,432	18,432	29,056	0	0	0	0	0	0	10,000	8,432	0
Mask, Gas, Training	3,053,190	3,053,190	0	410,523	149,803	140,990	105,330	14,800	100,000	250,000	400,000	400,000
Mine, Land, Chemical	1,109,107	543,347	398,970	543,347	159,970	303,146	80,231	0	0	0	0	0
Mortar Chemical 4.2*	293	293	395	0	0	0	0	0	50	30	30	30
Ointment Prot. (ton)	10,744	2,170	1,261	58	4	0	0	30	24	35	36	36
Protector Collective	2,800	2,800	2,608	2,487	197	600	1,334	356	500	169	0	0
Respirator, Dust	5,450,500	5,532,747	6,590,712	21,750	14,250	0	3,836	3,664	130,887	500,000	500,000	500,000
Set, Gas, Detonation	4,684	4,684	59,718	2,260	281	1,979	0	0	0	0	0	0
Set, Gas, Instructional	0	0	7,660	0	0	0	0	0	0	0	0	0
Shell, Chemical Mortar	715,837	715,837	647,481	7,627	0	0	3,419	4,208	15,000	48,000	48,000	48,000
Shell, Livens Projector	70,227	24,327	32,268	3,548	3,548	0	0	0	5,000	5,000	5,000	5,000
Sight, Chemical Mortar	370	370	411	0	0	0	0	0	30	30	30	30
Solvent, Impregnate (ton)	22,686	10,244	5,156	3,962	1,366	880	1,202	514	850	850	850	850

* All "Authorization" and "Under Contract" figures include the Fifth Supplemental and Philippine Army less all deliveries prior to January 1, 1942. Defense Aid and Navy figures not included.

/ Figures in Thousands
 *** No figures available

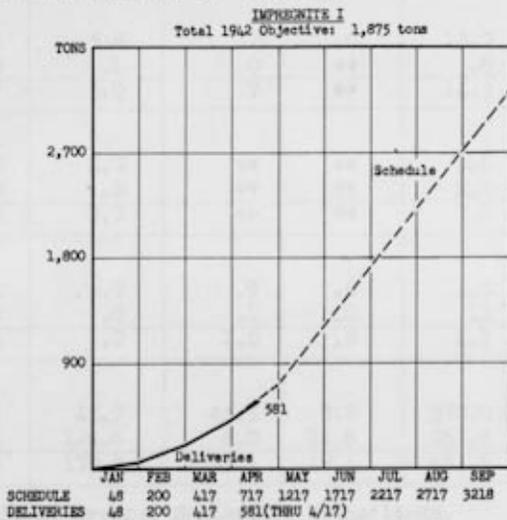
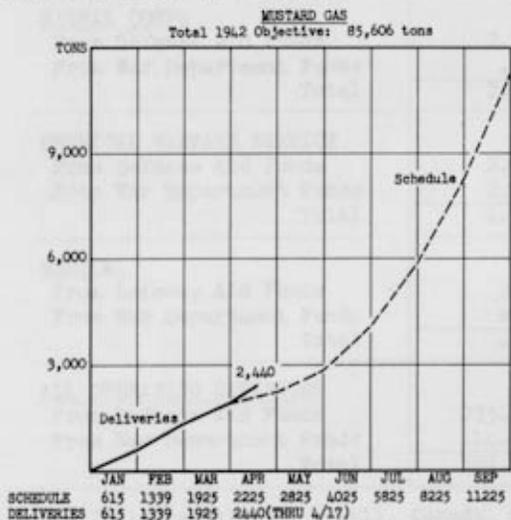
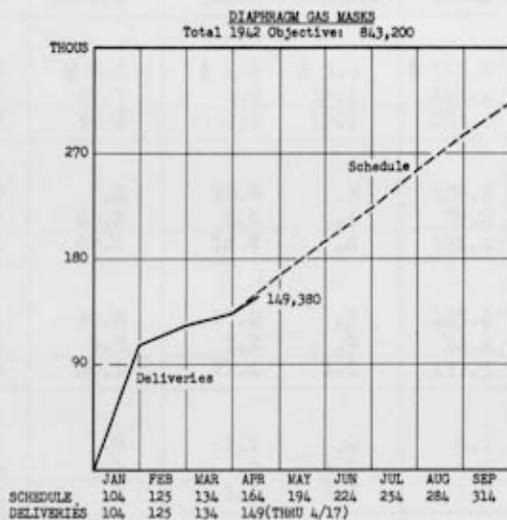
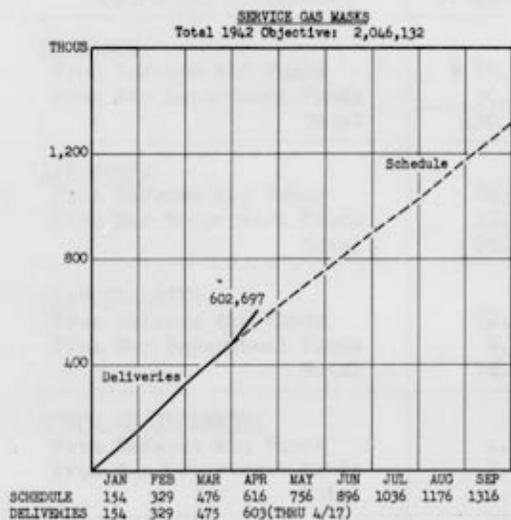
PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - APRIL 17, 1942

Source of Information: Chemical Warfare Service



SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - APRIL 17, 1942

Source of Information: Chemical Warfare Service



TABULAR SUMMARY - TRANSFERS - DEFENSE AID - AS OF MARCH 31, 1942

Source of Information: International Division

MILLION DOLLARS

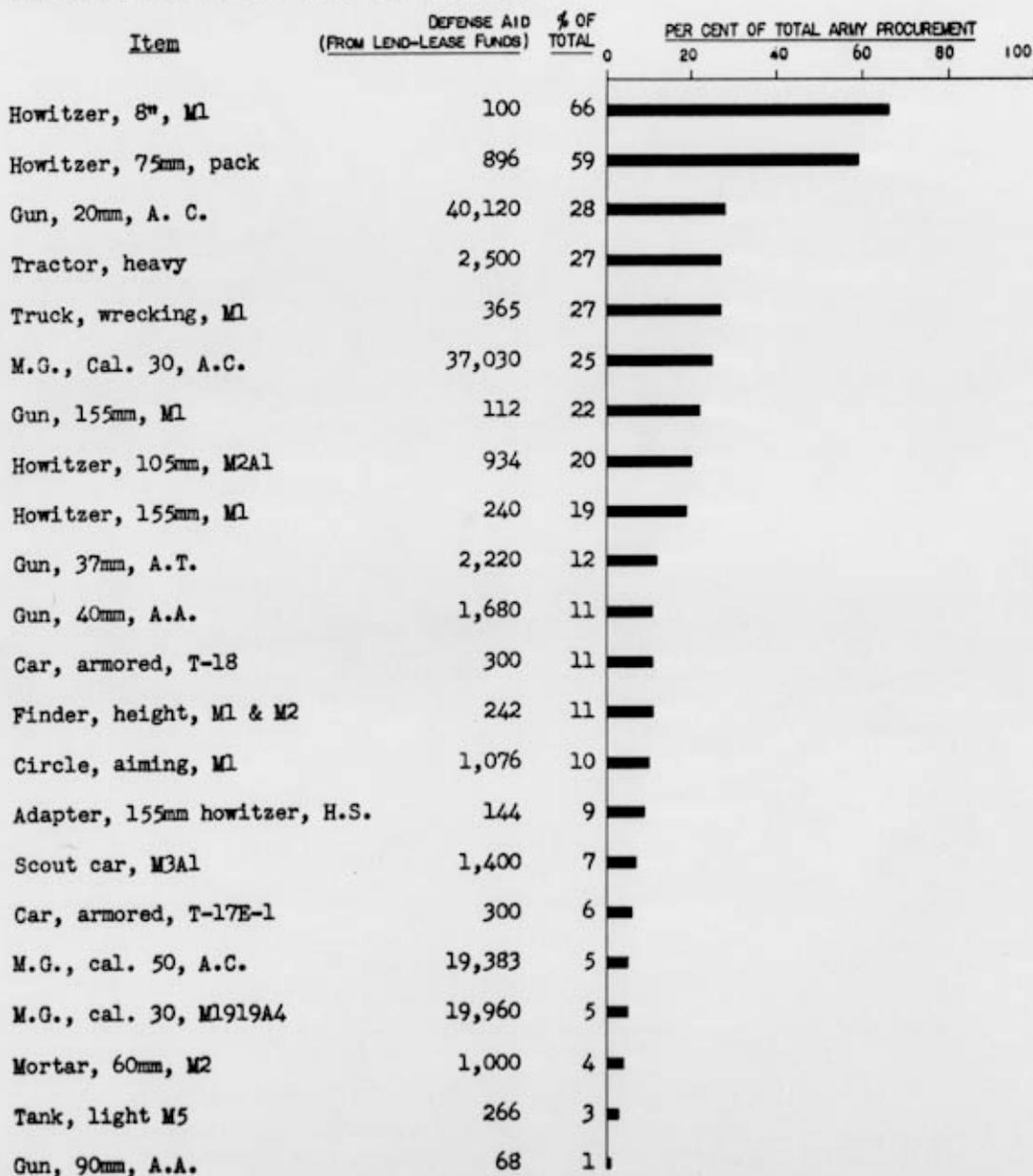
Operating Divisions	United Kingdom	Russia	China	Other(a)	Total
<u>ORDNANCE</u>					
From Defense Aid Funds	\$ 99.8	\$ 6.2	\$ 4.6	\$ 3.0	\$ 113.6
From War Department Funds	96.9	49.7	4.7	10.1	161.4
Total	196.7	55.9	9.3	13.1	275.0
<u>AIR CORPS</u>					
From Defense Aid Funds	88.9	.2	16.8	.3	106.2
From War Department Funds	10.5	65.2	2.0	.5	78.2
Total	99.4	65.4	18.8	.8	184.4
<u>QUARTERMASTER</u>					
From Defense Aid Funds	72.1	30.8	20.2	.3	123.4
From War Department Funds	2.5	9.5	1.2	.9	14.1
Total	74.6	40.3	21.4	1.2	137.5
<u>CORPS OF ENGINEERS</u>					
From Defense Aid Funds	4.2	.0	2.1	.2	6.5
From War Department Funds	2.0	.1	.0	3.1	5.2
Total	6.2	.1	2.1	3.3	11.7
<u>SIGNAL CORPS</u>					
From Defense Aid Funds	7.2	5.8	.7	.0	13.7
From War Department Funds	.5	.1	.0	**	.6
Total	7.7	5.9	.7	**	14.3
<u>CHEMICAL WARFARE SERVICE</u>					
From Defense Aid Funds	2.9	2.7	**	**	5.6
From War Department Funds	2.0	.0	**	**	2.0
Total	4.9	2.7	**	**	7.6
<u>MEDICAL</u>					
From Defense Aid Funds	.1	.0	.9	.0	1.0
From War Department Funds	**	.0	.1	.0	.1
Total	.1	.0	1.0	.0	1.1
<u>ALL OPERATING DIVISIONS</u>					
From Defense Aid Funds	275.2	45.7	45.3	3.8	370.0
From War Department Funds	114.4	124.6	8.0	14.6	261.6
Total	389.6	170.3	53.3	18.4	631.6

(a) Includes Belgium, Brazil, Canada, Chile, Greece, Guatemala, Netherlands, Norway, Poland, Turkey, Uruguay and Administrative Expense.

** Under \$50,000

DEFENSE AID AS A PORTION OF U.S. ARMY PROCUREMENT - ORDNANCE - MARCH 31, 1942

Source of Information: Ordnance Department



EDITORIAL COMMENT ON OUR MILITARY EFFORT - Talled from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistical Service, April 22, 1942

Our war with Germany has received an increasing amount of editorial attention throughout the last four months. The increase has come in irregular waves, caused by events in both theatres of war. The first upward surge of concern about our part in the war with Germany came in January, as a result of the submarine attacks on our shipping in the Atlantic. At the end of January the rapid deterioration of the Far Eastern situation temporarily overshadowed every other consideration, and interest in the war with Germany declined, though sinkings continued to be numerous.

The arrival of General MacArthur in Australia in the middle of March did much to allay concern about developments in that sector and editorial attention swung once more toward the West. Since that time, discussion of the coming Spring offensive in Europe has centered on the possibility of more active participation by our forces. The belief is now general that some form of active participation is now planned and editorial interest in the progress of our war with Germany has reached a new high point.

