War: Reports, weekly statistical: 6/8/42

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RELEASED

WEEKLY STATISTICAL SUMMARY

NUMBER 48

MAY 28, 1942

STATISTICAL SERVICE

SERVICES OF SUPPLY

WAR DEPARTMENT

DECLASSIFIED

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WEEKLY STATISTICAL SUMMARY
REPORT NO. 48
MAY 28, 1942

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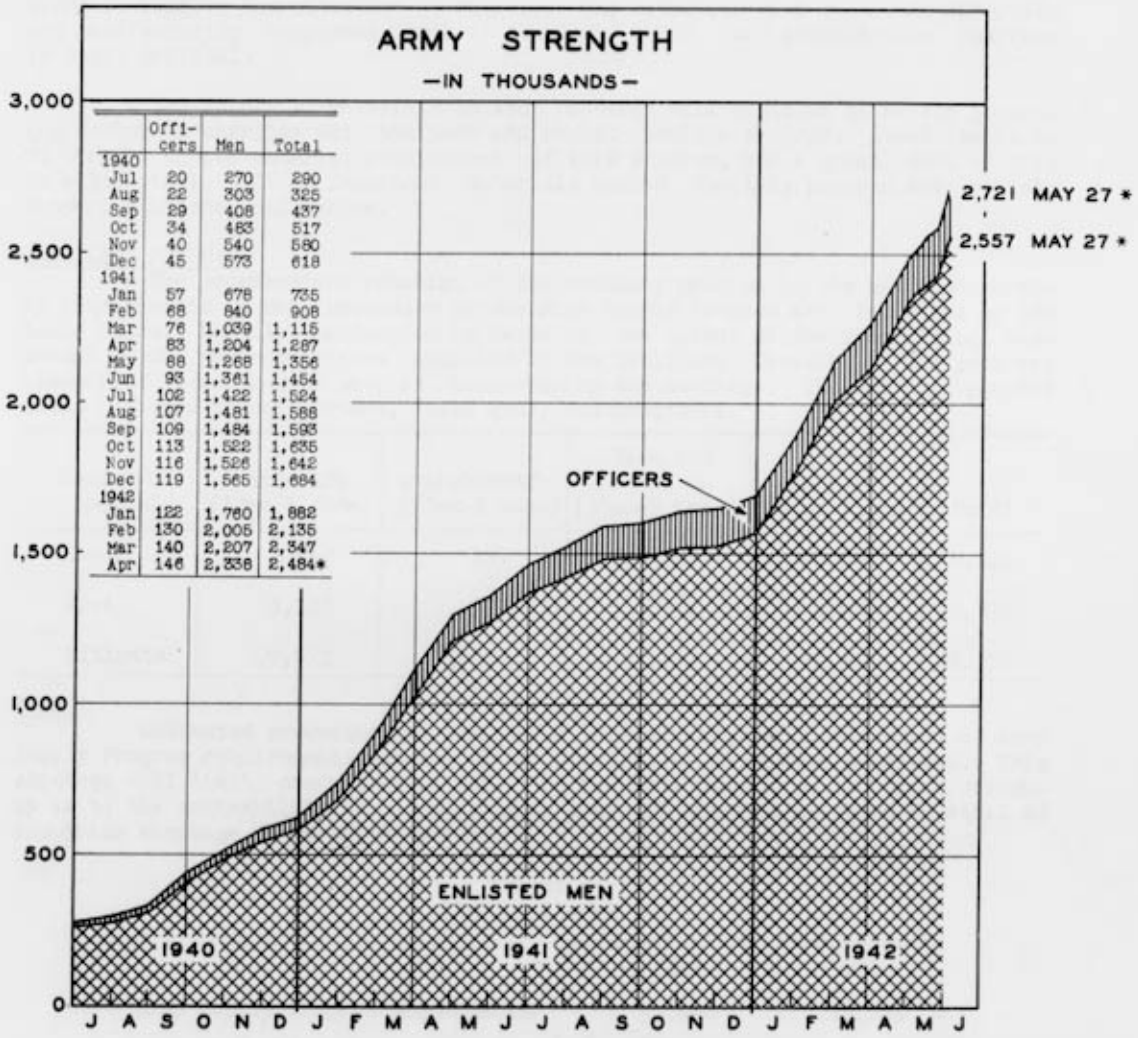
ARMY STRENGTH - MAY 27, 1942

Source of Information: Statistics Branch, General Staff



	Officers	Men	Total
1940			
Jul	20	270	290
Aug	22	303	325
Sep	29	408	437
Oct	34	483	517
Nov	40	540	580
Dec	45	573	618
1941			
Jan	57	678	735
Feb	68	840	908
Mar	76	1,039	1,115
Apr	83	1,204	1,287
May	88	1,268	1,356
Jun	93	1,361	1,454
Jul	102	1,422	1,524
Aug	107	1,481	1,588
Sep	109	1,484	1,593
Oct	113	1,522	1,635
Nov	116	1,526	1,642
Dec	119	1,565	1,684
1942			
Jan	122	1,760	1,882
Feb	130	2,005	2,135
Mar	140	2,207	2,347
Apr	146	2,338	2,484*

* Estimates

TEXT SUMMARY - ORDNANCE DEPARTMENT - MAY 28, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

MATERIALS

As a result of granting A-1-a priorities on a number of important items, the difficulty of securing materials for carrying out the artillery procurement program is reported to be lessened. Eventually, it is expected that all materials in the artillery program will have A-1-a ratings. Whether or not this will continue to improve the situation is dubious. The situation with regard to materials and manufacturing components such as aluminum, latex, and antifriction bearings is still critical.

The supply of materials is and probably will continue to be the governing factor in carrying out the tank and combat vehicle program. Steel makes up 95 percent of the material requirement of this program, and a great deal of this is alloy steel. Other important materials needed for this program are nickel, copper, aluminum, and rubber.

ARTILLERY PROGRAM

The progress and relation of the artillery program to the ultimate monthly requirements as made necessary by the Army Supply Program are indicated by the table below. Monthly production is based on the output of the controlling component of the various weapons supplied by the Artillery Division. The guns are classified according to use, as indicated by the headings. The general purpose class includes trench mortars, field guns, and howitzers.

Production period	Aircraft (37mm & 40mm)	Antiaircraft (37mm-3 inch)	Tank and antitank (37mm-3 inch)	General purpose (60mm-240mm)	Total
March	4,262	139	2,436	1,606	8,443
April	5,138	373	3,749	1,476	10,736
Ultimate	9,675	3,450	11,900	3,330	28,355

TOLUOL

Estimated production of toluol for 1942 and 1943 will fall short of Army Supply Program requirements because of the difficulty in getting equipment. This shortage will limit production of TNT. The problem, therefore, is again brought up as to the advisability of completing as many TNT lines since there is still an impending shortage of smokeless powder.

Toluol
(1000 gallons)

	1942	1943
Army Supply Program Requirements	91,990	216,235
Estimated Production	86,450 *	211,465

* Includes January 1, 1942, inventory.

AMMUNITION - DAYS SUPPLY - MAY 1, 1942

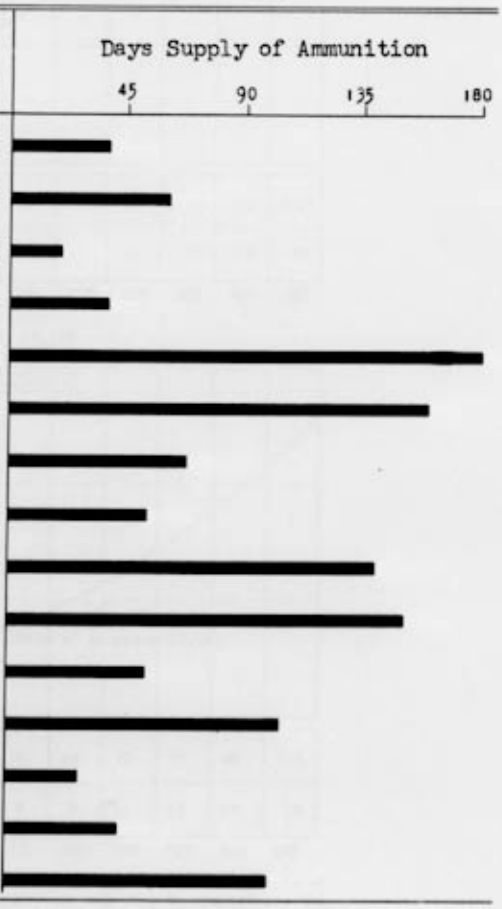
Source of Information: Ordnance Department, General Staff and Statistical Service, SOS

Present status of ammunition on hand for guns available is shown in the diagram below. Days of supply are computed by dividing the total number of rounds of ammunition on hand by one day's requirement in a theatre of operations for all weapons on hand; guns and ammunition in both the U.S. and overseas are included. While no standard can be set as to the number of days of supply each weapon should have, the diagram serves in showing the present gun-ammunition ratio for each caliber.

Further studies have indicated that there are adequate supplies of ammunition for weapons overseas in almost all cases.

TOTAL STOCKS - COMPARISON OF GUNS AND AMMUNITION

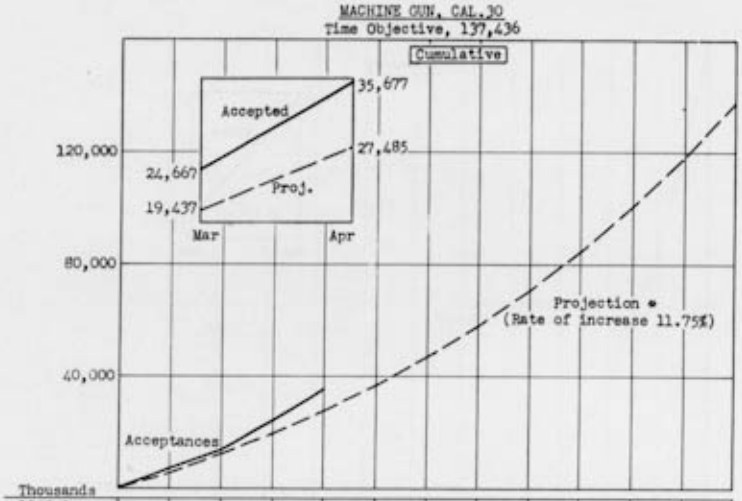
Type	On Hand May 1, 1942		Days
	Guns	Ammunition (Thousands)	
Caliber .30	1,949,971	977,511	38
Caliber .45	478,695	218,274	61
Caliber .50	108,799	123,713	20
37mm T & AT	7,995	3,076	38
37mm AA	539	3,326	617
40mm AA	202	324	160
75mm gun	4,266	5,276	68
75mm howitzer	611	1,039	53
3" AA	939	1,304	140
90mm AA	4,010	608	151
105mm howitzer	3,250	2,843	53
155mm howitzer	1,761	1,883	104
155mm gun	972	504	28
60mm mortar	6,765	2,184	43
81mm mortar	2,483	1,107	100



MACHINE GUNS - TANK, GROUND, AND ANTIAIRCRAFT - 1942 TIME OBJECTIVES - APRIL 30, 1942

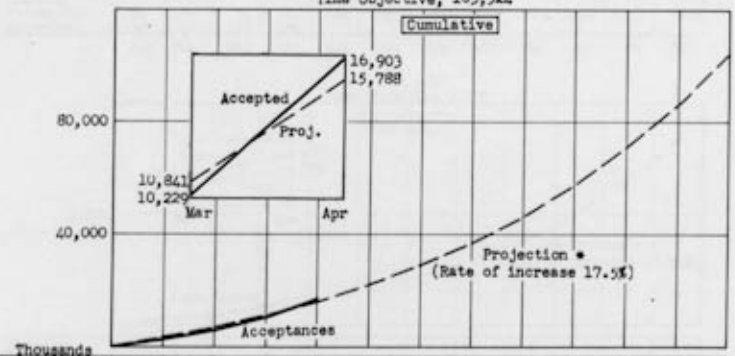
Source of Information: Ordnance Department and Statistical Service, SOS

MACHINE GUN, CAL.30
Time Objective, 137,436



Thousands	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 Cum. Projection*	6	12	19	27	37	47	58	70	84	100	118	137
Accepted	7	14	25	36								
Monthly Projection	6	6	7	8	9	10	11	13	14	16	18	20
Accepted	7	6	11	11								

MACHINE GUN, CAL.50
Time Objective, 103,524

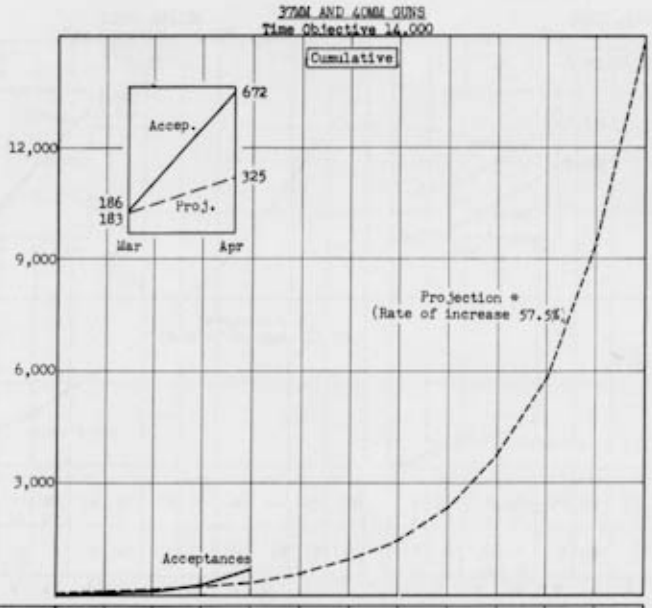


Thousands	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 Cum. Projection*	3	7	11	16	22	28	36	46	57	70	85	103
Accepted	2	6	10	17								
Monthly Projection	3	4	4	5	6	7	8	9	11	13	15	18
Accepted	2	3	5	7								

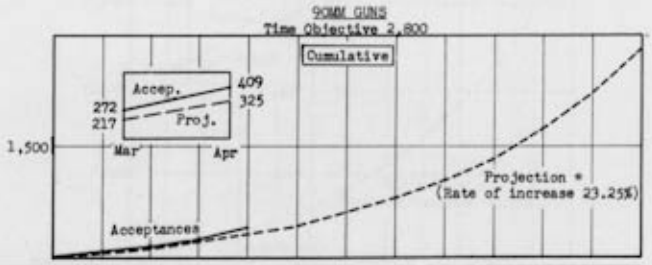
* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the December 1941 production required to approximate the time objectives for the calendar year 1942.

ANTIAIRCRAFT GUNS - 1942 TIME OBJECTIVES - APRIL 30, 1942

Source of Information: Ordnance Department and Statistical Service, SOS



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 Cum.												
Projection*	36	93	183	325	549	902	1458	2334	3714	5888	9312	14705
Accepted	30	70	186	672								
Monthly												
Projection	36	57	90	142	224	353	556	876	1380	2174	3424	5393
Accepted	30	40	116	486								

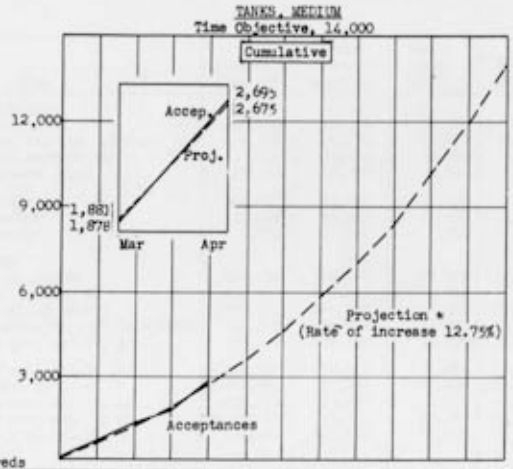


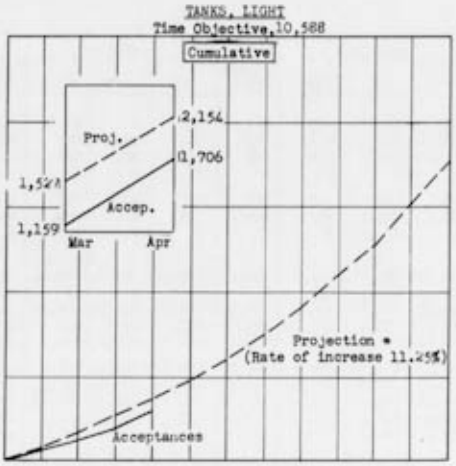
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 Cum.												
Projection*	58	129	217	325	458	622	824	1073	1380	1758	2224	2798
Accepted	114	188	272	409								
Monthly												
Projection	58	71	88	108	133	164	202	249	307	378	466	574
Accepted	114	74	84	137								

* 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 time objectives for the calendar year 1942.

TANKS AND ANTITANK GUNS - 1942 TIME OBJECTIVES - APRIL 30, 1942

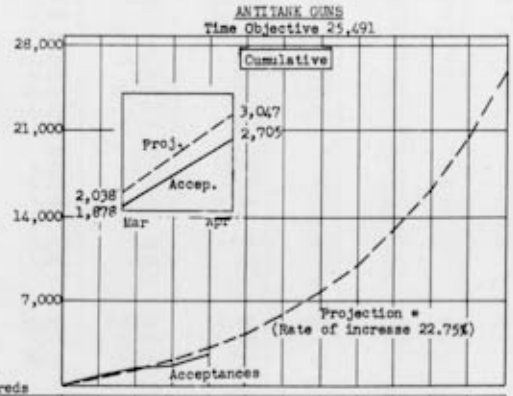
Source of Information: Ordnance Department and Statistical Service, SOS





Hundreds	J	F	M	A	M	J	J	A	S	O	N	D
1942 Cum.												
Projection*	6	12	19	27	36	46	57	70	84	101	119	140
Accepted	6	12	19	27								
Monthly												
Projection	6	6	7	8	9	10	11	13	14	16	18	21
Accepted	6	6	7	8								

	J	F	M	A	M	J	J	A	S	O	N	D
	5	10	15	22	29	36	45	55	65	77	90	105
	4	7	12	17								
	5	5	6	6	7	8	9	10	11	12	13	15
	4	4	4	5								



Hundreds	J	F	M	A	M	J	J	A	S	O	N	D
1942 Cum.												
Projection*	5	12	20	30	43	58	77	100	128	162	204	256
Accepted	8	13	19	27								
Monthly												
Projection	5	7	8	10	12	15	19	23	28	34	42	52
Accepted	8	6	4	8								

* 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 time objectives for the calendar year 1942.

TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE EQUIPMENT ITEMS ON ARMY SUPPLY PROGRAM - MAY 19, 1942

Source of Information: Ordnance Department

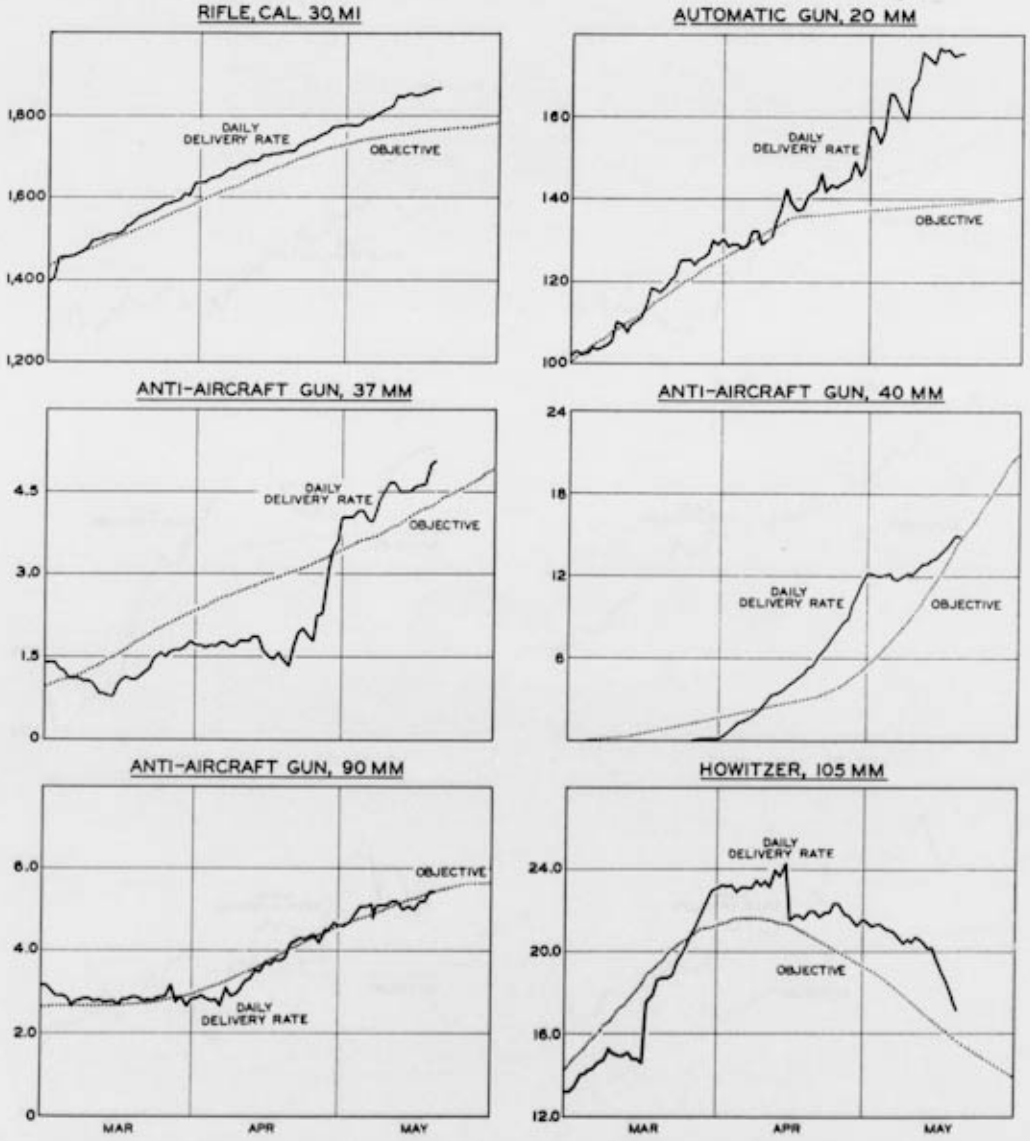
Item	Authorized (a)	Under contract (a)	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 19	Feb	Mar	Apr	May 1-19	May	Jun	Jul
COMBAT VEHICLES											
Scout car, M3A1	16,538	16,538	9,406	611	0	0	295	316	800	1,187	1,200
Personnel carrier, M2 & M4	9,735	9,235	4,636	2,038	587	480	220	108	128	325	325
Personnel carrier, M3	17,095	16,854	8,925	1,334	355	192	198	181	555	550	1,000
Armored cars (all)	22,430	7,860	8,937	0	0	0	0	0	0	0	0
Tank, light	24,245	22,745	10,588	2,066	363	418	557	350	562	645	780
Tank, medium	40,692	40,692	14,000	3,193	630	672	817	498	984	1,230	1,425
Tank, heavy	1,132	777	115	0	0	0	0	0	1	0	4
SMALL ARMS											
Rifle, cal.30, M1	1,200,490	1,200,490	579,500	217,531	40,260	49,180	53,280	34,481	55,450	55,550	58,800
Carbine, cal.30, M1	1,652,243	1,607,243	1,077,808	20	12	0	0	0	500	1,105	3,500
Rifle, cal.30, M1903	1,707,551	806,727	979,000	90,421	11,981	21,889	25,982	14,506	30,000	30,000	30,000
Rifle, auto. Brg.cal.30,M1918A2	31,219	31,219	22,870	4,779	613	900	1,170	1,730	1,513	1,500	1,500
Machine gun, cal.30, AC	157,629	128,955	96,700	30,475	4,440	6,090	9,221	5,017	9,042	9,500	10,000
Machine gun, cal.30 (War.)	442,581	432,515	137,436	43,443	6,389	10,849	11,010	7,766	9,805	12,218	14,500
Submachine gun, cal.45	1,619,094	792,782	979,336	222,875	45,783	48,092	54,340	34,944	56,500	59,000	59,000
Machine gun, cal.50, AC	435,452	329,552	142,046	67,755	15,197	15,530	15,806	11,728	14,973	16,000	17,000
Machine gun, cal.50, AA	57,043	56,704	35,463	10,363	1,584	2,035	3,335	2,211	4,348	4,500	4,500
Machine gun, cal.50, HB	121,400	120,170	68,061	10,275	1,656	2,656	3,339	1,524	2,499	4,000	5,000
ARTILLERY											
Gun, 20mm, AC	141,170	125,388	47,473	17,110	2,826	3,912	4,736	3,229	5,385	6,500	7,110
Gun, 37mm, AC	13,750	13,731	3,683	1,532	267	350	400	265	425	600	717
Gun, 37mm, AA	2,673	2,673	3,500	282	40	51	121	40	160	200	200
Gun, 37mm, tank, M5 & M6	66,230	60,817	20,763	6,966	942	1,496	1,782	870	1,900	2,319	2,875
Gun, 37mm, AT, wheeled	16,775	16,775	14,461	3,078	639	394	752	450	1,065	1,250	1,400
Gun, 37mm, AT, self-propelled	8,699	5,380	2,539	157	0	0	0	157	780	576	200
Gun, 40mm, AA, M1 & SP	25,640	12,736	11,100	664	0	65	365	234	445	1,022	1,266
Gun, 57mm, AT, wheeled	8,500	6,500	1,059	149	0	2	75	72	176	210	290
Gun, 57mm, AT, self-prop.	2,286	0	2,054	0	0	0	0	0	Schedule not available		
Mortar, 60mm	17,442	17,442	3,790	1,749	300	379	323	100	600	850	500
Howitzer, 75mm, field & pack	2,023	1,746	1,213	142	0	0	48	24	60	70	85
Howitzer, 75mm, self-propelled	2,428	500	1,839	201	47	68	86	0	34	60	60
Gun, 75mm, tank	41,119	40,849	14,190	3,603	533	796	922	704	1,025	1,300	1,500
Gun, 75mm, AT, self-prop.	1,350	1,350	50	464	1	101	218	144	180	180	306
Gun, 3", tank	3,102	2,052	115	0	0	0	0	0	0	20	20
Gun, 3", AT, wheeled	100	100	0	0	0	0	0	0	None scheduled		
Gun, 3", AT, self-propelled	6,445	1,580	5,378	0	0	0	0	0	None scheduled		
Mortar, 81mm	6,101	6,101	3,773	1,385	345	286	281	220	431	425	425
Gun, 90mm, AA	7,826	7,525	2,800	504	74	84	137	95	138	162	195
Howitzer, 105mm, wheeled	4,240	4,223	3,035	1,866	367	479	467	230	404	394	163
Howitzer, 105mm, self-propelled	3,686	924	2,782	384	0	177	181	26	None scheduled		
Howitzer, 155mm, new	1,270	950	450	25	0	0	0	25	Starts in Sep '42		
Gun, 155mm, M1	465	465	119	157	28	31	31	18	29	30	40
FIRE CONTROL, AA											
Director, M5 & M6	33,295	18,145	14,891	698	71	144	254	224	375	450	554
Director, M7	3,487	2,487	1,022	115	25	21	27	17	28	29	39
Finder, height	2,101	2,101	942	62	7	18	17	13	24	25	28
Instrument, binaural training	17	17	229	7	0	0	0	0	0	0	0
Instrument, flank spotting	662	608	1,071	381	125	100	24	51	75	75	49
Instrument, observation, BC	2,672	2,672	1,231	45	0	16	6	8	80	100	113
Locator, sound	714	714	2,311	189	20	47	36	23	50	50	32
Rule, flank spotting	222	204	358	204	0	68	0	34	134	0	0
Tester, stereoscopic	1,039	1,039	414	0	0	0	0	0	0	109	100
Trainer, stereoscopic	381	80	261	32	8	5	8	3	2	4	4

Figures include procurement for International Aid and other services.
(a) Quantity accepted prior to January 1, 1942, has been excluded.

DAILY RATES - ORDNANCE PROCUREMENT - MAY 19, 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 - MAY 19, 1942

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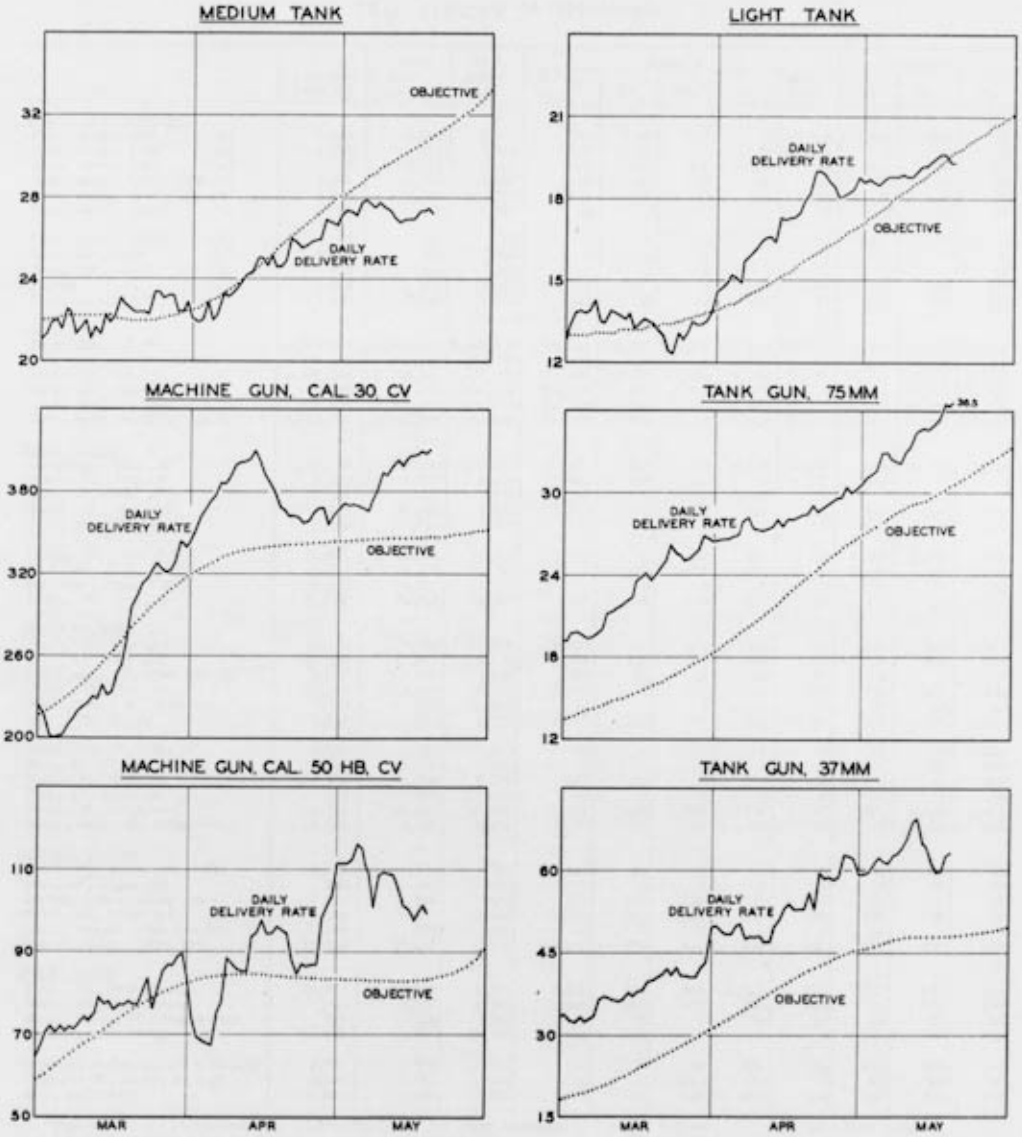


TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE AMMUNITION ITEMS ON ARMY SUPPLY PROGRAM - MAY 19, 1942

Source of Information: Ordnance Department

(All figures in thousands)

Item	Authorized (a)	Under contract (a)	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 19	Feb	Mar	Apr	May 1-19	May	Jun	Jul
BOMBS & PYROTECHNICS											
Bomb, frag., 20# (b)	1,226	1,226	2,157	260	79	110	0	0	228	200	250
Bomb, chem., 100# (bc)	1,181	845	2,762	90	14	25	31	18	51	90	54
Bomb, demo., 100# (b)	5,959	5,013	1,635	590	27	279	137	98	133	75	120
Bomb, demo., 250#, 300# (b)	4,921	2,513	1,351	190	29	39	44	23	35	50	75
Bomb, demo., 500# (b)	1,629	1,245	567	193	55	23	46	19	34	40	50
Bomb, demo., 1000# (b)	1,160	503	707	20	3	(d)	2	8	9	10	19
Bomb, demo., 2000# (b)	191	191	43	3	0	0	0	0	(d)	2	6
Bomb, SAP, 500# (b)	1,257	756	728	0	0	0	0	0	7	30	76
Bomb, SAP, 1000# (b)	548	244	257	0	0	0	0	0	0	3	18
Flares	2,322	876	2,457	27	(d)	5	11	10	253	185	183
Signals, aircraft	7,642	3,036	5,004	247	92	62	40	15	625	799	335
SMALL ARMS											
Cartridge, cal.30	16,345,908	14,695,469	8,557,108	1,367,045	185,990	306,171	417,248	275,124	508,655	556,046	635,148
Cartridge, cal.30, carbine	475,267	473,567	532,755	537	34	0	500	3	2,400	3,400	3,400
Cartridge, cal.45	6,589,644	2,196,444	3,297,070	271,492	49,180	65,676	74,404	36,634	70,564	77,050	88,055
Cartridge, cal.50	5,618,395	5,046,099	2,805,186	208,948	27,827	44,775	57,993	52,253	99,959	137,380	170,230
Link, metallic belt, cal.30	4,928,871	2,006,017	2,484,262	168,720	35,340	34,907	41,190	27,473	46,250	65,750	82,750
Link, metallic belt, cal.50	5,546,721	3,928,205	2,740,909	368,249	61,918	101,119	99,942	61,821	129,000	146,000	167,000
MINOR CALIBER											
Cartridge, 20mm, AC	235,332	188,290	135,467	21,814	2,963	3,592	6,127	2,986	4,966	10,250	13,900
Shell, HE, 37mm, AC	9,510	6,578	2,419	861	228	441	49	123	451	0	0
Shot, AP, 37mm, AC	544	544	171	61	0	12	22	27	28	25	10
Shell, HE, 37mm, AA	17,255	16,255	6,401	3,343	910	383	534	441	840	400	400
Shot, AP, 37mm, AA	2,016	2,016	1,215	0	0	0	0	0	125	75	170
Shell, HE, 37mm, T & AT	51,672	21,706	14,300	1,307	74	432	466	335	1,009	1,000	1,250
Shot, AP, 37mm, T & AT	75,413	46,878	26,300	5,011	591	1,011	1,905	1,181	1,485	2,850	3,000
Canister, 37mm, T & AT	5,208	4,103	1,853	79	0	0	79	0	271	275	250
Shell, HE, 40mm, AA	70,989	24,218	24,360	457	108	150	153	46	157	500	1,000
MEDIUM CALIBER											
Shell, HE, 75mm gun	22,976	7,559	10,808	1,797	327	473	596	141	471	532	1,100
Shot, AP, 75mm gun	23,546	22,996	7,131	1,365	336	227	506	294	703	750	750
Shell, smk., WP, 75mm gun (b)	1,532	476	154	260	34	0	88	67	0	0	0
Shell, HE, 75mm how.	15,268	8,469	7,527	2,043	0	641	505	570	796	603	604
Shell, smk., WP, 75mm how.	1,793	618	847	0	0	0	0	0	80	40	60
Shell, HE, 3", AA	1,662	1,662	1,998	1,019	147	226	404	37	104	188	110
Shell, HE, 3", T & AT	4,738	3,581	842	30	0	15	0	0	58	50	100
Shot, AP, 3", T & AT	13,465	6,830	2,314	0	0	0	0	0	85	200	300
Shell, HE, 90mm, AA	11,816	8,316	7,879	667	97	0	177	162	153	345	500
Shot, AP, 90mm, AA	675	675	253	0	0	0	0	0	0	0	10
Shell, HE, 105mm how.	32,792	26,261	11,036	2,851	463	810	752	280	699	1,102	1,208
Shell, smk., WP, 105mm how.	4,149	2,421	1,274	137	0	19	95	23	43	100	100
SEPARATE LOADING											
Shell, HE, 155mm gun (b)	1,403	1,376	360	141	46	55	20	0	51	66	50
Shot, AP, 155mm gun	280	263	237	1	0	0	0	1	9	14	27
Charge, prop., 155mm gun	1,813	1,668	572	499	103	132	175	56	95	100	75
Shell, HE, 155mm how. (b)	9,496	7,937	2,166	1,375	310	319	282	278	109	90	190
Shell, smk,WP,155mm how.(b)	782	385	109	10	0	10	0	0	60	0	0
Charge, prop., 155mm how.	10,453	10,453	2,768	2,144	779	646	298	181	372	491	450
MISCELLANEOUS											
Shell, HE, 60mm mortar	28,877	19,972	9,508	3,194	356	591	1,120	524	730	950	950
Shell, HE, 81mm mortar	7,769	7,273	4,723	1,557	263	402	465	298	735	550	530
Shell, smoke, WP, 81mm mortar	765	745	550	56	0	0	2	54	98	75	50
Grenade, hand, frag. & off.	12,911	12,839	2,992	270	212	0	0	0	250	600	870
Grenade, rifle, cal.30 & cal.50	3,707	3,707	3,364	539	0	80	280	120	219	520	770
Grenade, HC, smoke, Od & AC	6,629	6,582	1,648	34	0	(d)	34	0	81	90	90
Mine, antitank	6,026	5,096	2,491	679	49	125	203	300	648	300	300

Figures include procurement for International Aid and other services.
(a) Quantity accepted prior to January 1, 1942, has been excluded.
(b) Unfuzed.
(c) Unfilled.
(d) Less than 1,000.

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

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS OF SUPPLY

A selection of four items, whose prime material has been an actual or a prospective bottleneck in Quartermaster procurement activities, has been made with the purpose of presenting the actual and relative increase in acceptances during the first fifteen days of each of the last three months.

The four items selected are: Coats, wool, serge, and Shoes, service, from the clothing group, and Bar, mosquito, and Blanket, wool, from the equipage group. The following table lists these items.

PRODUCTION INCREASES

Item	Acceptances			Percent of increase		
	Mar 1-15	Apr 1-15 Thousands	May 1-15	Apr over Mar	May over Apr	May over Mar
Coats, wool, serge	197	230	1,527	17	564	675
Shoes, service	597	1,307	1,581	119	21	165
Bar, mosquito	59	104	160	76	54	171
Blanket, wool	93	350	467	276	33	402

The Coats, wool, serge; Blankets, wool, and Shoes, service, were selected because of the prospective shortage of prime materials of which the required quantities are not entirely produced in this country. Inasmuch as imports are decreasing rapidly due to the lack of shipping capacity, every effort is now being made to build up stocks of these items. Attention is called to the increase in deliveries of Bar, mosquito, in which great difficulty has been encountered in its production due to the lack of facilities.

MOTOR VEHICLES

Due to a drastic curtailment of necessary materials, deliveries of the motor vehicles shown in the table below declined sharply during the latest quarter-monthly report period.

Item	Deliveries	
	May 1-8	May 9-15
Ambulances	143	36
Trucks, 1/4-ton	4,817	3,266
Trucks, 1/2 & 3/4-ton	1,241	671
Trucks, 1-1/2-ton	2,815	1,211
Trucks, 2-1/2-ton	3,234	2,201
Trucks, 4 & 5-ton	312	292
Trucks, 6-ton & over	155	112
Semi-trailers	284	75
Trailers	1,817	1,697

TABULAR SUMMARY - STATUS OF SELECTED Q.M. ITEMS ON ARMY SUPPLY PROGRAM - MAY 15, 1942

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

Item	Authorized **	Under contract **	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 15	Feb	Mar	Apr	May 1-15	May	Jun	Jul
CLOTHING	Thous	Thous	Thous								
Belt, web, waist	8,786	8,786	6,545	3,197,600	590,000	825,000	539,000	418,600	528,400	862,500	925,000
Boots, rubber, knee	183	183	291	176,669	51,671	22,942	52,808	12,667	36,483	0	0
Coat, wool, serge	7,901	7,901	8,777	3,351,131	339,511	473,466	625,027	1,526,811	574,205	616,999	716,500
Drawers, cotton	34,205	33,424	17,592	8,876,631	1,763,311	1,323,338	2,041,992	1,452,189	2,173,875	2,956,320	3,558,180
Gloves, wool	10,413	9,611	7,938	2,386,528	501,948	582,047	484,859	318,976	295,598	397,060	958,020
Jacket, field	19,553	11,837	10,789	1,894,585	267,245	355,893	547,761	268,745	410,650	646,160	1,330,590
Jacket, HBT	13,056	11,476	6,216	2,809,236	457,690	492,009	819,593	432,197	1,094,380	1,466,000	1,377,800
Leggings, canvas, dsmtd.	18,817	13,849	11,430	1,932,363	330,812	490,507	489,626	269,027	1,772,889	2,457,800	2,670,000
*Liner, helmet, steel	7,887	7,887	7,381	52,010	0	0	2,010	50,000	1,141,436	708,000	764,500
Overcoat, wool, o.d.	4,488	4,488	4,616	1,642,306	268,975	312,303	558,510	161,638	301,041	384,607	140,200
*Raincoat, mtd. & dsmtd.	7,927	6,236	5,272	1,326,713	269,728	402,016	303,974	102,372	0	105,071	356,400
Shirt, cotton	21,161	16,610	7,321	6,734,541	1,328,128	1,397,464	2,166,708	882,837	1,467,441	1,904,852	800,000
Shirt, flannel	17,930	17,930	12,037	3,634,884	712,795	772,277	925,917	472,548	1,154,250	1,676,492	2,891,969
*Shoes, service	23,567	13,739	14,065	8,703,902	1,459,905	2,536,131	2,027,530	1,581,398	1,182,438	1,847,903	1,240,097
Socks, cotton	18,513	18,513	13,105	5,106,079	1,451,981	1,720,053	247,272	87,645	0	0	1,171,705
Suit, one-piece, HBT	6,464	6,464	2,603	1,605,088	246,084	363,687	525,844	159,332	0	839,992	704,800
Trousers, cotton, khaki	32,356	21,468	15,513	3,291,666	765,917	782,160	490,237	524,574	759,474	2,033,150	1,986,450
Trousers, HBT	11,176	11,176	4,943	3,204,730	547,685	767,009	870,185	462,255	906,018	1,330,000	1,346,250
Trousers, wool, o.d.	18,360	14,788	13,429	3,240,297	517,591	778,318	904,674	292,427	1,087,644	1,297,902	925,818
Undershirt, cotton	41,468	41,468	18,069	9,204,004	1,745,905	1,638,450	2,606,338	1,153,315	3,577,452	4,140,356	2,485,100
EQUIPAGE											
Bag, barrack	14,057	13,745	10,159	2,421,447	394,769	383,572	855,544	495,404	0	563,588	40,000
Bag, canvas, w., ster.	125	125	38	31,030	5,088	9,796	2,604	2,572	11,154	16,000	13,500
*Bar, mosquito	12,443	2,072	5,830	664,031	67,790	129,809	250,508	159,757	407,238	659,500	272,000
*Belt, cartridge, dsmtd.	4,192	4,192	1,884	589,575	94,850	133,520	219,290	73,160	1,059,340	468,000	403,000
*Belt, pistol	8,561	6,050	2,447	1,235,578	232,600	392,379	353,209	204,491	0	374,602	942,200
Blanket, wool, o.d.	23,144	14,015	11,844	3,473,271	673,359	729,805	769,459	467,145	1,291,433	716,960	732,700
*Can, meat	11,747	8,908	5,747	3,463,974	583,500	1,477,586	466,688	417,790	1,486,744	1,480,000	840,000
*Canteen, M-1910	11,495	5,885	4,835	1,502,045	295,875	360,375	234,200	232,470	784,050	300,000	850,000
*Carrier, pack	5,251	5,251	2,504	833,727	143,400	138,409	112,391	276,300	886,257	525,000	525,000
Comforter, cotton-filled	14,142	14,142	7,238	1,479,298	174,176	361,159	475,442	217,786	624,242	1,474,830	1,680,900
*Haversack	7,106	7,106	2,404	948,127	175,665	175,786	149,032	159,522	762,793	470,000	760,000
*Headnet, mosquito	5,329	1,407	1,641	648,291	20,903	187,035	312,594	124,169	0	70,004	200,000
*Pouche, first-aid	9,892	9,892	4,627	2,347,332	480,100	505,775	453,775	360,886	894,020	902,000	1,069,000
Roll, bedding, w. proofed	564	552	208	52,828	13,450	16,940	15,488	2,000	89,000	26,000	25,000
*Sling, carrying, mg.	115	115	183	35,166	1,750	0	0	20,200	12,885	19,000	0
*Suspender, belt	2,503	2,503	2,772	1,138,750	132,600	73,340	727,650	159,760	277,000	557,000	489,000
Tent, pyramidal	1,642	1,642	503	213,643	1,200	34,118	145,228	33,097	12,065	14,756	2,175
*Tent, shelter-half	14,036	12,949	5,704	831,026	124,541	207,660	225,098	133,655	1,068,080	1,388,567	1,591,463
GENERAL SUPPLIES											
Can, galvanized, 10 gal.	40	40	172	21,579	1,865	4,608	5,703	9,203	13,317	6,000	0
Can, galvanized, 32-gal.	57	57	436	15,452	0	5,931	7,325	2,196	23,539	0	0
*Container, water, 5-gal.	742	742	1,245	40,784	13,214	1,400	5,030	7,942	425,420	166,250	122,820
Lantern, gasoline	39	34	307	16,306	0	2,462	5,393	51	0	10,514	0
*Range, field	21	21	25	1,527	165	55	0	134	1,624	1,978	15,209
Scabbard, rifle	104	104	355	21,654	3,772	5,715	0	6,821	15,810	28,032	41,000
Stove, tent	482	482	580	408,010	77,795	163,921	67,992	26,100	72,150	100,000	100,000
MOTOR VEHICLES											
Ambulances	13	12	11	1,146	142	38	438	179	330	1,360	1,900
Passenger cars	11	10	6	10,405	5,359	4,540	64	0	complete		
Motorcycles	84	57	77	9,354	2,694	2,434	397	1,081	3,201	4,752	5,252
Trucks, ¼-ton	195	159	179	55,780	6,421	16,412	17,574	8,083	14,400	14,400	17,880
Trucks, ½ & 3/4-ton	94	84	79	22,730	5,103	7,015	3,907	1,912	3,600	5,445	5,740
Trucks, 1½-ton	76	68	74	21,538	3,170	5,367	6,191	4,026	4,000	4,030	5,090
Trucks, 2½-ton	233	164	217	39,256	5,601	8,550	12,081	5,435	12,181	14,836	17,118
Trucks, 4 & 5-ton	13	12	9	3,424	829	562	953	604	1,505	1,313	1,300
Trucks, 6-ton & over	8	7	3	1,113	212	144	293	267	75	500	496
Semi-trailers	8	5	8	1,340	107	149	556	359	674	285	234
Trailers	54	53	45	10,834	268	2,498	4,534	3,514	9,315	9,149	9,810

* Figures include procurement for International Aid and Navy.
** Quantity delivered prior to January 1, 1942 has been excluded.

Q. M. PROCUREMENT - PROGRESS TOWARD 1942 REQUIRED PRODUCTION - MAY 15, 1942

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

Item	Required production 1942	Delivered Jan 1 to May 15	Percent of 1942 required production %
CLOTHING			
Belt, web, waist	6,545,279	3,197,600	49
Boots, rubber, knee	291,321	176,669	61
Coat, wool, serge	8,777,489	3,351,131	38
Drawers, cotton	17,591,908	8,876,631	50
Gloves, wool	7,938,077	2,386,528	30
Jacket, field	10,788,840	1,894,585	18
Jacket, HBT	6,215,846	2,809,236	45
Leggings, canvas, dsmtd.	11,429,852	1,932,363	17
*Liner, helmet, steel	7,380,746	52,010	1
Overcoat, wool, o.d.	4,615,664	1,642,306	36
*Raincoat, mtd. & dsmtd.	5,271,949	1,326,713	25
Shirt, cotton, khaki	7,321,012	6,734,541	92
Shirt, flannel	12,036,908	3,634,884	30
*Shoes, service	14,064,752	8,703,902	62
Socks, cotton	13,105,044	5,106,079	39
Suit, one-piece, HBT	2,602,509	1,605,088	62
Trousers, cotton, khaki	15,513,484	3,291,666	21
Trousers, HBT	4,943,496	3,204,730	65
Trousers, wool, o.d.	13,429,384	3,240,297	24
Undershirt, cotton	18,068,538	9,204,004	51
EQUIPAGE			
Bag, barrack	10,158,854	2,421,447	24
Bag, canvas, water ster.	38,330	31,030	81
*Bar, mosquito	5,829,836	664,031	11
*Belt, cartridge, dsmtd.	1,884,136	589,575	31
*Belt, pistol	2,446,599	1,235,578	51
Blanket, wool, o.d.	11,843,671	3,473,271	29
*Can, meat	5,746,905	3,463,974	60
*Canteen, M-1910	4,835,434	1,502,045	31
*Carrier, pack	2,504,253	833,727	33
Comforter, cotton-filled	7,238,251	1,479,298	20
*Haversack, M-1928	2,404,262	948,127	39
*Headnet, mosquito	1,640,676	648,291	40
*Pouche, first aid	4,626,829	2,347,332	51
Roll, bedding, water proofed	208,117	52,828	25
*Sling, carrying, mg.	182,711	35,166	19
*Suspender, belt	2,772,103	1,138,750	41
Tent, pyramidal	502,501	213,643	43
*Tent, shelter-half	5,704,439	831,026	15
GENERAL SUPPLIES			
Can, galvanized, 10-gallon	172,224	21,579	13
Can, galvanized, 32-gallon	436,490	15,452	4
*Container, water, 5-gallon	1,244,776	40,784	3
Lantern, gasoline	307,325	16,306	5
*Range, field	24,857	1,527	6
Scabbard, rifle	354,851	21,654	6
Stove, tent	579,813	408,010	70
MOTOR VEHICLES			
Ambulances	11,337	1,146	10
Passenger cars	5,630	10,405	185
Motorcycles	77,064	9,354	12
Trucks, ¼-ton	179,049	55,780	31
Trucks, ½ & 3/4-ton	79,038	22,730	29
Trucks, 1½-ton	74,259	21,538	29
Trucks, 2½-ton	216,554	39,256	18
Trucks, 4 & 5-ton	8,775	3,424	39
Trucks, 6-ton	2,877	1,113	39
Semi-trailers	7,720	1,340	17
Trailers	44,529	10,834	24

*International Aid and/or Navy deliveries included.

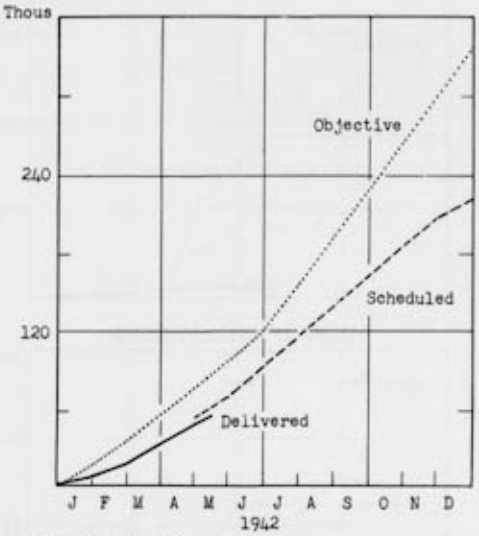
Q. M. PROCUREMENT - SELECTED ITEMS OF CLOTHING AND TRANSPORTATION - MAY 15, 1942

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

TRUCKS, 2½ TON

Deliveries of 2½-ton Trucks from January 1 through May 15, 1942 amounted to 53,338 vehicles or 16 percent of the 1942 objective of 337,040 vehicles. These deliveries were below the scheduled amount and equalled approximately 52 percent of the cumulative objective through May 15. As indicated by these figures and by the accompanying diagram, schedules and deliveries during the balance of the year will have to be increased substantially if 1942 requirements are to be met. The data cover all types of 2½-ton Trucks purchased by the Quartermaster Corps, including both standard and non-standard vehicles procured for International Aid, other Arms and Services and Army Transport.

Expansion of production facilities probably will be necessary if requirements for the 2½-ton Trucks are to be met. There appears to be particular need of increased capacity for the production of the critical items of axles and transmissions and to a lesser degree of velocity joints and of transfer cases. Some relief for this situation, however, may be obtained through the substitution of Trucks, 1½-ton for Trucks, 2½-ton, there being a surplus production capacity for the 1½-ton vehicle.

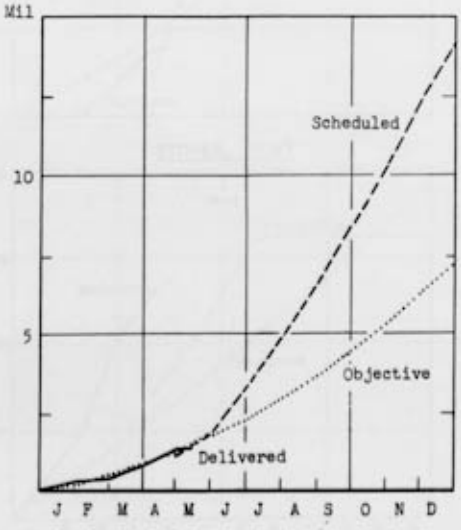


COMFORTERS, COTTON FILLED

Deliveries of Cotton Comforters from January 1 through May 15, 1942 amounted to 1,479,298 units, or 20 percent of the 1942 requirement. Deliveries during the first half of May were 44 percent of the monthly requirement of 493,200. If deliveries during the last half of May are at the same rate, only 88 percent of the monthly requirement will be met.

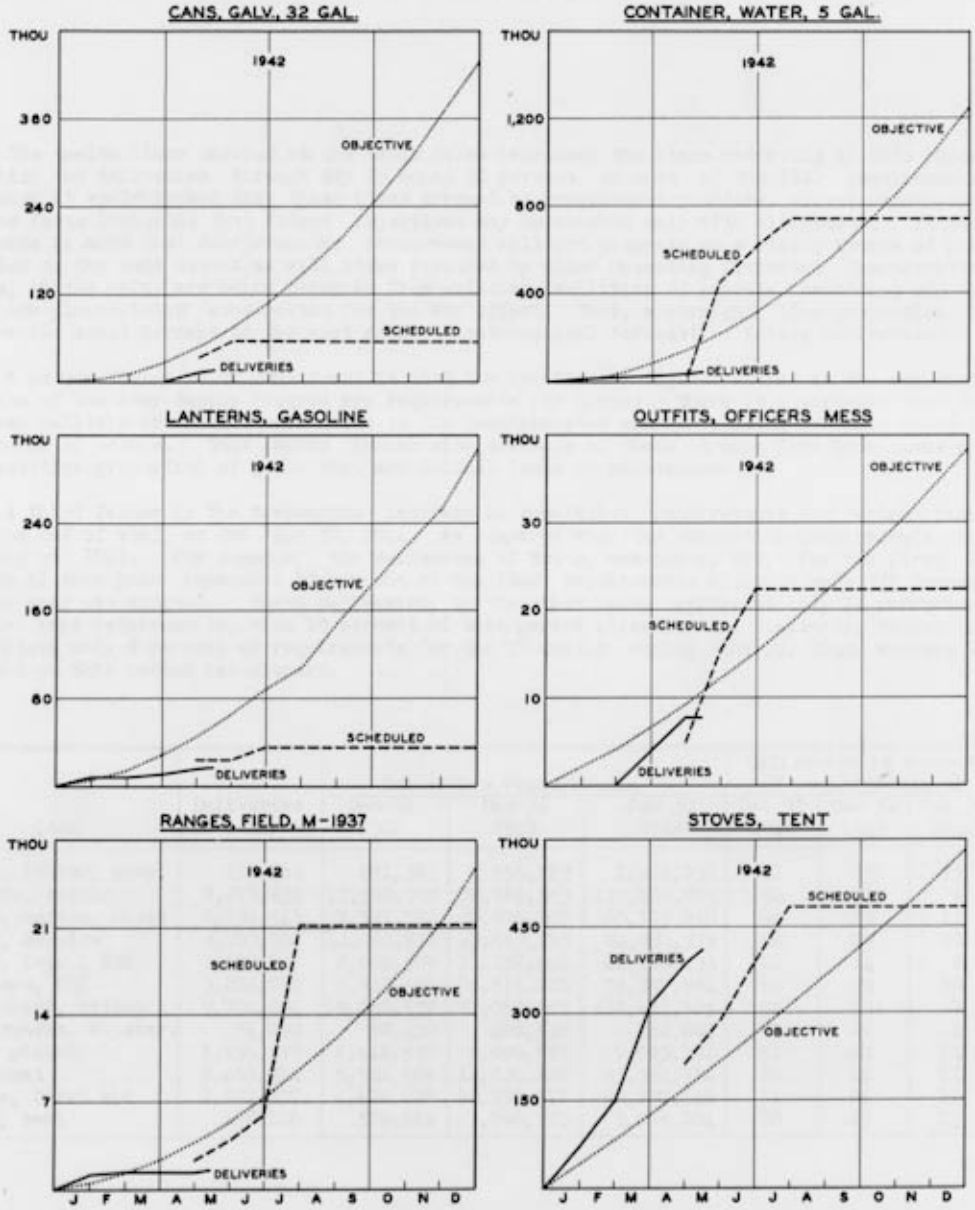
The average delivery figure for the first 4 months has been 315,378, whereas the requirement figure for May, 493,200, is 56 percent above this average. Monthly requirements are even larger during the remainder of the year, with the December requirement of 1,006,751 being 219 percent above the average delivery figure for the first 4 months. This increase in requirements is needed to meet increased issue of Cotton Comforters to troops in continental United States, and thus release woolen blankets for the use of task forces.

The amount scheduled for 1942 is approximately 95 percent above the requirement for the year because of new contracts awarded in the past month. Schedules are based on actual contracts awarded, whereas requirements are calculated from present estimates of the Requirements Division, S.O.S., of the quantities that will be needed in the field.



Q. M. PROCUREMENT - SELECTED ITEMS OF GENERAL SUPPLY - MAY 15, 1942

Source: Statistics Branch, Office of the Quartermaster General



Q. M. PROCUREMENT - DELIVERIES VERSUS FUTURE OBJECTIVES - MAY 15, 1942

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

The twelve items carried in the table below represent the items recurring in this report on which the deliveries through May 15 equal 50 percent or more of the 1942 requirements. Although it would appear that these items present no procurement problems, closer examination of the facts indicates that future objectives may be reached only with difficulty. It must be borne in mind that Quartermaster procurement will not progress on a rising curve of production to the same extent as will items procured by other Operating Divisions. Quartermaster items, in the main, are being procured from existing facilities of private industries and not from new plants being constructed for the War effort. Thus, a straight line projection of deliveries would perhaps be the most accurate mathematical forecast of future deliveries.

A second factor to be considered is that the requirement figures stated in the equipment section of the Army Supply Program are requirements for troops. There is a variable time lag between delivery of manufactured goods to the Quartermaster and the placing of these goods in the hands of troops. This factor varies with distance of these troops from home bases and the relative proportion of goods that are initial issue or maintenance.

A third factor is the tremendous increase in cumulative requirements for certain items for the end of 1943 or for June 30, 1944, as compared with the cumulative requirements for the end of 1942. For example, the deliveries of Suits, one-piece, HBT, for the first 4½ months of this year represent 62 percent of the 1942 requirements although only 37½ percent of the year has elapsed. These deliveries, on the other hand, represent only 14 percent of the two year requirements, with 19 percent of that period already past. Similarly, deliveries constitute only 8 percent of requirements for the 30 months ending June 30, 1944, whereas 15 percent of this period has elapsed.

Item	Deliveries Jan 1-May 15	Cumulative requirements			Deliveries as percent of requirements to		
		Dec 31 1942	Dec 31 1943	Jun 30 1944	Dec 31 1942	Dec 31 1943	Jun 30 1944
Boots, rubber, knee	176,669	291,321	756,283	1,412,731	61	23	13
Drawers, cotton	8,876,631	17,591,908	70,585,553	137,805,075	50	13	6
Shirt, cotton, khaki	6,734,541	7,321,012	29,906,007	60,793,248	92	23	11
Shoes, service	8,703,902	14,064,752	43,053,220	84,634,175	62	20	10
Suits, 1-pc., HBT	1,605,088	2,602,509	11,132,656	20,908,433	62	14	8
Trousers, HBT	3,204,730	4,943,496	16,551,281	33,397,864	65	19	10
Undershirt, cotton	9,204,004	18,068,538	71,062,183	138,281,705	51	13	7
Bag, canvas, w. ster.	31,030	38,330	106,536	212,669	81	29	15
Belt, pistol	1,235,578	2,446,599	5,096,891	5,093,792	51	24	14
Can, meat	3,463,974	5,746,905	14,030,287	25,358,584	60	25	14
Pouche, first aid	2,347,332	4,626,829	10,930,917	20,230,549	51	21	12
Stove, tent	408,010	579,813	1,796,370	3,085,204	70	23	13

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - MAY 28, 1942

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

SHORTAGES OF RAW MATERIALS - Two vital raw materials required for the manufacture of communications equipment are copper and rubber. A critical shortage of both of these exists at present.

The Army and Navy Munitions Board sharply reduced the allocation of copper to the communications industry by 60% during the month of May. This decrease in the availability of copper for Signal equipment resulted in complaints from manufacturers whose production has been delayed by the shortage of this metal. Following a conference between the Army and Navy Munitions Board and the Office of the Chief Signal Officer this shortage was alleviated through the securing of copper from the Reserve Pool.

Copper allocations for tanks and aircraft have been higher than for communications equipment. Since Signal equipment is of vital importance to the operation of both tanks and aircraft, steps were initiated to secure a more equitable allocation of copper for the month of June if requirements are to be met. The Army and Navy Munitions Board has, therefore, agreed to give a 90% allocation of copper to the manufacturers of communications equipment during the month of June.

Large amounts of rubber are used by the Signal Corps for wire insulating, cushioning and other purposes. The Development Laboratory at Fort Monmouth for some time past has been investigating satisfactory substitutes for rubber used in the manufacture of field telephone wire. A general specification has been prepared by the Laboratory to cover the partial or complete substitution of synthetic rubbers or thermoplastic materials for the natural crude rubber used in telephone wire insulation. In the meantime, steps have been taken to conserve the rubber used in field wire and recommendations have been made that Wire W-110-B be limited to 18 pounds per mile.

RADIO SET SCR-284 - The serious lag in production of this important set continues and to date none have been accepted. Required production by the end of May is 1100 units. Several sample models are on test at the Signal Corps Laboratories but none of these meet the required specifications due to faulty workmanship and materials. The manufacturer is reported as having in storage complete parts for more than 600 sets but no estimate is obtainable as to when a sample model may be accepted and production started.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM.- MAY 22, 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-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
AIRCRAFT RADIO COMM. EQUIP.											
Frequency Meter SCR-211	74,347	74,343	31,810	4,690	369	848	2,328	926	2,000	3,000	3,500
Interphone Equipment											
RC-27	36,073	34,473	24,665	3,577	850	100	1,256	1,071	750	842	950
RC-34	3,840	3,840	26,818	0	0	0	0	0	300	300	300
RC-36	69,981	69,981		2,970	881	0	1,608	481	800	981	2,050
RC-45	5,183	5,183	3,252	250	0	0	213	37	0	150	191
RC-51	293	293	1,956	187	12	0	175	0	150	50	81
RC-73	21,136	21,136	14,334	0	0	0	0	0	0	0	400
Command Radio											
SCR-183	40,287	18,662	25,445	4,345	740	482	2,153	887	1,600	2,000	2,500
SCR-274	120,289	72,736	62,091	6,928	2,846	1,050	1,738	1,282	2,000	3,000	3,500
SCR-283	8,522	8,522	8,940	1,954	94	481	415	408	800	800	800
SCR-522	66,459	37,094	34,581	950	0	0	501	449	1,600	2,500	3,200
Liaison Radio											
SCR-187	4,123	4,123	3,135	358	110	1	121	29	150	400	400
SCR-287	63,582	39,895	23,094	2,764	256	744	1,054	674	500	800	800
Sea Rescue Radio											
SCR-578	81,784	40,910	32,130	0	0	0	0	0	500	1,000	3,000
AIRCRAFT RADIO NAV. EQUIP.											
Contactor Equipment RC-96	59,698	30,609	30,907	11,762	1,112	1,712	5,465	2,084	2,500	2,500	2,500
Filter Equipment RC-32	271,103	138,686	115,368	24,517	6,040	4,100	11,877	800	5,000	5,000	10,000
Localizer Receiver RC-103	35,560	30,000	16,541	Production starts in August 1942							
Marker Beacon Equipment											
RC-39	4,579	4,479	2,903	712	58	227	331	0	300	400	400
RC-43	67,338	63,790	24,445	16,727	1,386	2,272	7,026	5,165	3,000	3,000	3,000
Radio Compass SCR-269	74,254	45,102	27,485	5,582	1,784	1,408	455	1,494	2,100	2,883	2,500
Absolute Altimeter											
SCR-518	25,342	7,995	11,933	0	0	0	0	0	0	0	75
SCR-618	15,000	15,000		0	0	0	0	0			
AIR-BORNE RADIO DETECTION AND RECOGNITION EQUIPMENT											
SCR-515 US-IFF	40,071	19,681	68,631	152	2	71	7	57	100	500	1,000
SCR-521 US-ASV,MK II	33,186	7,249	17,393	550	30	4	293	188	550	550	650
SCR-520 AI 10	2,471	2,465	340	0	0	0	0	0	10	30	60
SCR-540 BR.-AI,MK IV	586	586		5	0	0	5	0	15	30	35
SCR-535 BR.-IFF, MK II	117,249	16,710		2,013	126	184	768	935	4,000	4,000	4,000
SCR-595 US-IFF, MK III	18,500	18,500	70,856	0	0	0	0	0	500	2,500	2,500
SCR-695 US-IFF, MK III-G	18,000	18,000		0	0	0	0	0	0	0	500
ACCESSORY EQUIPMENT-GROUND											
Charging Set SCR-189	3,466	3,466	2,525	0	0	0	0	0	0	10	100
Chest BC-5	32,959	32,959	12,153	1,394	1	0	181	229	100	300	500
Frequency Meter SCR-211	6,065	6,065	6,705	943	116	246	356	0	See Aircraft Set		
Loudspeaker LS-3	26,506	26,506	16,688	40	0	0	40	0	0	0	3,000
Maintenance Equip. ME-13	1,014	1,014	1,014	Recently standardized and contracted.							
Power Unit PE-75	2,304	2,073	1,275	40	0	0	0	40	0	100	200
(Radio) Receiver BC-342	1,188	1,188	25	730	0	15	299	156	300	313	0
Test Set I-56	4,992	4,492	8,268	598	188	126	23	0	100	500	500

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM.- MAY 22, 1942

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

Item	Authorized*	Under contracts	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
GROUND RADIO COMMUNICATION-											
RADIO SETS											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,305	1,305	1,434	452	140	98	2	0	0	70	170
SCR-178 (a)	1,812	1,812	2,447	420	2	74	344	0	300	300	116
SCR-188	2,652	2,652	2,407	27	27	0	0	0	0	100	300
SCR-197	160	160	1,766	51	0	0	0	0	51	58	0
SCR-299	1,817	1,817		146	0	0	104	42	200	200	200
Intra-Regiment Communication											
SCR-284	17,681	17,681	17,912	0	0	0	0	0	0	700	1,500
SCR-288	1,539	1,539		609	50	54	189	277	600	646	0
SCR-543	1,581	1,581	2,127	0	0	0	0	0	250	250	250
Radio Intelligence, S. C.											
SCR-206	313	301	338	128	36	28	26	2	1	0	50
SCR-243	104	104	98	22	0	0	22	0	25	8	0
SCR-244	372	372	360	0	0	0	0	0	60	60	100
SCR-255 (a)	148	148	152	44	0	10	24	4	25	28	0
Short Range Portable											
SCR-194 (a)	6,897	6,890	0	4,280	2,201	118	820	20	0	100	300
SCR-195	2,514	1,514	1,999	1,324	404	72	124	0	500	500	190
SCR-509	1,582	1,582	596	1,582	0	125	1,315	142	368	0	0
SCR-536	13,433	13,433	14,310	4,824	820	173	507	1,680	500	1,500	2,000
SCR-609	897	897	856	0	0	0	0	0	100	300	330
Animal Pack, Cavalry Field Artillery											
SCR-179	126	126	120	0	0	0	0	0	0	0	6
SCR-203	96	96	0	75	3	0	0	0	0	0	0
Short Range Vehicular Field Artillery											
SCR-608	10,053	10,053	6,197	0	0	0	0	0	280	417	367
SCR-610	24,288	24,288	19,248	0	0	0	0	0	0	150	5,000
SCR-628	2,374	2,374	2,067	0	0	0	0	0	0	166	366
Cavalry, Lightweight											
SCR-511	4,416	4,416	3,869	0	0	0	0	0	400	1,000	1,000
Vehicular and Tank-Armored Force											
SCR-193 AM Type	6,562	6,562	600	76	0	0	0	0	0	300	300
SCR-245 AM Type	6,592	6,592	2,013	951	427	270	127	0	300	600	600
SCR-293 FM Type	872	872	20,815	432	106	151	61	60	200	200	61
SCR-508 FM Type III	16,433	13,433		717	13	0	578	120	787	617	1,333
SCR-294 FM Type	786	786	21,202	445	171	0	72	149	100	100	100
SCR-538 FM Type III	67,773	48,617		1,000	23	312	642	0	2,187	4,033	2,267
SCR-506 AM Type II	13,500	13,500	10,749	0	0	0	0	0	0	0	50
SCR-510 FM Type IV (a)	6,254	6,254	7,172	2,066	0	917	1,000	149	1,500	1,000	1,000
SCR-528 FM Type III	30,504	24,533	22,522	1,594	53	339	931	231	807	1,233	2,667
GROUND-AIR NAVIGATIONAL AID											
Control Net System SCS-2 (a)	20	20	20	1	0	0	0	1	2	4	9
Control Net System SCS-3	120	120	104	0	0	0	0	0	0	2	5
Homing Device SCR-277	145	145	98	Production starts in October, 1942.							
Instrument Landing System SCS-51	713	0	657	Development of all components not yet completed.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.
(a) Acceptances to date include quantities delivered less minor components.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM.- MAY 22, 1942

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

Item	Authorized*	Under contract*	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
GROUND RADIO DETECTION EQUIPMENT											
Aircraft Warning											
SCR-268	1,754	1,752	2,100	171	16	50	46	7	68	95	110
SCR-270	435	435	551	42	2	14	17	8	8	17	31
SCR-271	108	58	355	18	0	5	5	8	4	5	5
Antiaircraft											
SCR-545	273	273	593	New development; production starts in 1943.							
GCI Equipment											
SCR-527	466	400	261	Production starts in November 1942.							
Gun Laying, Fixed Station											
SCR-296	176	175	218	1	0	0	1	0	0	18	28
Identification											
SCR-532	1,010	10	1,147	10	0	10	0	0	0	0	0
SCR-533	2,025	881	5,911	11	0	9	0	0	20	45	60
Range Finder											
SCR-547	812	812	812	0	0	0	0	0	0	0	5
Searchlight Control											
SCR-541	1,006	1,006	1,739	New development; production starts in 1943.							
WIRE COMMUNICATION EQUIP.											
Reel Cart RL-16	8,400	8,400	402	35	0	0	0	35	0	200	500
Reel Equipment CE-11	35,669	35,669	26,777	15,944	0	0	12,451	3,493	5,000	5,000	5,000
Reel Unit RL-26-A	1,503	1,503	274	1,169	16	950	80	123	200	500	552
Reel Unit RL-31	9,114	9,114	11,685	870	64	187	0	0	2,000	2,000	2,444
Switchboard											
BD-71	3,514	3,514	2,327	474	130	0	0	192	100	200	200
BD-72	4,730	4,730	6,470	1,339	177	126	0	113	100	100	200
BD-74-H	94	94	112	35	10	0	0	0	0	0	0
Telegraph Central Office											
Set TC-3	458	458	374	0	0	0	0	0	5	10	20
Telegraph Printer EE-97	1,744	792	2,564	72	0	0	0	72	200	200	500
Telegraph Set TG-5	12,441	12,441	9,013	3,173	282	1,134	526	1,122	500	500	1,000
Telephone EE-8-A	199,557	199,557	135,126	31,254	852	200	1,810	3,196	5,000	10,000	25,000
Telephone Central Office											
Set TC-1	111	106	103	61	51	0	10	0	5	10	10
Set TC-2	198	198	150	50	23	13	0	0	10	20	20
Set TC-4	575	575	1,378	0	0	0	0	0	0	10	20
Test Set EE-65	6,082	6,064	3,371	902	86	0	0	0	100	200	500
Wire W-110 (Thous.miles)	926	901	366	236	53	17	66	76	50	50	85
Wire W-130 (miles)	100,399	100,399	60,218	20,261	4,522	1,818	7,151	5,205	5,000	10,000	20,000
MISCELLANEOUS SIGNAL EQUIP.											
Converter M-209	51,929	51,929	48,513	0	0	0	0	0	0	100	500
Flash Ranging Set GR-4	24	24	31	0	0	0	0	0	5	5	4
Photographic Set PH-261	101	50	51	Recently placed under procurement.							
Signal Lamp Equip. EE-84	1,735	1,735	1,361	485	63	118	0	128	100	200	400
Sound Ranging Set GR-3	86	86	78	20	0	6	5	9	5	5	5
Theodolite ML-47	622	383	46	11	0	0	11	0	25	25	25
Time Interval Apparatus											
EE-85	155	155	127	0	0	0	0	0	0	25	25
EE-86	12	12	112	0	0	0	0	0	6	6	0

* Quantity delivered prior to January 1, 1942, has been excluded.
Figures include procurement for International Aid and other Services.

TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 20, 1942

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

GENERAL

The procurement objective of the Corps of Engineers consists of 3 major parts. They are:

1. Troop Equipment
2. Theater of Operations
3. International Aid and Others

The first group includes equipment for troops as authorized in the Tables of Basic Allowances. Under the second classification equipment for Theater of Operation activities is included. The last group is composed of equipment for International Aid and all other equipment not included in the first and second groups.

During the period from May 13-20 deliveries were received on 14 of the 29 selected items shown on the tabular summaries on pages 22 and 23. There were deliveries on 11 items for Troop Equipment. Three items had deliveries for Theater of Operations. International Aid and others had acceptances on 2 items. Many of the selected items appear under more than one of the three classifications.

For Troop Equipment needs, deliveries of 32 Graders, Road, Motorized were reported for the period May 13 to 20. No previous May deliveries were reported. This brings the total cumulative 1942 deliveries to 45 against a production schedule of 63.

There were deliveries on 80 Stereocomparagraph Equipment Sets for the period May 13-20. Deliveries now total 95 leaving 35 yet to be delivered out of the original 130 scheduled for April delivery.

CONTRACT STATUS

COMPRESSOR, AIR, MOTORIZED: This item is behind schedule. For International Aid requirements, there are no May deliveries against 70 scheduled. Specifications on this unit were changed March 7. Certain items such as drop forgings for rods, cam shafts and crankshaft gears required higher priority ratings than those originally issued. These higher ratings were obtained March 28. Delay in delivery of tool steel necessitated request for A-1-a rating. This higher rating was obtained and forwarded May 9.

TRACTOR, MEDIUM, WITH ANGLEDOZER: This item is on schedule for Theater of Operation requirements but is 64 behind the production scheduled for 1942 to date on Troop Equipment requirements. May acceptances are 31. For Troop Equipment 70 are scheduled for May delivery. Original delay due to inability of contractor to obtain steel. This item was placed on allocation list by Office, Chief of Engineers.

TRAILER, FOR MEDIUM TRACTOR: For total 1942 requirements to date there are 254 behind schedule. Deliveries of 24 were made in 1942 against 28 scheduled for 1942 International Aid needs. No deliveries were made against existing Troop Equipment and Theater of Operation requirements. On a contract for 4, deliveries are expected in June after delay in obtaining axles. Deliveries on an order for 920 are contingent upon receipt of material. Deliveries on these materials are expected to begin May 29.

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS - MAY 20, 1942

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

Item		Authorized	Under contract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1-May 20	Feb	Mar	Apr	May 1-20	May	Jun	Jul
Auger, earth motorized	A	33	33	82	24	7	8	0	4	(a)	(a)	(a)
	C	14	8	0	6	0	0	0	0	0	0	0
Boat, power, with trailer	A	277	149	143	59	0	19	40	0	19	10	5
	B	70	70	(d)	18	0	0	4	14	10	20	20
	C	100	100	100	0	0	0	0	0	0	0	25
Bridge, steel, portable, H-10	A	38	38	27	20	6	0	2	0	(b)	(b)	(b)
	B	32	32	(d)	0	0	0	0	0	0	0	0
	C	3	3	15	3	0	0	0	0	0	0	0
Bridge, steel, portable, H-20	A	58	58	0	47	10	12	10	11	(b)	(b)	(b)
	B	16	16	0	0	0	0	0	0	(b)	(b)	(b)
Bridge, steel, treadway	A	19	19	17	2	0	0	0	2	2	10	4
	C	5	0	5	2	0	0	0	0	(b)	(b)	(b)
Compass, lensatic, w/case(thous)	A	113	113	53	50	12	17	5	15	15	15	15
	C	12	12	0	0	0	0	0	0	0	0	0
Compressor, air, motorized	A	1,193	688	529	1	0	1	0	0	0	60	150
	B	200	200	(d)	0	0	0	0	0	70e	80	0
	C	149	149	149	49	0	0	49	0	0	0	0
Crane, truck mounted	A	143	69	75	49	11	4	5	18	43	0	0
	B	128	125	(d)	0	0	0	0	0	0	25	25
	C	106	56	9	6	0	0	0	0	0	0	0
Electric lighting equip., 3 kva	A	1,763	900	1,014	289	20	0	100	169	56	120	120
	B	50	50	0	50	0	50	0	0	0	0	0
	C	5	5	0	5	0	0	0	5	0	0	0
Electric lighting equip., 5 kw	A	917	417	251	109	49	0	0	0	0	0	0
	B	1,394	1,394	(d)	325	0	105	110	110	160	220	229
	C	232	232	100	232	135	0	0	58	46	0	0
Explosive, ammonium nitrate (tons)	A	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	B	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	C	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Explosive, TNT	A	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	B	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	C	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Grader, road, motorized	A	196	113	103	45	0	0	13	32	20	20	12
Mixer, concrete	A	168	168	172	0	0	0	0	0	20	60	60
	B	55	55	(d)	15	15	0	0	0	40	0	0
	C	42	42	0	0	0	0	0	0	42	0	0

A - Troop Equipment
B - Theater of Operations
C - International Aid and Others

(a) Schedule of trucks unavailable
(b) Contingent upon receipt of material
(c) Information unavailable
(d) Program developed as needed
(e) 50 scheduled for April not delivered

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS - MAY 20, 1942

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

Item		Authorized	Under contract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1-May 20	Feb	Mar	Apr	May 1-20	May	Jun	Jul
Ponton bridge, 10-ton	A	32	32	37	0	0	0	0	0	(a)	(a)	(a)
	B	5	5	(b)	0	0	0	0	0	(a)	(a)	(a)
	C	22	22	12	9	3	2	1	0	(a)	(a)	(a)
Ponton bridge, 25-ton	A	50½	50½	57½	18	4	3	2	6	(a)	(a)	(a)
Searchlight, 24", beach defense	A	126	126	174	88	6	11	44	27	0	0	0
	B	138	0	(b)	0	0	0	0	0	0	0	0
Searchlight, AA, 60" mobile	A	8,601c	7,730	1,424c	485	112	84	88	61	146	160	75
	C	4,792	4,792	2,244	2	0	0	0	2	0	0	0
Shovel, gasoline, 1/2-yd	A	185	179	136	63	21	13	13	8	12	12	12
	B	70	70	(b)	10	0	2	3	2	0	20	20
	C	322	322	0	1	0	0	0	1	14	10	10
Stereocomparagraph equipment	A	138	138	51	95	0	0	0	95	0	0	0
Stereoscope, mirror, w/bin.	A	4,261	3,032	2,474	633	209	36	27	50	75	225	71
	C	284	437	0	0	0	0	0	0	0	0	150
Trailer, light tractor	A	200	200	165	112	0	0	6	0	0	40	48
Tractor, medium, w/angledozer	A	634	634	653	31	0	0	0	31	70	80	54
	B	365	365	(b)	65	0	30	14	0	0	0	240
	C	0	0	315	0	0	0	0	0	0	0	0
Trailer, medium tractor	A	777	777	724	0	0	0	0	0	107	200	200
	B	65	65	(b)	0	0	0	0	0	65	0	0
	C	778	106	0	24	8	0	0	0	78	0	0
Trailer, triangulation tower	A	71	71	47	0	0	0	0	0	0	8	39
Transit, Engineers, 1-minute	A	971	971	806	221	0	45	0	110	50	100	100
	C	430	430	0	30	30	0	0	0	0	0	0
Transit, Engineers, 20-second	A	539	539	421	472	0	50	250	72	59	0	0
	C	213	213	0	0	0	0	0	0	0	60	12
Triangulation tower, port.	A	36	36	24	20	0	0	10	0	10	16	0
Water puri. unit, mobile	A	66	66	42	18	0	0	18	0	12	12	12
	B	140	140	(b)	20	0	2	18	0	28	20	20
	C	0	0	20	0	0	0	0	0	0	0	0
Water supply equipment, Engineer	A	530	213	138	18	0	0	0	0	0	0	0
	B	1,130	1,130	(b)	230	50	50	66	0	190	150	150
	C	100	100	0	0	0	0	0	0	0	0	0
Welding and cutting set	A	350	323	203	208	0	0	86	122	240	100	0
	B	50	50	(b)	50	0	0	50	0	50d	0	0
	C	106	106	0	106	0	4	102	0	0	0	0

A - Troop Equipment
B - Theater of Operations
C - International Aid and Others

(a) Contingent upon receipt of material
(b) Program developed as needed
(c) Includes 293 for Seacoast Defense
(d) Scheduled for May, delivered in April

TEXT SUMMARY - CONSTRUCTION PROGRESS - MAY 15, 1942

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

As of May 15, 1942, the war construction program provided for 1,570 projects at an estimated completion cost of 6,706 million dollars. These projects are located at 864 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:

	Number of projects	Percent of total projects
Completed and ready for use	717	45
Ahead of schedule	153	10
On schedule	293	19
Behind schedule	172	11
Not started	235	15
TOTAL	1,570	100

The value of completed and ready for use projects is 2,697 million dollars, 40 percent of the total cost of the program. However, construction in place is valued at 3,625 million dollars, or 54 percent of total cost. This is less than one percent behind the value of construction scheduled to be in place by May 15th.

Total troop housing, when completed, will provide facilities for 3,590,039 men. There are facilities for 2,136,047 men to date. Of 106 Camps and Cantonments, 67 (63 percent) are completed and ready for use; housing facilities in these completed jobs are available for 1,235,498 officers and enlisted men.

AIR CORPS -- As of May 15, Air Corps construction program in Continental U. S. provided for 540 projects at 289 different locations. The estimated cost of these projects is 1,807 million dollars, of which projects costing 429 million dollars have already been completed and are ready for use. The value of construction in place, however, is 683 million dollars, or 38 percent of the total cost.

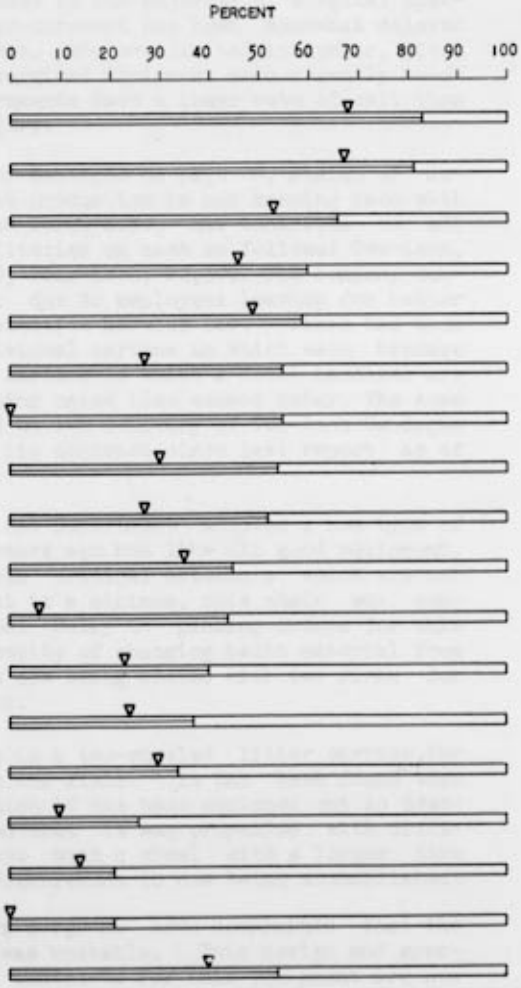
The following table indicates the current construction status of the Air Corps program.

	Number of Projects			Percent
	Tactical Units	Non-Tactical Units	Total	
Completed & ready for use	76	79	155	29
Ahead of schedule	20	29	49	9
On schedule	40	96	136	25
Behind schedule	31	40	71	13
Not started	50	79	129	24
TOTAL	217	323	540	100

CORPS OF ENGINEERS - WAR CONSTRUCTION PROGRESS - MAY 15, 1942

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

Type	Estimated Cost (Millions)
O'Seas D'chge & Repl. Dep.	$ 5
Other Troop Facilities	461
Camps and Cantonments	1,309
Misc. Ordnance Facilities	88
Ordnance Mfg. Plants	1,974
Storage Depots	189
Staging Areas	71
Ports of Embarkation	49
Chemical Warfare Plants	152
Ordnance Amm. Stor. Dep.	308
Miscellaneous	59
Air Corps Tactical Units	440
Air Corps Non-Tactical Units	1,368
General Hospitals	83
Ammunition Loading Piers	21
Holding & Recons. Points	121
Ammunition Back-up Areas	8
TOTAL	$ 6,706



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

Corps of Engineers
25

Statistical Service
SOS - 5-28-42

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

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

SURGICAL INSTRUMENTS: The Surgical Instruments listed on page 27, Status of Selected Critical Items, are principally of the specialist type and are not required in such great quantities and as universally as the more common instruments used in the majority of surgical operations. For this reason their procurement has been somewhat delayed and the surgical instrument makers, who are limited in number, given an opportunity to produce the surgical equipment more urgently needed. In other words, these instruments have a lower rate of call than instruments used in general surgery.

GAUZE BANDAGES: The Gauze Roller Bandages on page 28, Status of Selected Essential Items, show that production is not keeping pace with schedules. The Marsales Co., New York, N.Y., has contracts on all three sizes and is behind in deliveries on each as follows: Two-inch, 47,500 dozen; Three-inch, 30,000; Four-inch, 22,500. The company complains of a high labor turnover due to employees leaving for better wages, and operation of the Selective Service Law. There has been difficulty in obtaining the individual cartons in which each bandage is sealed as well as the larger cartons in which a dozen bandages are packed. Scarcity of wooden packing cases also caused delay. The Acme Cotton Products Co., also behind on its delivery of Two-inch Bandages is understood to have completed its contract since last report as of May 8, 1942.

CHAIR, DENTAL, FIELD: The Medical Department adopted a new type of Field Dental Chair about three years ago but like all good equipment, specifications called for certain critical materials which are not now obtainable. To reduce weight to a minimum, this chair was constructed principally of aluminum. Delay in placing orders for this item has been caused by the necessity of changing basic material from aluminum to steel. Contracts are now being placed with two firms for the manufacture of this equipment.

CARRIER, FIELD, COLLAPSIBLE: This is a two-wheeled litter carrier for use in transporting patients in the field. It has been found that a bicycle type of wheel with which it has been equipped cut so deeply into soft ground when loaded that it was propelled with difficulty. Experiments have been made with a wheel with a larger tire such as is used on motorcycles. Procurement is now being accomplished.

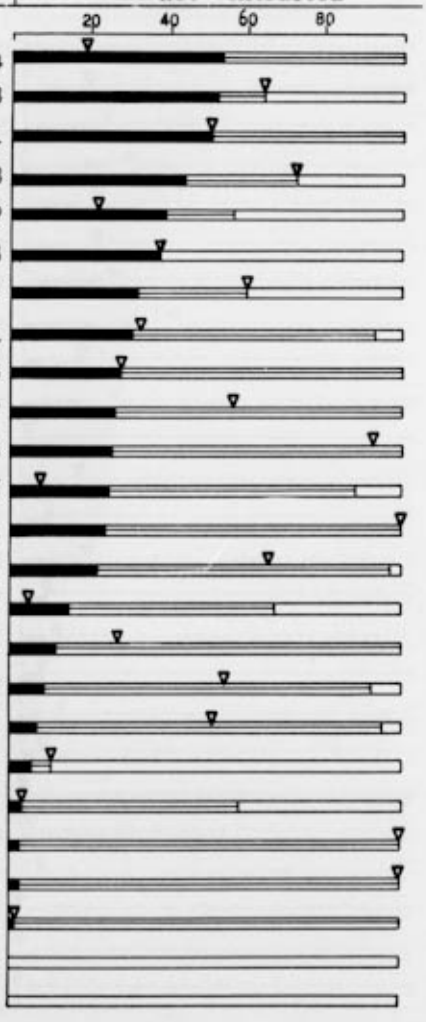
TABLE, OPERATING, FIELD: Operating surgeons have complained that the present type of operating table was unstable. This design and specifications have been changed and contracts for this equipment are now being placed.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ended May 21, the percentage of sick within the continental limits of the United States was 3.02. There were 2.84 percent in hospital and .18 percent in quarters.

MEDICAL DEPARTMENT - STATUS OF SELECTED CRITICAL ITEMS - MAY 8, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	Required 1942 production*	Percent required production			
		con	due	del	Delivered; ▽ Due; Contracted, undelivered; Not contracted
Forceps, vulsellum, tumor	522	100	19	54	
Scissors, iris, full-curved	1,832	64	64	53	
Gag, mouth, Jennings, adult's	392	100	51	51	
Knife, cataract, Graefe, # 2	1,727	73	73	43	
Forceps, tissue, Allis	15,234	57	22	39	
Forceps, ear, bayonet	7,008	38	38	38	
Curette, ear	1,555	60	60	32	
Casette, changer, stereo.	436	93	33	31	
Forceps, bullet	774	100	28	28	
Forceps, bone-cutting, str.	4,230	100	57	27	
Forceps, mastoid, rong., Bane	7,546	100	93	26	
Forceps, screw holding	1,815	89	8	25	
Scissors, 1 point sharp, 4½"	7,771	100	100	24	
Forceps, bone,rong.,cranial,H.	4,300	97	67	22	
X-ray, field, processing unit	1,151	68	4	15	
Forceps, cilia	2,451	100	28	12	
Forceps, dressing, 10"	11,729	93	55	9	
Needle, eye, size 2, 3/8-cir.	7,904	96	52	7	
Machine, radiographic, 100ma	65	11	11	6	
X-ray, field unit,tent,dkrm.	690	59	3	3	
Forceps, cysto., rongeur, 7-F	343	100	100	2	
Forceps, cysto., f. body, 7-F	154	100	100	2	
Scissors, surgical, Dean, # 9	5,393	100	1	1	
Curette, mastoid, Richard,# 5	344	0	0	0	
Retractor, brain	342	0	0	0	



*International Aid and Navy figures not included.

Statistical Service
SOS - 5-28-42

MEDICAL DEPARTMENT - STATUS OF SELECTED ESSENTIAL ITEMS - MAY 8, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	Required 1942 production*	Percent required production			
		con	due	del	Delivered; Due; Contracted, undelivered; Not contracted (20 40 60 80)
Kit, first aid, M.V.,24-unit	45,698	92	64	30	
Cotton, absorbent, roll	1,722,529	100	17	22	
Perimeter	783	100	22	20	
Bandage, gauze, roller, 2"	1,404,729	77	28	20	
Robe, bath**	699,744	29	19	20	
Microscope	4,148	51	19	19	
Gauze, plain, sterilized	420,384	95	23	18	
Syringe, hypodermic, complete	2,541	98	39	18	
Chair, operating	4,974	16	16	15	
Bandage, gauze, comp., 2x2"	421,378	100	24	15	
Incubator, bact'logical, $37\frac{1}{2}$°C	1,281	21	2	9	
Unit, power, electric	1,370	100	15	9	
Sheet**	6,927,119	8	8	8	
Kit, first aid, M.V.,12-unit	463,012	63	17	8	
Pajama, coat, summer**	1,556,988	7	7	7	
Bandage, gauze, roller, 3"	924,904	57	10	7	
Kit, first aid, aeronautic	19,812	6	6	6	
Cylinder, N20, 250 gal.,empty	19,038	100	11	5	
Bandage, gauze, roller, 4"	858,190	35	6	4	
Cylinder, O_2, 1500 gal.,empty	8,362	100	0.5	0.5	
Table, operating	3,477	52	3	0	
Pajama, trousers, summer**	1,721,196	6	6	0	
Table, operating, folding	2,015	0	0	0	
Carrier, field, collapsible	1,380	0	0	0	
Chair, dental, field	5,356	0	0	0	

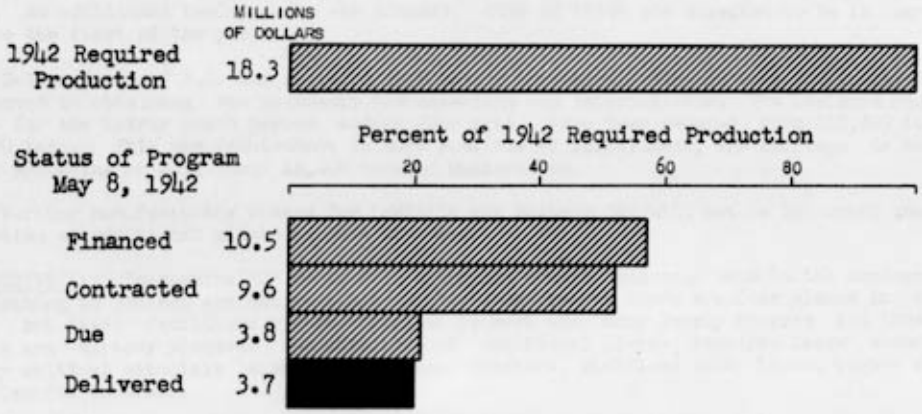
*International Aid and Navy figures not included.

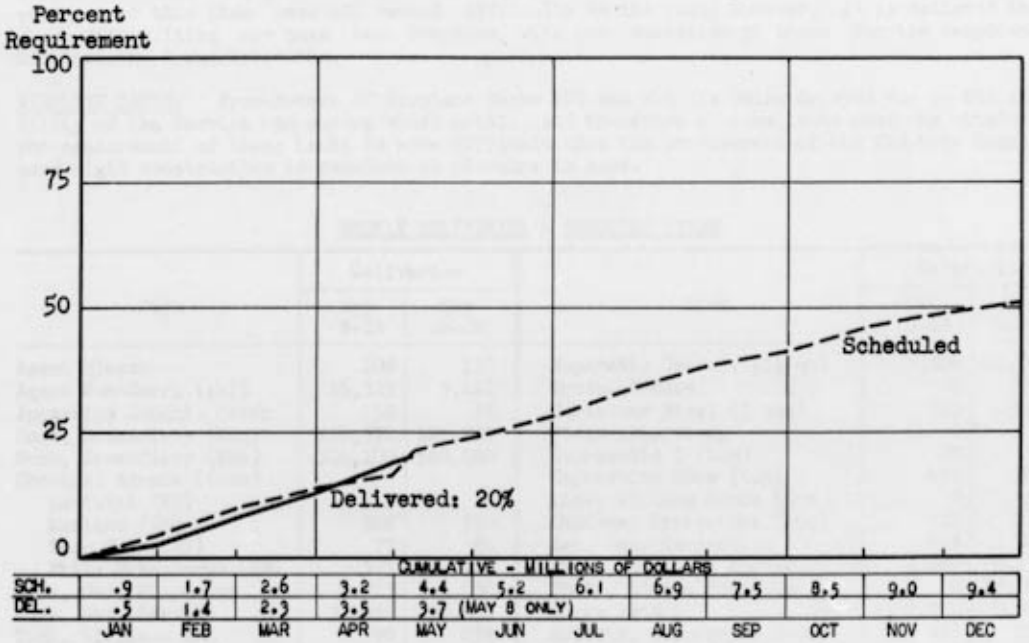
**Procured by Quartermaster

MEDICAL DEPARTMENT - CRITICAL ITEMS - INDEX OF PROCUREMENT - MAY 8, 1942

Source of Information: Medical Section, Monthly Status Report

The index below is based on dollar values of Critical Items listed in the Monthly Status Report. International Aid and Navy figures not included.





TEXT SUMMARY - C. W. S. - STATUS MAY 22, 1942

Source of Information: Chemical Warfare Service Progress Reports

CHEMICAL AGENTS: The production of Mustard Gas continues at a rate far above estimated plant capacity. Production during the first three weeks of this month totals 1,885 tons. This production was reported by the two units that are now in operation at Huntsville and Edgewood. An additional twelve units are planned, five of which are expected to be in operation before the first of the year.

Deliveries of C.N.S. and Lewisite show marked increases, although some difficulty is experienced in obtaining the necessary raw materials and intermediates. The Lewisite requirements for the thirty month period ending June 1944, have been reduced from 117,809 tons to 54,000 tons. This new requirement is more possible of fulfillment, the shortage to be made up by procuring an additional 46,400 tons of Mustard Gas.

Further manufacturing orders for Lewisite and Mustard Gas will not be let until the construction of additional plants is more advanced.

IMPREGNITE I: Impregnite "I" or CC-2 is a complex organic compound used in the impregnation of clothing to protect against vesicant agents. At present there are four plants in operation, but these facilities are insufficient to meet the Army Supply Program and three new plants are already planned. Construction of additional plants requires large amounts of highly critical materials such as glass-lined reactors, stainless steel tanks, copper stills and electric controls.

PROTECTIVE OINTMENT: Deliveries of Protective Ointment are remaining fairly constant but at a rate far below the necessary production to meet requirements. Raw materials for the procurement of this item have all caused difficulty in the past; however, it is believed that these difficulties now have been overcome with the exception of those for the components Dichloramine T and Triacetin.

AIRPLANE TANKS: Procurement of Airplane Tanks M20 and M21 is being delayed due to the inability of the Service to secure Monel metal, and therefore a substitute must be obtained. The procurement of these tanks is more difficult than the procurement of the M10 type because more rigid construction is required as pressure is used.

WEEKLY DELIVERIES - SELECTED ITEMS

Item	Deliveries		Item	Deliveries	
	May 9-15	May 16-22		May 9-15	May 16-22
Agent Bleach	108	110	Apparatus Decont. (1½ qt)	7,200	12,000
Agent Non-Corr. (gal)	16,323	5,441	Brush, Window	0	877
Apparatus Decont. Power	38	55	Container Steel (1 ton)	540	488
Bomb, Incendiary (Mag)	166,592	126,231	Field Laboratory	0	4
Bomb, Incendiary (Sub)	544,100	610,080	Impregnite I (ton)	78	99
Chemical Agents (tons)			Impregnite Shoe (ton)	475	379
Lewisite (M1)	4	7	Line, Filling Smoke Tank	0	56
Mustard (HS)	588	526	Ointment Protective (ton)	22	16
Tear Gas (CNS)	77	96	Set, Gas, Detonation	618	343
White Phosphorus (WP)	371	105	Shell, Chemical Mortar	3,006	3,131
Mask, Gas, Diaphragm	7,713	4,030	Shell, Livens Projector	0	18,763
Mask, Gas, Service	31,652	30,645	Smoke Pots	3,902	3,912
Tank, Airplane M10	90	238	Solvent, Impregnite (ton)	282	335
Adapter, Line Filling	97	97	Tractor, Hoist	0	1
Agent, Simulated M2 (ton)	0	100	Curtains, Gasproof	20,374	18,396

TABULAR SUMMARY - STATUS OF SELECTED C. W. S. ITEMS ON ARMY SUPPLY PROGRAM*
MAY 22, 1942

Source of Information: Chemical Warfare Service

Item	Author-ized**	Under Con-tract**	Req'd Prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
CRITICAL											
Agent Bleach (ton)	5,941	6,367	7,014	1,303	202	382	172	363	310	310	360
Agent H.T. Bleach (ton)	991	522	493	56	20	0	26	0	110	110	110
Agent Non-Corr. (gal)	2,604,023	2,400,664	1,369,677	185,397	0	28,349	121,718	35,330	120,000	120,000	120,000
Apparatus Decont. Power	1,266	1,178	1,389	361	0	67	145	149	160	160	160
Bomb, Incendiary (Mag) a/	89,775	35,000	25,471	779	4	111	233	431	340	1,190	1,700
Bomb, Incendiary (Sub) a/	13,500	13,500	13,500	6,302	780	1,911	1,784	1,581	2,040	2,380	850
Canister, Svc. & Dia.	2,065,369	2,065,372	1,617,604	923,353	253,635	247,463	173,614	58,805	150,000	150,000	240,000
Canister, Optical	8,110	8,110	0	8,110	0	0	0	8,110	8,110	0	0
Chemical Agents (tons)											
Lewisite (M-1)	58,912	4,912	54,000	67	0	28	26	13	50	140	230
Mustard (HS)	164,498	31,182	132,006	4,769	724	586	960	1,885	1,000	1,000	1,400
Phosgene (CG)	3,334	3,334	1,081	640	0	546	94	0	0	0	0
Screening Smoke (FS)	18,861	1,655	18,479	740	202	205	83	0	100	100	100
Screening Smoke (HC)	3,837	3,837	474	0	0	0	0	0	0	250	250
Tear Gas (CNS)	20,400	1,547	20,054	1,086	226	277	224	239	250	250	200
White Phosphorus (WP)	16,139	9,786	3,830	3,431	0	523	421	2,280	Procured as Needed		
Mask, Gas, Diaphragm	615,247	634,646	843,200	194,083	21,190	8,437	30,073	30,203	30,000	45,000	60,000
Mask, Gas, Service	3,965,480	1,420,515	2,046,132	771,242	175,238	146,465	193,327	102,243	200,000	200,000	200,000
Tank, Airplane M-10	47,256	33,096	47,256	3,540	928	722	1,312	578	850	6,850	6,090
Tank, Airplane M-20	11,290	940	1,691	112	0	0	112	0	50	50	50
Tank, Airplane M-21	11,290	940	1,665	0	0	0	0	0	Scheduled August 1st.		
ESSENTIAL											
Agent, Simulated (M1,M2)	3,177	3,177	597	100	0	0	0	100	0	1,337	1,840
Alarm, Gas	51,531	48,309	36,115	0	0	0	0	0	Not Standardized		
Apparatus Decont (1½ qt)	678,875	665,545	534,978	114,343	20,000	24,596	33,347	24,400	78,000	78,000	78,000
Apparatus Decont (3 gal)	48,735	45,541	42,232	0	0	0	0	0	10,000	10,000	10,000
Candle, DM	33,402	33,402	44,019	0	0	0	0	0	0	6,000	6,000
Canister, Coll. Prot.	5,206	5,206	5,736	5,206	893	1,150	2,339	298	298	0	0
Cart C.W. 4.2"	2,374	2,374	436	0	0	0	0	0	0	180	180
Container Steel (1 ton)	283,770	33,680	246,184	8,049	1,112	1,627	3,167	1,575	2,000	2,000	2,000
Curtains, Gasproof	437,774	442,353	653,702	255,269	63,365	28,800	30,248	55,270	65,000	65,000	65,000
Cylinders Portable	27,262	27,262	17,018	0	0	0	0	0	900	0	0
Flame Thrower, Emplaced	520	0	1,035	0	0	0	0	0	0	0	0
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	Not Standardized		
Flame Thrower, Portable	980	980	800	980	50	427	256	247	247	0	0
Generator Smoke Veh.	26,813	15,040	51,673	25	0	0	0	25	0	5,040	0
Impregnite I (ton)	10,634	5,212	1,875	979	152	217	292	270	300	500	500
Impregnite Shoe (ton)	8,400	8,469	4,316	5,940	1,176	1,127	1,737	1,227	1,300	1,300	1,021
Mask, Gas, Horse M4	20,713	20,713	28,248	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	10,000	8,432	0
Mine, Land, Chemical	1,411,507	1,451,507	398,970	543,347	303,146	80,231	0	0	0	100,000	100,000
Mortar Chemical 4.2"	1,906	1,906	395	1	0	0	0	1	180	113	250
Ointment Prot. (ton)	1,074	217	1,261	133	0	30	48	52	35	71	67
Protector, Collective	2,800	2,800	2,608	2,800	600	1,334	599	70	70	0	0
Respirator, Dust	5,450,500	5,532,747	6,590,712	34,475	0	3,836	3,839	12,550	130,000	500,000	500,000
Set, Accessories, L.P.	513	110	120	3	0	0	0	0	0	0	107
Set, Gas, Detonation	4,684	4,684	59,718	3,687	1,979	0	141	1,286	100	500	500
Set, Gas, Instructional	0	0	7,660	0	0	0	0	0	0	0	0
Shell, Chemical Mortar	2,059,837	1,421,431	647,481	20,719	0	3,419	8,277	9,023	35,000	40,000	65,000
Shell, Livens Projector	187,639	187,639	32,268	22,311	0	0	0	18,763	5,000	55,000	55,000
Sight, Chemical Mortar	2,117	2,117	411	0	0	0	0	0	180	190	250
Solvent, Impregnite (ton)	22,685	22,685	5,156	5,166	880	1,202	875	843	850	850	850

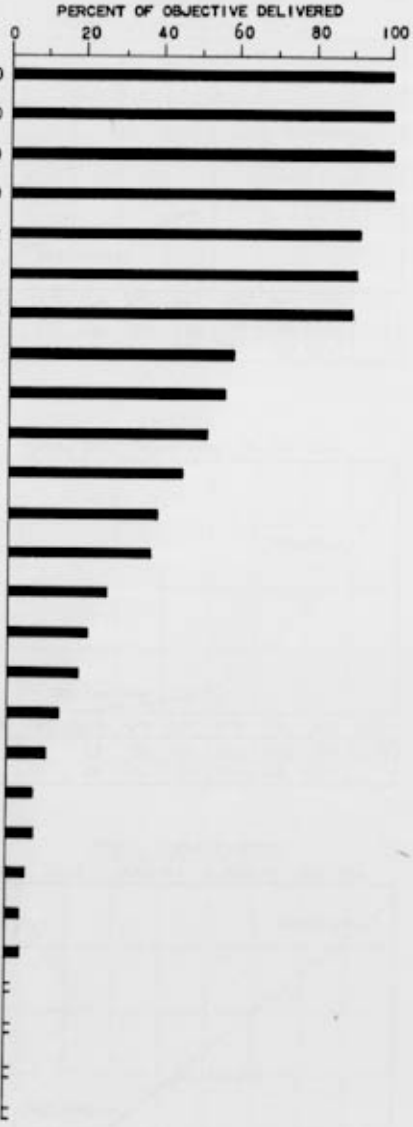
* International Aid and Navy figures not included.
** Deliveries prior to January 1, 1942 are excluded.

a/ Figures in Thousands

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - MAY 22, 1942

Source of Information: Chemical Warfare Service

ITEM	1942 ARMY OBJECTIVES	DELIVERIES JAN 1-MAY 22	%
IMPREGNITE SHOE (TON)	4,316	5,940	100
PROTECTOR, COLLECTIVE M1	2,608	2,800	100
FLAME THROWER, PORTABLE	800	980	100
SOLVENTS IMPREGNITE (TON)	5,156	5,166	100
CANISTER, DIAPHRAGM	416,094	382,372	92
INCEND. BOMB CLUSTER (4 LB)	229,911	208,280	91
WHITE PHOSPHORUS (TON)	3,830	3,431	90
C.G. GAS (PHOSGENE)(TON)	1,081	640	59
CONTAINER STEEL (ONE TON)	14,164	8,049	57
IMPREGNITE I (TON)	1,875	979	52
CANISTER, SERVICE	1,201,510	541,981	45
CURTAINS, GASPROOF	653,702	255,269	39
MASK, GAS, SERVICE	2,046,132	771,242	38
APPARATUS DECONT. POWER	1,389	361	26
APPARATUS DECONT. (1½ QT)	534,978	114,343	21
AGENT, BLEACH (TON)	7,014	1,303	19
AGENT, NON-CORROSIVE (GAL)	1,369,677	185,397	14
OINTMENT PROTECTIVE (TON)	1,261	133	11
AIRPLANE TANK M20	1,691	112	7
AIRPLANE TANK M10	47,256	3,540	7
C.N.S. (TEAR GAS)(TON)	20,054	1,086	5
MUSTARD GAS (TON)	132,006	4,769	4
F.S. SCREENING SMOKE (TON)	18,479	740	4
DUST RESPIRATORS	6,590,712	34,475	*
LEWISITE (TON)	54,000	67	*
AIRPLANE TANK M21	1,665	0	0
APPARATUS DECONT. (3 GAL)	42,232	0	0



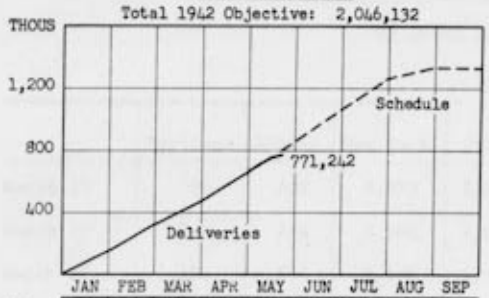
* LESS THAN ONE PERCENT DELIVERED

SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - MAY 22, 1942

Source of Information: Chemical Warfare Service

SERVICE GAS MASKS

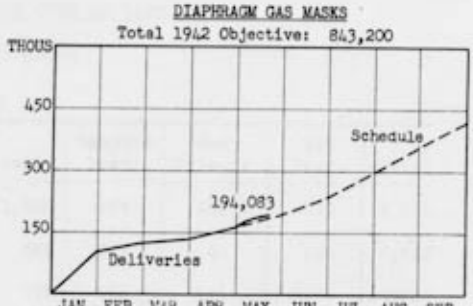
Total 1942 Objective: 2,046,132



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	154	329	476	669	869	1069	1269	1335	1335
DELIVERIES	154	329	476	669	771 (Thru May 22)				

DIAPHRAGM GAS MASKS

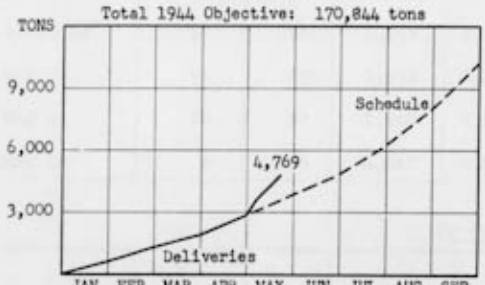
Total 1942 Objective: 843,200



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	104	125	134	164	194	239	299	359	419
DELIVERIES	104	125	134	164	194 (Thru May 22)				

MUSTARD GAS

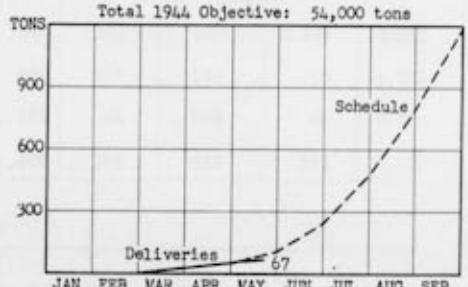
Total 1944 Objective: 170,844 tons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	615	1339	1925	2885	3885	4885	6285	8085	10285
DELIVERIES	615	1339	1925	2885	4769 (Thru May 22)				

LEWISITE

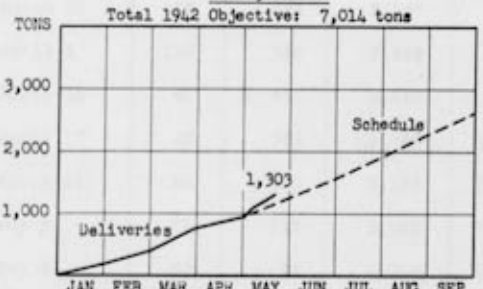
Total 1944 Objective: 54,000 tons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	0	0	28	54	104	244	474	799	1199
DELIVERIES	0	0	28	54	67 (Thru May 22)				

AGENT, BLEACH

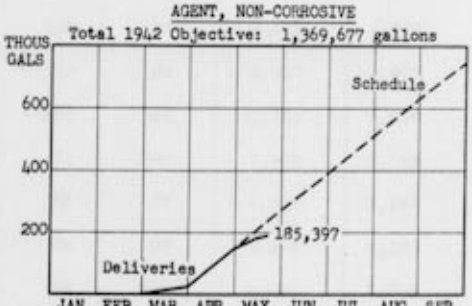
Total 1942 Objective: 7,014 tons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	186	388	769	941	1251	1561	1921	2281	2641
DELIVERIES	186	388	769	941	1303 (Thru May 22)				

AGENT, NON-CORROSIVE

Total 1942 Objective: 1,369,677 gallons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	0	0	28	150	270	390	510	630	750
DELIVERIES	0	0	28	150	185 (Thru May 22)				

PORT SITUATION - DELAYS IN CAR UNLOADING - MAY 15, 1942

Sources of Information: Association of American Railroads - PT Report No. 8

LOADED CARS EXPORT FREIGHT OVER 10 DAYS

AT EIGHT PRINCIPAL PORTS

By Ports

	Portland	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Total
March 13	75	378	3,375	2,353	1,053	263	320	316	8,133
March 20	290	234	3,302	2,558	864	261	146	244	7,899
March 27	108	156	3,395	1,672	861	255	121	169	6,737
April 3	136	156	3,189	1,475	1,288	311	64	304	6,923
April 10	66	74	3,237	1,484	1,472	287	147	312	7,079
April 17	44	163	3,221	1,566	1,067	226	179	279	6,745
April 24	60	115	2,949	1,446	848	141	185	193	5,937
May 1	81	138	2,966	2,029	754	115	128	159	6,370
May 8	20	66	2,968	2,558	1,238	64	308	82	7,304
May 15	9	52	2,647	2,294	1,670	102	323	131	7,228

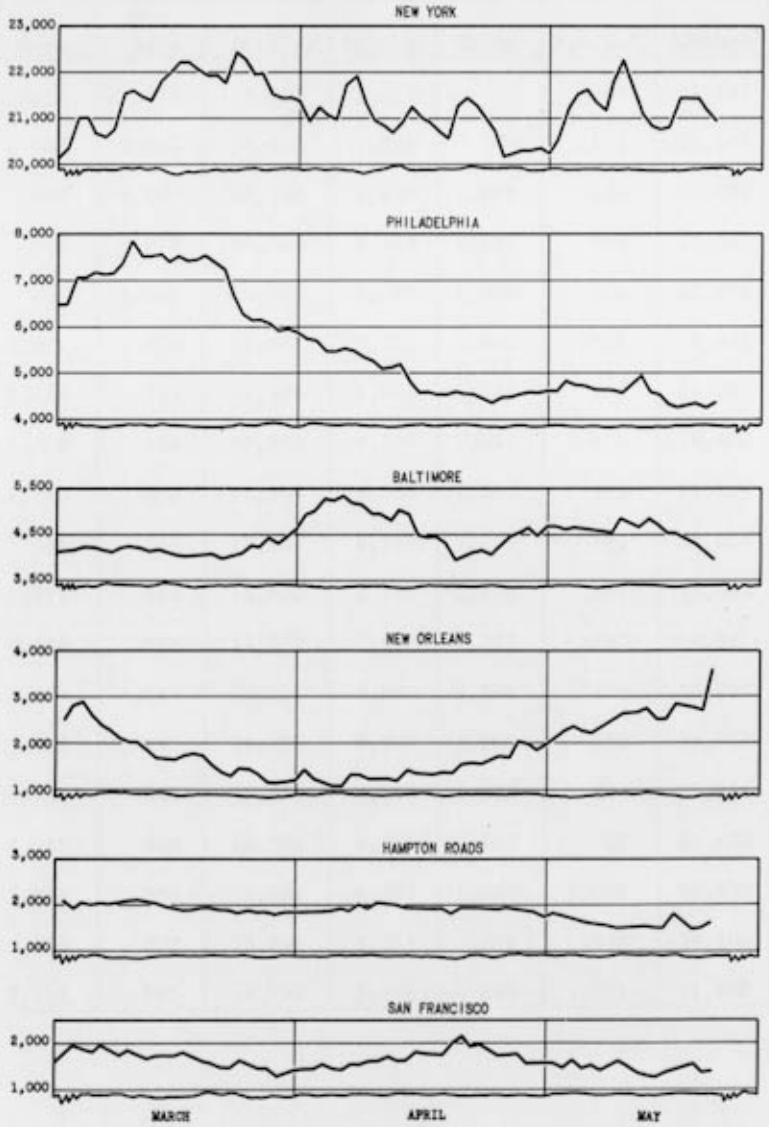
By Consignee

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
March 13	198	247	4,068	1,059	188	107	2,266	8,133
March 20	153	215	3,755	1,203	134	139	2,300	7,899
March 27	129	166	2,947	891	125	67	2,412	6,737
April 3	128	353	3,485	656	180	34	2,087	6,923
April 10	66	442	3,266	727	183	42	2,353	7,079
April 17	33	325	3,385	1,012	91	90	1,809	6,745
April 24	51	199	3,157	1,083	54	57	1,336	5,937
May 1	71	117	3,085	1,801	29	69	1,198	6,370
May 8	30	74	2,910	2,972	29	279	1,010	7.304
May 15	96	63	3,338	2,531	17	246	937	7,228

PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS 7:00 A.M. DAILY - MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 3

CARLOADS OF EXPORT AND COASTAL FREIGHT (EXCEPT GRAIN) ON RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES ONLY



PORT SITUATION - CONSIGNEES OF RAIL FREIGHT AT PRINCIPAL PORTS, MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
1942 Jan 16	538	173	8,087	1,809		447	11,146	22,200
Jan 23	756	1,029	14,408	1,892		393	12,457	30,935
Jan 30	650	1,067	14,978	2,490	1,435	485	11,665	32,770
Feb 6	904	1,078	15,802	2,549	1,737	359	12,312	34,741
Feb 13	837	1,149	16,543	2,820	1,828	391	12,778	36,346
Feb 20	1,017	973	16,617	3,651	1,301	352	13,361	37,272
Feb 27	1,490	791	15,980	4,398	1,246	253	14,126	38,284
Mar 6	1,659	754	15,801	4,527	1,196	404	13,800	38,141
Mar 13	1,240	853	18,238	4,569	1,237	459	14,158	40,754
Mar 20	934	838	15,451	4,717	1,289	381	14,524	38,134
Mar 27	983	846	14,532	3,765	1,200	358	14,546	36,230
Apr 3	1,116	918	14,877	3,615	1,232	320	14,361	36,439
Apr 10	1,401	1,051	14,517	3,891	1,258	520	13,797	36,435
Apr 17	1,543	971	14,215	3,907	1,250	520	13,210	35,616
Apr 24	1,756	821	14,246	4,053	1,262	600	12,894	35,632
May 1	1,967	929	14,376	4,827	1,280	742	13,400	37,521
May 8	1,888	896	16,434	4,637	1,086	1,022	12,646	37,609
May 15	2,156	807	16,244	4,271	929	1,456	12,402	38,265
May 22	3,123	980	15,792	3,724	889	1,716	11,602	37,826

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: 8-Series Reports - Aircraft Branch, WPB
Statistical Control, AAF

The Army share of the Presidential objective of 60,000 airplanes in 1942 amounts to 48,190 units or approximately 80 percent of the total objective. This covers Army procurement for the Air Forces, for Army International Aid and for the Navy.

Planning estimates have been set up by the Aircraft Branch, WPB in its 8-Series reports for about 80 percent of the Army 1942 objective. This percentage is slightly high because some units are included in the estimate twice. It was necessary in the April revision of the Series to schedule a second time units undelivered during the first three months of 1942.

Although the WPB has established an ultimate objective by type and model for the remaining 20 percent of the Army 1942 objective, manufacturing facilities are not yet available to produce this balance.

As of May 23, some 12,156 airplanes or 25 percent of the Army share of the 1942 objective were accepted. The table below shows the status of the objective.

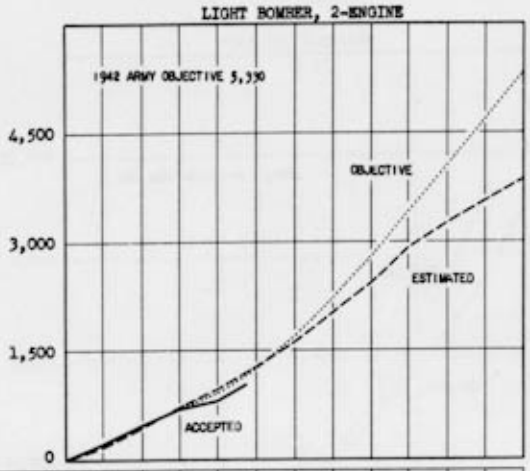
Type	Army 1942 Objective	Initial 1942 Est (a)	Accepted Jan 1, 1942 to May 23 (b)	Percent of Objective	
				Est	Acc
Heavy Bomber	3,300	2,839	673	86	20
Medium Bomber	5,630	2,927	530	52	9
Lt Bomber, 2-eng	5,330	3,865	1,021	73	19
Lt Bomber, 1-eng	1,840	838	0	46	0
Pursuit, 2-eng	1,810	996	448	55	25
Pursuit, 1-eng	11,180	8,884	2,029	79	18
Transport	1,800	1,532	376	85	21
Communications	2,300	1,364	1,230	59	53
Adv Trainer, 2-eng	3,600	4,360	1,168	121	32
Adv Trainer, 1-eng	3,300	4,222	1,030	128	31
Basic Trainer	3,600	4,133	1,617	115	45
Primary Trainer	4,500	5,506	2,034	122	45

(a) 8-I, January through March; 8-J, April through December
(b) Includes acceptances for the Air Forces, for Army International Aid and acceptances by the Army for the Navy.

ARMY AIRPLANE PROCUREMENT - MAY 23, 1942

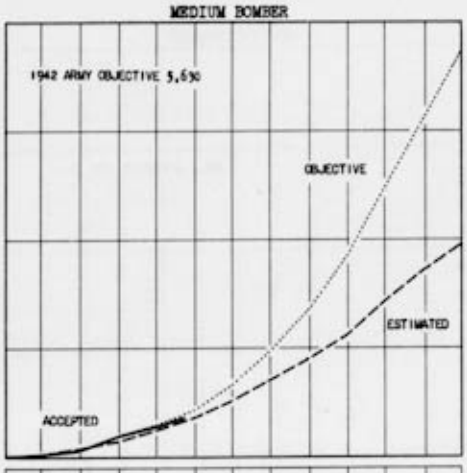
Source of Information: Objectives and Estimates: S-Series - WPB
Acceptances: Statistical Control - AAF

LIGHT BOMBER, 2-ENGINE



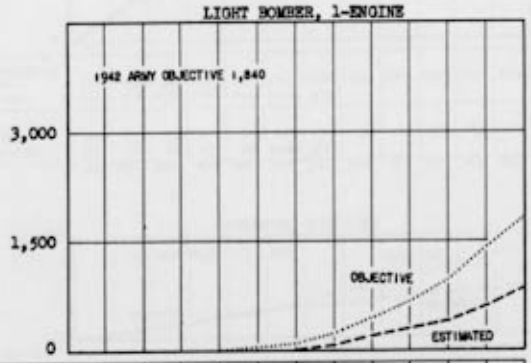
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	179	434	735	960	1269	1618	2025	2449	2914	3275	3570	3865
1942 CUMULATIVE ACCEPTANCES	227	491	707	816	1021	(THRU 5/23)						
MONTHLY ESTIMATE	179	255	301	225	309	349	407	424	465	361	295	295
MONTHLY ACCEPTANCES	227	264	216	109	205	(THRU 5/23)						

MEDIUM BOMBER



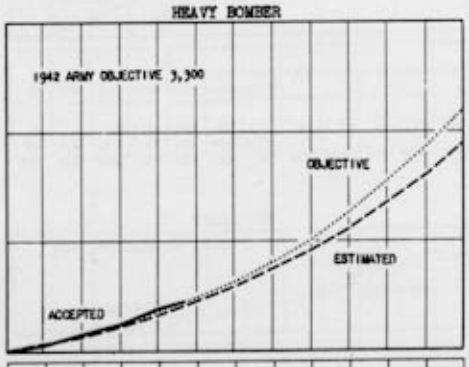
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	40	107	216	365	550	791	1058	1355	1689	2137	2585	2927
1942 CUMULATIVE ACCEPTANCES	19	91	291	428	530	(THRU 5/23)						
MONTHLY ESTIMATE	40	67	109	149	185	241	267	297	334	448	448	342
MONTHLY ACCEPTANCES	19	72	200	137	102	(THRU 5/23)						

LIGHT BOMBER, 1-ENGINE



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	0	0	0	0	0	0	75	211	288	392	603	838
1942 CUMULATIVE ACCEPTANCES	0	0	0	0	0	(THRU 5/23)						
MONTHLY ESTIMATE	0	0	0	0	0	0	75	136	77	104	211	235
MONTHLY ACCEPTANCES	0	0	0	0	0	(THRU 5/23)						

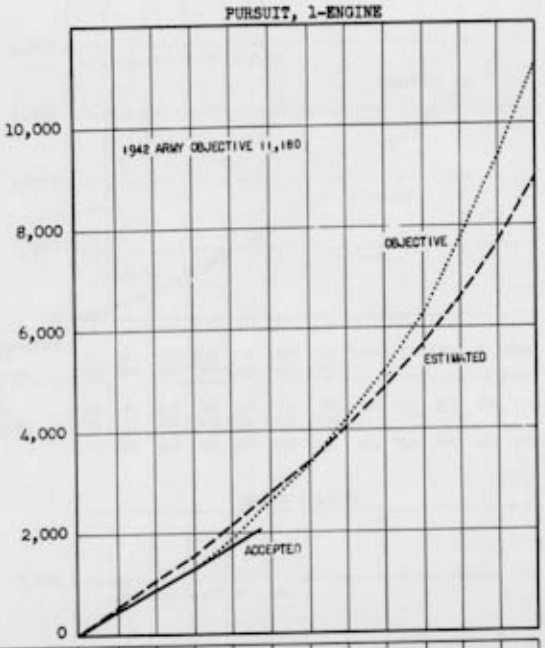
HEAVY BOMBER



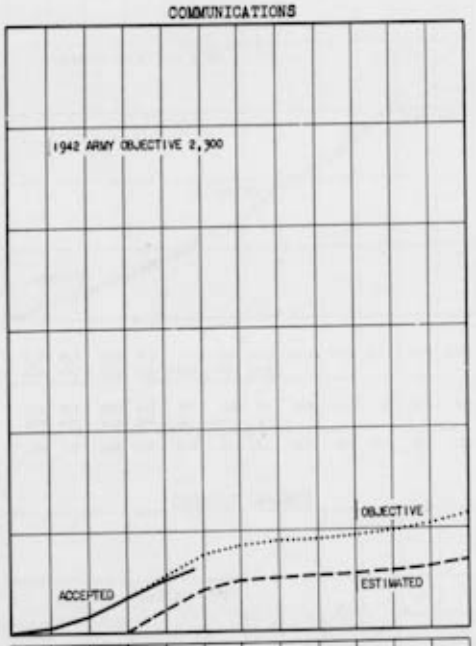
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	84	194	330	495	678	882	1110	1369	1665	2009	2398	2839
1942 CUMULATIVE ACCEPTANCES	82	216	372	543	673	(THRU 5/23)						
MONTHLY ESTIMATE	84	110	136	165	183	204	228	259	296	344	389	441
MONTHLY ACCEPTANCES	82	134	156	171	130	(THRU 5/23)						

ARMY AIRPLANE PROCUREMENT - MAY 23, 1942

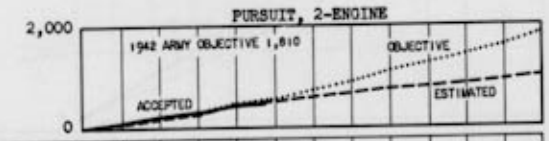
Source of Information: Objectives and Estimates: 8-Series - WPB
Acceptances: Statistical Control - AAF



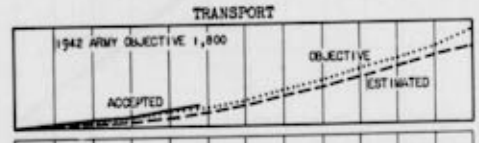
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	531	1064	1562	2129	2729	3346	4060	4814	5683	6615	7683	8884
1942 CUMULATIVE ACCEPTANCES	464	864	1327	1760	2029	(THRU 5/23)						
MONTHLY ESTIMATE	531	533	498	567	600	617	714	754	869	932	1068	1201
MONTHLY ACCEPTANCES	464	400	463	433	269	(THRU 5/23)						



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	0	0	0	454	869	1036	1044	1067	1110	1175	1260	1364
1942 CUMULATIVE ACCEPTANCES	99	378	697	1058	1230	(THRU 5/23)						
MONTHLY ESTIMATE	0	0	0	454	415	167	8	23	43	65	85	104
MONTHLY ACCEPTANCES	99	279	319	361	172	(THRU 5/23)						



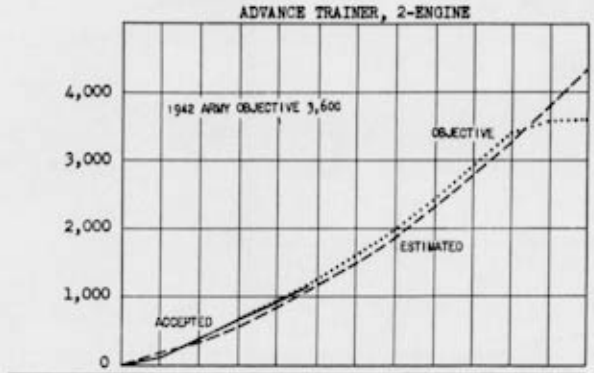
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	101	216	316	454	535	606	676	746	797	849	916	996
1942 CUMULATIVE ACCEPTANCES	106	233	333	434	448	(THRU 5/23)						
MONTHLY ESTIMATE	101	115	100	138	81	71	70	70	51	52	67	80
MONTHLY ACCEPTANCES	106	127	100	101	14	(THRU 5/23)						

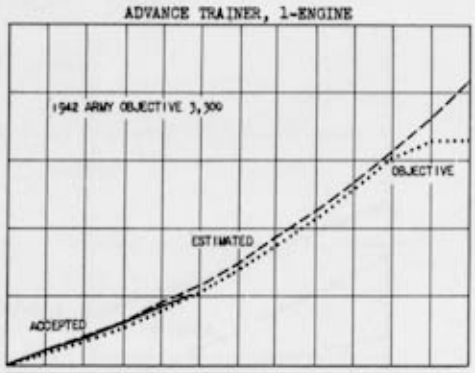


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	29	53	105	187	285	419	589	761	935	1125	1304	1532
1942 CUMULATIVE ACCEPTANCES	51	108	191	322	376	(THRU 5/23)						
MONTHLY ESTIMATE	29	24	52	82	98	134	170	172	174	190	179	228
MONTHLY ACCEPTANCES	51	57	83	131	54	(THRU 5/23)						

ARMY AIRPLANE PROCUREMENT - MAY 23, 1942

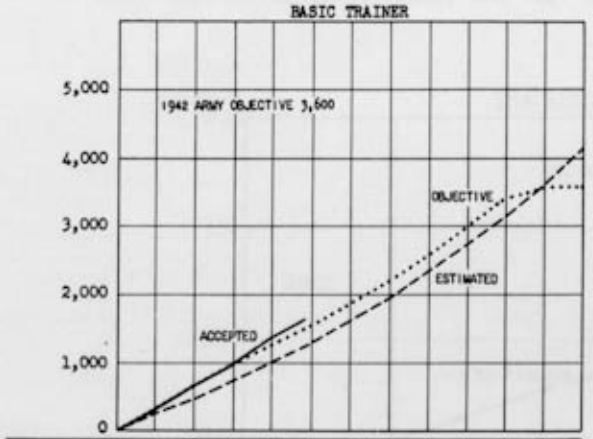
Source of Information: Objectives and Estimates: 8-Series - WPB
Acceptances: Statistical Control - AAF

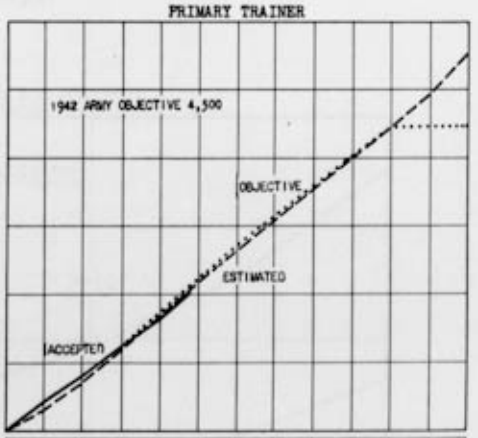




	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE												
ESTIMATE	161	341	559	845	1159	1493	1856	2308	2793	3300	3823	4360
ACCEPTANCES	135	388	668	946	1168	(THRU 5/23)						
MONTHLY												
ESTIMATE	161	180	218	286	314	334	363	452	485	507	523	537
ACCEPTANCES	135	253	280	278	222	(THRU 5/23)						

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	232	443	663	910	1184	1492	1843	2252	2692	3167	3677	4222
	232	407	619	869	1030	(THRU 5/23)						
	232	211	220	247	274	308	351	409	440	475	510	545
	232	175	212	250	161	(THRU 5/23)						





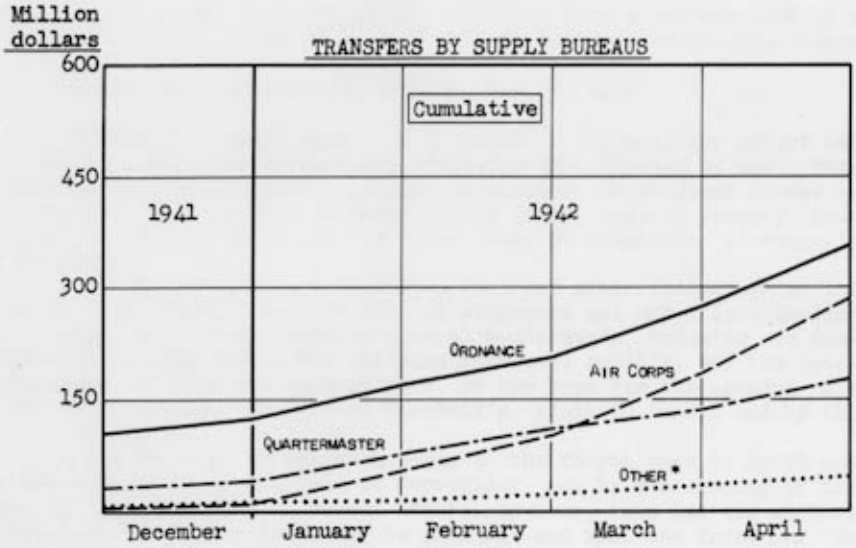
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE												
ESTIMATE	242	492	749	1013	1301	1626	1964	2345	2750	3183	3643	4133
ACCEPTANCES	327	678	1003	1341	1617	(THRU 5/23)						
MONTHLY												
ESTIMATE	242	250	257	264	288	325	338	381	405	433	460	490
ACCEPTANCES	327	351	325	338	276	(THRU 5/23)						

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	340	734	1211	1696	2218	2673	3098	3557	4020	4491	4986	5506
	447	790	1279	1660	2034	(THRU 5/23)						
	340	394	477	485	522	455	425	459	463	471	495	520
	447	343	489	381	374	(THRU 5/23)						

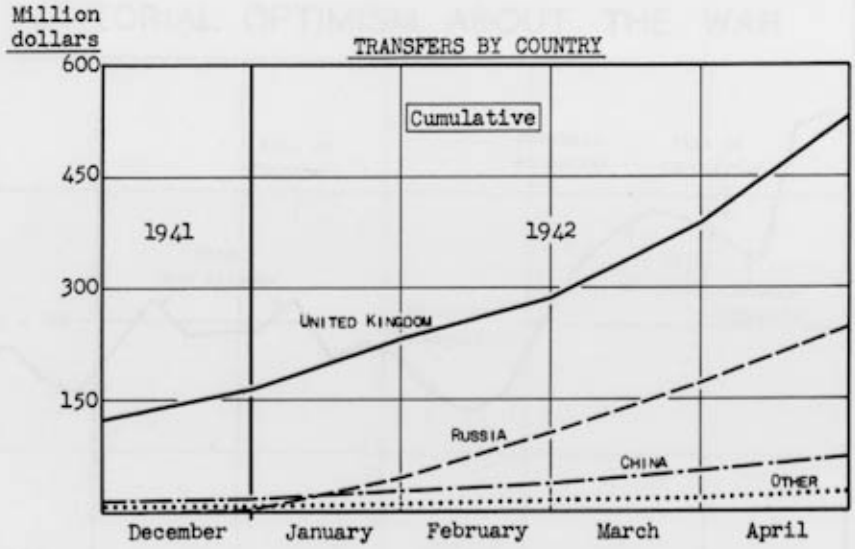
NOTE: TRAINER ESTIMATES FOR ALL CUSTOMERS IN 1942 ARE 30 PERCENT IN EXCESS OF THE PRESIDENTIAL OBJECTIVE OF 15,000 UNITS. THE OBJECTIVES ABOVE REPRESENT THE ESTIMATE FOR EACH TYPE REDUCED IN PROPORTION TO ITS WEIGHT IN THE TOTAL ESTIMATE. THE ENTIRE U. S. TRAINER OBJECTIVE HAS BEEN ASSIGNED TO THE ARMY AS DIRECT PROCUREMENT OF THIS TYPE BY OTHER AGENCIES IS NEGLIBLE.

INTERNATIONAL AID - TRANSFERS BY SUPPLY BUREAUS AND COUNTRIES - APRIL 30, 1942

Source of Information: All Supply Arms Services



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



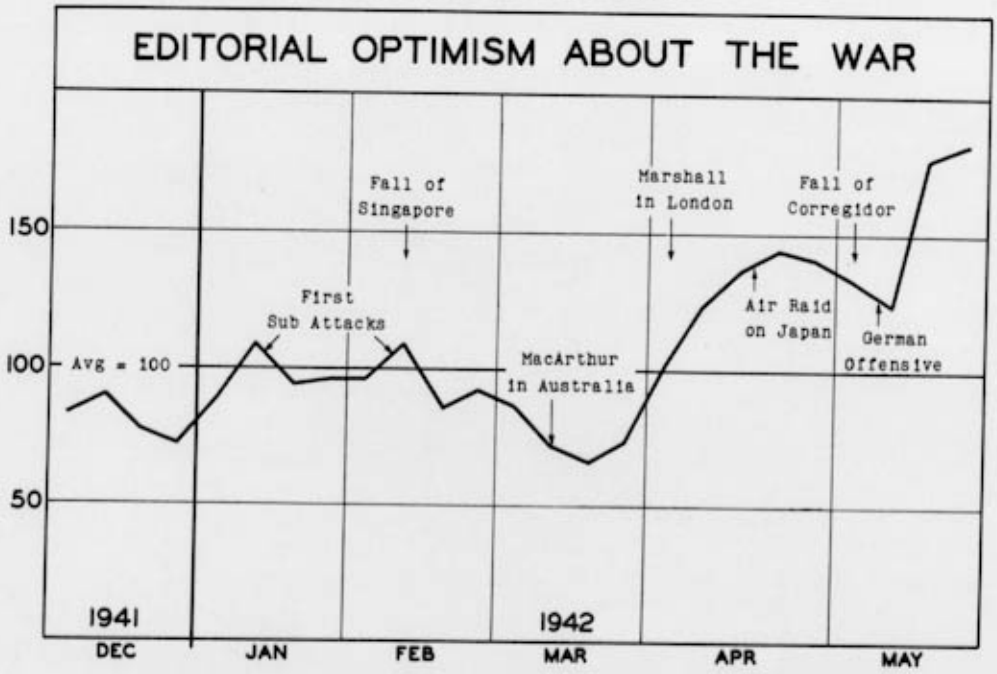
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistical Service, May 27, 1942

Editorial optimism about the progress of our military effort was at a low ebb during the first month following the outbreak of war. This appears to have been caused largely by concern about fleet losses at Pearl Harbor. A minor rise occurred in the second week in January, however, which was terminated by the first wave of submarine sinkings in the Atlantic.

A second minor rise in optimism followed after the report on the losses at Pearl Harbor, but the fall of Singapore set off a long decline which lasted until news came of General MacArthur's transfer to Australia. For a time thereafter optimism increased rapidly, and the optimistic frame of mind was strengthened by the hope for the opening of a second front aroused by General Marshall's visit to London and by the air raid on Japan.

A new decline in optimism began in the fourth week in April and this was aggravated by the fall of Corregidor and by the opening of the German spring offensive. Recent events, however, have led the editors to hope that the German drive may be stalled and that the force of the Japanese advance in the Far East may have spent itself. This hope is reflected in the new upturn in optimistic sentiment.



Editorial Opinion
42

Statistical Service
SOS - 5-28-42

SECRET

WEEKLY STATISTICAL SUMMARY

NUMBER 49
JUNE 4, 1942

STATISTICAL SERVICE
SERVICES OF SUPPLY
WAR DEPARTMENT

COPY NO.

ISSUED TO

WEEKLY STATISTICAL SUMMARY
REPORT NO. 49
JUNE 4, 1942

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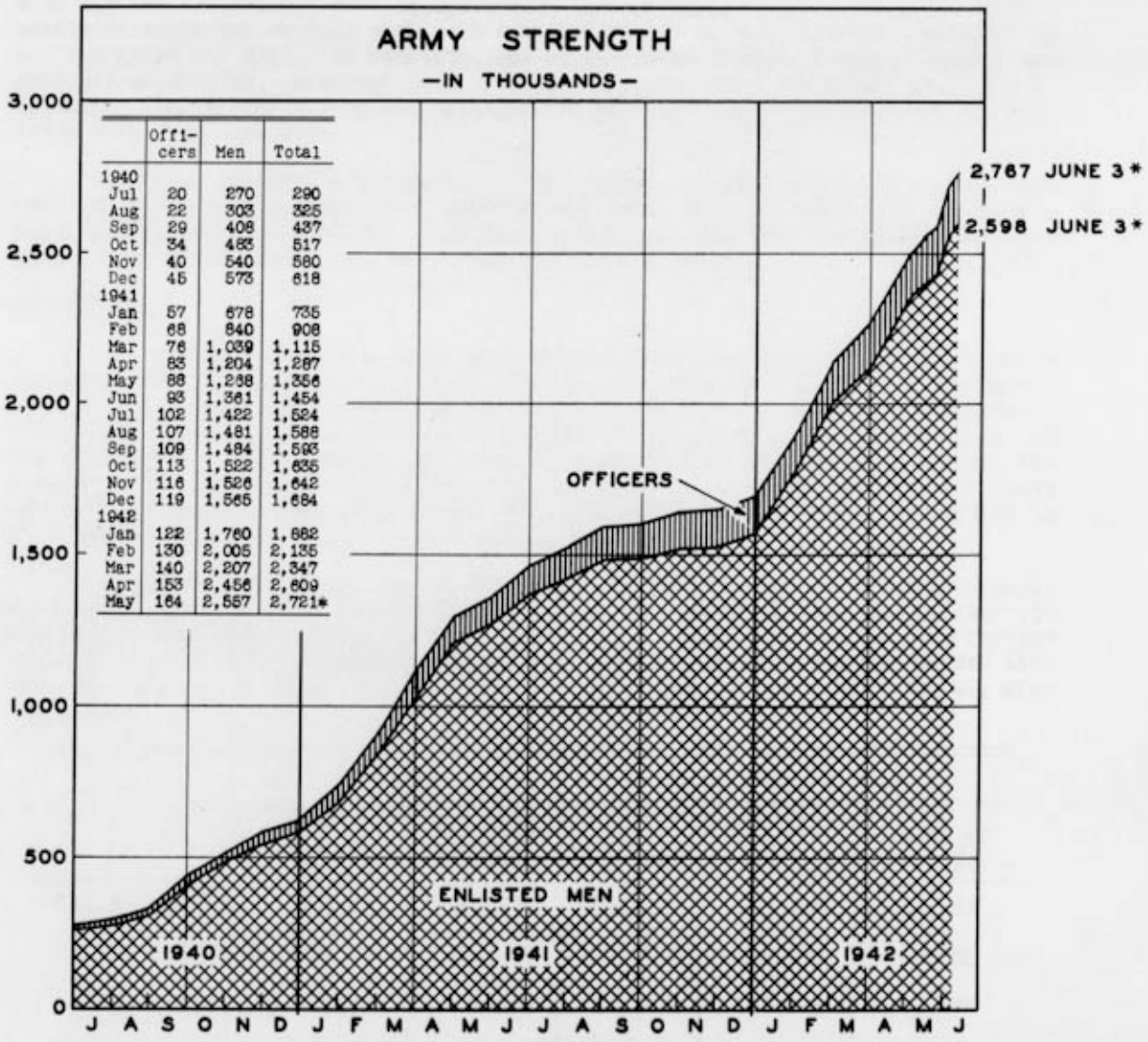
ARMY STRENGTH - JUNE 3, 1942

Source of Information: Statistics Branch, General Staff



	Officers	Men	Total
1940			
Jul	20	270	290
Aug	22	303	325
Sep	29	408	437
Oct	34	483	517
Nov	40	540	580
Dec	45	573	618
1941			
Jan	57	678	735
Feb	68	840	908
Mar	76	1,039	1,115
Apr	83	1,204	1,287
May	88	1,268	1,356
Jun	93	1,361	1,454
Jul	102	1,422	1,524
Aug	107	1,481	1,588
Sep	109	1,484	1,593
Oct	113	1,522	1,635
Nov	116	1,526	1,642
Dec	119	1,565	1,684
1942			
Jan	122	1,760	1,882
Feb	130	2,005	2,135
Mar	140	2,207	2,347
Apr	153	2,456	2,609
May	164	2,557	2,721*

* Estimates

TEXT SUMMARY - ORDNANCE DEPARTMENT - JUNE 4, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

ORDNANCE EQUIPMENT ON PARADE

Concrete evidence showing some of the results of the Ordnance procurement program was witnessed at the Memorial Day Parade in Washington. Marching soldiers, with but few exceptions, were equipped with the new Garand rifle. A great show of mobile strength was evident with such combat vehicles as the personnel carrier M2 and the scout car M3A1. In addition, one of the first 37mm self-propelled antitank guns was on display, although none of these were available for troops as of May 1. Climaxing the parade, a complete battalion of M3 light tanks thundered by. All were armed with 37mm tank guns.

Other Ordnance items on display included: caliber .30 machine guns; caliber .50 machine guns, both heavy barreled and water cooled; wheeled 37mm antitank guns; a 37mm antiaircraft gun; 75mm field guns; one 75mm self-propelled antitank gun; a 90mm antiaircraft gun; and 105mm and 155mm howitzers.

MACHINE GUNS

Changes have been made in the machine gun objectives of the Army Supply Program. It is expected that a sufficient number of machine guns, with the exception of the caliber.30 aircraft gun, can be produced in 1942 to meet the objective. The present estimated 1942 output of the caliber .30 aircraft gun is 2,899 short of the objective. The estimated production through 1943 is unbalanced in several instances; the situation is indicated by the table below. The caliber .50 heavy barreled and water cooled machine guns have been omitted, as estimated production in 1942 and 1943 is expected to balance with objectives.

Efforts are being made by the Small Arms Division of the Ordnance Department to increase the 1943 output of the caliber .30, M1919A4, and the caliber .50 aircraft machine guns in order to meet objectives. Since the requirements for the caliber .30, M1917A1, machine gun have been reduced, it has been recommended that the resulting excess capacity be diverted to production of the caliber.30, M2, aircraft gun.

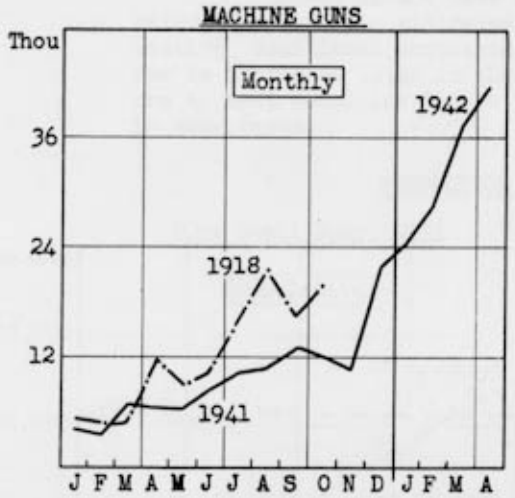
	1942		Total 1942 and 1943		
	Objective	Estimated production	Objective	Estimated production	Surplus or shortage
Cal.30 - M2, AC	103,877	100,978	254,101	209,938	- 44,163
- M1919A4	123,716	164,497	490,398	474,097	- 16,301
- M1917A1	13,720	26,526	34,305	105,726	+ 71,421
Cal.50 - AC	175,678	201,693	710,423	424,500	-285,923

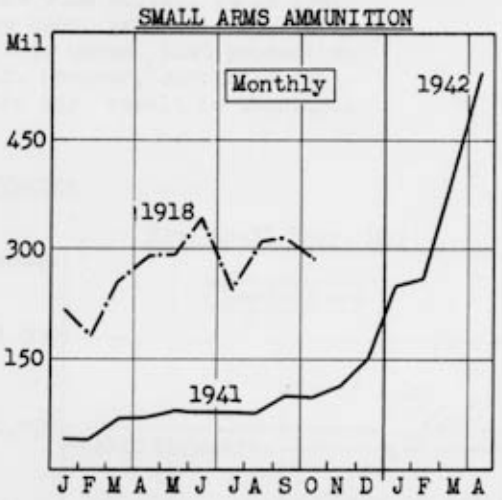
PRODUCTION - 1918 vs 1941-1942 - APRIL 30, 1942

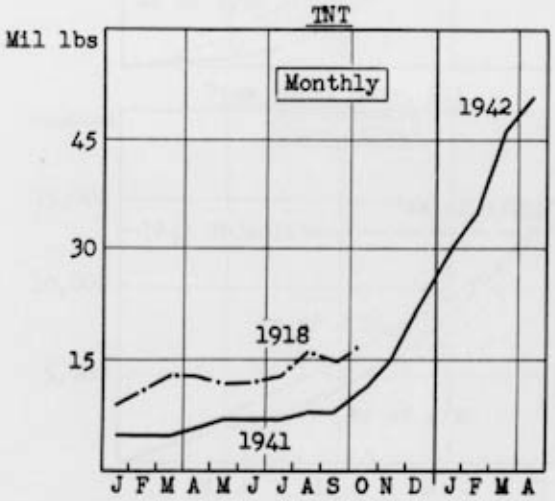
Source of Information: Ordnance Department and Statistical Service, SOS

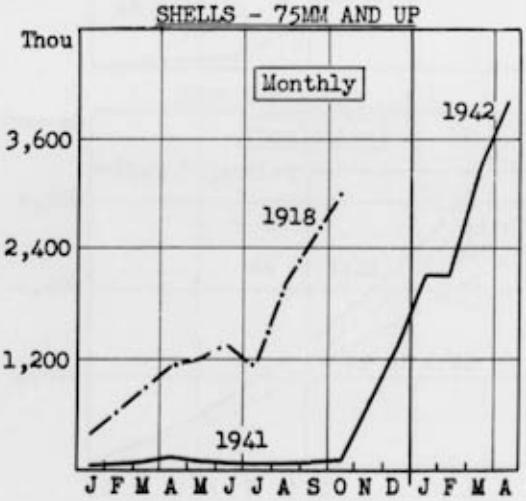
The diagrams below show that four months after the United States entered the war monthly production exceeded that of the first World War in each case.

The larger scope of the present program may be further shown by pointing out that April monthly production will be exceeded by fifty to over one hundred percent in each case by the end of 1942.









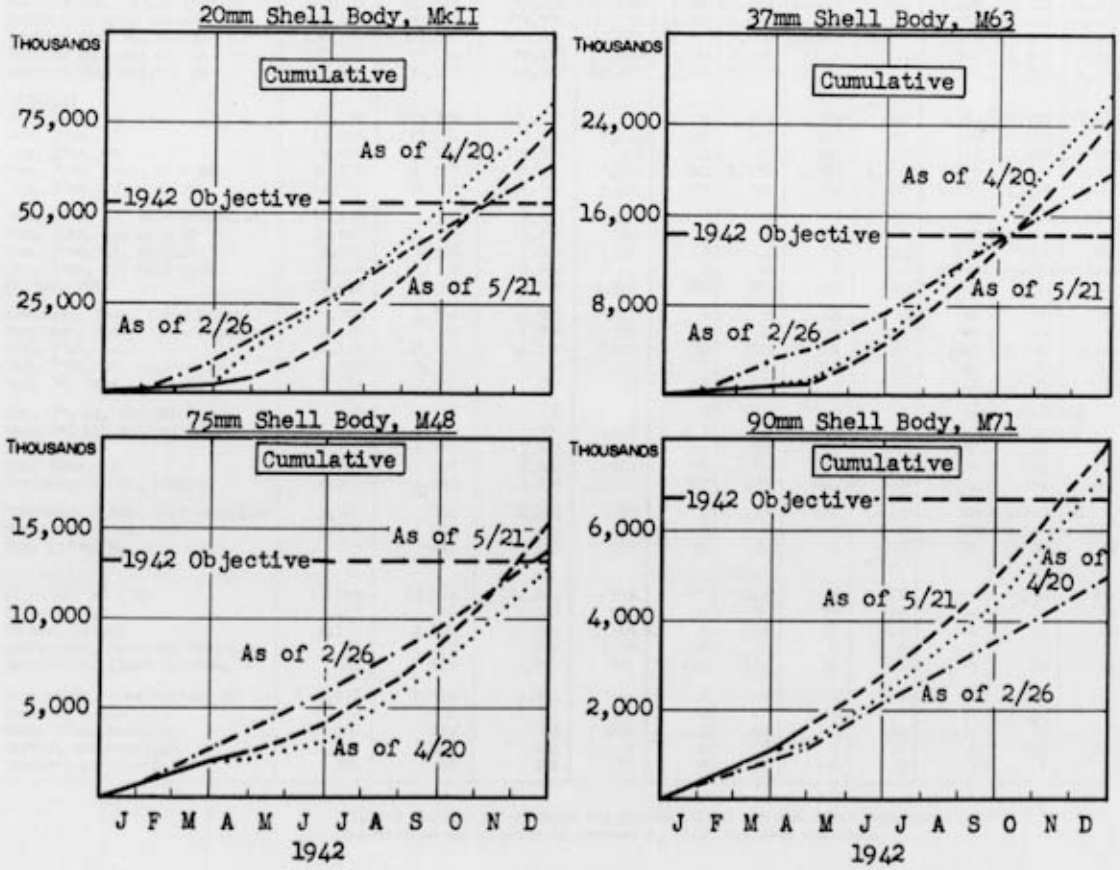
SHELL BODIES - PRODUCTION ESTIMATES - MAY 21, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

The diagrams below show the progress of production of selected shell bodies for critical rounds of ammunition, as well as the reliability of past planning schedules. Data are computed from planning sheets dated February 26, April 20 and May 21, used in Ordnance Department meetings.

Except in the case of the 90mm bodies, it is indicated that Ordnance estimates have been generally high. By letting additional contracts, it is hoped that production can be increased later in the year. However, continued failure to meet schedules in the future may result in shortages in some cases.

PRODUCTION ESTIMATES



TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE EQUIPMENT ITEMS ON ARMY SUPPLY PROGRAM - MAY 25, 1942

Source of Information: Ordnance Department

Item	Author-ized (a)	Under con-tract (a)	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 25	Feb	Mar	Apr	May 1-25	May	Jun	Jul
COMBAT VEHICLES											
Scout car, M3A1	16,538	16,538	9,406	611	0	0	295	316	800	1,187	1,200
Personnel carrier, M2 & M4	9,735	9,235	4,636	2,152	587	480	220	222	128	325	325
Personnel carrier, M3	17,095	16,854	8,925	1,388	355	192	198	235	555	550	1,000
Armored cars (all)	22,430	7,860	8,937	0	0	0	0	0	0	0	0
Tank, light	24,245	22,745	10,588	2,226	363	418	557	510	562	645	780
Tank, medium	40,692	40,692	14,000	3,378	630	672	817	683	984	1,230	1,425
Tank, heavy	1,132	777	115	0	0	0	0	0	1	0	4
SMALL ARMS											
Rifle, cal.30, M1	1,200,490	1,200,490	579,500	228,271	40,260	49,180	53,280	45,221	55,450	55,550	58,800
Carbine, cal.30, M1	1,652,243	1,607,243	1,077,808	20	12	0	0	0	500	1,105	3,500
Rifle, cal.30, M1903	1,707,551	806,727	979,000	98,582	11,981	21,889	25,982	22,667	30,000	30,000	30,000
Rifle, auto. Brg.cal.30,M1918A2	31,219	31,219	22,870	5,444	613	900	1,170	2,395	1,513	1,500	1,500
Machine gun, cal.30, AC	157,629	128,955	103,877	32,615	4,440	6,090	9,221	7,157	9,042	9,500	10,000
Machine gun, cal.30 (Var.)	442,581	432,515	137,436	46,421	6,389	10,849	11,010	10,744	9,805	12,218	14,500
Submachine gun, cal.45	1,619,094	792,782	979,336	232,075	45,783	48,092	54,340	44,144	56,500	59,000	59,000
Machine gun, cal.50, AC	435,452	329,552	175,678	72,619	15,197	15,530	15,806	16,592	14,973	16,000	17,000
Machine gun, cal.50, AA	57,043	56,704	35,463	11,118	1,584	2,035	3,335	2,966	4,348	4,500	4,500
Machine gun, cal.50, HB	121,400	120,170	68,061	10,512	1,656	2,656	3,339	1,761	2,499	4,000	5,000
ARTILLERY											
Gun, 20mm, AC	141,170	125,388	47,473	17,978	2,826	3,912	4,738	4,097	5,385	6,500	7,110
Gun, 37mm, AC	13,750	13,731	3,683	1,616	267	350	400	349	425	600	717
Gun, 37mm, AA	2,673	2,673	3,500	317	40	51	121	75	160	200	200
Gun, 37mm, tank, M5 & M6	66,230	60,817	20,763	7,369	942	1,496	1,782	1,273	1,900	2,319	2,875
Gun, 37mm, AT, wheeled	16,775	16,775	14,461	3,288	639	394	752	658	1,065	1,250	1,400
Gun, 37mm, AT, self-propelled	8,699	5,380	2,539	157	0	0	0	157	780	576	200
Gun, 40mm, AA, M1 & SP	25,640	12,736	11,100	760	0	65	365	330	445	1,022	1,266
Gun, 57mm, AT, wheeled	8,500	6,500	1,059	180	0	2	75	103	176	210	290
Gun, 57mm, AT, self-prop.	2,286	0	2,054	0	0	0	0	0	Schedule not available		
Mortar, 60mm	17,442	17,442	3,790	1,749	300	379	323	100	600	850	500
Howitzer, 75mm, field & pack	2,023	1,746	1,213	147	0	0	48	29	60	70	85
Howitzer, 75mm, self-propelled	2,428	500	1,839	201	47	68	86	0	34	60	60
Gun, 75mm, tank	41,119	40,849	14,190	3,905	533	796	922	1,006	1,025	1,300	1,500
Gun, 75mm, AT, self-prop.	1,350	1,350	50	464	1	101	218	144	180	180	306
Gun, 3", tank	3,102	2,052	115	0	0	0	0	0	0	20	20
Gun, 3", AT, wheeled	100	100	0	0	0	0	0	0	None scheduled		
Gun, 3", AT, self-propelled	6,445	1,580	5,378	0	0	0	0	0	None scheduled		
Mortar, 81mm	6,101	6,101	3,773	1,385	345	286	281	220	431	425	425
Gun, 90mm, AA	7,826	7,525	2,800	541	74	84	137	132	138	162	195
Howitzer, 105mm, wheeled	4,240	4,223	3,035	1,913	367	479	467	275	404	394	163
Howitzer, 105mm, self-propelled	3,686	924	2,782	385	0	177	181	27	None scheduled		
Howitzer, 155mm, new	1,270	950	450	0	0	0	0	0	Starts in Sep '42		
Gun, 155mm, M1	465	465	119	167	28	31	31	28	29	30	40
FIRE CONTROL, AA											
Director, M5 & M6	33,295	18,145	14,891	792	71	144	254	318	375	450	554
Director, M7	3,487	2,487	1,022	124	25	21	27	26	28	29	39
Finder, height	2,101	2,101	942	65	7	18	17	16	24	25	28
Instrument, binaural training	17	17	229	7	0	0	0	0	0	0	0
Instrument, flank spotting	662	608	1,071	381	125	100	24	51	75	75	49
Instrument, observation, BC	2,672	2,672	1,231	46	0	16	6	9	80	100	113
Locator, sound	714	714	2,311	199	20	47	36	33	50	50	32
Rule, flank spotting	222	204	358	204	0	68	0	134	134	0	0
Tester, stereoscopic	1,039	1,039	414	0	0	0	0	0	0	109	100
Trainer, stereoscopic	381	80	261	32	8	5	8	3	2	4	4

Figures include procurement for International Aid and other services.
(a) Quantity accepted prior to January 1, 1942, has been excluded.

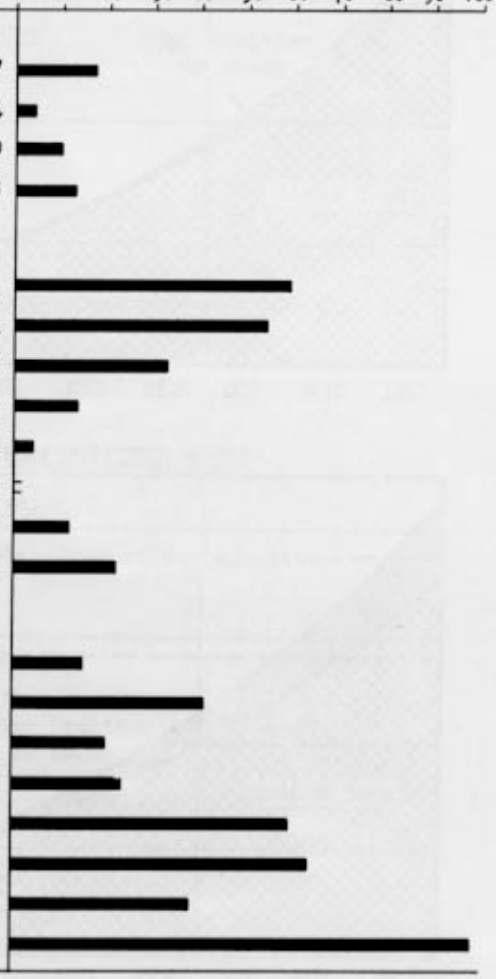
ARTILLERY PRODUCTION RATES - APRIL 30, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

The maximum rates below are estimates of the peak monthly production which will be reached in the future. These monthly peaks are based on the future available output of the facilities manufacturing the various components at the present time. Of the components shown below, estimated production through 1943 falls slightly below objectives of the 40mm gun, the 37mm AT gun mount, and the 105mm howitzer.

MONTHLY PRODUCTION RATES

Item	Maximum rate now planned	April, 1942 Production	
		Rate	Percent of Planned Maximum
ANTIAIRCRAFT			
40mm - Gun	2,100	361	17
Carriage	2,150	80	4
90mm - Gun	1,000	101	10
Mount	1,025	137	13
TANK AND ANTITANK			
37mm - Gun	5,300	3,137	59
Mount, SP	700	376	54
Carriage, Wh	2,300	752	33
57mm - Gun	2,000	278	14
Recoil Mech., SP & Wh	1,600	65	4
Carriage, SP	400	0	0
Carriage, Wh	1,100	126	12
75mm - Gun, Tank	4,200	922	22
GENERAL PURPOSE			
75mm - Howitzer, SP & Wh	520	79	15
Recoil Mechanism	402	165	41
Carriage, Pack	195	38	20
Carriage, Wheeled	150	34	23
105mm - Howitzer, SP & Wh	695	410	59
Recoil Mechanism	725	456	63
Carriage, SP	375	144	38
Carriage, Wh	478	467	98

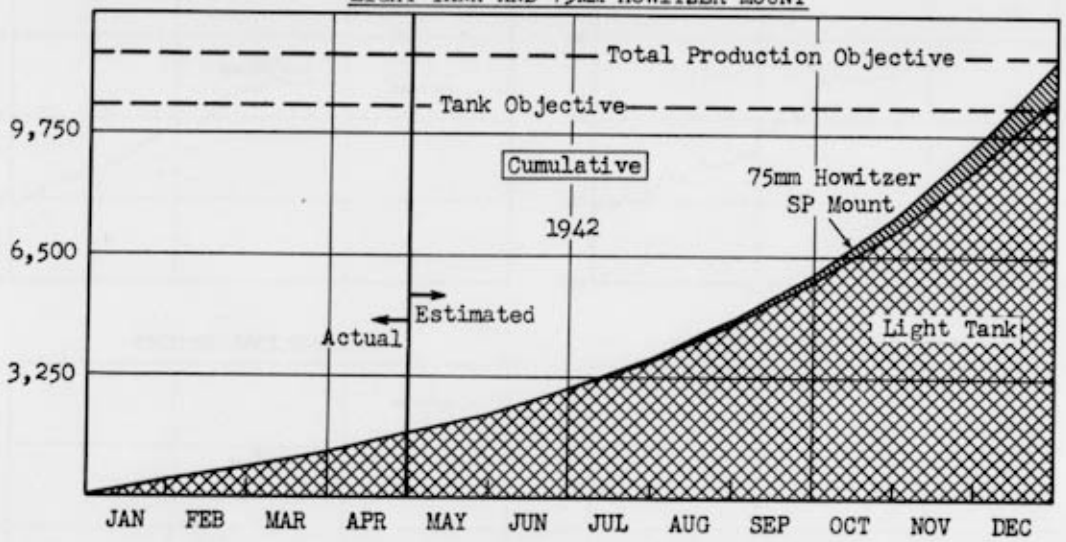


TANKS AND SELF-PROPELLED MOUNTS - APRIL 30, 1942

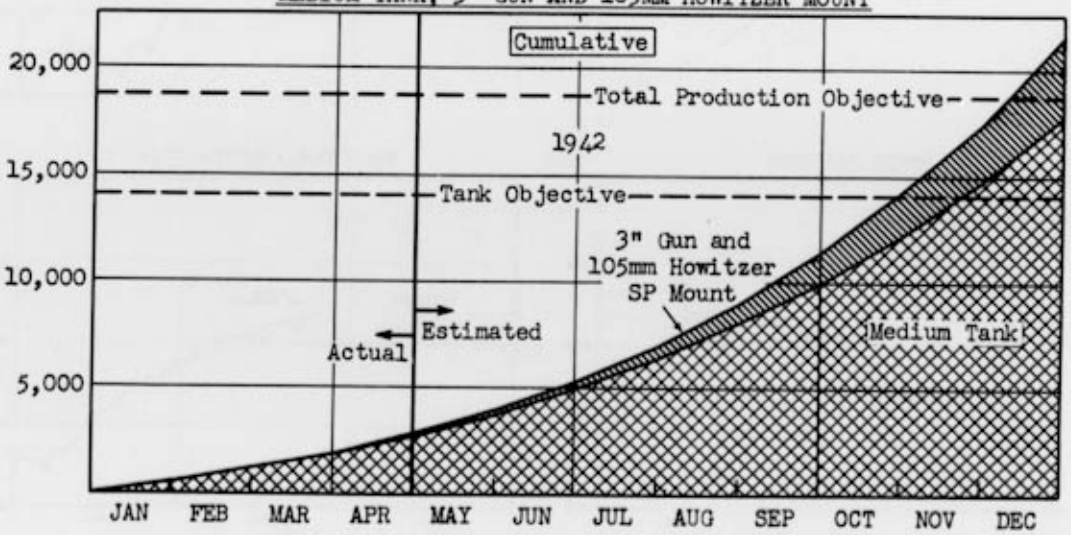
Source of Information: Ordnance Department and Statistical Service, SOS

Although the tank production objectives for the calendar year 1942 were reduced, a large quantity of self-propelled artillery (artillery weapons mounted on tank chassis) was added to the program. Both light and medium tank production is expected to exceed the 1942 objective. Present self-propelled artillery production estimates fall short of 1942 objectives.

LIGHT TANK AND 75MM HOWITZER MOUNT



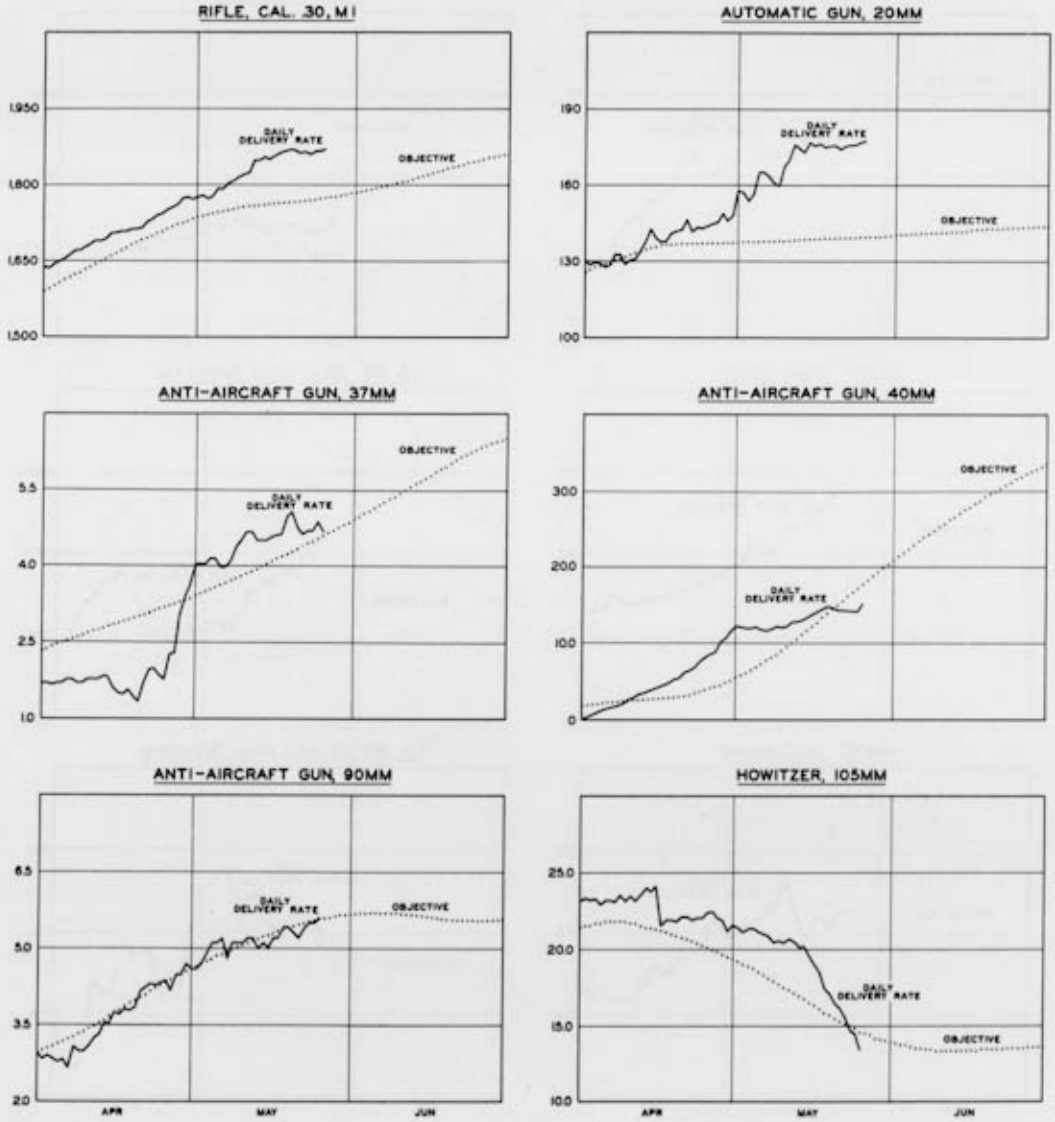
MEDIUM TANK, 3" GUN AND 105MM HOWITZER MOUNT



DAILY DELIVERY RATES - ORDNANCE PROCUREMENT - MAY 25, 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 DELIVERY RATES - ORDNANCE PROCUREMENT - MAY 25, 1942

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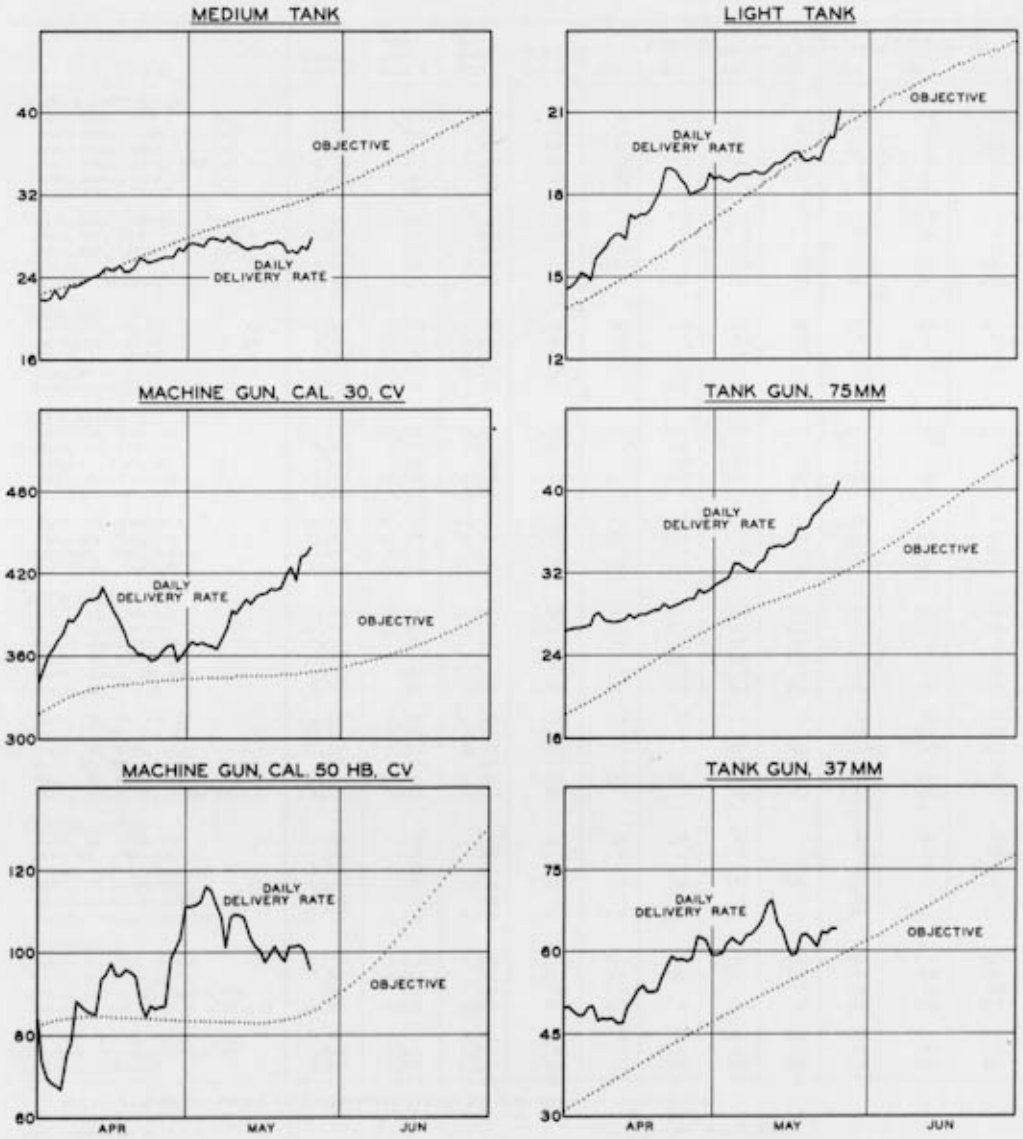


TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE AMMUNITION ITEMS ON ARMY SUPPLY PROGRAM - MAY 25, 1942

Source of Information: Ordnance Department

(Figures in thousands)

Item	Authorized *	Under contract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 25	Feb	Mar	Apr	May 1-25	May	Jun	Jul
BOMBS & PYROTECHNICS											
Bomb, frag., 20# (a)	1,226	1,226	2,157	260	79	110	0	0	228	200	250
Bomb, chem., 100# (ab)	1,181	845	2,762	98	14	25	31	26	51	90	54
Bomb, demo., 100# (a)	5,959	5,013	1,635	627	27	279	137	135	133	75	120
Bomb, demo., 250#, 300# (a)	4,921	2,513	1,351	201	29	39	44	34	35	50	75
Bomb, demo., 500# (a)	1,629	1,245	557	199	55	23	46	25	34	40	50
Bomb, demo., 1000# (a)	1,160	503	707	20	3	(c)	2	8	9	10	19
Bomb, demo., 2000# (a)	191	191	43	3	0	0	0	0	(c)	2	6
Bomb, SAP, 500# (a)	1,257	756	692	0	0	0	0	0	7	30	76
Bomb, SAP, 1000# (a)	548	244	257	0	0	0	0	0	0	3	18
Flares	2,322	876	2,457	27	(c)	5	11	10	253	185	183
Signals, aircraft	7,642	3,036	5,004	252	92	62	40	20	625	799	335
SMALL ARMS											
Cartridge, cal.30 **	16,821	15,169	9,178	1,481	186	306	418	388	511	559	639
Cartridge, cal.45 **	6,590	2,196	3,297	283	49	66	74	50	71	77	88
Cartridge, cal.50 **	5,618	5,046	2,830	227	28	45	58	70	100	137	170
Link, metallic belt, cal.30 **	4,929	2,006	2,573	179	35	35	41	38	46	66	83
Link, metallic belt, cal.50 **	5,547	3,928	2,765	392	62	101	100	86	129	146	167
MINOR CALIBER											
Cartridge, 20mm, AC	235,332	188,290	135,467	23,025	2,963	3,592	6,127	4,197	4,966	10,250	13,900
Shell, HE, 37mm, AC	9,510	6,578	2,419	889	228	441	49	151	451	0	0
Shot, AP, 37mm, AC	544	544	171	61	0	12	22	27	28	25	10
Shell, HE, 37mm, AA	17,255	16,255	6,401	3,344	910	383	534	442	840	400	400
Shot, AP, 37mm, AA	2,016	2,016	1,215	0	0	0	0	0	125	75	170
Shell, HE, 37mm, T & AT	51,672	21,706	14,329	1,451	74	432	466	479	1,009	1,000	1,250
Shot, AP, 37mm, T & AT	75,413	46,878	26,249	5,391	591	1,011	1,905	1,561	1,485	2,850	3,000
Canister, 37mm, T & AT	5,208	4,103	1,853	79	0	0	79	0	271	275	250
Shell, HE, 40mm, AA	70,989	24,218	24,360	457	108	150	153	46	157	500	1,000
MEDIUM CALIBER											
Shell, HE, 75mm gun	22,976	7,559	10,808	1,881	327	473	596	225	471	532	1,100
Shot, AP, 75mm gun	23,546	22,996	7,187	1,482	336	227	506	411	703	750	750
Shell, smoke, WP, 75mm gun (a)	1,532	476	154	260	34	0	88	67	0	0	0
Shell, HE, 75mm how.	15,268	8,469	7,527	2,132	0	641	505	659	796	603	604
Shell, smoke, WP, 75mm how.	1,793	618	847	2	0	0	0	2	80	40	60
Shell, HE, 3", AA	1,662	1,662	1,998	1,096	147	226	404	114	104	188	110
Shell, HE, 3", T & AT	4,738	3,581	842	30	0	15	0	0	58	50	100
Shot, AP, 3", T & AT	13,465	6,830	2,314	0	0	0	0	0	85	200	300
Shell, HE, 90mm, AA	11,816	8,316	6,818	719	97	0	177	214	153	345	500
Shot, AP, 90mm, AA	675	675	253	0	0	0	0	0	0	0	10
Shell, HE, 105mm how.	32,792	26,261	11,065	2,936	463	810	752	365	699	1,102	1,208
Shell, smoke, WP, 105mm how.	4,149	2,421	1,274	137	0	19	95	23	43	100	100
SEPARATE LOADING											
Shell, HE, 155mm gun (a)	1,403	1,376	360	141	46	55	20	0	51	66	50
Shot, AP, 155mm gun	280	263	237	1	0	0	0	1	9	14	27
Charge, prop., 155mm gun	1,813	1,668	572	519	103	132	175	76	95	100	75
Shell, HE, 155mm How. (a)	9,496	7,937	2,166	1,681	310	319	282	384	109	90	190
Shell, smoke, WP, 155mm how. (a)	782	385	109	10	0	10	0	0	60	0	0
Charge, prop., 155mm how.	10,453	10,453	2,768	2,210	779	646	298	247	372	491	450
MISCELLANEOUS											
Shell, HE, 60mm mortar	28,877	19,972	9,508	3,311	356	591	1,120	641	730	950	950
Shell, HE, 81mm mortar	7,769	7,273	4,723	1,613	263	402	465	354	735	550	530
Shell, smoke, WP, 81mm mortar	765	745	550	79	0	0	2	77	98	75	50
Grenade, hand, frag. & offensive	12,911	12,839	2,992	270	212	0	0	0	250	600	870
Grenade, rifle, cal.30 & cal.50	3,707	3,707	3,364	559	0	80	280	140	219	520	770
Grenade, HC, smoke, Od & AC	6,629	6,582	1,648	34	0	(c)	34	0	81	90	90
Mine, antitank	6,026	5,096	2,492	738	49	125	203	359	648	300	300

Figures include procurement for International Aid and other services.
* Quantity accepted prior to January 1, 1942, has been excluded.
** Figures in millions

(a) Unfused.
(b) Unfilled.
(c) Less than 1,000.

MONTHLY ACCEPTANCES - AMMUNITION - APRIL 30, 1942

Source of Information: Ordnance Department

(All figures in thousands)

	AIRCRAFT						INFANTRY							
	Bomb Frag. 20# 23#	Bomb Demol. 100# 250# 300#	Bomb Demol. 500# 1000# 2000#	Bomb Chem. 30# 100#	Cartridge 20mm	Shell and Shot 37mm	Cartridge Cal. .30	Cartridge Cal. .45	Cartridge Cal. .50	Shell, Shot & Canister 37mm T & AT	Mortar HE 60mm	Mortar HE 81mm	Grenade HE Frag.	Mine AT
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	185,590	49,180	27,827	666	356	263	212	49
Mar	110	318	23	58	3,592	453	306,171	65,676	44,775	1,443	591	402	0	125
Apr	0	181	48	31	6,127	71	417,248	74,404	57,993	2,450	1,120	465	0	203

	ANTIAIRCRAFT						ARTILLERY								
	Shell 37mm	Shell 40mm	Shell 3" New	Shell 3" Renovated	Shell 90mm	Shot 75mm Gun	Shell HE 75mm Gun New	Shell HE 75mm Gun Renovated	Shell HE 75mm How New	Shell HE 75mm How Renovated	Shell HE 105mm How	Shell HE 155mm Gun New	Shell HE 155mm Gun Renovated	Shell HE 155mm How New	Shell HE 155mm How Renovated
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	Com-	19	0	9	92	21
Dec	301	0	225	.4	188	0	294	79	0	plete	272	0	Com-	89	23
1942													plete		
Jan	1,075	0	205	0	231	2	260	72	346		546	20		186	15
Feb	910	108	147	0	97	336	327	44	10		463	46		310	20
Mar	383	150	226	6	0	227	473	Com-	641		810	55		319	9
Apr	534	153	404	(A)	177	506	596	plete	505		752	20		282	(A)

NOTE: ITEMS INCLUDE ARMY, NAVY AND INTERNATIONAL AID.
(A) NOT AVAILABLE.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - BASIC ITEMS OF SUPPLY

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS OF SUPPLY

A selection of six representative basic items of supply has been made to show acceptance progress during the first three quarters of May. The following table shows the quarterly increments and the percentage increase or decrease over the previous quarter in each item:

Item	Acceptances during quarter-monthly periods ending			Percent of change	
	May 8	May 15	May 23	May 15 over May 8	May 23 over May 15
Suit, one-piece, HBT	114,912	120,348	162,367	+ 5	+ 35
Undershirt, cotton	638,105	1,035,779	1,428,463	+ 62	+ 38
Suspender, belt	63,900	95,860	130,140	+ 50	+ 36
Boots, rubber, knee	8,174	4,493	3,159	− 45	− 30
Trousers, wool, o.d.	186,890	122,226	104,999	− 35	− 14
Can, galv., 32-gal.	1,320	876	0	− 34	−100

The three items which show increases in the second and third quarter-monthly periods are also the ones which are making excellent progress in relation to the entire year's requirements. At the present rate, the requirements of these items for the current year will be fulfilled at an early date.

The decreases in the three other items during these same periods are due to several reasons. In the case of Boots, rubber, knee there have been no new contracts awarded recently, and the balance due on the current contracts will be completed by the end of May. The reason for the decline in the deliveries of Cans, galvanized, 32-gallon is the difficulty in securing the necessary materials because of the relatively low priority rating that has been assigned to the Quartermaster covering these materials.

Deliveries of Trousers, wool, o.d. have been lagging due to the high rate of rejections on current contracts, the completion of old contracts, and the inability to secure immediate deliveries from new contractors. Conflicting civilian contracts in some cases have been an additional factor.

BASIC ITEMS OF GENERAL SUPPLY

In the diagram on page 14, Progress Toward 1942 Required Production, the selected items of General Supply stand out because of the small percentage of the objective delivered as contrasted with the other groups in this chart. These items are representative of the group as a whole. Of the 17 items in the Status Report, 13, or 76 percent are below the objective and 60 percent had deliveries of less than 10 percent of 1942 requirements.

The prime cause of delinquency has been material shortage due in many instances to low priority ratings. Another related difficulty has been the constant substitution of materials which has necessitated changes in specifications and in productive equipment, thereby delaying production.

TABULAR SUMMARY - STATUS OF SELECTED Q.M. ITEMS ON ARMY SUPPLY PROGRAM - MAY 23, 1942

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

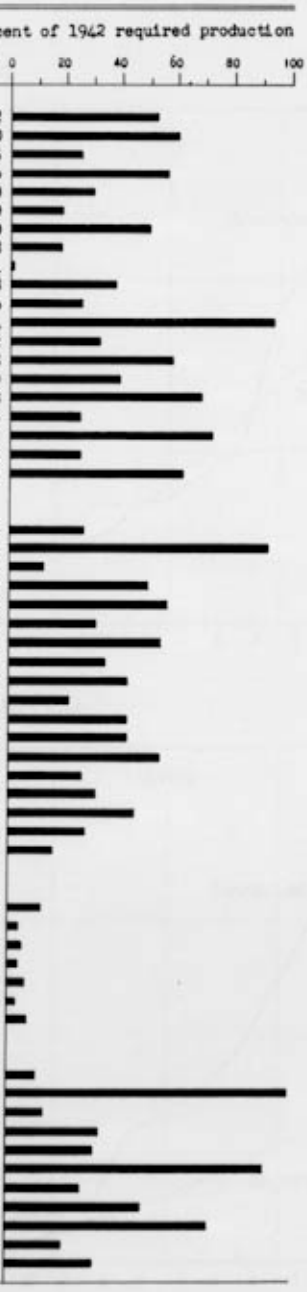
Item	Author-ized **	Under con-tract **	Req'd. prod. 1942	Accepted					Estimated		
				Jan 1-May 23	Feb	Mar	Apr	May 1-23	May	Jun	Jul
CLOTHING	Thou	Thou	Thou								
Belt, web, waist	8,786	8,786	6,545	3,408,500	590,000	825,000	539,000	629,500	528,400	862,500	925,000
Boots, rubber, knee	183	183	291	174,290	51,671	22,942	52,808	15,826	36,483	0	0
Coat, wool, serge	7,901	7,901	8,777	2,182,510	339,511	473,466	625,027	408,189	574,205	616,999	716,500
Drawers, cotton	34,205	33,424	17,592	9,853,468	1,763,311	1,323,338	2,041,992	2,429,026	2,173,875	2,956,320	3,558,180
Gloves, wool	10,413	9,611	7,938	2,405,000	501,948	582,047	484,859	377,448	295,598	397,060	958,020
Jacket, field	19,553	11,837	10,789	2,046,452	267,245	355,893	547,761	420,612	410,650	646,160	1,330,590
Jacket, HBT	13,056	11,476	6,216	3,088,800	457,690	492,009	819,593	711,758	1,094,380	1,466,000	1,377,800
Leggings, canvas, dsmtd.	18,817	13,849	11,430	2,091,325	330,812	490,507	489,626	427,989	1,772,889	2,457,800	2,670,000
*Liner, helmet, steel	7,887	7,887	7,381	91,170	0	0	2,010	89,160	1,141,436	708,000	764,500
Overcoat, wool, o.d.	4,488	4,488	4,616	1,744,756	268,975	312,303	558,510	266,997	301,041	384,607	140,200
*Raincoat, mtd. & dsmtd.	7,927	6,236	5,272	1,364,124	269,728	402,016	303,974	139,755	0	105,071	356,400
Shirt, cotton	21,461	16,610	7,321	6,910,356	1,328,128	1,397,464	2,166,708	1,409,950	1,467,441	1,904,852	800,000
Shirt, flannel	17,930	17,930	12,037	3,832,715	712,795	772,277	925,917	670,079	1,154,250	1,676,492	2,891,969
*Shoes, service	23,567	13,739	14,065	8,135,127	1,459,905	2,536,131	2,027,530	1,881,774	1,182,438	1,847,903	1,240,097
Socks, cotton	18,513	18,513	13,105	5,164,047	1,451,981	1,720,053	247,272	145,613	0	0	1,171,705
Suit, one-piece, HBT	6,464	6,464	2,603	1,768,408	246,084	363,687	525,844	397,627	0	839,992	704,800
Trousers, cotton, khaki	32,356	21,468	15,513	3,881,716	765,917	782,160	490,237	763,410	759,474	2,033,150	1,986,450
Trousers, HBT	11,176	11,176	4,943	3,550,827	547,685	767,009	870,185	808,352	906,018	1,330,000	1,346,250
Trousers, wool, o.d.	18,360	14,788	13,429	3,361,985	517,591	778,318	904,674	414,115	1,087,644	1,297,902	925,818
Undershirt, cotton	41,468	41,468	18,069	11,153,036	1,745,905	1,638,450	2,606,338	3,102,347	3,577,452	4,140,356	2,485,100
EQUIPAGE											
Bag, barrack	14,057	13,745	10,159	2,678,457	394,769	383,572	855,544	752,414	0	563,588	40,000
Bag, canvas, w. ster.	125	125	38	35,136	5,088	9,796	2,604	6,678	11,154	16,000	13,500
*Bar, mosquito	12,443	2,072	5,830	703,529	67,790	129,809	250,508	222,833	407,238	659,500	272,000
*Belt, cartridge, dsmtd.	4,192	4,192	1,884	927,130	94,850	133,520	219,290	239,840	1,059,340	468,000	403,000
*Belt, pistol	8,561	6,050	2,447	1,369,294	232,600	392,379	353,209	338,207	0	374,602	942,200
Blanket, wool, o.d.	23,144	14,015	11,844	3,686,876	673,359	729,805	769,459	680,750	1,291,433	716,960	732,700
*Can, meat	11,747	8,908	5,747	3,102,144	583,500	1,477,586	466,688	555,960	1,486,744	1,480,000	840,000
*Canteen, M-1910	11,495	5,885	4,835	1,628,970	295,875	360,375	234,200	359,395	784,050	300,000	850,000
*Carrier, pack	5,251	5,251	2,504	1,060,977	143,400	138,409	112,391	412,550	886,257	525,000	525,000
Comforter, cotton filled	14,142	14,142	7,238	1,619,618	174,176	361,159	475,442	358,106	624,242	1,474,830	1,680,900
*Haversack	7,106	7,106	2,404	1,003,067	175,665	175,786	149,032	223,462	762,793	470,000	760,000
*Headnet, mosquito	5,329	1,407	1,641	683,637	20,903	187,035	312,594	156,515	0	70,004	200,000
*Pouche, first-aid	9,892	9,892	4,627	2,492,792	480,100	505,775	453,775	506,346	894,020	902,000	1,069,000
Roll, bedding, w.proofed	564	552	208	55,000	13,450	16,940	15,488	4,172	89,000	26,000	25,000
*Sling, carrying, mg.	115	115	183	57,016	1,750	0	0	11,500	12,885	19,000	0
*Suspender, belt	2,503	2,503	2,772	1,257,740	132,600	73,340	727,650	289,900	277,000	557,000	489,000
Tent, pyramidal	1,642	1,642	503	141,879	1,200	34,118	145,228	60,843	12,065	14,765	2,175
*Tent, shelter-half	14,036	12,949	5,704	893,763	124,541	207,660	225,098	196,356	1,068,080	1,338,567	1,591,463
GENERAL SUPPLIES											
Can, galvanized, 10-gal.	40	40	172	21,415	1,865	4,608	5,703	14,742	13,317	6,000	0
Can, galvanized, 32-gal.	57	57	436	15,452	0	5,931	7,325	2,196	23,539	0	0
*Container, water, 5-gal.	742	742	1,245	59,508	13,214	1,400	5,030	26,666	425,420	166,250	122,820
Lantern, gasoline	39	34	307	11,406	0	2,462	5,393	51	0	10,514	0
*Range, field	21	21	25	1,524	165	55	0	134	1,624	1,978	15,209
Scabbard, rifle	104	104	355	10,174	3,772	5,715	0	8,621	15,810	28,032	41,000
Stove, tent	482	482	580	425,514	77,795	163,921	67,992	43,604	72,150	100,000	100,000
MOTOR VEHICLES											
Ambulances	13	12	11	1,132	142	38	438	185	330	1,360	1,900
Passenger cars	11	10	6	10,487	5,359	4,540	64	2		complete	
Motorcycles	84	57	77	10,288	2,694	2,434	397	2,168	3,201	4,752	5,252
Trucks, 1/4-ton	195	159	179	58,331	6,421	16,412	17,574	10,538	14,400	14,400	17,880
Trucks, 1/2 & 3/4-ton	94	84	79	24,466	5,103	7,015	3,907	2,913	3,600	5,445	5,740
Trucks, 1-1/2-ton	76	68	74	67,266	3,170	5,367	6,191	5,849	4,000	4,030	5,090
Trucks, 2-1/2-ton	233	164	217	57,020	5,601	8,550	12,081	10,470	12,181	14,836	17,118
Trucks, 4 & 5-ton	13	12	9	4,233	829	562	953	891	1,505	1,313	1,300
Trucks, 6-ton & over	8	7	3	2,048	212	144	293	443	75	500	496
Semi-trailers	8	5	8	1,563	107	149	556	551	674	285	234
Trailers	54	53	45	13,808	268	2,498	4,534	6,290	9,315	9,149	9,810

* Figures include procurement for International Aid and Navy.
** Quantity delivered prior to January 1, 1942 has been excluded.

Q. M. PROCUREMENT - PROGRESS TOWARD 1942 REQUIRED PRODUCTION - MAY 23, 1942

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

Item	Required production 1942	Delivered Jan 1 to May 23	Percent of 1942 required production (%)
CLOTHING			
Belt, web, waist	6,545,279	3,408,500	52
Boots, rubber, knee	291,321	174,290	60
Coats, wool, serge	8,777,489	2,182,510	25
Drawers, cotton	17,591,908	9,853,468	56
Gloves, wool	7,938,077	2,405,000	30
Jacket, field	10,788,840	2,046,452	19
Jacket, HBT	6,215,846	3,088,800	50
Leggings, canvas, dismtd.	11,429,852	2,091,325	18
*Liners, helmet, steel	7,380,746	91,170	1
Overcoat, wool, o.d.	4,615,664	1,744,756	38
*Raincoat, mtd. & dismtd.	5,271,949	1,364,124	26
Shirt, cotton, khaki	7,321,012	6,910,356	94
Shirt, flannel	12,036,908	3,832,715	32
*Shoes, service	14,064,752	8,135,127	58
Socks, cotton	13,105,044	5,164,047	39
Suit, one-piece, HBT	2,602,509	1,768,408	68
Trousers, cotton, khaki	15,513,484	3,881,716	25
Trousers, HBT	4,943,496	3,550,827	72
Trousers, wool, o.d.	13,429,384	3,361,985	25
Undershirt, cotton	18,068,538	11,153,036	62
EQUIPAGE			
Bag, barrack	10,158,854	2,678,457	26
Bag, canvas, water, ster.	38,330	35,136	92
*Bar, mosquito	5,829,836	703,529	12
*Belt, cartridge, dismtd.	1,884,136	927,130	49
*Belt, pistol	2,446,599	1,369,294	56
Blanket, wool, o.d.	11,843,671	3,686,876	31
*Can, meat	5,746,905	3,102,144	54
*Canteen, M-1910	4,835,434	1,628,970	34
*Carrier, pack	2,504,253	1,060,977	42
Comforter, cotton filled	7,238,251	1,619,618	22
*Haversack	2,404,262	1,003,067	42
*Headnet, mosquito	1,640,676	683,637	42
*Pouche, first aid	4,626,829	2,492,792	54
Roll, bedding, water proofed	208,117	55,000	26
*Sling, carrying, mg.	182,711	57,016	31
*Suspender, belt	2,772,103	1,257,740	45
Tent, pyramidal	502,501	141,879	28
*Tent, shelter-half	5,704,439	893,763	16
GENERAL SUPPLIES			
Can, galvanized, 10-gallon	172,224	21,415	12
Can, galvanized, 32-gallon	436,490	15,452	4
*Container, water, 5-gallon	1,244,776	59,508	5
Lantern, gasoline	307,325	11,406	4
*Range, field	24,857	1,524	6
Scabbard, rifle	354,851	10,174	3
Stove, tent	579,813	425,514	7
MOTOR VEHICLES			
Ambulances	11,337	1,132	10
Passenger cars	5,630	10,487	186
Motorcycles	77,064	10,288	13
Trucks, ¼-ton	179,049	58,331	33
Trucks, ½-ton & 3/4-ton	79,038	24,466	31
Trucks, 1½-ton	74,259	67,266	91
Trucks, 2½-ton	216,554	57,020	26
Trucks, 4 & 5-ton	8,775	4,233	48
Trucks, 6-ton & over	2,877	2,048	71
Semi-trailers	7,720	1,563	20
Trailers	44,529	13,808	31



* International Aid and Navy deliveries included.

Q. M. PROCUREMENT - SELECTED ITEMS OF CLOTHING AND EQUIPAGE - MAY 23, 1942

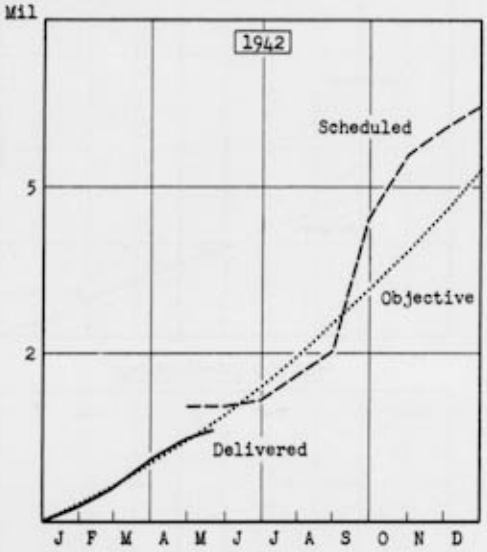
Source of Information: Statistics Branch, Office of the Quartermaster General

RAINCOAT, MTD. & DISMTD.

A total of 1,364,124 raincoats was delivered from January 1 to May 23, 1942, this being equivalent to 26 percent of 1942 requirements and 22 percent of contracts scheduled for the full year. Related to cumulative requirements and schedules for the year to date, deliveries equal 91 percent and 79 percent, respectively.

The 1942 requirements were reduced from 8,379,313, as shown in the February Status Report to 5,271,949, as shown in the April Status Report. This reduction of 3,107,364 accounts for the scheduled contracts being larger than the 1942 requirements. The average delivery rate for the 4-3/4 months is 287,184 per month. If this rate is maintained during the remainder of the year, deliveries for the full year will total 3,446,208 or 1,825,741 short of requirements.

Difficulties encountered in the procurement of this item are traceable primarily to the problem of obtaining the material used for the water-proofed coating applied to the fabric base. Rubber originally was used for this purpose but because of the need of conserving crude rubber, a synthetic resin material has lately been employed as a substitute.

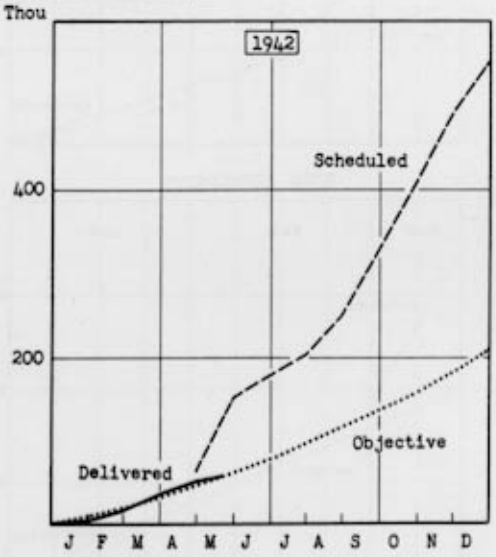


ROLL, BEDDING, WATER PROOFED

From January 1 through May 23, 1942, 26 percent of the 1942 requirements and 10 percent of the scheduled contracts had been delivered. The 55,000 bedding rolls delivered to date are equivalent to 93 percent of the May 23 cumulative requirements and 43 percent of the cumulative schedules.

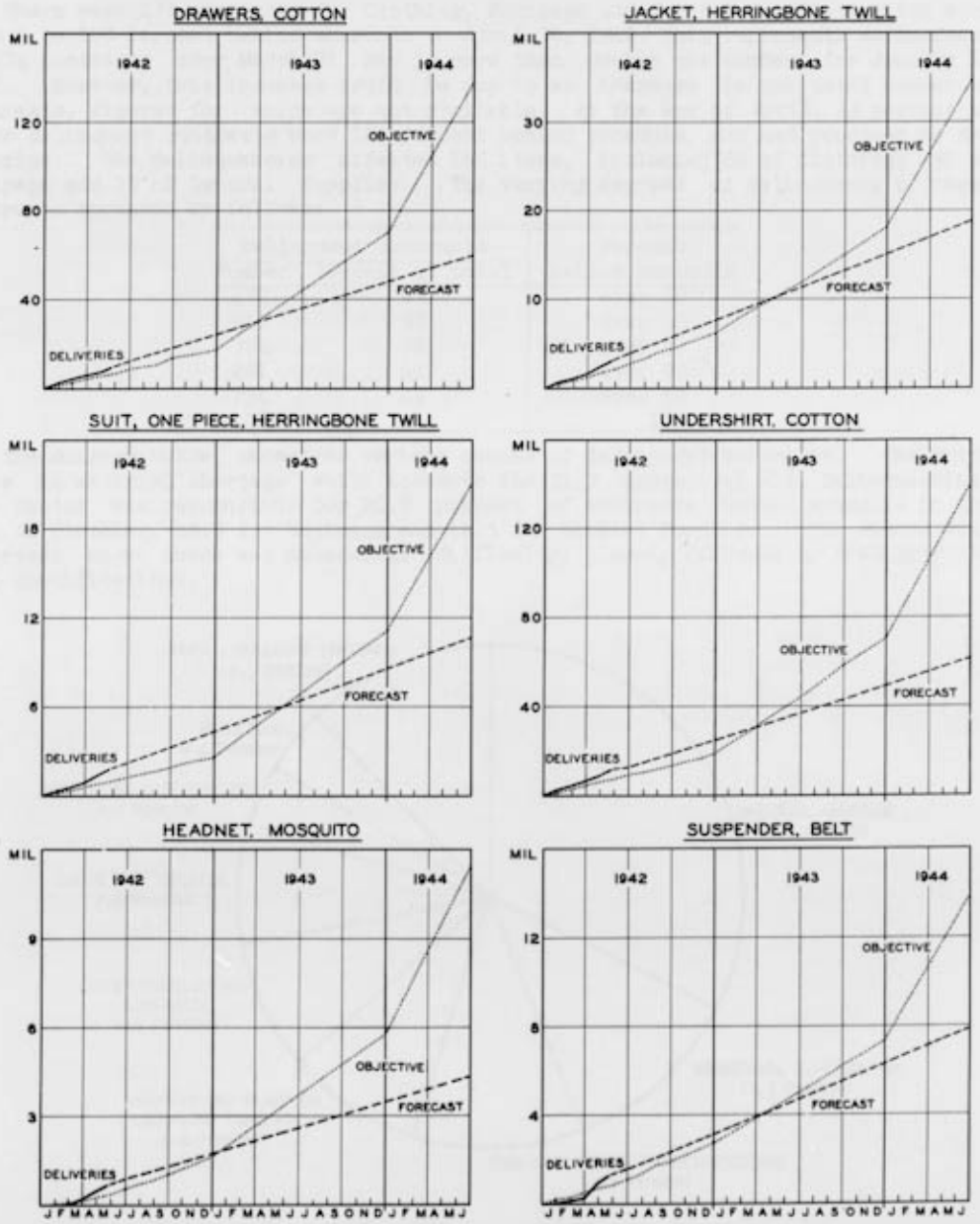
A reduction of 118,250 in the requirements was made in the April Status Report. Contracts already awarded and scheduled for delivery in 1942 amount to 552,000 which is a quantity greater than the total requirements through 1943. The average delivery rate for the 4-3/4 months is 11,579 per month. If this rate is maintained for the remainder of the year the total 1942 deliveries will be 138,948, as contrasted with the revised 1942 requirement figure of 208,117.

The total weight of down and feathers required for the production of the 552,000 bedding rolls is 2,208,000 pounds. The estimated available stock of a mixture of down and feathers suitable for Quartermaster bedding rolls is 1,500,000 pounds, and the estimated production for the remainder of the year is an additional 497,520 pounds. Thus, the combined total of the two estimates is not sufficient to cover the required quantity.



Q. M. PROCUREMENT - DELIVERIES VERSUS FUTURE OBJECTIVES OF SELECTED ITEMS

Source: Statistics Branch, Office of the Quartermaster General



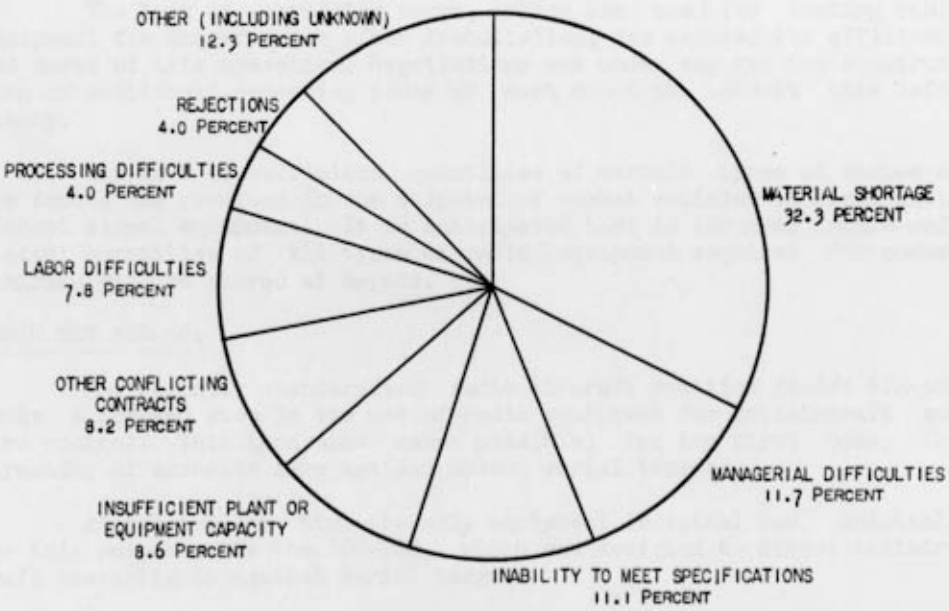
DELINQUENT CONTRACTS - CLOTHING, EQUIPAGE AND GENERAL SUPPLIES - APRIL 30, 1942

Source: Statistics Branch, Office of the Quartermaster General

There were 477 contracts for Clothing, Equipage and General Supplies, which were from 5 to 100 percent behind schedule on April 30, 1942. This represents an increase of 174 contracts over March 31 and is more than double the number for January 1, 1942. However, this increase could be due to an increase in the total number of contracts, figures for which are not available. At the end of April, 41 percent of these delinquent contracts were 100 percent behind schedule, and had produced no deliveries. The delinquencies affected 165 items, including 89 of Clothing, 57 of Equipage and 19 of General Supplies. The varying degrees of delinquency of these contracts appeared as follows:

Delinquent contracts		Percent
Number	Percent of total	behind schedule
472	99	over 10
415	87	over 30
372	78	over 50
291	61	over 70
234	49	over 90
196	41	100

The diagram below shows the various causes of delinquent contracts. The chief cause is material shortage which accounts for 32.3 percent of all delinquencies. This factor was responsible for 20.8 percent of contracts behind schedule in the case of Clothing, 45.8 for Equipage and 44.5 for General Supplies. The second most important known cause was managerial difficulty, closely followed by inability to meet specifications.



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JUNE 4, 1942

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

INSTALLATION OF COMMUNICATION EQUIPMENT IN VEHICLES

The greatly accelerated rate of production of combat vehicles has necessitated complete modification of the system under which radio equipment is installed. This equipment was formerly shipped to the field and installed in vehicles by the using organizations. New organizations do not possess the necessary qualified personnel and the Signal Corps has been forced to organize a staff of technicians for this purpose.

To further facilitate the equipping of combat vehicles with accessories, the Ordnance Department is establishing Intermediate Depots at Chester, Pennsylvania; Toledo, Ohio; Memphis, Tennessee; and Richmond, California. Combat vehicles, armament, and signal equipment are shipped to these centrally located points and all equipment is installed prior to distribution of vehicles.

The Intermediate Depots at Chester and Toledo are now in operation and several thousand vehicles have already passed through them. Approximately three hundred tanks have been equipped with signal equipment. Space has been allocated to the Signal Corps at each of these depots and a Signal Corps Officer will supervise civilian technicians in the installation of signal equipment.

The lack of screening rooms, which are used for testing radio equipment for interference after installation, has reduced the efficiency and speed of this operation. Negotiations are under way for the construction of additional screening rooms at each depot to correct this deficiency.

The lack of sufficient quantities of certain types of radios at the depots has resulted in the shipment of combat vehicles to field units without signal equipment. It is anticipated that in the near future sufficient quantities of all types of radio equipment required for combat vehicles will be stored at depots.

RADIO SET SCR-584

The recently standardized radio aircraft position finder SCR-584 marks a forward step in the use of radio equipment for antiaircraft gun fire control. This apparatus makes possible, for the first time, the directing of accurate fire against unseen aerial targets.

At the present time the only equipment in actual use, adaptable for this purpose, is the SCR-268, which was designed to direct antiaircraft searchlights against aerial targets.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - (Continued)

There was recently developed and placed under procurement by the Signal Corps the SCR-541 as a replacement for the SCR-268. In view of the fact that the advantages of the SCR-541 over the SCR-268 were not great, and in compliance with the War Department policy of keeping the number of types of equipment to a minimum, it has been decided to cancel the production of this set. The procurement of the SCR-268 will be increased to meet the requirements of the SCR-541, pending volume production of the new SCR-584. Arrangements are being made for the reallocation of materials and manufacturing facilities previously allotted to the SCR-541 to the manufacture of the SCR-584.

There are 2,750 Radio Sets SCR-584 to be procured and the first production of this item is expected in January, 1943, with actual quantity production to start in March. A pilot model has been completed and tests have proven it to function satisfactorily.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM - MAY 22, 1942

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

Item	Author-izeds	Under con-tracts	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
AIRCRAFT RADIO COMM. EQUIP.											
Frequency Meter SCR-211	74,347	74,343	47,538	4,690	369	848	2,328	926	2,000	3,000	3,500
Interphone Equipment											
RC-27	36,073	34,473	26,634	3,577	850	100	1,256	1,071	750	842	950
RC-34	3,840	3,840	43,456	0	0	0	0	0	300	300	300
RC-36	69,981	69,981		2,970	881	0	1,608	481	800	981	2,050
RC-45	5,183	5,183	2,897	250	0	0	213	37	0	150	191
RC-51	293	293	1,956	187	12	0	175	0	150	50	81
RC-73	21,136	21,136	15,179	0	0	0	0	0	0	0	400
Command Radio											
SCR-183	40,287	18,662	29,883	4,345	740	482	2,153	887	1,600	2,000	2,500
SCR-274	120,289	72,736	96,131	6,928	2,846	1,050	1,738	1,282	2,000	3,000	3,500
SCR-283	8,522	8,522	4,870	1,954	94	481	415	408	800	800	800
SCR-522	66,459	37,094	53,915	950	0	0	501	449	1,600	2,500	3,200
Liaison Radio											
SCR-187	4,123	4,123	2,458	358	110	1	121	29	150	400	400
SCR-287	63,582	39,895	38,895	2,764	256	744	1,054	674	500	800	800
Sea Rescue Radio											
SCR-578	81,784	40,910	52,925	0	0	0	0	0	500	1,000	3,000
AIRCRAFT RADIO NAV. EQUIP.											
Contactor Equipment RC-96	59,698	30,609	46,384	11,762	1,112	1,712	5,465	2,084	2,500	2,500	2,500
Filter Equipment RC-32	271,103	138,686	183,220	24,517	6,040	4,100	11,877	800	5,000	5,000	10,000
Localizer Receiver RC-103	35,560	30,000	47,820	Production starts in August 1942							
Marker Beacon Equipment											
RC-39	4,579	4,479	2,775	712	58	227	331	0	300	400	400
RC-43	67,338	63,790	39,124	16,727	1,386	2,272	7,026	5,165	3,000	3,000	3,000
Radio Compass SCR-269	74,254	45,102	42,895	5,382	1,784	1,408	455	1,494	2,100	2,883	2,500
Absolute Altimeter											
SCR-518	25,342	7,995	17,600	0	0	0	0	0	0	0	75
SCR-618	15,000	15,000		0	0	0	0	0			
AIR-BORNE RADIO DETECTION AND RECOGNITION EQUIPMENT											
SCR-515 US-IFF	40,071	19,681	19,536	152	2	71	7	57	100	500	1,000
SCR-521 US-ASV, MK II	33,186	7,249	7,114	550	30	4	293	188	550	550	650
SCR-520 AI-10	2,471	2,465	1,350	0	0	0	0	0	10	30	60
SCR-540 BR.-AI, MK IV	586	586		5	0	0	5	0	15	30	35
SCR-535 BR.-IFF, MK II	117,249	16,710	51,500	2,013	126	184	768	935	4,000	4,000	4,000
SCR-595 US-IFF, MK III	18,500	18,500		0	0	0	0	0	500	2,500	2,500
SCR-695 US-IFF, MK III-G	18,000	18,000		0	0	0	0	0	0	0	500
ACCESSORY EQUIPMENT-GROUND											
Charging Set SCR-169	3,466	3,466	2,525	0	0	0	0	0	0	10	100
Chest BC-5	32,959	32,959	12,153	1,394	1	0	181	229	100	300	500
Frequency Meter SCR-211	6,065	6,065	3,914	943	116	246	356	0	See Aircraft Set		
Loudspeaker IS-3	26,506	26,506	16,688	40	0	0	40	0	0	0	3,000
Maintenance Equip. ME-13	1,014	1,014	1,014	Recently standardized and contracted.							
Power Unit PE-75	2,304	2,073	1,275	40	0	0	0	40	0	100	200
(Radio) Receiver BC-342	1,188	1,188	25	730	0	15	299	156	300	313	0
Test Set I-56	4,992	4,492	8,768	598	188	126	23	0	100	500	500

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM - MAY 22, 1942

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

Item	Authorized	Under contracts	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
GROUND RADIO COMMUNICATION-RADIO SETS											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,305	1,305	1,434	452	140	98	2	0	0	70	170
SCR-178	1,812	1,812	2,447	420	2	74	344	0	300	300	116
SCR-188	2,652	2,652	2,407	27	27	0	0	0	0	100	300
SCR-197	160	160	2,166	51	0	0	0	0	51	58	0
SCR-299	1,817	1,817		146	0	0	104	42	200	200	200
Intra-Regiment Communication											
SCR-284	17,681	17,681	17,912	0	0	0	0	0	0	700	1,500
SCR-288	1,539	1,539		609	50	54	189	277	600	646	0
SCR-543	1,581	1,581	2,127	0	0	0	0	0	250	250	250
Radio Intelligence, S. C.											
SCR-206	313	301	338	128	36	28	26	2	1	0	50
SCR-243	104	104	98	22	0	0	22	0	25	8	0
SCR-244	372	372	360	0	0	0	0	0	60	60	100
SCR-255	148	148	152	44	0	10	24	4	25	28	0
Short Range Portable											
SCR-194	6,897	6,890	1,463	4,280	2,201	118	820	20	0	100	300
SCR-195	2,514	1,514	1,999	1,324	404	72	124	0	500	500	190
SCR-509	1,582	1,582	596	1,582	0	125	1,315	142	368	0	0
SCR-536	13,433	13,433	14,310	4,824	820	175	507	1,680	500	1,500	2,000
SCR-609	897	897	856	0	0	0	0	0	100	300	330
Animal Pack, Cavalry Field Artillery											
SCR-179	126	126	120	0	0	0	0	0	0	0	6
SCR-203	96	96	0	75	3	0	0	0	0	0	0
Short Range Vehicular Field Artillery											
SCR-608	10,053	10,053	6,197	0	0	0	0	0	280	417	367
SCR-610	24,288	24,288	19,248	0	0	0	0	0	0	150	5,000
SCR-628	2,374	2,374	2,067	0	0	0	0	0	0	166	366
Cavalry, Lightweight											
SCR-511	4,416	4,416	3,869	0	0	0	0	0	400	1,000	1,000
Vehicular and Tank-Armored Force											
SCR-193 AM Type	6,562	6,562	600	76	0	0	0	0	0	300	300
SCR-245 AM Type (a)	6,592	6,592	2,013	951	427	270	127	0	300	600	600
SCR-293 FM Type	872	872	3,799	432	106	151	61	60	200	200	61
SCR-508 FM Type III	16,433	13,433		717	13	0	578	120	787	617	1,333
SCR-294 FM Type	786	786	19,644	445	171	0	72	149	100	100	100
SCR-538 FM Type III	67,773	48,617		1,000	23	312	642	0	2,187	4,033	2,267
SCR-506 AM Type II	13,500	13,500	4,733	0	0	0	0	0	0	0	50
SCR-510 FM Type IV (a)	6,254	6,254	7,172	2,066	0	917	1,000	149	1,500	1,000	1,000
SCR-528 FM Type III	30,504	24,533	12,629	1,594	53	339	931	231	807	1,233	2,667
GROUND-AIR NAVIGATIONAL AID											
Control Net System SCS-2(a)	20	20	20	1	0	0	0	1	2	4	9
Control Net System SCS-3	120	120	53	0	0	0	0	0	0	2	5
Homing Device SCR-277	145	145	28	Production starts in October, 1942.							
Instrument Landing System SCS-51	713	0	41	Development of components not yet completed.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.
(a) Acceptances to date include quantities delivered less minor components.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM - MAY 22, 1942

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

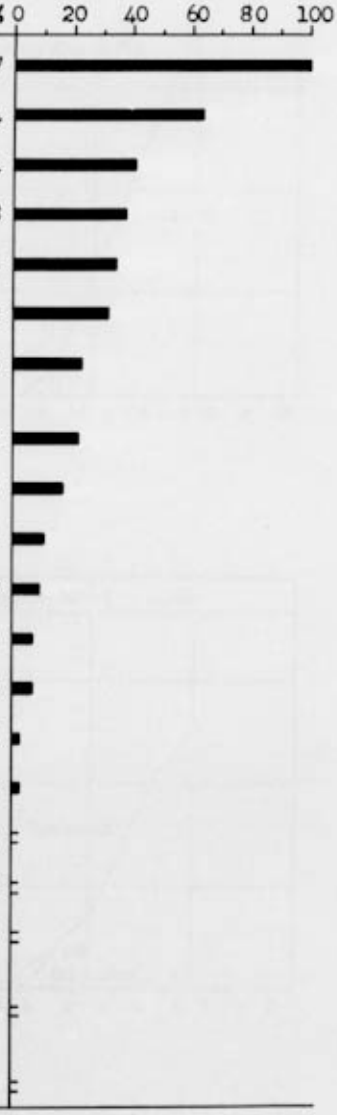
Item	Author-ized*	Under con-tract*	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 22	Feb	Mar	Apr	May 1-22	May	Jun	Jul
GROUND RADIO DETECTION EQUIPMENT											
Aircraft Warning											
SCR-268	1,754	1,752	1,797	171	16	50	46	7	68	95	110
SCR-270	435	435	278	42	2	14	17	8	8	17	31
SCR-271	108	58	70	18	0	5	5	8	4	5	5
Antiaircraft											
SCR-545	273	273	606	New development; production starts in 1943.							
GCI Equipment											
SCR-527	466	400	16	Production starts in November, 1942.							
Gun Laying, Fixed Station											
SCR-296	176	175	218	1	0	0	1	0	0	18	28
Identification											
SCR-532	1,010	10	1,147	10	0	10	0	0	0	0	0
SCR-533	2,025	881	40	11	0	9	0	0	20	45	60
Range Finder											
SCR-547	812	812	812	0	0	0	0	0	0	0	5
Searchlight Control											
SCR-541	1,006	1,006	0	New development; production starts in 1943.							
WIRE COMMUNICATION EQUIP.											
Reel Cart RL-16	8,400	8,400	442	35	0	0	0	35	0	200	500
Reel Equipment CE-11	35,669	35,669	26,777	15,944	0	0	12,451	3,493	5,000	5,000	5,000
Reel Unit RL-26-A	1,503	1,503	274	1,169	16	950	80	123	200	500	552
Reel Unit RL-31	9,114	9,114	11,685	870	64	187	0	0	2,000	2,000	2,444
Switchboard											
BD-71	3,514	3,514	2,327	474	130	0	0	192	100	200	200
BD-72	4,730	4,730	6,470	1,339	177	126	0	113	100	100	200
BD-74-H	94	94	112	35	10	0	0	0	0	0	0
Telegraph Central Office											
Set TC-3	458	458	374	0	0	0	0	0	5	10	20
Telegraph Printer EE-97	1,744	792	2,564	72	0	0	0	72	200	200	500
Telegraph Set TG-5	12,441	12,441	9,013	3,173	282	1,134	526	1,122	500	500	1,000
Telephone EE-8-A	199,557	199,557	135,876	31,254	852	200	1,810	3,196	5,000	10,000	25,000
Telephone Central Office											
Set TC-1	111	106	103	61	51	0	10	0	5	10	10
Set TC-2	198	198	180	50	23	13	0	0	10	20	20
Set TC-4	575	575	1,378	0	0	0	0	0	0	10	20
Test Set EE-65	6,082	6,064	3,372	902	86	0	0	0	100	200	500
Wire W-110 (Thous. miles)	926	901	367	236	53	17	66	76	50	50	85
Wire W-130 (miles)	100,399	100,399	60,218	20,261	4,522	1,818	7,151	5,205	5,000	10,000	20,000
MISCELLANEOUS SIGNAL EQUIP.											
Converter M-209	51,929	51,929	48,513	0	0	0	0	0	0	100	500
Flash Ranging Set GR-4	24	24	31	0	0	0	0	0	5	5	4
Photographic Set PH-261	101	50	51	Recently placed under procurement.							
Signal Lamp Equip. EE-84	1,755	1,755	1,361	558	63	118	0	128	100	200	400
Sound Ranging Set GR-3	86	86	78	20	0	6	5	9	5	5	5
Theodolite ML-47	622	383	46	11	0	0	11	0	25	25	25
Time Interval Apparatus											
EE-85	155	155	127	0	0	0	0	0	0	25	25
EE-86	12	12	112	0	0	0	0	0	6	6	0

* Quantity delivered prior to January 1, 1942, has been excluded.
Figures include procurement for International Aid and other Services.

SIGNAL CORPS - PROCUREMENT PROGRESS - SELECTED ITEMS - INFANTRY TRIANGULAR DIVISIONS
MAY 22, 1942

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

Item	1942 Req'd production	Delivered Jan 1-May 22	%
Reel Unit RL-26-A	274	1,169	427
Wire W-110-B (Miles)	366,762	236,088	64
Signal Lamp Equip. EE-84	1,361	558	41
Radio Set SCR-195, SCR-536	16,309	6,148	38
Telegraph Set TG-5	9,013	3,173	35
Radio Set SCR-177	1,434	452	32
Telephone EE-8-A	135,876	31,254	23
Radio Set SCR-193, SCR-245, SCR-628	4,680	1,027	22
Radio Set SCR-178	2,447	420	17
Frequency Meter SCR-211	51,452	5,633	11
Radio Set SCR-197, SCR-299	2,166	197	9
Reel Unit RL-31	11,685	870	7
Test Set I-56	8,768	598	7
Radio Set SCR-284, SCR-288	17,912	609	3
Telegraph Printer Set EE-97	2,564	72	3
Radio Set SCR-511	3,869	0	0
Radio Set SCR-608	6,197	0	0
Radio Set SCR-610	19,248	0	0
Telegraph Central Office Set TC-3	374	0	0
Telephone Central Office Set TC-4	1,378	0	0



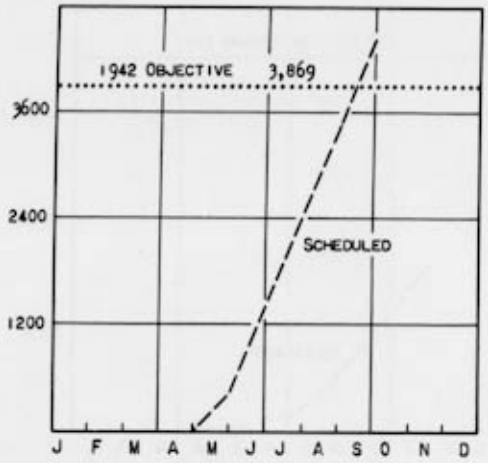
SIGNAL CORPS - PROCUREMENT PROGRESS - SELECTED ITEMS - MAY 31, 1942

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

RADIO SET SCR-511

Lightweight set designed for short range communication for small cavalry detachments and carried as a guidon staff. Operates from self-contained dry batteries and has a range up to 5 miles.

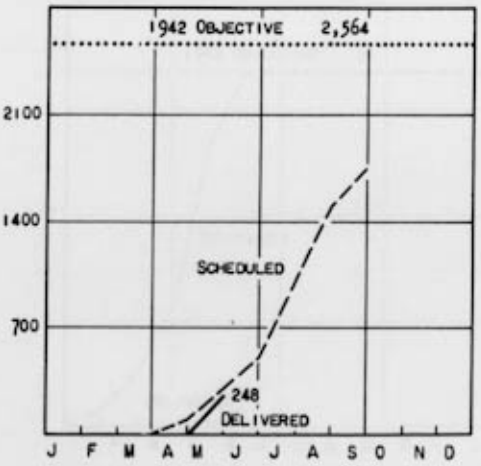
This is a newly developed set with a program of 4,416 now on order. Under present plans, it is anticipated that maximum production of 1,000 per month will be reached in July, 1942, and maintained until completion late this fall.



TELEGRAPH PRINTER SET EE-97

A telegraph printer set for independent single station operation by field organizations to meet any or all conditions in regard to power facilities.

Procurement of 1,744 has been authorized and 792 placed on order. The entire quantity on order has been completed less Line Unit BE-77. Two hundred forty eight of this limiting component were delivered in May and the manufacturer, Kellogg Switchboard and Supply Company, promises continued production at the rate of 100 a week.



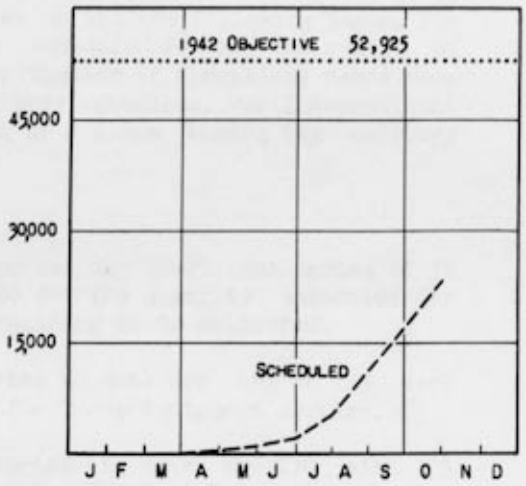
SIGNAL CORPS - PROCUREMENT PROGRESS - SELECTED ITEMS - MAY 31, 1942

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

RADIO SET SCR-578

A small watertight transmitter with a range of 200 miles, designed to be carried on long over-water flights and used for emergency rescue. It is powered by a hand crank operated generator shaped to fit between the knees of an operator seated in a rubber dinghy or similar craft. Automatic SOS or manual keying signals are transmitted on 500 k. c. frequency.

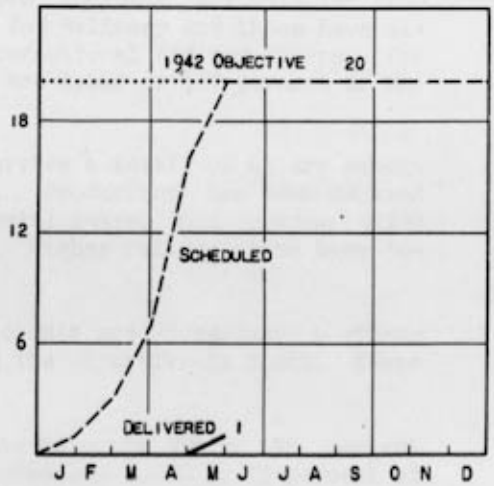
This is a relatively new item with a procurement program of 81,784 with 40,910 on order. Present plans call for maximum production of 6,000 a month to be reached in July with complete delivery during March, 1943.



CONTROL NET SYSTEM SCS-2

Semi-fixed communications equipment for ground control of interceptor pursuit operations. This equipment also has provisions for position"fixing" and"homing" of friendly aircraft by ground direction finding stations. Similar to the SCS-3 except that the latter is completely mobile.

The motor vehicle and radio components for the first set were received in May, 1942, but have not yet been assembled for testing. Appropriation for the procurement of 20 has been authorized and it is estimated that the delivery of these will be completed during August, 1942.



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH MAY 27, 1942

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

GENERAL

During the period May 20 to 27, there were deliveries on 17 out of 38 selected items shown on the tabular summaries on the two following pages. For Troop Equipment service there were 24 items scheduled for May delivery. Of these 13 showed deliveries. Deliveries for Theater of Operations needs were made on 3 items while 13 items have May delivery schedules. For International Aid and Others there were deliveries in 4 of 8 items having May delivery schedules.

CONTRACT STATUS

STEREOCOMPARAGRAPH EQUIPMENT - During the period May 20-27 deliveries of 35 were reported. Total deliveries are now 130 and the quantity scheduled for April delivery is completed. There are 8 remaining to be delivered.

DUPLICATING EQUIPMENT, 18"x18" - May deliveries to date are 491 or 113 percent of the May schedule of 431. These are for Troop Equipment service.

FLOAT, PNEUMATIC, 6-TON CAPACITY - May deliveries to date are 230 with 125 yet to be delivered to complete the May schedule of 355. The 1942 objective is 5,160 and 1942 deliveries against this objective are 385 or 7 percent. These figures are for International Aid and Other services. Deliveries for Troop Equipment are scheduled for June.

INSTRUMENTS, DRAWING, FIELD SET - May deliveries indicate a favorable procurement status. For June,153 were scheduled for delivery and these have already been delivered to date.These are for International Aid and Others. For Troop Equipment needs, May deliveries to date are 1,642 or 117 percent of the schedule of 1,400.

CRANE, TRUCK, MOUNTED - For Troop Equipment service a total of 43 are scheduled for May, and May 1-27 deliveries are 18. Production has been delayed due to difficulty in obtaining Timken axles, bevel gears, and spring steel because of the present A-1-i priority rating. Higher ratings have been requested.

SEARCHLIGHT, AA, 60" MOBILE - May deliveries to date are 99 against a schedule of 146. Total 1942 deliveries are 523 and the objective is 1,424. These figures are for Troop Equipment service only.

TRAILER, FOR 60" SEARCHLIGHT - May deliveries to date are 538 or 135 percent of the May schedule of 400. For 1942, deliveries are 1,936 or 73 percent of the 1942 objective of 2,648. These figures are for Troop Equipment service only.

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
MAY 27, 1942

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

Item		Author-ized	Under con-tract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1-May 27	Feb	Mar	Apr.	May 1-27	May	Jun	Jul
Auger, earth motorized	Troop Equipment	33	33	82	24	7	8	0	4	(a)	(a)	(a)
	Int.Aid & Others	14	14	0	6	0	0	0	0	0	0	0
Boat, half w/7 paddles	Troop Equipment	4,205	1,905	3,383	0	0	0	0	0	0	150	300
	Int.Aid & Others	1,800	1,800	2,000	0	0	0	0	0	0	0	0
Boat, power, w/trailer	Troop Equipment	279	279	143	59	0	19	40	0	19	10	5
	Theater of Oper.	70	70	(d)	18	0	0	4	14	10	20	20
	Int.Aid & Others	100	100	100	0	0	0	0	0	0	0	25
Boat, reconnaisance	Troop Equipment	230	230	2,190	0	0	0	0	0	100	100	30
	Int.Aid & Others	450	450	0	0	0	0	0	0	0	0	0
Bridge, steel, port., H-10	Troop Equipment	38	38	27	20	6	0	2	0	(b)	(b)	(b)
	Theater of Oper.	32	32	(d)	0	0	0	0	0	0	0	0
	Int.Aid & Others	3	3	15	3	0	0	0	0	0	0	0
Bridge, steel, port., H-20	Troop Equipment	58	58	0	50	10	12	10	14	(b)	(b)	(b)
	Theater of Oper.	16	16	(d)	0	0	0	0	0	(b)	(b)	(b)
Bridge, steel, treadway	Troop Equipment	19	19	17	2	0	0	0	2	2	10	4
	Int.Aid & Others	5	5	5	0	0	0	0	0	(b)	(b)	(b)
Camera, copying, motorized	Troop Equipment	9	9	10	1	0	0	0	0	0	0	0
	Theater of Oper.	11	11	(d)	0	0	0	0	0	0	4	0
Compass, lensatic, w/case (thou)	Troop Equipment	128	113	53	50	12	17	5	15	15	15	15
	Int.Aid & Others	12	12	10	0	0	0	0	0	0	0	0
Compressor, air, motorized	Troop Equipment	1,193	1,193	529	1	0	0	0	1	0	60	150
	Theater of Oper.	200	200	(d)	0	0	0	0	0	70e	80	0
	Int.Aid & Others	389	149	149	49	0	0	49	0	0	0	0
Crane, truck mounted	Troop Equipment	143	69	75	49	11	4	5	18	43	0	0
	Theater of Oper.	125	125	(d)	0	0	0	0	0	0	25	25
	Int.Aid & Others	56	56	9	10	0	0	0	4	0	0	0
Dup. equip. gel. pro 18"x18"	Troop Equipment	986	986	625	491	0	0	0	491	431	0	0
Electric lgtg. equip., 3KVA	Troop Equipment	1,763	900	1,014	289	20	0	100	169	56	120	120
	Theater of Oper.	50	50	(d)	50	0	50	0	0	0	0	0
	Int.Aid & Others	5	5	0	5	0	0	0	5	0	0	0
Electric lgtg. equip., 5KW	Troop Equipment	917	417	251	109	49	0	0	0	0	0	0
	Theater of Oper.	1,394	1,394	(d)	350	0	105	110	135	160	220	229
	Int.Aid & Others	232	232	100	232	135	0	0	58	46	0	0
Explosive, amm. nitr. (tons)	Troop Equipment	(c)	(c)	1,680	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	Theater of Oper.	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	Int.Aid & Others	(c)	(c)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Explosive, TNT	Troop Equipment	(c)	(c)	4,299	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	Theater of Oper.	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
	Int.Aid & Others	(c)	(c)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Float, pneumatic	Troop Equipment	400	400	1,739	0	0	0	0	0	0	400	0
	Int.Aid & Others	5,160	5,160	500	385	0	0	50	230	355	730	20
Grader, road, motorized	Troop Equipment	196	196	103	45	0	0	13	32	20	20	12

(a) Schedule of trucks unavailable
(b) Contingent upon receipt of material
(c) Information unavailable
(d) Program developed as needed
(e) 50 scheduled for April not delivered

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
MAY 27, 1942

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

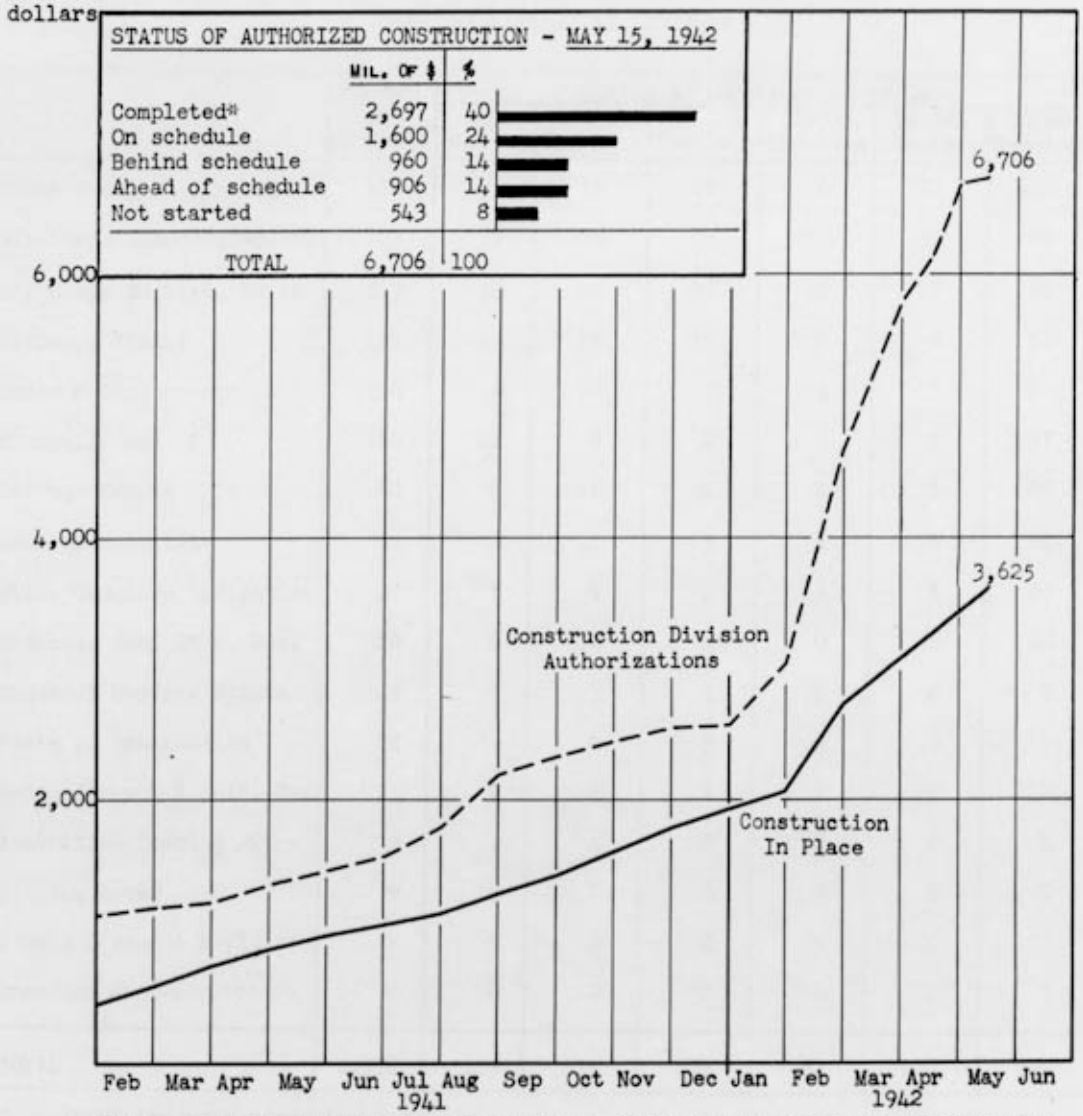
Item		Authorized	Under contract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1-May 27	Feb	Mar	Apr	May 1-27	May	Jun	Jul
Instruments, drawing, field	Troop Equipment	22,288	12,288	10,295	3,138	200	500	400	1,642	1,400	2,163	1,950
	Int.Aid & Others	153	153	0	153	0	0	0	153	0	153	0
Mixer, concrete	Troop Equipment	168	168	172	0	0	0	0	0	20	60	60
	Theater of Oper.	55	55	(a)	15	15	0	0	0	40	0	0
	Int.Aid & Others	42	42	0	17	0	0	0	17	42	0	0
Ponton bridge, 10-ton	Troop Equipment	32	32	37	0	0	0	0	0	(b)	(b)	(b)
	Theater of Oper.	5	5	(a)	0	0	0	0	0	(b)	(b)	(b)
	Int.Aid & Others	22	22	12	9	3	2	1	0	(b)	(b)	(b)
Ponton bridge, 25-ton	Troop Equipment	50½	50½	57½	18	4	3	2	6	(b)	(b)	(b)
Searchlight, 24", beach def	Troop Equipment	126	126	174	93	6	11	44	32	0	0	0
	Theater of Oper.	138	138	(a)	0	0	0	0	0	0	0	0
Searchlight, AA, 60" mobile	Troop Equipment	8,601c	7,730	1,424c	523	112	84	88	99	146	160	75
	Int.Aid & Others	4,792	4,792	2,244	2	0	0	0	2	0	0	0
Semi-trailer, 1500 gal water	Troop Equipment	205	205	435	0	0	0	0	0	(b)	(b)	(b)
	Theater of Oper.	50	50	(a)	0	0	0	0	0	(b)	(b)	(b)
Shovel, gasoline, 1/2 yd.	Troop Equipment	179	179	136	68	21	13	13	13	12	12	12
	Theater of Oper.	70	70	(a)	11	0	2	3	3	0	20	20
	Int.Aid & Others	328	328	0	1	0	0	0	1	14	10	10
Special equip., Aviation	Troop Equipment	26	26	20	9	0	0	0	9	(f)	(f)	(f)
	Theater of Oper.	113	113	(a)	4	0	0	0	4	(f)	(f)	(f)
Stereocomparagraph, equip.	Troop Equipment	138	138	51	130	0	0	0	130	0	0	0
Stereoscope, mirror, w/bin.	Troop Equipment	4,261	4,261	2,474	655	209	36	27	72	75	225	71
	Int.Aid & Others	437	437	0	0	0	0	0	0	0	0	150
Tractor, med., w/angledozer	Troop Equipment	634	634	653	31	0	0	0	31	70	80	54
	Theater of Oper.	365	365	(a)	65	0	30	14	0	0	0	240
	Int.Aid & Others	152	0	315	0	0	0	0	0	0	0	0
Trailer, (light tractor)	Troop Equipment	200	200	165	112	0	0	6	0	0	40	48
Trailer, (medium tractor)	Troop Equipment	777	777	724	0	0	0	0	0	107	200	200
	Theater of Oper.	65	65	(a)	0	0	0	0	0	65	0	0
	Int.Aid & Others	106	106	0	24	8	0	0	0	78	0	0
Trailer, 60" searchlight	Troop Equipment	2,648	2,648	925	1,936	542	156	100	538	400	350	0
	Int.Aid & Others	4,790d	4,790d	2,244	0	0	0	0	0	0	0	0
Trailer, (triangul. tower)	Troop Equipment	71	71	47	0	0	0	0	0	0	8	39
Transit, Engineers, 1-min.	Troop Equipment	971	971	806	221	0	45	0	110	29	100	100
	Int.Aid & Others	480	430	0	30	30	0	0	0	0	0	0
Transit, Engineers, 20-sec.	Troop Equipment	539	539	421	472	0	50	250	72	59	0	0
	Int.Aid & Others	213	213	0	0	0	0	0	0	0	60	12
Triangulation tower, port.	Troop Equipment	36	36	24	20	0	0	10	0	10	16	0
Water puri. unit, mobile	Troop Equipment	66	66	42	24	0	0	18	6	12	12	12
	Theater of Oper.	140	140	(a)	20	0	2	18	0	28	20	20
	Int.Aid & Others	0	0	20	0	0	0	0	0	0	0	0
Water supply equip.,Engineer	Troop Equipment	530	213	138	18	0	0	0	0	0	0	0
	Theater of Oper.	1,130	1,130	(a)	288	50	50	66	58	190	150	150
	Int.Aid & Others	100	100	0	0	0	0	0	0	0	0	0
Welding & cutting set	Troop Equipment	350	323	203	208	0	0	86	122	244	100	0
	Theater of Oper.	50	50	(a)	50	0	0	50	0	50e	0	0
	Int.Aid & Others	106	106	0	106	0	4	102	0	0	0	0

(a) Program developed as needed
(b) Contingent upon receipt of material
(c) Includes 293 for Seacoast Defense
(d) Includes 2,625, 1943 requirement
(e) Scheduled for May, delivered in April
(f) Information unavailable

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - MAY 15, 1942

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

CUMULATIVE MILITARY CONSTRUCTION DATA



STATUS OF AUTHORIZED CONSTRUCTION - MAY 15, 1942

	MIL. OF $	%
Completed*	2,697	40
On schedule	1,600	24
Behind schedule	960	14
Ahead of schedule	906	14
Not started	543	8
TOTAL	6,706	100

Note: Figures subsequent to February 1, 1942 include Air Corps construction
* Includes projects ready for use

TABULAR SUMMARY - CONSTRUCTION PROGRESS - MAY 15, 1942

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

PERCENTAGE GROUPS OF PROJECTS

	Number of projects	Status of construction projects					
		Not started	1-25% Complete	26-50% Complete	51-75% Complete	76-99% Complete	100%* Complete
Other Troop Facilities	436	31	46	21	6	30	302
Air Corps Schools,Dep.etc	323	79	95	23	12	35	79
Air Corps Tactical Units	217	50	46	16	12	17	76
Ordnance Plants	137	11	48	10	9	8	51
Camps & Cantonments	106	2	20	7	3	7	67
Miscellaneous	69	11	9	4	5	3	37
Storage Depots	62	9	18	4	1	5	25
General Hospitals	48	9	11	3	1	0	24
Misc. Ordnance Facilities	47	5	9	1	5	7	20
Ordnance Amm. Stor. Dep.	28	6	10	1	0	1	10
Chemical Warfare Plants	25	3	7	2	2	2	9
Ports of Embarkation	22	4	4	3	0	2	9
Reconsignment & Hold. Pts.	21	8	8	2	1	0	2
Ammunition Loading Piers	9	1	4	2	1	0	1
Staging Areas	9	5	1	0	3	0	0
O'Seas D'chge & Repl. Dep.	7	1	0	0	1	0	5
Ordnance Back-up Storage	4	0	2	2	0	0	0
TOTAL	1,570	235	338	101	62	117	717

* Includes projects ready for use

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JUNE 4, 1942

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

STATUS OF CRITICAL AND ESSENTIAL ITEMS: A total of forty-eight contracts on critical items and forty-three contracts on essential items were completed during the second and third quarter-monthly periods of May. In the semi-monthly period ended May 23, 1942, complete deliveries on the 1941-1942 Expenditure Program were made on four critical items and one essential item.

CASETTE CHANGER: The Standard X-ray Corporation, Chicago, Ill., and the Westinghouse Electric and Manufacturing Company, Long Island City, New York, completed contracts on schedule during the third quarter-monthly period of May on the Magnetically Controlled Upright Stereoscopic Casette Changers. The contracts were for 47 and 75 Casette Changers, respectively. The Standard X-ray Corporation, however, has another contract for 205 of this same item, on which it is fifty machines behind its production schedule. This contract, on which no deliveries have been made to date, is to be completed June 29, 1942.

GENERATOR, GASOLINE, ELECTRIC: While D.W. Onan and Sons delivered sixty Electric Gasoline Generators for the Complete Mobile Field X-ray Unit in the third quarter-monthly period of May, the firm succeeded only in reducing the number behind schedule from 182 to 181.

UNIT, POWER, ELECTRIC: This electrical gasoline generator for lighting purposes is under contract with D. W. Onan and Sons, Minneapolis, Minnesota. Between May 8 and 23 the firm delivered seventy-three of this item. They are still 160 behind their promised deliveries.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ended May 28, the percentage of sick within the continental limits of the United States was 2.96. There were 2.78 percent in hospital and .18 percent in quarters.

TABULAR SUMMARY - STATUS OF SELECTED MEDICAL DEPARTMENT ITEMS ON ARMY SUPPLY PROGRAM* - MAY 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	Author-ized	Under con-tract	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 23	Feb	Mar	Apr	May 1-23	May	Jun	Jul
FIRST AID DRESSING											
Packet, first aid**	2,720	2,720	3,309	695	0	15	535	145	710	301a	
Dressing, first aid, large**	5,228	5,228	5,345	2,842	513	637	437	756	1,143	433	334
Dressing, first aid, small**	6,279	6,279	8,611	1,981	82	233	644	808	1,079	1,000	1,000
SURGICAL INSTRUMENTS											
Forceps, hemostatic, Abbey	11,135	8,247	7,647	5,681	1,572	846	942	728	300	3,634b	
Forceps, hemo., H., mos., straight	49,479	33,373	33,373	14,320	752	5,876	5,420	300	0	3,684	3,684
Forceps, hemostatic, Jones	10,322	10,322	10,514	3,865	1,045	348	1,992	480	203	949	949
Forceps, hemo., R.-K., straight	109,368	46,680	53,590	34,937	11,690	16,125	2,226	2,388	9,622	2,400	3,349
Forceps, hemo., R.-F., curved	272,307	54,291	85,787	50,610	14,016	8,553	4,861	2,980	35,565	8,152b	
Forceps, hemo., Kocher, straight	9,404	9,404	9,404	4,458	216	372	2,256	1,614	0	2,010	2,789a
Forceps, hemo., R.-O., 6¼", straight	80,911	30,515	30,515	25,375	9,985	4,356	6,552	8	89	3,468b	
Forceps, hemo., R.-O., 7¼", straight	34,164	34,020	28,586	28,992	3,276	4,572	7,848	6,660	14,179	6,212	1,177
Forceps, hyst., Pean, curved	51,302	14,594	25,301	11,153	924	372	1,864	5,054	2,205	1,252	1,252
Forceps, sponge	38,396	36,283	49,979	33,748	9,866	6,448	3,936	5,084	3,432	4,460	989
Forceps, towel, 3"	28,345	27,157	19,157	9,392	1,672	3,904	2,646	1,080	4,027	2,654	9,653
Forceps, towel, 5¼"	10,840	9,740	9,640	9,740	2,468	672	3,360	1,404	900b		
Holder, needle, Hegar-Mayo	20,850	20,178	16,969	6,652	1,856	1,914	697	27	1,770	2,735	2,802
Knife, operating, 1½" blade	24,560	24,560	9,200	9,092	2,976	3,000	24	3,092			
Knife, operating, 1½" blade	9,758	9,686	9,670	4,513	0	697	2,232	1,584	0	0	3,891
Knife, operating, 2" blade	4,210	4,096	4,096	1,937	0	1,937	0	0	0	0	2,159
Scissors, bandage	175,266	105,159	131,526	66,327	15,790	12,212	20,720	10,427	1,772	13,558	13,559
Scissors, dissecting, cur., 5½"	6,110	5,774	8,609	5,774	200	1,266	1,665	2,143	1,752b		
Scissors, dissecting, str., 5½"	11,915	11,515	11,515	9,771	5,450	1,822	16	1,727	1,744b		
SURGICAL APPLIANCES											
Anesthesia apparatus, N_2O	696	678	931	6	0	0	0	0	10	12	101
Phorometer	1,478	588	425	413	226	63	70	28	66	10	10
Sphygmomanometer, mercurial	13,872	12,602	11,205	3,814	1,266	0	1,092	1,450	0	1,500	2,000
Splint, Thomas, arm, hinged	65,573	65,273	74,073	49,740	11,420	12,857	20,631	4,382	0	4,299	2,913
Splint, Army, leg, ½-ring	65,307	36,968	52,839	22,509	3,369	11,254	2,888	3,438	3,962	5,560	4,077
X-RAY EQUIPMENT											
Machine, radiographic, 200ma	481	421	604	116	27	36	22	13	50	33	29
X-ray, field, generator	903	775	1,083	172	18	0	23	111	13	20	20
X-ray, field, mobile unit	1,639	1,042	2,085	482	26	158	208	90	319	92	92
STERILIZERS											
Hospital, complete	256	209	674	209	70	49	20	6	421	4	1
Hospital, utensil	5,136	5,101	10,270	3,196	786	458	651	759	637	642	635
FIELD EQUIPMENT											
Kit strap, cantle ring	151,924	151,924	419,067	25,787	12,883	7,883	5,754	0	22,913	51,612	51,613
Kit insert, Type I	62,069	62,069	250,373	37,021	2,218	8,750	11,045	10,000	25,205	8,843a	
Kit insert, Type II	22,158	19,208	48,960	3,900	900	2,000	1,000	0	0	5,000	10,308
Kit strap, litter	159,750	159,750	424,188	41,193	16.785	8,078	4,330	12,000	37,592	401,300	36,832
Kit pouch, canvas	148,002	148,002	340,498	41,371	0	13,200	9,537	17,835	0	0	91,981
Kit, suspender	72,874	72,874	140,686	43,757	5,800	7,542	14,816	15,599	20,104	24,612a	
Chest, field, plain	16,518	16,518	10,360	1,876	525	1,109	75	0	0	1,338	723
Litter	1,684	1,684	45,211	1,291	0	0	0	1,291	(a)		
Litter, folding	22,494	1,999	1,990	109	64	0	0	0	55	27	27

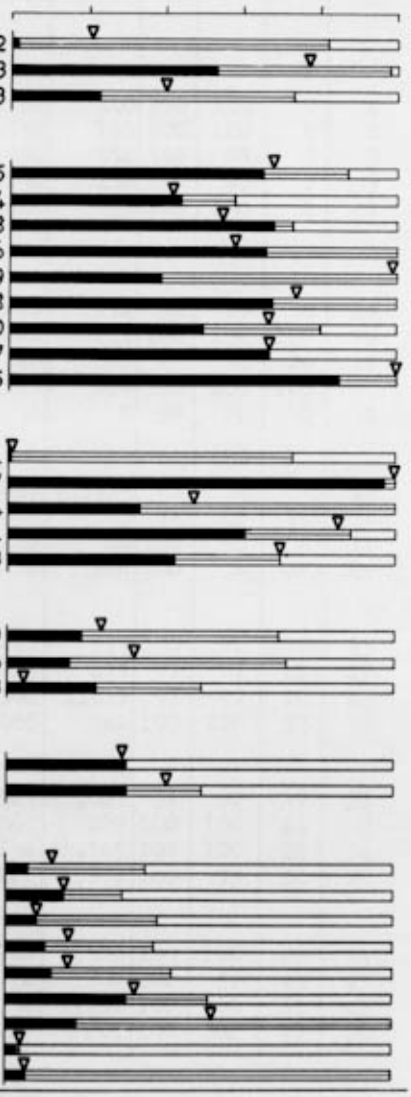
*All "Authorized" and "Under Contract" figures are less all deliveries prior to January 1, 1942. International Aid and Navy figures not included.

(a) Authorizations completed.
(b) Contracts completed.
** Figures in thousands.

MEDICAL DEPARTMENT - STATUS OF SELECTED ITEMS ON ARMY SUPPLY PROGRAM - MAY 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	Required 1942 production*	Percent required production: Con	Due	Del
FIRST AID DRESSINGS				
Packet, first aid	3,308,516	82	21	2
Dressing, first aid, large	5,345,352	98	77	53
Dressing, first aid, small	8,610,685	73	40	23
SURGICAL INSTRUMENTS				
Forceps, hemostatic, 8 types	259,416	87	68	65
Forceps, hyst., Pean, curved	25,301	58	42	44
Forceps, sponge	49,979	73	55	68
Forceps, towel, 2 sizes	28,797	100	58	66
Holder, needle, Hegar-Mayo	16,969	100	99	39
Knife, operating, 3 sizes	22,966	100	74	68
Scissors, bandage	131,526	80	67	50
Scissors, dis., curved 5½"	8,609	67	67	67
Scissors, dis., straight 5½"	11,515	100	100	85
SURGICAL APPLIANCES				
Anesthesia apparatus, N_2O	931	73	1	1
Phorometer	425	100	100	97
Sphygmomanometer, mercurial	11,205	100	48	34
Splint, Thomas, arm, hinged	74,073	88	85	61
Splint, Army, leg, ½-ring	52,839	70	70	43
X-RAY EQUIPMENT				
Machine, radiographic, 200ma	604	70	24	19
X-ray, field generator	1,083	72	33	16
X-ray, field, mobile unit	2,085	50	4	23
STERILIZERS				
Hospital, complete	674	31	30	31
Hospital, utensil	10,270	50	41	31
FIELD EQUIPMENT				
Kit strap, cantle ring	419,067	36	12	6
Kit insert, Type I	250,373	25	15	15
Kit insert, Type II	48,960	39	8	8
Kit strap, litter	424,188	38	16	10
Kit pouch, canvas	340,498	43	16	12
Kit suspender	140,686	52	33	31
Chest, field, plain	10,360	100	53	18
Litter	45,211	4	4	3
Litter, folding	1,990	100	5	5



*International Aid and Navy figures not included.

MEDICAL DEPARTMENT - STATUS OF DENTAL EQUIPMENT - MAY 23, 1942

Source of Information: Medical Department Procurement Progress Reports

	1942 Req. Prod.*	Financed	Contracted	Delivered	Percent Requirement Fin	Con	Due	Del
CRITICAL ITEMS								
Curette, FF Molt, no. 2	1,756	3,116	1,756	100	100	100	0	6
Curette, FF Molt, no. 4	1,756	3,116	1,756	106	100	100	0	6
Curette, FF Molt, no. 9L	1,821	3,164	1,804	154	100	99	3	9
Curette, FF Molt, no. 10R	1,823	3,164	1,804	154	100	99	3	9
Scissors, surgical, Dean, no. 9	5,393	6,585	5,454	53	100	100	1	1
ESSENTIAL ITEMS								
Chair, operating	4,974	2,863	796	772	58	16	16	16
Compressor, unit with 12 gal.tank	280	506	281	251	100	100	100	90
Unit, operating, dental	3,451	2,866	1,166	640	83	34	26	19
Machine, X-ray, dental, complete	161	363	363	109	100	100	100	68
Chair, dental field	5,356	5,271	0	0	98	0	0	0
Forceps, bone rongeur, no. 5 s	3,798	2,407	1,986	559	63	52	7	15
Forceps, bone rongeur, no. 4 a	1,592	1,129	1,029	93	71	65	16	6
Forceps, crown slitting	772	810	710	86	100	92	34	11
Forceps, hawkbill, Army	1,474	1,605	1,234	294	100	84	32	20
Forceps, rubber dam punch	3,499	3,981	2,497	537	100	71	18	15
Forceps, no. 1, (Winter)	2,222	1,713	1,713	425	77	77	21	19
Forceps, no. 15	2,581	2,508	2,508	1,119	97	97	26	43
Forceps, no. 18 R	3,548	4,948	4,065	841	100	100	58	24
Forceps, no. 65	3,103	3,093	2,543	1,007	99	82	17	32
Forceps, no. 18 L	3,434	4,548	3,665	279	100	100	44	8
Forceps, no. 103	3,428	4,005	3,454	1,165	100	100	24	34
Forceps, no. 150-A	6,506	8,173	6,211	1,779	100	95	24	27
Forceps, no. 151-A	6,685	9,110	6,990	1,626	100	100	29	24
Forceps, no. 215	1,705	2,622	972	807	100	57	43	47
Forceps, no. 210	3,114	4,102	3,552	1,281	100	100	54	41
Forceps, no. 217	1,598	1,134	984	801	100	62	49	50

*International Aid and Navy figures not included.

TEXT SUMMARY - C. W. S. - STATUS MAY 31, 1942

Source of Information: Chemical Warfare Service Progress Reports

CHEMICAL AGENTS: The production of Mustard Gas continues at a rate far above the estimated plant capacity. Production during the month of May totalled 2,457 tons. This production was reported by the two units in operation at Huntsville and the one at Edgewood. An additional eleven units are planned; four at Huntsville, two at Pine Bluff and five at the new arsenal. Estimated production from all plants for the thirty month period ending June 1944 is 218,165 tons.

CHEMICAL MORTARS: The Chemical Mortar is the principal weapon of chemical troops. Because the Chemical Mortar has great rapidity of fire and the shell has a large chemical capacity for its weight, a heavy concentration of chemical agents can be put down in a few minutes and easily maintained. Its range limit is 2,400 yards.

Manufacture of these mortars requires a broaching machine, which will not be obtained before July 1, 1944. The manufacturer put to use a make-shift machine and was able to broach about forty barrels, one of which was proof-fired and accepted, the others needing minor corrections.

Further production awaits the new broaching machine which has a barrel capacity of one every forty-five minutes. It is expected that these mortars will be completed on schedule provided metals and castings can be delivered to keep up with the broaching of barrels.

INCENDIARY BOMBS: Recent instructions from the Commanding General, Services of Supply, place the substitute bomb program at 13,500,000 bombs, of which 8,000,000 are for the Army and 5,500,000 for the Navy.

Contracts had been placed for 21,600,000 complete assemblies and these contracts were approximately 95 percent complete upon receipt of the curtailment order. This necessitates storage of the extra component parts received. In addition, with loading contracts curtailed to 67 percent of the original number practically all of the commercial loading capacity will lie idle from three to six months before sufficient magnesium is made available to utilize this capacity for magnesium bombs.

WEEKLY DELIVERIES - SELECTED ITEMS

Item	Deliveries May 16-22	Deliveries May 23-29	Item	Deliveries May 16-22	Deliveries May 23-29
Agent Bleach (ton)	110	85	Tank, Airplane M-21	0	134
Agent H.T. Bleach (ton)	0	99	Agent, Sim. (M1,M2)(ton)	100	600
Agent Non-Corr. (gal)	5,441	16,323	Apparatus Decont. (1½ qt)	12,000	14,000
Apparatus Decont. Power	55	49	Container Steel (1 ton)	488	175
Bomb, Incendiary (Mag)	126,231	117,368	Curtain, Gasproof	18,396	18,355
Bomb, Incendiary (Sub)	610,080	765,876	Impregnite I (ton)	99	91
Chemical Agents (tons)			Impregnite Shoe (ton)	379	406
Lewisite (M1)	7	11	Ointment Protective (ton)	16	14
Mustard (HS)	526	573	Respirator, Dust	0	2,916
Tear Gas (CNS)	96	81	Set, Gas, Detonation	343	260
White Phosphorus (WP)	105	105	Set, Gas, Instructional	0	318
Mask, Gas, Diaphragm	4,030	560	Shell, Chemical Mortar	3,131	4,583
Mask, Gas, Service	30,645	43,928	Shell, Livens Projector	18,763	2,016
Tank, Airplane M-10	238	0	Smoke Pots	3,912	3,481
Tank, Airplane M-20	0	44	Solvent, Impregnite (ton)	335	191

TABULAR SUMMARY - STATUS OF SELECTED C. W. S. ITEMS ON ARMY SUPPLY PROGRAM*
MAY 31, 1942

Source of Information: Chemical Warfare Service

Item	Author-ized**	Under con-tract**	Req'd prod. 1942	Accepted					Estimated		
				Jan 1-May 31	Feb	Mar	Apr	May	May	Jun	Jul
CRITICAL											
Agent, Bleach (ton)	5,941	6,367	7,014	1,388	202	382	172	448	310	310	360
Agent, H.T. Bleach (ton)	991	522	493	155	20	0	26	99	110	110	110
Agent, Non-Corr. (gal)	2,604,023	2,400,664	1,369,677	201,720	0	28,349	121,718	51,653	120,000	120,000	120,000
Apparatus, Decont. Power	1,266	1,178	1,389	410	0	67	145	198	160	160	160
Bomb, Incendiary (Mag)(a)	89,775	35,000	25,471	896	4	111	233	549	340	1,190	1,700
Bomb, Incendiary (Sub)(a)	13,500	13,500	13,500	7,068	780	1,911	1,784	2,347	2,040	2,380	850
Canister, Svc. & Dia.	2,065,369	2,065,372	1,617,604	923,353	253,635	247,463	173,614	58,805	150,000	150,000	240,000
Canister, Optical	8,110	8,110	0	8,110	0	0	0	8,110	8,110	0	0
Chemical Agents (tons)											
Lewisite (M-1)	58,912	4,912	54,000	78	0	28	26	24	50	140	230
Mustard (HS)	164,498	31,182	132,006	5,342	724	586	960	2,457	1,000	1,000	1,400
Phosgene (CG)	3,334	3,334	1,081	640	0	546	94	0	0	0	0
Screening Smoke (FS)	18,861	1,655	18,479	740	202	205	83	0	100	100	100
Screening Smoke (HC)	3,837	3,837	474	0	0	0	0	0	0	250	250
Tear Gas (CNS)	20,400	1,547	20,054	1,167	226	277	224	320	250	250	200
White Phosphorus (WP)	16,139	9,786	3,830	3,536	0	523	421	2,385	Procured as Needed		
Mask, Gas, Diaphragm	615,247	634,646	843,200	194,613	21,190	8,437	30,073	30,763	30,000	45,000	60,000
Mask, Gas, Service	3,965,480	1,420,515	2,046,132	815,170	175,238	146,465	193,327	146,171	200,000	200,000	200,000
Tank, Airplane M-10	47,256	33,096	47,256	3,540	928	722	1,312	578	850	6,850	6,090
Tank, Airplane M-20	11,290	940	1,691	156	0	0	112	44	50	50	50
Tank, Airplane M-21	11,290	940	1,665	134	0	0	0	134	Scheduled August 1st.		
ESSENTIAL											
Agent, Simulated (M1, M2)	3,177	3,177	597	700	0	0	0	700	0	1,337	1,840
Alarm, Gas	51,531	48,309	36,115	0	0	0	0	0	Not Standardized		
Apparatus, Decont (1½ qt)	678,875	665,545	534,978	128,343	20,000	24,596	33,347	38,400	78,000	78,000	78,000
Apparatus, Decont (3 gal)	48,735	45,541	42,232	0	0	0	0	0	10,000	10,000	10,000
Brush, Window	1,311	1,111	1,889	1,111	0	0	0	1,111	1,111	0	0
Candle, DM	33,402	33,402	44,019	0	0	0	0	0	0	6,000	6,000
Cart, C.W. 4.2"	2,374	2,374	436	0	0	0	0	0	0	180	180
Container, Steel (1 ton)	283,770	33,680	246,184	8,224	1,112	1,627	3,167	1,750	2,000	2,000	2,000
Curtains, Gasproof	437,774	442,353	653,702	273,624	63,365	28,800	30,248	73,625	65,000	65,000	65,000
Cylinders, Portable	27,262	27,262	17,018	0	0	0	0	0	900	0	0
Flame Thrower, Emplaced	520	0	1,035	0	0	0	0	0	0	0	0
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	Not Standardized		
Generator, Smoke, Veh.	26,813	15,040	51,673	25	0	0	0	25	0	5,040	0
Impregnite I (ton)	10,634	5,212	1,875	1,070	152	217	292	361	300	500	500
Impregnite, Shoe (ton)	8,400	8,469	4,316	6,346	1,176	1,127	1,737	1,633	1,300	1,300	1,021
Kit Repair, Gas Mask, M4	15,820	11,811	6,482	0	0	0	0	0	2,470	1,100	11,811
Mask, Gas, Horse M4	20,713	20,713	28,248	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	10,000	8,432	0
Mine, Land, Chemical	1,411,507	1,451,507	398,970	543,347	303,146	80,231	0	0	0	100,000	100,000
Mortar, Chemical 4.2"	1,906	1,906	395	1	0	0	0	1	180	113	250
Ointment, Prot. (ton)	1,074	217	1,261	148	0	30	48	66	35	71	67
Plant, Impregnating M1	5	15	19	0	0	0	0	0	0	1	2
Respirator, Dust	5,450,500	5,532,747	6,590,712	37,391	0	3,836	3,839	15,466	130,000	500,000	500,000
Set, Accessories, L.P.	513	110	120	3	0	0	0	0	0	0	107
Set, Gas, Detonation	4,684	4,684	59,718	3,947	1,979	0	141	1,546	100	500	500
Set, Gas, Instructional	0	0	7,660	318	0	0	0	318	0	0	0
Shell, Chemical Mortar	2,059,837	1,421,431	647,481	25,302	0	3,419	8,277	13,606	35,000	40,000	65,000
Shell, Livens Projector	187,639	187,639	32,268	24,327	0	0	0	20,779	5,000	55,000	55,000
Sight, Chemical Mortar	2,117	2,117	411	0	0	0	0	0	180	190	250
Solvent, Impregnite (ton)	22,685	22,685	5,156	5,357	880	1,202	875	1,034	850	850	850

* International Aid and Navy figures not included.
** Deliveries prior to January 1, 1942 are excluded.

(a) Figures in Thousands

PRODUCTION FACILITIES - C. W. S. - MAY 31, 1942

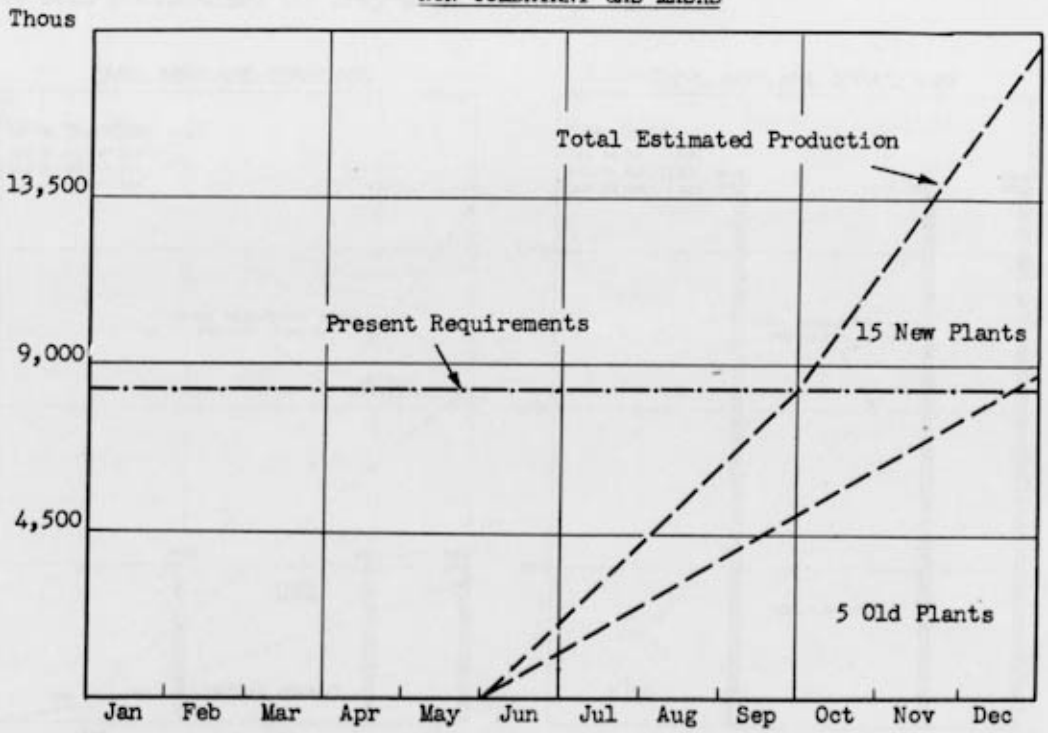
Source of Information: Chemical Warfare Service

The Chemical Warfare Service has been made responsible for procuring gas masks and protective items required on the Civil Defense Program, and has completed plans for the assembly of 2,500,000 masks per month. This rate of production will be reached by October 1, 1942 when all the plants will be completed and in full operation.

The program for the manufacture of 5,000,000 gas masks requested by the Office of Civilian Defense and 3,500,000 required to meet the Australian requisition is scheduled to get under way the first week in June. The program will be launched by five old plants that are capable of manufacturing 10,000 masks per day per plant. Fifteen new plants are under construction and are expected to assemble 100,000 masks each by October 1, 1942.

There has been some delay in initiating the procurement of components for the gas masks. This delay may be attributed to the lack of drawings and specifications needed to comply with the directive to eliminate crude rubber from the non-combatant mask. Present specifications call for a facepiece made of reclaimed rubber, the only new rubber used to be in the valves.

NON-COMBATANT GAS MASKS



Source of Information: Chemical Warfare Service

M-10 AIRPLANE TANKS

This type of apparatus uses only the force of gravity to expel the chemical agent. The tanks are mounted on the wings of the plane. When the tank is fired the agent flows from the tank into the air; the natural shearing effect of the airblast breaks the agent into very fine particles which drift with the wind. The tank has a high chemical efficiency and is suited to such agents as screening smokes, Mustard, Lewisite and tear gas.

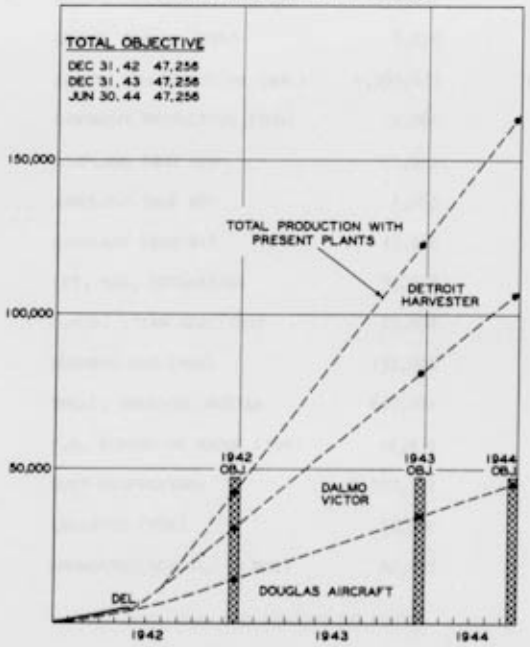
Since no pressure is required, the tanks can be constructed of very light material. They are particularly suited for use on fast, low-flying planes and have been standardized for Army use.

M-20 AIRPLANE TANKS

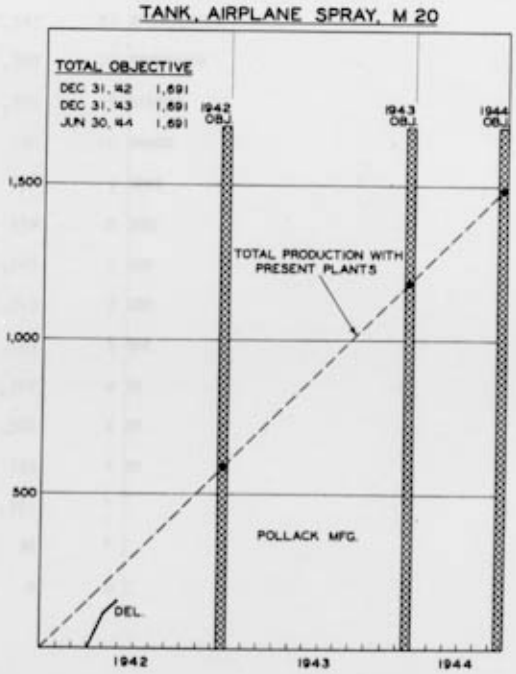
The M-20 tank was developed to disperse the chemical agents by means of pressure. Carbon dioxide is used to furnish this pressure and in operation this gas gives sufficient force to expel the agent backwards at about the air speed of the plane. This results in large drops which readily fall to the ground. Since high pressure is used, this apparatus must be of rugged construction.

The apparatus is suspended from the bomb racks by shackles and the agent is discharged underneath the plane. It is adapted for use on dive bombers and is suited to gases that may be released at high altitudes.

TANK, AIRPLANE SPRAY, M10



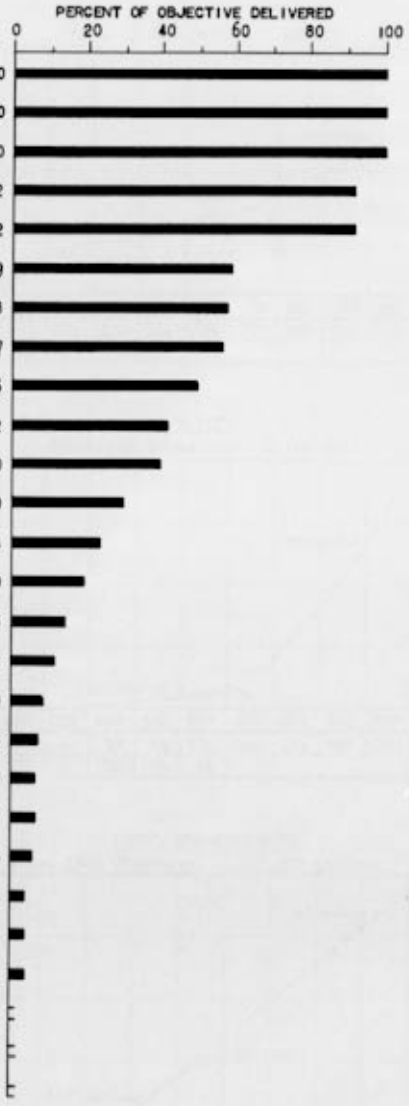
TANK, AIRPLANE SPRAY, M 20



PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - MAY 31, 1942

Source of Information: Chemical Warfare Service

ITEM	1942 ARMY OBJECTIVES	DELIVERIES JAN 1-MAY 31	%
IMPREGNITE, SHOE (TON)	4,316	5,940	100
SOLVENTS, IMPREGNITE (TON)	5,156	5,357	100
INCEND. BOMB, CLUSTER (4 LB)	229,911	234,258	100
CANISTER, DIAPHRAGM	416,094	382,372	92
WHITE PHOSPHORUS (TON)	3,830	3,536	92
C.G. GAS (PHOSGENE)(TON)	1,081	640	59
CONTAINER, STEEL (ONE TON)	14,164	8,224	58
IMPREGNITE I (TON)	1,875	1,070	57
CANISTER, SERVICE	1,201,510	541,981	45
CURTAINS, GASPROOF	653,702	273,624	42
MASK, GAS, SERVICE	2,046,132	815,170	40
APPARATUS, DECONT. POWER	1,389	410	30
APPARATUS, DECONT. (1½ QT)	534,978	128,343	24
AGENT, BLEACH (TON)	7,014	1,388	20
AGENT, NON-CORROSIVE (GAL)	1,369,677	201,720	15
OINTMENT, PROTECTIVE (TON)	1,261	148	12
AIRPLANE TANK M20	1,691	156	9
AIRPLANE TANK M21	1,665	134	8
AIRPLANE TANK M10	47,256	3,540	7
SET, GAS, DETONATION	59,718	3,947	7
C.N.S. (TEAR GAS)(TON)	20,054	1,167	6
MUSTARD GAS (TON)	132,006	5,342	4
SHELL, CHEMICAL MORTAR	647,481	25,302	4
F.S. SCREENING SMOKE (TON)	18,479	740	4
DUST RESPIRATORS	6,590,712	37,391	*
LEWISITE (TON)	54,000	78	*
APPARATUS, DECONT. (3 GAL)	42,232	0	0



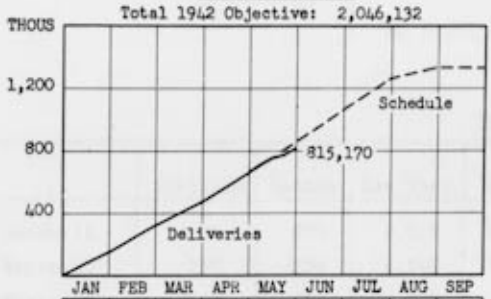
* LESS THAN ONE PERCENT DELIVERED

SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - MAY 31, 1942

Source of Information: Chemical Warfare Service

SERVICE GAS MASKS

Total 1942 Objective: 2,046,132



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	154	329	476	669	869	1069	1269	1335	1335
DELIVERIES	154	329	476	669	815				

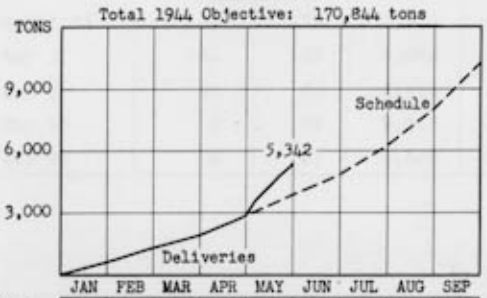
DIAPHRAGM GAS MASKS

Total 1942 Objective: 843,200

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	104	125	134	164	194	239	299	359	419
DELIVERIES	104	125	134	164	195				

MUSTARD GAS

Total 1944 Objective: 170,844 tons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	615	1339	1925	2885	3885	4885	6285	8085	10285
DELIVERIES	615	1339	1925	2885	5342				

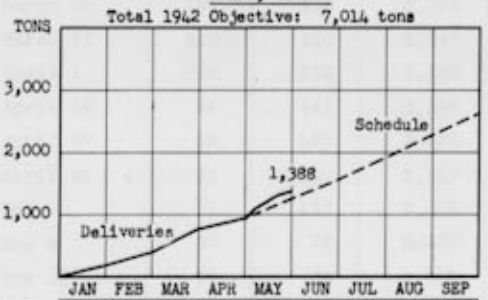
LEWISITE

Total 1944 Objective: 54,000 tons

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	0	0	28	54	104	244	474	799	1199
DELIVERIES	0	0	28	54	78				

AGENT, BLEACH

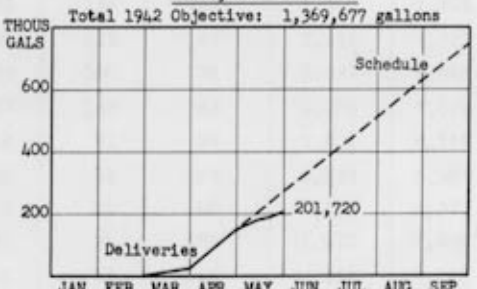
Total 1942 Objective: 7,014 tons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	186	388	769	941	1251	1561	1921	2281	2641
DELIVERIES	186	388	769	941	1388				

AGENT, NON-CORROSIVE

Total 1942 Objective: 1,369,677 gallons



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SCHEDULE	0	0	28	150	270	390	510	630	750
DELIVERIES	0	0	28	150	202				

PORT SITUATION - DELAYS IN CAR UNLOADING - MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 8

LOADED CARS EXPORT FREIGHT OVER 10 DAYS

AT EIGHT PRINCIPAL PORTS

By Port

	Portland	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Total
March 13	75	378	3,375	2,353	1,053	263	320	316	8,133
March 20	290	234	3,302	2,558	864	261	146	244	7,899
March 27	108	156	3,395	1,672	861	255	121	169	6,737
April 3	136	156	3,189	1,475	1,288	311	64	304	6,923
April 10	66	74	3,237	1,484	1,472	287	147	312	7,079
April 17	44	163	3,221	1,566	1,067	226	179	279	6,745
April 24	60	115	2,949	1,446	848	141	185	193	5,937
May 1	81	138	2,966	2,029	754	115	128	159	6,370
May 8	20	66	2,968	2,558	1,238	64	308	82	7,304
May 15	9	52	2,647	2,294	1,670	102	323	131	7,228
May 22	8	51	2,368	2,359	1,116	189	389	163	6,643

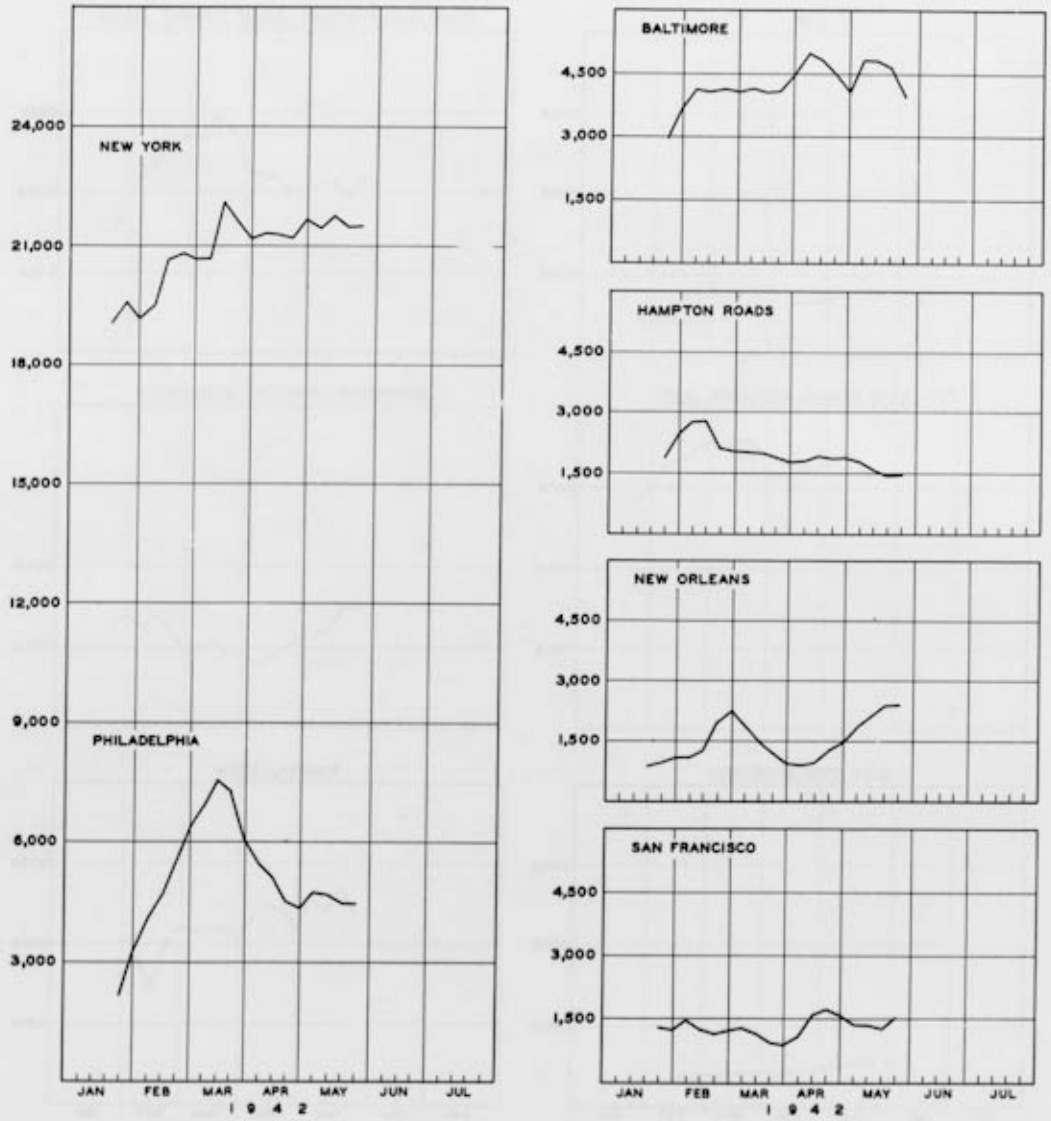
By Consignee

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
March 13	198	247	4,068	1,059	188	107	2,266	8,133
March 20	153	215	3,755	1,203	134	139	2,300	7,899
March 27	129	166	2,947	891	125	67	2,412	6,737
April 3	128	353	3,485	656	180	34	2,087	6,923
April 10	66	442	3,266	727	183	42	2,353	7,079
April 17	33	325	3,385	1,012	91	90	1,809	6,745
April 24	51	199	3,157	1,083	54	57	1,336	5,937
May 1	71	117	3,085	1,801	29	69	1,198	6,370
May 8	30	74	2,910	2,972	29	279	1,010	7,304
May 15	96	63	3,338	2,531	17	246	937	7,228
May 22	63	84	2,970	2,331	19	426	750	6,643

PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS - MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 7

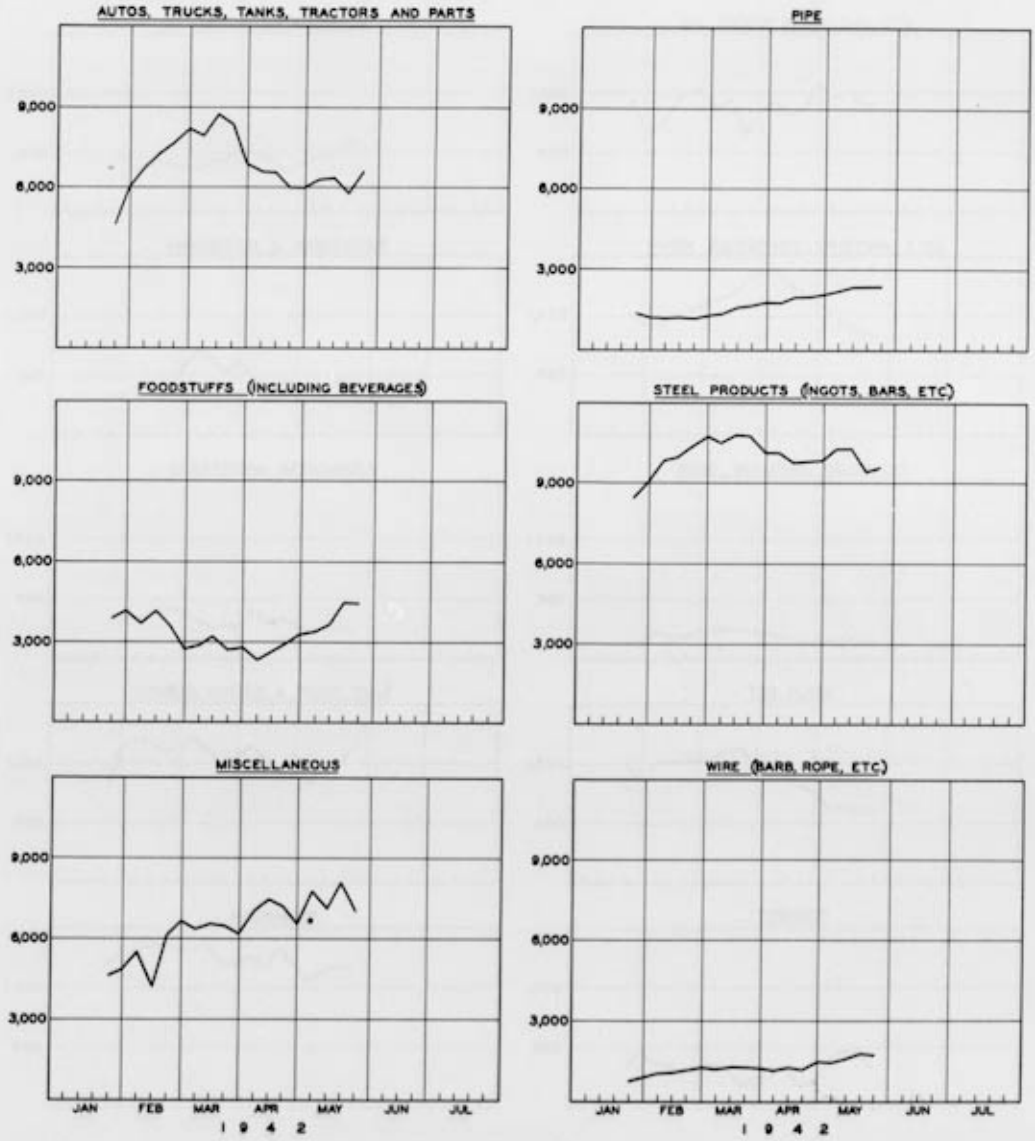
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS
AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 7

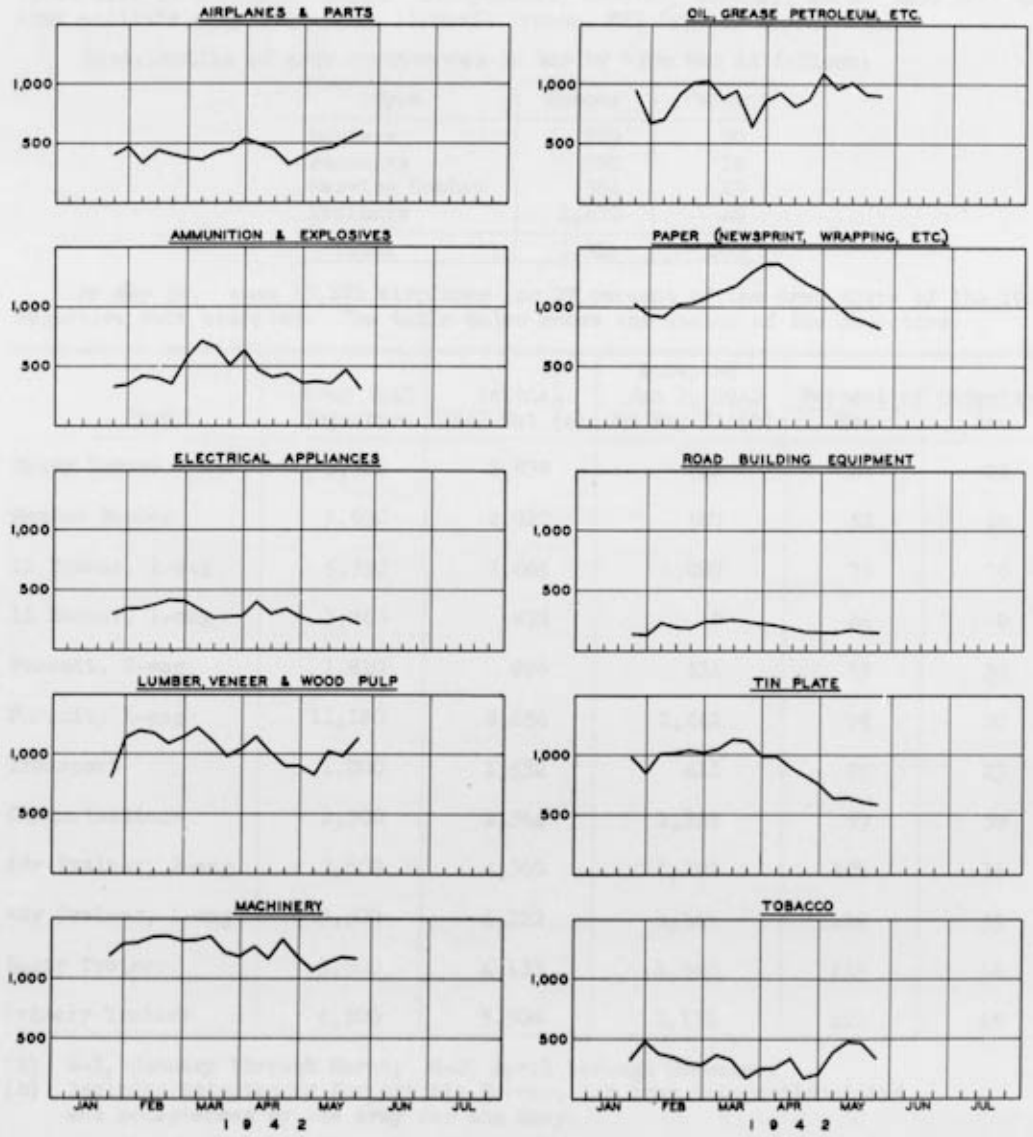
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - MAY 22, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: 8-Series Reports - Aircraft Branch, WPB
Statistical Control, AAF

In May, 3,014 airplanes were accepted by the Army for the Air Forces, Army International Aid and the Navy. This was the first time Army procurement passed the 3,000 mark in a single month. Acceptances, however, were 255 units less than the Army estimate compiled by the Aircraft Branch, WPB for the month.

Distribution of Army acceptances in May by type was as follows:

Type	Number	Percent
Bombers	609	20
Pursuits	582	19
Service Combat	384	13
Trainers	1,439	48
Total	3,014	100

By May 31, some 13,191 airplanes or 27 percent of the Army share of the 1942 objective were accepted. The table below shows the status of the objective.

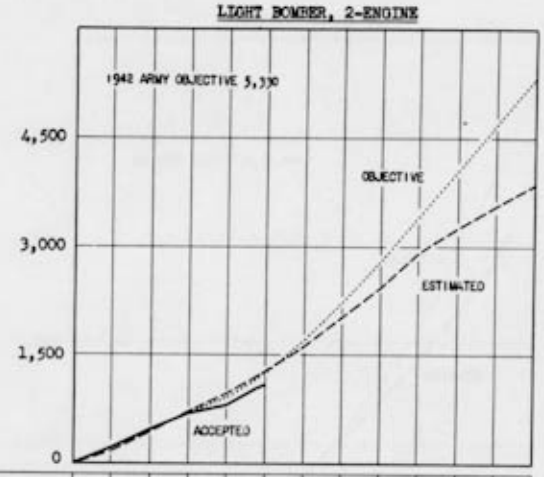
Type	Army 1942 Objective	Initial 1942 Est (a)	Accepted Jan 1, 1942 to May 31 (b)	Percent of Objective	
				Est	Acc
Heavy Bomber	3,300	2,839	721	86	22
Medium Bomber	5,630	2,927	587	52	10
Lt Bomber, 2-eng	5,330	3,865	1,088	73	20
Lt Bomber, 1-eng	1,840	838	0	46	0
Pursuit, 2-eng	1,810	996	534	55	30
Pursuit, 1-eng	11,180	8,884	2,242	79	20
Transport	1,800	1,532	411	85	23
Communications	2,300	1,364	1,353	59	59
Adv Trainer, 2-eng	3,600	4,360	1,292	121	36
Adv Trainer, 1-eng	3,300	4,222	1,145	128	35
Basic Trainer	3,600	4,133	1,666	115	46
Primary Trainer	4,500	5,506	2,152	122	48

(a) 8-I, January through March; 8-J, April through December.
(b) Includes acceptances for the Air Forces, for Army International Aid and acceptances by the Army for the Navy.

ARMY AIRPLANE PROCUREMENT - MAY 31, 1942

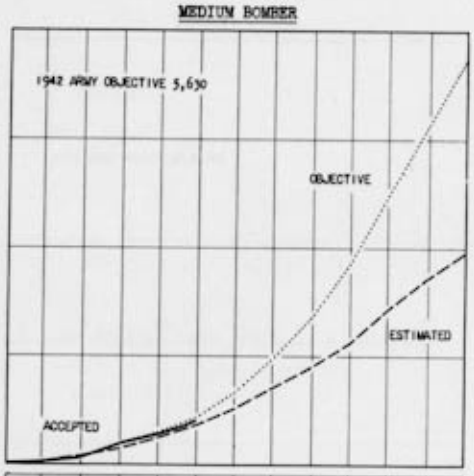
Source of Information: Objectives and Estimates: 8-Series - WPB
Acceptances: Statistical Control - AAF

LIGHT BOMBER, 2-ENGINE



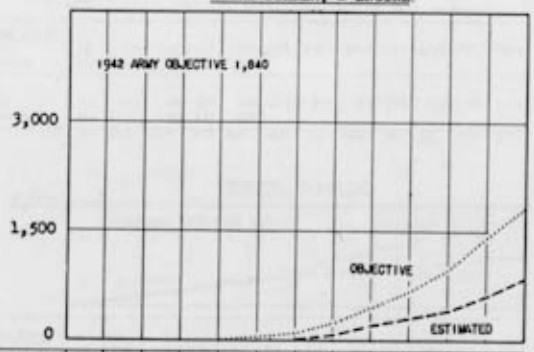
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	179	434	735	960	1269	1618	2025	2449	2914	3275	3570	3865
1942 CUMULATIVE ACCEPTANCES	227	491	707	816	1088							
MONTHLY ESTIMATE	179	255	301	225	309	349	407	424	465	361	295	295
MONTHLY ACCEPTANCES	227	264	216	109	272							

MEDIUM BOMBER



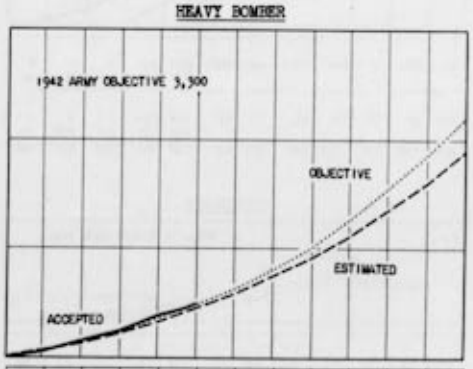
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	40	107	216	365	550	791	1058	1355	1689	2137	2585	2927
1942 CUMULATIVE ACCEPTANCES	19	91	291	428	587							
MONTHLY ESTIMATE	40	67	109	149	185	241	267	297	334	448	448	342
MONTHLY ACCEPTANCES	19	72	200	137	159							

LIGHT BOMBER, 1-ENGINE



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	0	0	0	0	0	0	75	211	288	392	603	838
1942 CUMULATIVE ACCEPTANCES	0	0	0	0	0							
MONTHLY ESTIMATE	0	0	0	0	0	0	75	136	77	104	211	235
MONTHLY ACCEPTANCES	0	0	0	0	0							

HEAVY BOMBER

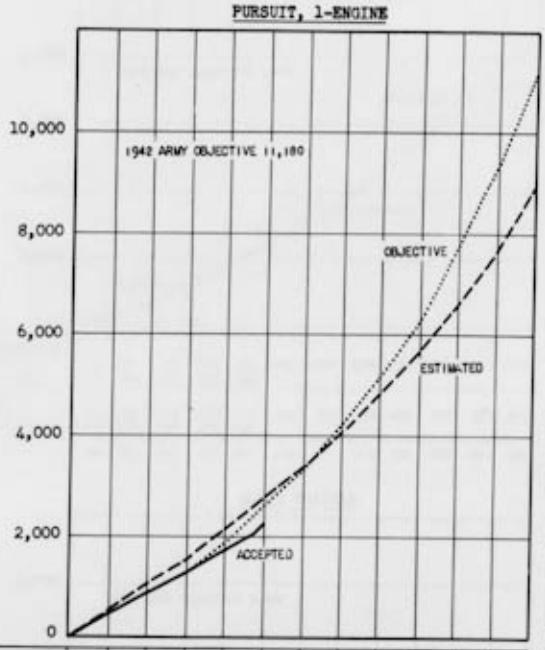


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	84	194	330	495	678	882	1110	1369	1665	2009	2390	2839
1942 CUMULATIVE ACCEPTANCES	82	216	372	543	721							
MONTHLY ESTIMATE	84	110	136	165	183	204	228	259	296	344	389	441
MONTHLY ACCEPTANCES	82	134	156	171	178							

ARMY AIRPLANE PROCUREMENT - MAY 31, 1942

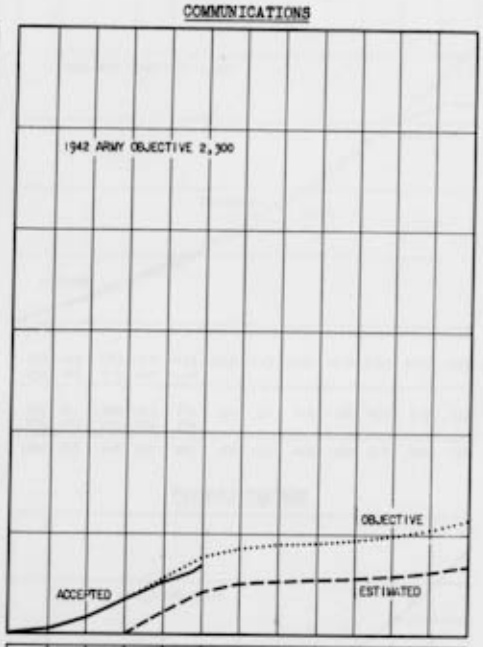
Source of Information: Objectives and Estimates: 8-Series - WPB
Acceptances: Statistical Control - AAF

PURSUIT, 1-ENGINE



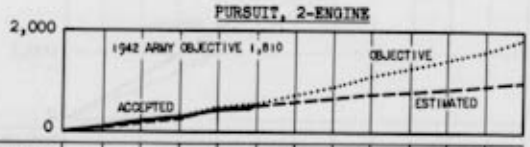
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	531	1064	1562	2129	2729	3346	4060	4814	5683	6615	7683	8884
1942 CUMULATIVE ACCEPTANCES	464	864	1327	1760	2242							
MONTHLY ESTIMATE	531	533	498	567	600	617	714	754	869	932	1068	1201
MONTHLY ACCEPTANCES	464	400	463	433	482							

COMMUNICATIONS



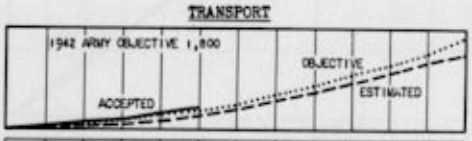
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	0	0	0	454	869	1036	1044	1067	1110	1175	1260	1364
1942 CUMULATIVE ACCEPTANCES	99	378	697	1058	1353							
MONTHLY ESTIMATE	0	0	0	454	415	167	8	23	43	65	85	104
MONTHLY ACCEPTANCES	99	279	319	361	295							

PURSUIT, 2-ENGINE



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	101	216	316	454	535	606	676	746	797	849	916	996
1942 CUMULATIVE ACCEPTANCES	106	233	333	434	534							
MONTHLY ESTIMATE	101	115	100	138	81	71	70	70	51	52	67	80
MONTHLY ACCEPTANCES	106	127	100	101	100							

TRANSPORT

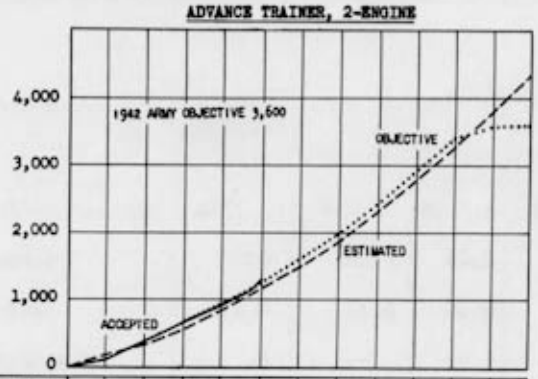


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	29	53	105	187	285	419	589	761	935	1125	1304	1532
1942 CUMULATIVE ACCEPTANCES	51	108	191	322	411							
MONTHLY ESTIMATE	29	24	52	82	98	134	170	172	174	190	179	228
MONTHLY ACCEPTANCES	51	57	83	131	89							

ARMY AIRPLANE PROCUREMENT - MAY 31, 1942

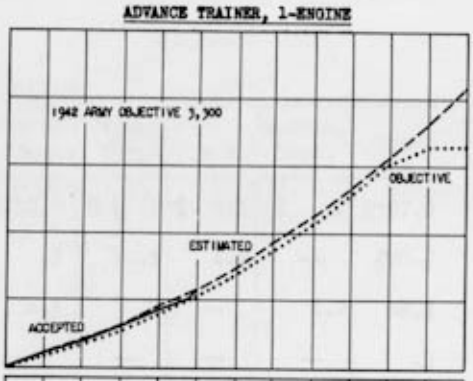
Source of Information: Objectives and Estimates: S-Series - WPB
Acceptances: Statistical Control - AAF

ADVANCE TRAINER, 2-ENGINE



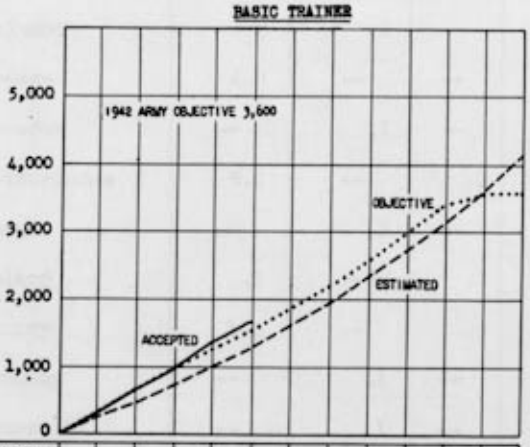
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	161	341	559	845	1159	1493	1856	2308	2793	3300	3823	4360
1942 CUMULATIVE ACCEPTANCES	135	388	668	946	1292							
MONTHLY ESTIMATE	161	180	218	286	314	334	363	452	485	507	523	537
MONTHLY ACCEPTANCES	135	253	280	278	346							

ADVANCE TRAINER, 1-ENGINE



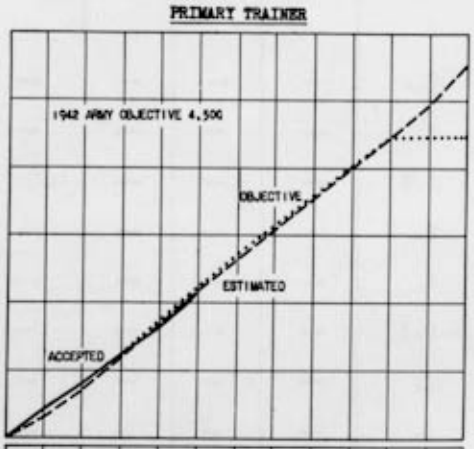
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	232	443	663	910	1184	1492	1843	2252	2692	3167	3677	4222
1942 CUMULATIVE ACCEPTANCES	232	407	619	869	1145							
MONTHLY ESTIMATE	232	211	220	247	274	308	351	409	440	475	510	545
MONTHLY ACCEPTANCES	232	175	212	250	276							

BASIC TRAINER



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	242	492	749	1013	1301	1626	1964	2345	2750	3183	3643	4133
1942 CUMULATIVE ACCEPTANCES	327	678	1003	1341	1666							
MONTHLY ESTIMATE	242	250	257	264	288	325	338	381	405	433	460	490
MONTHLY ACCEPTANCES	327	351	325	338	325							

PRIMARY TRAINER



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1942 CUMULATIVE ESTIMATE	340	734	1211	1696	2218	2673	3098	3557	4020	4491	4986	5506
1942 CUMULATIVE ACCEPTANCES	447	790	1279	1660	2152							
MONTHLY ESTIMATE	340	394	477	485	522	455	425	459	463	471	495	520
MONTHLY ACCEPTANCES	447	343	489	381	492							

NOTE: TRAINER ESTIMATES FOR ALL CUSTOMERS IN 1942 ARE 30 PERCENT IN EXCESS OF THE PRESIDENTIAL OBJECTIVE OF 15,000 UNITS. THE OBJECTIVES ABOVE REPRESENT THE ESTIMATE FOR EACH TYPE REDUCED IN PROPORTION TO ITS WEIGHT IN THE TOTAL ESTIMATE. THE ENTIRE U. S. TRAINER OBJECTIVE HAS BEEN ASSIGNED TO THE ARMY AS DIRECT PROCUREMENT OF THIS TYPE BY OTHER AGENCIES IS NEGLIBLE.

TABULAR SUMMARY - TRANSFERS - INTERNATIONAL AID - CUMULATIVE AS OF MAY 15, 1942

Source of Information: International Division

MILLION DOLLARS

	Ordnance Dept.	Air Corps	Q.M.C.	Corps of Engineers	Signal Corps	C.W.S.	Medical Dept.	Total
United Kingdom	$271.4	$197.0	$101.5	$ 10.0	$ 11.7	$ 6.1	$ .2	$597.9
Russia	90.0	101.5	63.1	.3	10.5	4.9	--	270.3
China	14.2	25.4	24.8	2.5	.7	--	1.2	68.8
Belgium	.5	--	--	--	--	--	--	.5
Brazil	2.5	3.3	1.3	--	--	--	--	7.1
Canada	.3	--	--	--	--	.1	--	.4
Chile	.3	.4	--	--	--	--	--	.7
Columbia	--	.1	--	--	--	--	--	.1
Greece	4.3	--	--	--	--	--	--	4.3
Ecuador	--	.1	--	--	--	--	--	.1
Netherlands	5.0	--	.1	3.0	--	--	--	8.1
Peru	--	.3	--	--	--	--	--	.3
Poland	.1	--	.1	--	--	--	--	.2
Turkey	1.4	--	.5	--	--	--	--	1.9
Uruguay	--	.1	--	--	--	--	--	.1
Venezuela	--	.1	--	--	--	--	--	.1
General and Administrative	2.3	.2	.1	.3	--	--	--	2.9
Total	$392.3	$328.5	$191.5	$ 16.1	$ 22.9	$ 11.1	$ 1.4	$963.8

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, June 3, 1942

For the first time since Pearl Harbor editorial interest in the war with Germany has risen above the volume of interest in the war with Japan. From early December to the latter part of March the war with Japan evoked about four times as much interest as did the war with Germany. Since that time the balance has been shifting. It tilted rather sharply toward increased interest in the war with Germany when the newspapers told us of General Marshall's arrival in London.

Interest in the war in Europe has continued at relatively high levels since that time and now it is General Marshall who has again lifted it. He has done it so decisively by his announcement of our intention to invade Europe that in this past week the lines have actually crossed and the war with Germany has become the subject of transcendent interest.

SECRET

RELEASED

WEEKLY STATISTICAL SUMMARY

NUMBER 50
JUNE 11, 1942

STATISTICAL SERVICE
SERVICES OF SUPPLY
WAR DEPARTMENT

WEEKLY STATISTICAL SUMMARY
REPORT NO. 50
JUNE 11, 1942

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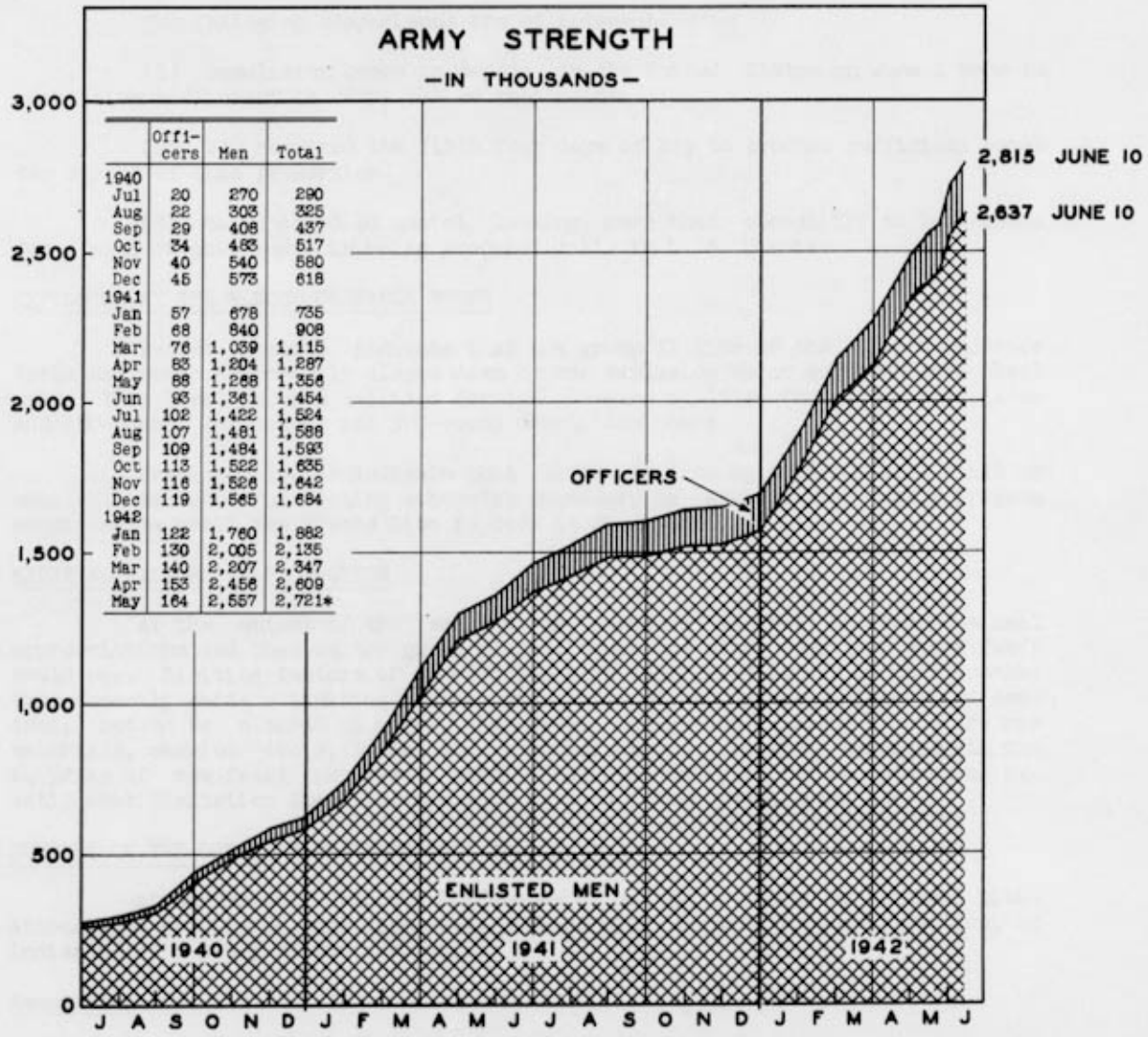
SECRET

ARMY STRENGTH - JUNE 11, 1942

Source of Information: Statistics Branch, General Staff



	Officers	Men	Total
1940			
Jul	20	270	290
Aug	22	303	325
Sep	29	408	437
Oct	34	483	517
Nov	40	540	580
Dec	45	573	618
1941			
Jan	57	678	735
Feb	68	840	908
Mar	76	1,039	1,115
Apr	83	1,204	1,287
May	88	1,268	1,356
Jun	93	1,361	1,454
Jul	102	1,422	1,524
Aug	107	1,481	1,588
Sep	109	1,484	1,593
Oct	113	1,522	1,635
Nov	116	1,526	1,642
Dec	119	1,565	1,684
1942			
Jan	122	1,760	1,882
Feb	130	2,005	2,135
Mar	140	2,207	2,347
Apr	153	2,456	2,609
May	164	2,557	2,721*

* Estimates