

Reports: Weekly statistical 11/30-12/4/40

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WEEKLY STATISTICAL REPORT

SUMMARY

No. 22

RELEASED

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DIRECTOR, STATISTICS BRANCH

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STATISTICS BRANCH
OFFICE OF THE ASSISTANT SECRETARY OF WAR
WAR DEPARTMENT

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Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

No. 22

November 30, 1940

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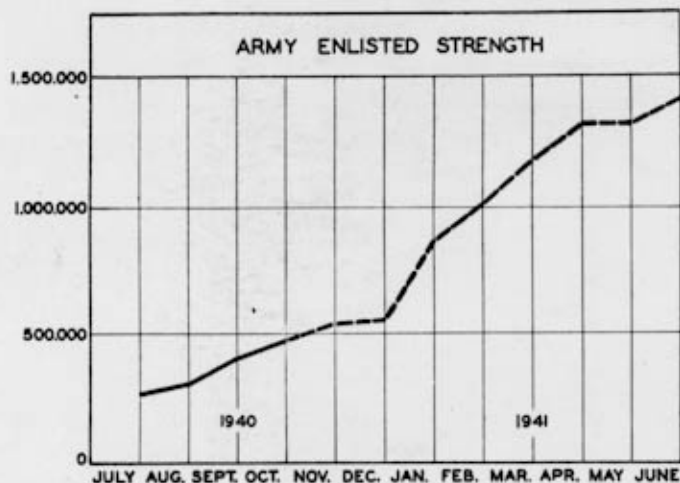
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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

Source of information: Statistics Branch, General Staff. Nov. 18, 1940

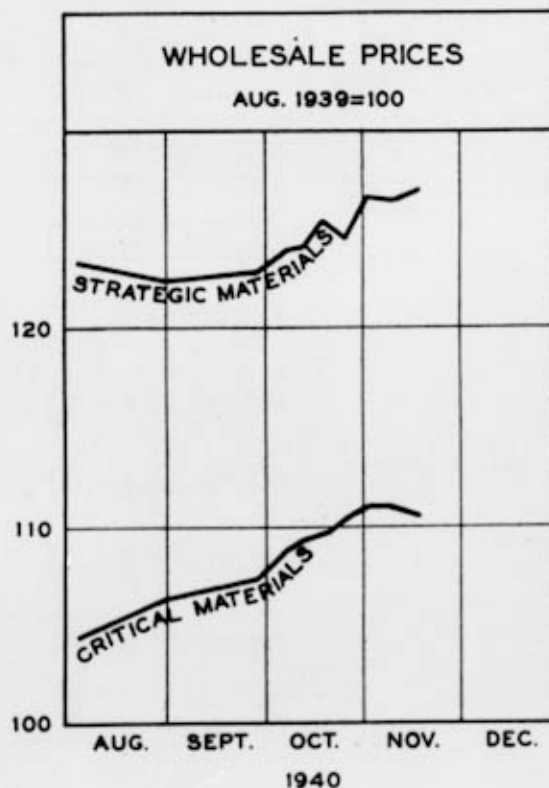


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,293
Oct.	474,883
Nov.	540,659
Dec.	550,659
Jan. 1941	858,673
Feb.	1,028,835
Mar.	1,178,835
Apr.	1,328,835
May	1,328,835
June	1,418,000

PRICES

Recent slight increases in prices of strategic materials have resulted from price advances in goods such as manila fiber and raw silk obtained from the Far East. Price advances in critical materials are those of hides, leather and wool.

Source of information: Indexes compiled by ACCND.



COMMITMENTS FOR MUNITIONS AND FACILITIES

The most important current effort of the Supply Arms and Services is that of placing over six and a half billion dollars worth of business from appropriated funds. Nearly 70 percent of that business has been placed.

Source of Information: Weekly Progress Report - Stat. Br., OASW - Nov. 22, 1940

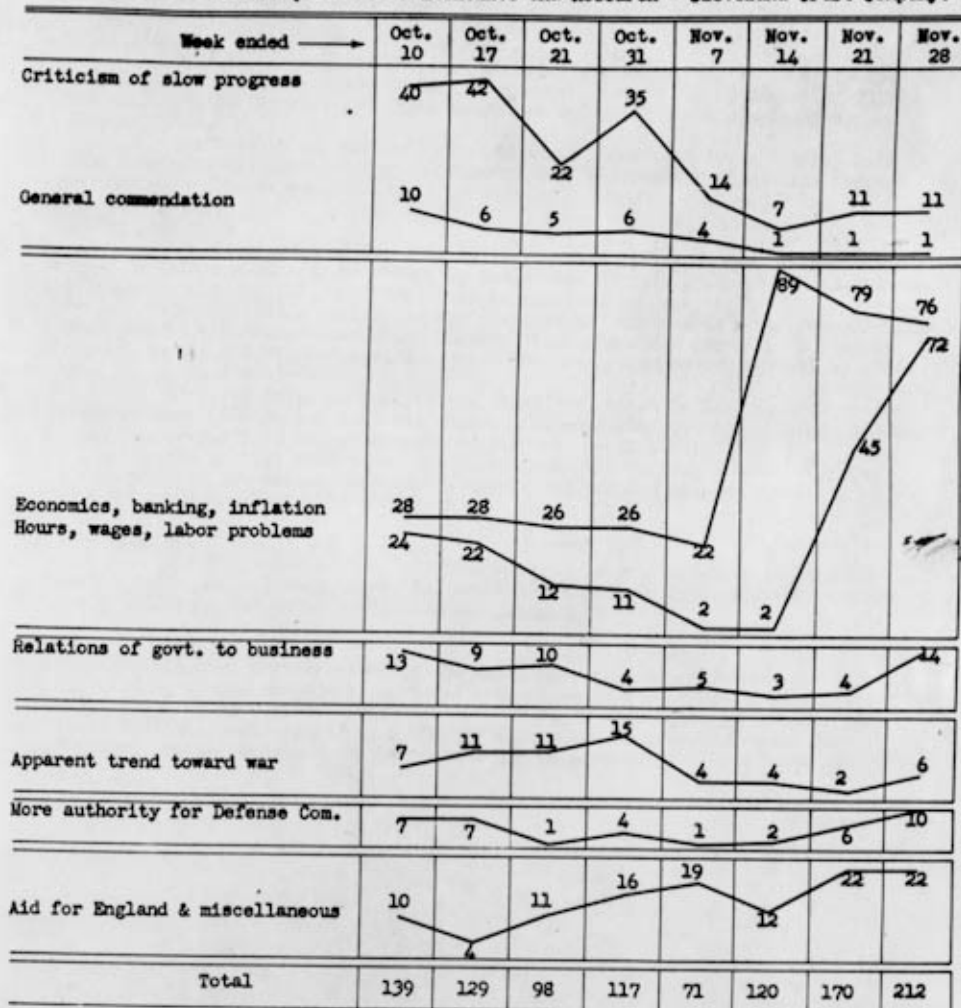
	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent Obligated to Nov. 14</u>
AIR CORPS	\$2,211,772,898	71.8
ORD. DEPT.	\$1,871,733,292	75.2
Q. M. C.	\$1,319,174,969	43.6
FAC. FOR EXP. a/	\$856,475,000 b/	34.6
SIG. CORPS	\$169,212,328	75.2
CORPS OF ENG.	\$ 77,693,691	62.2
CHEM. WAR. SER.	\$ 44,827,422	81.4
MED. DEPT.	\$ 39,429,388	43.3
C. A. C.	\$ 1,268,889	72.5
TOTAL	\$6,591,587,877	68.6

a/ NOTE: The abbreviation FAC. for EXP. refers to New Facilities for Expediting Production.

b/ NOTE: Includes \$44,275,000 from M.A.A. 1941 appropriated direct to S.A.S.

EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of leading newspapers in large cities of the 12 Federal Reserve Districts, by weeks ended as shown.

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



TEXT SUMMARY - ORDNANCE DEPARTMENT - TANKS, SCOUT CARS, and CARRIERS

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

LIGHT TANK

Output has recently averaged 46 tanks per month, and it is estimated that deliveries will increase to 163 in December, and to 290 by August of 1941. The total deliveries of 3,454 light tanks are scheduled to be completed by January, 1942.

The hull is the controlling component. Contracts for all hulls have been made with the American Car and Foundry Co. Contracts for gasoline engines and those for Diesel engines have been made.

MEDIUM TANK

The first unit of an order for 126 medium tanks has been delivered by the Rock Island Arsenal. Peak monthly deliveries on this order are estimated at 19 tanks in March, 1941, the completion is expected in June, 1941.

In June, 1941 deliveries are expected to start on an order for 600 hulls, awarded to the American Locomotive Company, and on another order for 605 hulls awarded to the Baldwin Locomotive Works. The completion on both orders is scheduled for June, 1942.

Chrysler Corp. is expected to begin deliveries in August, 1941 on its contract for 1,000 hulls, and this contract is scheduled to be completed in July, 1942. A new plant is being constructed for this production.

The British Government has placed with the Pullman Standard Car Co., a contract for 500 medium tank hulls, and is negotiating similar contracts with five other manufacturers in this country.

SCOUT CAR

The 274 units in the F.Y. 1940 Program have been delivered by White Motor Company. Including these, 922 are scheduled to be delivered before 1941. The remaining 1,779 units are all under contract.

PERSONNEL CARRIER

Initial deliveries under the contract with Autocar Company for 1,382 half-track, 13-man personnel carriers, are scheduled for August, 1941 and final deliveries for May, 1942. Schedules for the 2,520 additional units under contract have not been reported. 2,000 are to be made by Diamond T Motor Car Company. White Motor Company has contracted to make 4,908 of the 8-man carriers.

TEXT SUMMARY - ORDNANCE DEPARTMENT - GUNS, MORTARS, and MACHINE GUNS

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

GUN, 37mm - TANK AND ANTITANK

No estimated delivery schedules for complete units other than 329 Tank guns (to be completed in February, 1941) and 1,190 Antitank guns (to be completed in August, 1941) have been reported. All these guns and their component parts have been contracted for with the exception of 2,911 Telescopes, M6, for the Antitank guns.

Deliveries of 4,467 Tank guns are estimated to begin with 200 in February, 1941, to reach a monthly rate of 280 in May, and to be completed in August, 1942.

GUN, 37mm - AIRCRAFT AND ANTIAIRCRAFT

No delivery schedule on the 1,068 Aircraft guns ordered from Colt Patent Firearms Company has been reported. All component parts except 1,139 telescopes have been ordered.

Estimated delivery schedule reported on 1,793 Antiaircraft guns calls for an increase to nearly 50 deliveries per month after July, 1941 and for completion in November, 1942.

GUN, 20mm - AUTOMATIC AIRCRAFT

Bendix has contracted to make 1,202 of these guns.

MORTARS

Deliveries of 9,762 of the 60mm (cavalry) mortars are being made at the rate of 137 units monthly, and are estimated to increase to a peak of 550 in August, 1941, and to be completed in October, 1942.

Deliveries of the 81mm (infantry) mortars are being made at about 75 per month, are scheduled to rise to a peak of 300 in June, 1941, and to be completed in December, 1941.

MACHINE GUNS

A total of 95,548 Cal.50 Machine Guns is being procured (including 18,640 guns for the Navy). Of this total 5,661 guns are being made by Colt Patent Firearms Co., which estimates completion of these orders in May, 1941. The balance of 89,887 guns have been placed under contract with General Motors Corp., and Savage Arms Corp. General Motors is starting to build three new plants and Savage Arms is adding to existing capacity. It is expected it will require approximately one year to complete these plants, install necessary machinery and begin production.

Current procurement of new Cal.30 Machine Guns totals 52,273 units (including 4,376 for the Navy). Colt Patent Firearms Co. is currently manufacturing 9,361 guns and is estimated to complete production in May, 1942. The remaining 42,912 guns have been ordered from General Motors and Savage Arms which are expected to begin production in about a year when their new plants are built.

The modernization program calls for a total of 43,133 Cal.30 guns to be changed to the Browning 1919A4, Fixed and Flexible, and the 1917A1, Water Cooled, models by Rock Island Arsenal. Estimated monthly delivery schedules have been reported for 25,439 units, with completion placed in December, 1941. Deliveries are currently about 960 a month.

ORDNANCE-MATERIEL PROCUREMENT-OCTOBER 31, 1940

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

Item	Procurement Program F.Y. '40-'41	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
<u>Combat Vehicles</u>					
Tank, light	3488 a/	3488 a/	100	269 b/	8
Tank, medium	2496	1811	73	2	-
Scout car	2701	2701	100	432	16
Personnel carrier, 8-man	5445	5445	100	0	0
Personnel carrier, 13-man	3902	3902	100	0	0
Machine gun, Cal.50, H.B.	7753	7753	100	c/	-
Machine gun, Cal.30, Var.	48402	48402	100	3193	7
Submachine gun, Cal.45	21348	21348	100	1526	7
Gun, 37mm, tank	6040	6040	100	320	5
Gun, 75mm, tank	2513	2513	100	0	0
<u>Antiaircraft</u>					
Gun, 3"	152	152	100	48	32
Gun, 90mm	1203	414	34	0	0
Gun, 37mm, A.A.	3310 d/	3310 d/	100	186 d/	6
Machine gun, Cal.50, W.C.	3407	3311	97	96	3
<u>Artillery</u>					
Gun, 75mm, H.S.	1331	1331 e/	100	202	15
Howitzer, 75mm, field & pack	958	958	100	16	2
Howitzer, 105mm	2728	240	9	0	0
Gun, 155mm	392	392	100	0	0
Howitzer, 155mm, H.S.	1436 f/	1436 f/	100	174 f/	12
<u>Small Arms</u>					
Rifle, Cal.30, M1, semiauto.	453260	453260	100	60088	13
Machine gun, Cal.30, Var.	18546	18546	100	0	0
Machine gun, Cal.50, H.B.	4201	4201	100	972 g/	23
Gun, 37mm, antitank	4646	4646	100	298	6
Mortar, 60mm	10162	10162	100	522	5
Mortar, 81mm	3419	3419	100	274	8
<u>Aircraft Armament</u>					
Machine gun, Cal.30, fix. & fl.	28458 h/	28458	100	3633	13
Machine gun, Cal.50, fix. & fl.	80283 i/	80283	100	2483	3
Gun, 20mm, automatic A.C.	2489 j/	1202	48	0	0
Gun, 37mm, automatic A.C.	1068	1068 k/	100	0	0

a/ Includes contract for 34 combat cars.

b/ Delivery of 21 combat cars included.

c/ Included in Small Arms.

d/ Includes incompleted F.Y. 1939 contract for 115, for which no October data is available.

e/ Except 1089 telescopes, panoramic.

f/ Includes completed F.Y. 1940 contract for 169. No October data available.

g/ Includes few for combat vehicles-number not available.

h/ Includes 4376 for Navy.

i/ Includes 18,640 for Navy.

j/ Includes 500 for Navy.

k/ Status of telescopes indefinite.

ORDNANCE-AMMUNITION PROCUREMENT-OCTOBER 31, 1940

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

Item	Procurement Program F.Y. '40-'41	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
<u>Antiaircraft</u>					
Shell, 3" H.E.	1923	338	18	0	0
Shell, 37mm	4482	2916	65	0	0
Shell, 90mm	2761	1113	40	0	0
<u>Artillery</u>					
Shell, H.E., 75mm Howitzer	4037	268	7	118	3
Shell, smoke, 75mm Howitzer	474	39	8	0	0
Shell, A.P., 75mm tank & antitank	529	0	0	0	0
Shell, H.E., superchg. 75mm gun	1181	1181	100	0	0
Shell, gas, 75mm gun	763	763	100	0	0
Shell, H.E., 105mm Howitzer	6711	708 <u>a/</u>	11	0	0
Shell, smoke, 105mm Howitzer	735	98	11	0	0
Charge, prop. 155mm gun	446 <u>a/</u>	202	45	16	4
Charge, prop. 155mm Howitzer	2446	504	21	53	2
Shell, H.E. 155mm gun <u>b/</u>	401	214 <u>a/</u>	53	0	0
<u>Small Arms & Miscellaneous</u>					
Cartridge, Cal.30	1440957	951337	66	84236	6
Cartridge, Cal.45, M.G.&Pistol	189171	189171	100	8452	4
Cartridge, Cal.50	668659	588568	88	14813	2
Link belt, Cal.30	358932	358932	100	39458	11
Link belt, Cal.50	624856	624856	100	12454	2
37mm tank & antitank gun	5656 <u>a/</u>	1190	21	7	-
Shell, 60mm mortar, H.E.	5506	2346	43	0	0
Shell, 81mm, H.E.	2796 <u>a/</u>	381 <u>a/</u>	14	6	-
Shell, smoke, 81mm	353	70	20	0	0
Mines, antitank	2050 <u>a/</u>	2050 <u>a/</u>	100	0	0
<u>Aircraft</u>					
Bomb, demo., 1000 lbs	11	11	100	0	0
Bomb, demo., 500 lbs	151 <u>a/</u>	41 <u>a/</u>	27	1	-
Bomb, demo., 300 lbs	151	84 <u>a/</u>	56	2	1
Bomb, demo., 100 lbs	367	167 <u>a/</u>	46	5	1
Bomb, practice, 100 lbs	3152	80	3	88	3
Bomb, smoke, large	124	0	0	0	0
Bomb, smoke, small	60	58	97	0	0
Bomb, frag.	1719	378 <u>a/</u>	22	0	0
Bomb, photoflash	16	16	100	0	0
Flares	256	239 <u>a/</u>	93	13	5
Signal, drift	107	107	100	0	0
Shell, 37mm automatic	1113	322	29	0	0
Shell, 20mm automatic	2836	0	0	0	0

a/ Data Revised.

b/ With Fuze.

TABULAR SUMMARY - ORDNANCE - TACTICAL MATERIAL - NOV. 23, 1940

Source of Information: Supply Branch, Equip. Div., Field Service, Ord. Dept.

Item	Requirement		Stocks in hands		Percent of requirement	
	2,000,000 men	Number	Number	Number		
<u>Combat Vehicles</u>						0 20 40 60 80 100
Tank, light	3626		425		12	
Tank, medium	2513		19		1	
Scout car	2794		731		26	
Personnel carrier, 8-man	5456		0		0	
Personnel carrier, 13-man	3902		0		0	
Machine gun, Cal.50, H.B.	8250		329		4	
Machine gun, Cal.30, Var.	48402		2906 a/		10	
Submachine gun, Cal.45	33036		1322		4	
Gun, 37mm, tank	6037		166		3	
Gun, 75mm, tank	2513		0		0	
<u>Antiaircraft</u>						
Gun, 3"	)		500)			
	) 1819		)		27	
Gun, 90mm	)		0)			
Gun, 37mm, A.A.	3322		66		2	
Machine gun, Cal.50, W.C.	4215		834		20	
<u>Artillery</u>						
Gun, 75mm, H.S.	1471		1348		92	
Gun, 75mm, unmodified & other	—		2280		155	155
Howitzer, 75mm, field & pack	966		97		10	
Howitzer, 105mm	2727		14		1	
Gun, 155mm	395		4		1	
Gun, 155mm, older models, H.S.	710		144		20	
Gun, 155mm, older unmodified	—		791		111	111
Howitzer, 155mm, H.S.	1909		684		36	
Howitzer, 155mm, unmodified	—		1417		74	
<u>Small Arms</u>						
Rifle, Cal.30, M1, semiauto	470700		79174		17	
Machine gun, Cal.30, Var.	18546		951 a/		5	
Machine gun, Cal.50, H.B.	4013		440		11	
Gun, 37mm, antitank	4828		487		10	
Mortar, 60mm	9555		542		6	
Mortar, 81mm	3211		427		13	
<u>Aircraft Armament</u>						
Machine gun, Cal.30, fix. & fl.	30898		— b/		—	
Machine gun, Cal.50, fix. & fl.	72414		— b/		—	
Gun, 20mm, automatic A.C.	1666		0		0	
Gun, 37mm, automatic A.C.	1113		39		4	

a/ Incomplete reports available. b/ Not available.

a/ Incomplete reports available. b/ Not available.

Older models

Ordnance

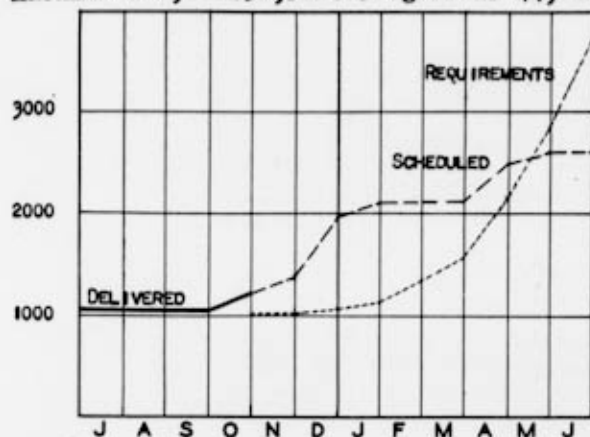
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STATISTICS BRANCH
OASW - WAR DEPARTMENT
11-30-40

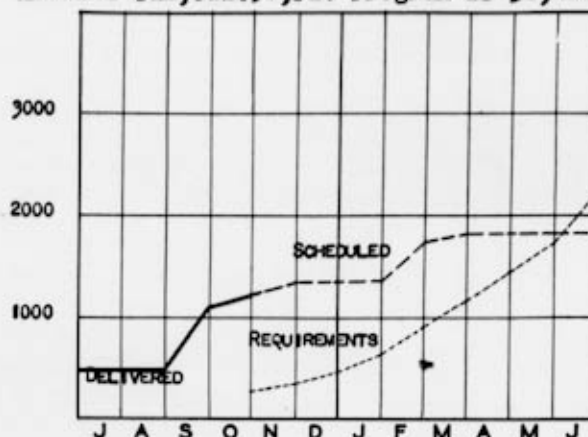
AIRPLANE EQUIPMENT, - REQUIREMENTS, SCHEDULED & DELIVERED - Oct. 31, 1940

Source of Information: War Plans Div., General Office, Nov. 19, 1940

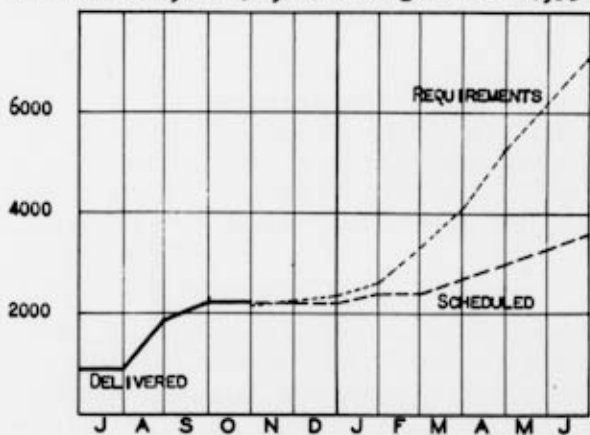
Machine Gun, Cal. 50, Fix. Program is 44,022



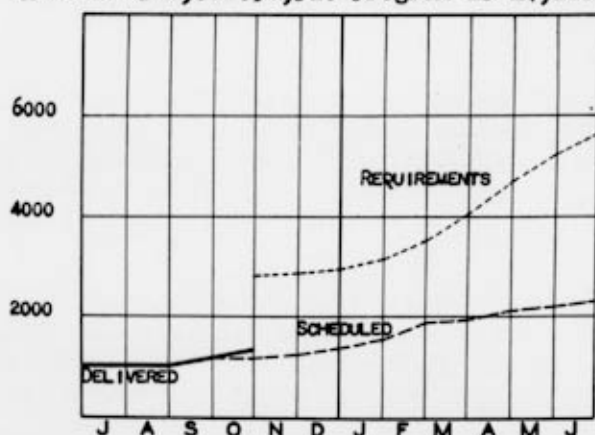
Machine Gun, Cal. 50, Fl. Program is 36,261



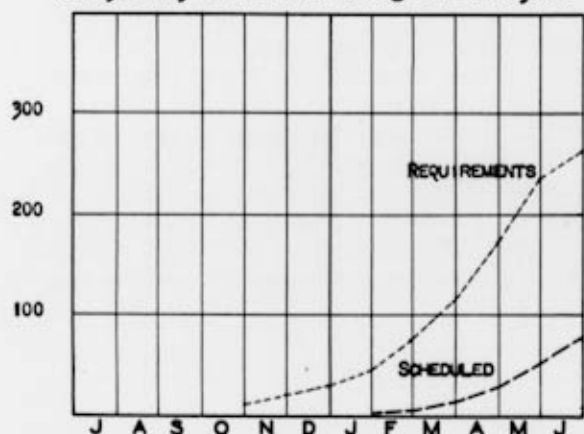
Machine Gun, Cal. 30, Fix. Program is 14,337



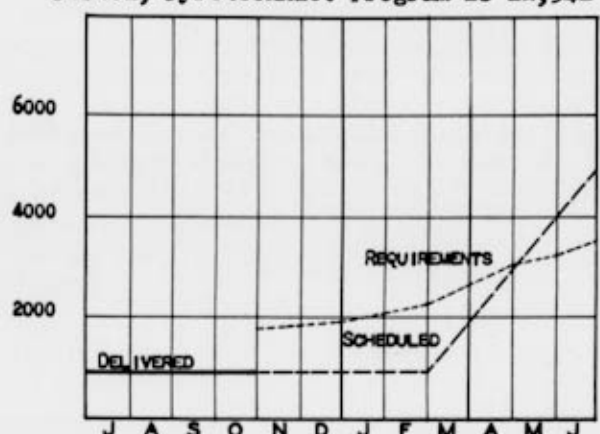
Machine Gun, Cal. 30, Fl. Program is 14,121



Gun, 37mm, Fix. & Fl. Program is 1,068



Pistol, Pyrotechnic. Program is 12,341



TEXT SUMMARY - AIR CORPS - PLANES

Source of Information: Materiel Division, O.C.A.C.

Generally the Air Corps Program shows satisfactory progress with approximately 72% of the F.Y. 1941 Funds obligated. This figure was supported in the past months primarily by the placing of all airframe contracts with the total program committed with the exception of 714 planes. Of the latter figure plans are complete but no formal contract has been placed to date.

The engine program has shown marked improvement in the past month with the placing of contracts for some 19,997 engines at a cost of \$310,814,468. With the placing of these recent contracts, the engine program delivery schedule should progress satisfactorily although production will be dependent on new plant expansion and a normal delivery lag will be expected.

COMBAT:

The delivery of Heavy Bombers has been most satisfactory with deliveries now 30 units ahead of schedule and although Medium and Light Bombers are delinquent with no deliveries to date the cause appears to be minor installation difficulties and should be readily overcome. With the correction of these construction problems, future deliveries will depend upon the ability to coordinate engine and airframe production.

Pursuit Fighter, Pursuit 1-Engine and Observation are only slightly behind schedule at present but show an unhealthy trend due primarily to shortage of contractor furnished parts, engines and skilled labor. These difficulties may not be corrected until the present expansion program reaches a productive stage.

TRAINING:

The delivery of Primary and Basic Training planes has been steady and the combined figure is now well ahead of contract schedule. The fact that Fairchild is slightly behind their individual schedule is due to shortage of contractor furnished parts. This delinquency, however, is well overcome by other manufacturers being ahead of their delivery schedule. The Advance Trainers 2-Engine are at present 2 units behind schedule but this constitutes a new contract with the first deliveries scheduled in October. However, further difficulty is expected in the immediate future inasmuch as Curtiss-St. Louis find it necessary to redesign their product and a delay of approximately 8 weeks is estimated.

Air Corps

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STATISTICS BRANCH
OASW - WAR DEPARTMENT
11-30-40

TEXT SUMMARY - AIR CORPS - ENGINES

Source of Information: Materiel Division, O.C.A.C.

Contracts have been placed for the entire engine program with the exception of 1214 Pursuit Fighters and 2520 Pursuit 1-Engine. Of the latter figure contracts are at present being negotiated with the Allison Engine Company for all but 1054 units.

COMBAT:

Deliveries of Heavy Bomber and Light Bomber engines are well ahead of schedule but Medium Bomber engine deliveries are in arrears. The cause of the failure of Medium Bomber deliveries to keep up with contract schedule rests primarily with the Wright Aero. Corporation. This manufacturer has been delinquent since the inception of the contract apparently due to production difficulties and, although a considerable number of units have been promised this month the contractor has been unable to comply.

The Allison Engine Company has so far been unable to keep up with their contract schedule for Pursuit Fighters and Pursuit 1-Engine primarily due to difficulty encountered in their present expansion program. Inasmuch as this company is the primary contractor for these engines, no improvement can be expected until their new plant is on a production basis. Pratt & Whitney and Lycoming are both ahead of delivery schedules for Observation engines and no difficulty is anticipated for the duration of the contracts.

TRAINING:

The delivery of engines for Training planes is progressing very satisfactorily with Primary Training and Basic Training well ahead of schedule and no deliveries scheduled to date for the Advance Trainers, 2-Engine.

TABULAR SUMMARY - AIRPLANES AND ENGINES - SCHEDULED AND DELIVERED - AS OF NOVEMBER 23, 1940.

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES

	1045 Heavy Bomber		2216 Medium Bomber		1280 Light Bomber	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	2	2	39	26	3	0
Aug.	3	10	41	34	7	0
Sep.	5	17	47	38	13	0
Oct.	7	32	59	38	17	0
Nov.	15	37*	79	38*	18	0
Dec.	27		108		22	
Jan. 1941	45		147		39	
Feb.	71		202		70	
Mar.	98		262		111	
Apr.	122		322		159	
May	143		386		209	
June	180		431		266	

	696 Pursuit Fighter		4003 Pursuit 1-Engine		1123 Observa- tion	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	11	7	111	66	3	0
Aug.	16	7	161	123	4	0
Sep.	18	8	214	176	4	1
Oct.	21	10	228	204	8	1
Nov.	21	10*	234	204*	14	1*
Dec.	24		243		24	
Jan. 1941	46		268		41	
Feb.	67		335		66	
Mar.	89		452		97	
Apr.	89		626		144	
May	89		820		191	
June	129		1028		270	

	3540 Primary Training		3051 Basic Training		1082 Adv. Trng. 2-Engine	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	282	216	163	241	-	-
Aug.	385	325	224	296	-	-
Sep.	445	456	293	350	-	-
Oct.	528	592	362	391	2	0
Nov.	611	654*	431	445*	8	0
Dec.	645		570		18	
Jan. 1941	842		681		34	
Feb.	1073		761		56	
Mar.	1244		831		99	
Apr.	1465		901		184	
May	1645		976		304	
June	1865		1051		442	

ENGINES FOR INSTALLATION

	4184 Heavy Bomber		4356 Medium Bomber		2442 Light Bomber	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
	32	64	18	3	183	165
	60	72	42	3	223	192
	100	100	74	3	250	237
	136	159	120	6	250	290
	188		176		319	
	252		238		417	
	350		318		509	
	448		402		649	
	532		486		801	
	604		566		981	
	624		572		1181	
	639		614		1381	

	180 Pursuit Fighter		1483 Pursuit 1-Engine		1895 Observa- tion	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
	22	26	77	125	79	80
	22	26	158	197	94	102
	78	28	240	216	110	165
	128	29	248	218	124	184
	178		259		149	
	180		277		170	
			300		215	
			343		260	
			390		305	
			445		345	
			500		345	
			545		345	

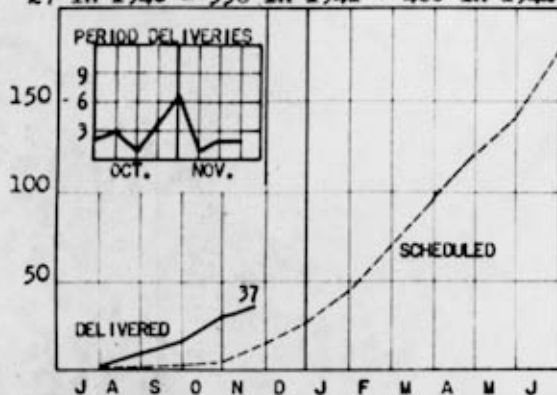
	1924 Primary Training		3051 Basic Training		2164 Adv. Trng. 2-Engine	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
	277	343	364	369	-	-
	327	351	433	453	-	-
	380	442	521	512	-	-
	465	519	600	568	-	-
	549		641		20	
	635		696		65	
	695		699		165	
	755		718		295	
	880		738		425	
	1030		758		555	
	1180		778		699	
	1330		798		869	

* The delivery figures are cumulative to November 23, 1940.

AIRPLANES

1045 HEAVY BOMBERS

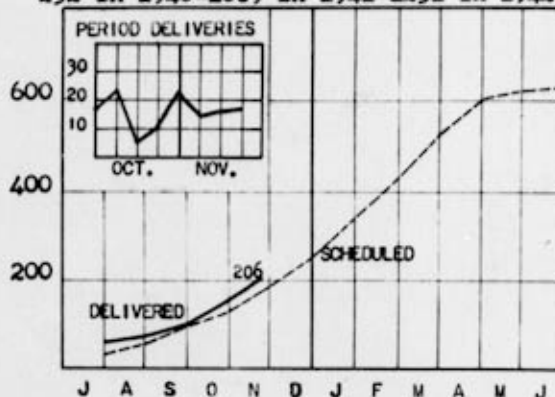
27 in 1940 - 558 in 1941 - 460 in 1942



ENGINES

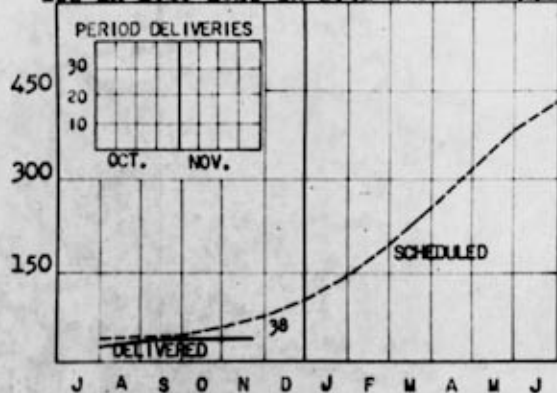
4184 HEAVY BOMBERS

252 in 1940-1069 in 1941-1231 in 1942



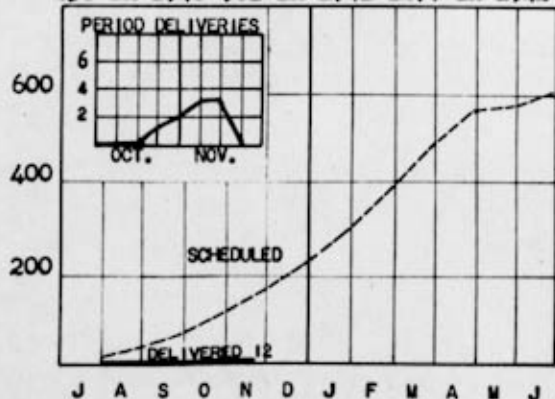
2216 MEDIUM BOMBERS

108 in 1940-1028 in 1941-1080 in 1942



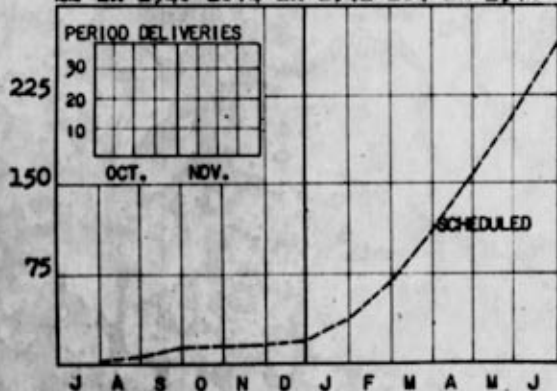
4356 MEDIUM BOMBERS

238 in 1940-961 in 1941-1297 in 1942



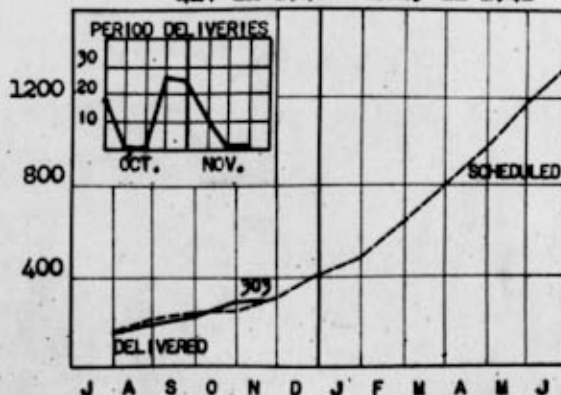
1280 LIGHT BOMBERS

22 in 1940-1074 in 1941-184 in 1942



2442 LIGHT BOMBERS

417 in 1940 - 2025 in 1941



*COMPLETE SCHEDULE NOT AVAILABLE

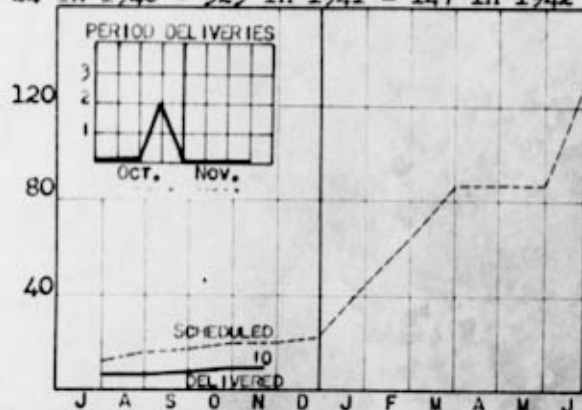
Air Corps

-14-

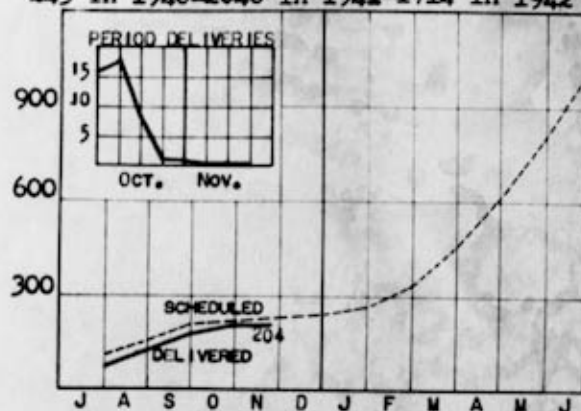
STATISTICS BRANCH
GASW - WAR DEPARTMENT
11-30-40

AIRPLANES

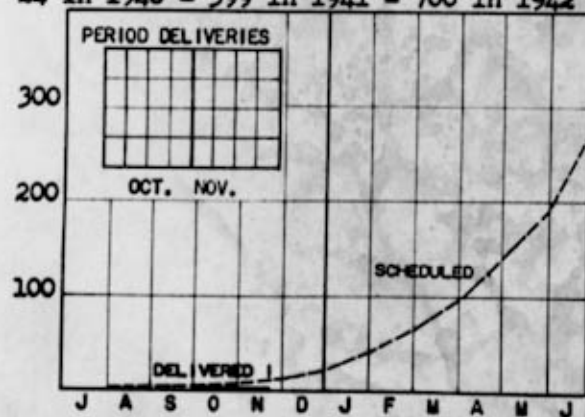
696 PURSUIT, FIGHTER
24 in 1940 - 525 in 1941 - 147 in 1942



4003 PURSUIT, 1-ENGINE
243 in 1940 - 2046 in 1941 - 1714 in 1942



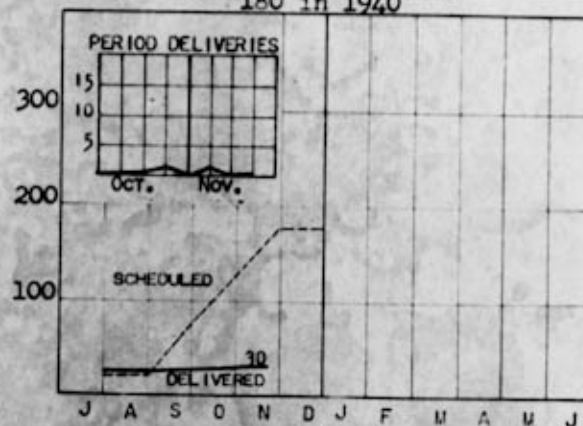
1123 OBSERVATION
24 in 1940 - 399 in 1941 - 700 in 1942



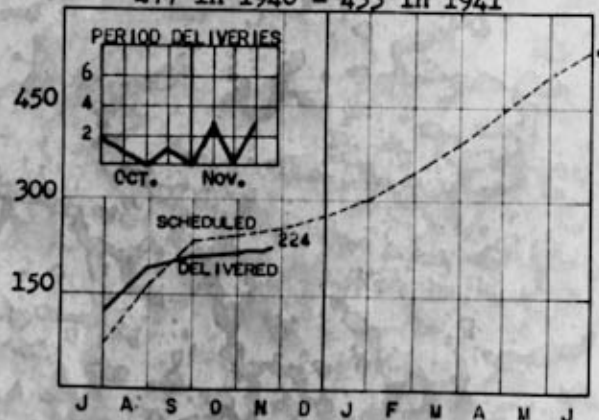
*COMPLETE SCHEDULE NOT AVAILABLE

ENGINES

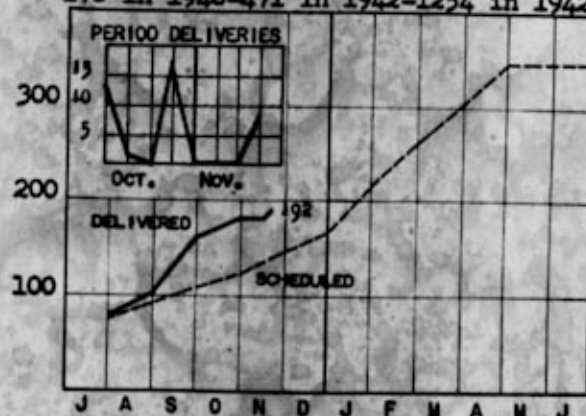
180 PURSUIT FIGHTER
180 in 1940



1483 PURSUIT, 1-ENGINE
277 in 1940 - 433 in 1941



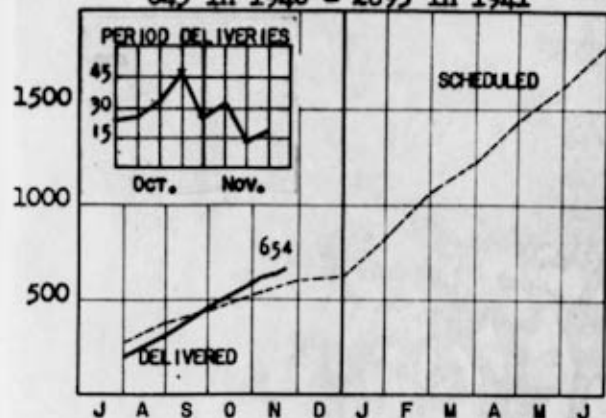
1895 OBSERVATION
170 in 1940 - 471 in 1941 - 1254 in 1942



AIRPLANES

3540 PRIMARY TRAINING

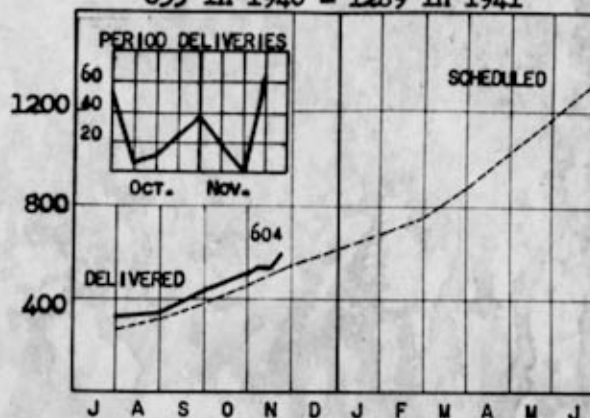
645 in 1940 - 2895 in 1941



ENGINES

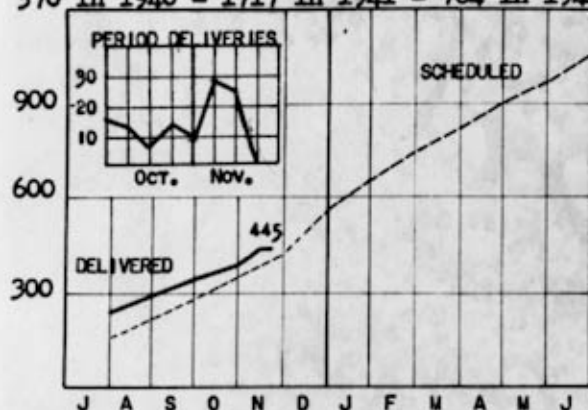
1924 PRIMARY TRAINING

635 in 1940 - 1289 in 1941



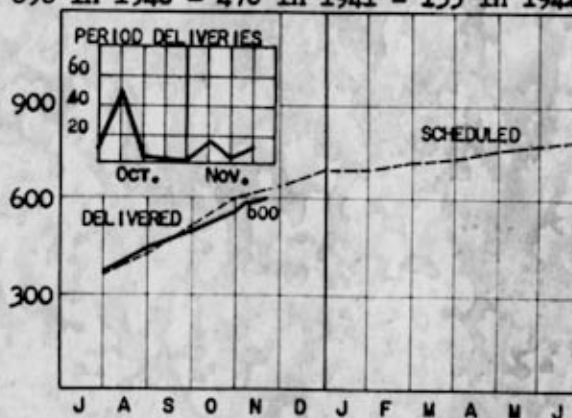
3051 BASIC TRAINING

570 in 1940 - 1717 in 1941 - 764 in 1942



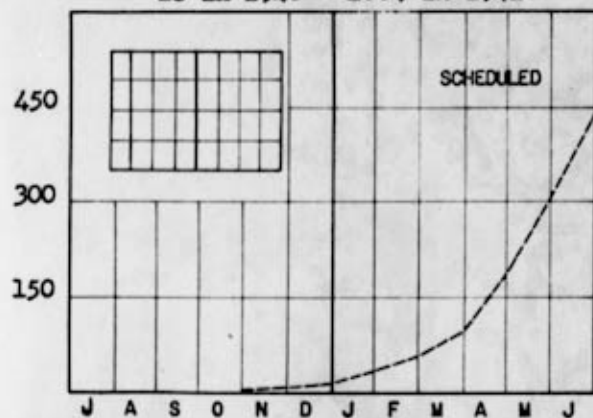
3051 BASIC TRAINING

696 in 1940 - 470 in 1941 - 135 in 1942



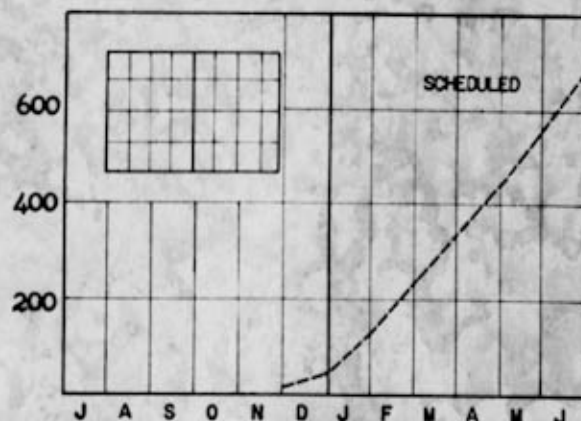
1082 ADVANCE TRAINING, 2-ENGINE

18 in 1940 - 1064 in 1941



2164 ADVANCE TRAINING, 2-ENGINE

65 in 1940 - 1665 in 1941

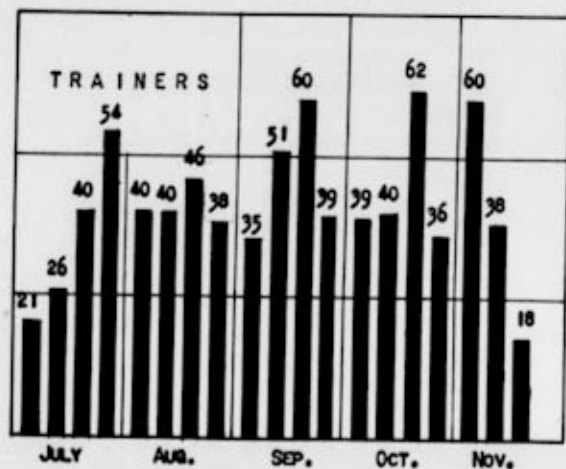
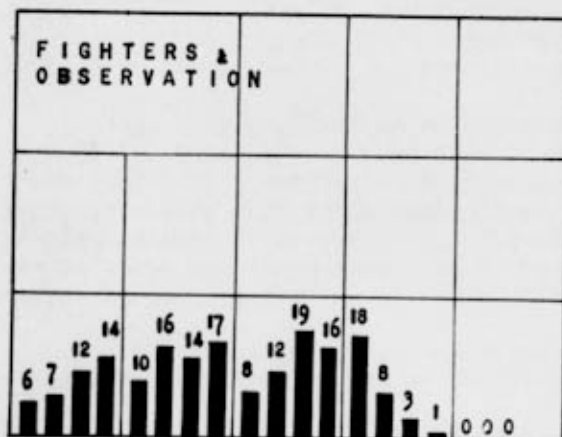
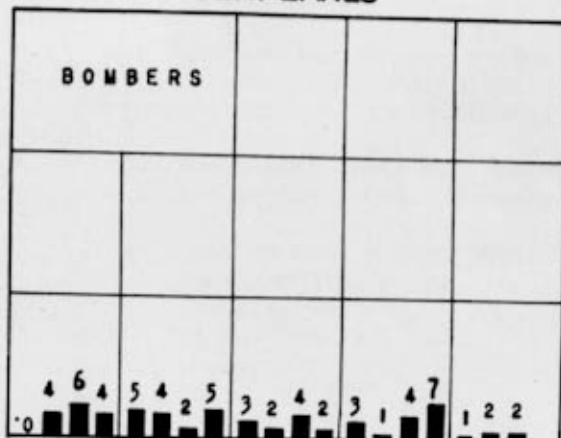


*COMPLETE SCHEDULE NOT AVAILABLE

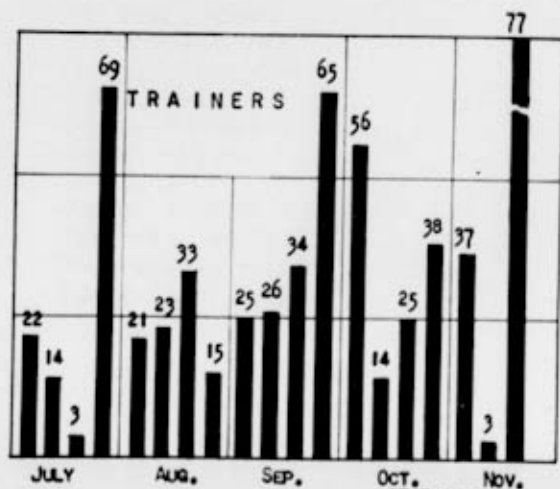
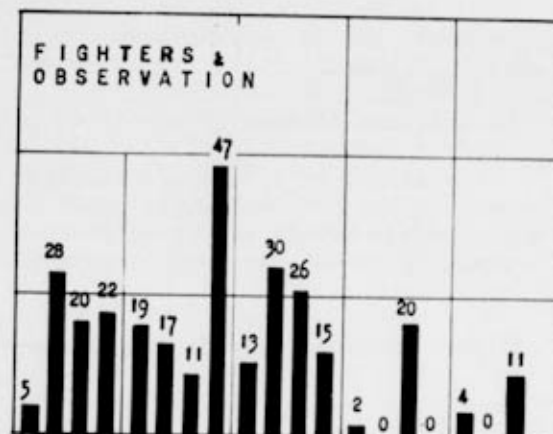
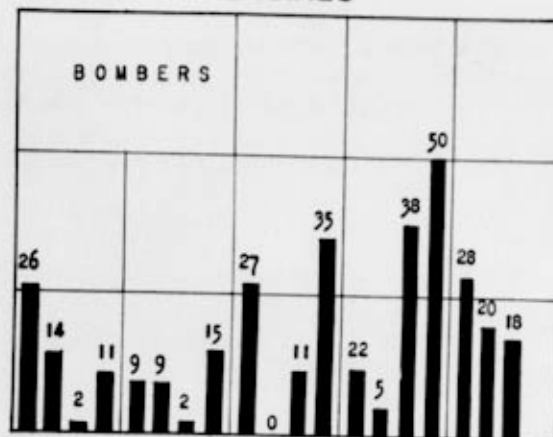
QUARTER MONTHLY PRODUCTION OF AIRPLANES AND ENGINES FOR INSTALLATION

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES



ENGINES



TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - NOV. 16, 1940
Source of Information: Statistics Branch, OQMG

1. The tabular summary of critical and selected Quartermaster items under F.Y. 1941 procurement indicates generally satisfactory progress for items of clothing. Procurement of certain critical items, however, appears to be delinquent.

2. Additional contracts were awarded during the past week on the following items listed in the tabular summary:

Bag, canvas, water, sterilizing
Coat, woolen, serge
Drawers, woolen
Gloves, woolen, O.D.
Headgear
Shirt, wool
Trousers, wool
Undershirt, wool

3. Critical items for which no contracted amounts are indicated have been deferred by the General Staff, with the exception of cutter, wire, M1938. Procurement of 30,400 or 54% of the latter's program, however, has been initiated.

4. For explanation of noted deferments, reference is made to previous addenda to the Q.M. Corps program (M.A.A. & 1st Suppl. F.Y. 1941) as follows: "That these (initial) quantities were 'proposed' and that actual quantities might, and probably would, vary considerably from those as listed, depending upon the circumstances at time of procurement. Procurement of a portion of the listed combat items was deferred and funds thus accrued have been diverted to the procurement of items necessary for the housing of enlisted men."

5. Items for which the proposed procurement indicates an increase over the initial expenditure program are as follows:-

Belt, cart., 30 Ml, dismantled
Belt, waist, web
Carrier, wire cutter
Cloth, overcoating
Cloth, woolen
Coats, Mackinaw
Coats, woolen, serge
Coats, denim, working
Cot, steel, folding
Cutter, wire
Drawers, cotton, shorts
Drawers, wool
Gloves, woolen

Headgear
Leggings, canvas, dismantled
Mattress, cotton
Overshoes, Arctic
Shirt, cotton, khaki
Shirt, wool
Shoes, service
Socks, cotton
Socks, wool
Tents, storage
Trousers, wool
Undershirt, summer
Undershirt, wool

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - NOV. 16, 1940
Source of Information: Statistics Branch, OQMG

6. Those for which a decrease is noted in proposed procurement compared to the initial expenditure program are:

Bag, barrack	Cot, canvas, folding
Bag, canvas, water, sterilizing	Gloves, heavy, leather
Bed	Overcoat, woolen
Belt, cart., 30 ML, mounted	Raincoats
Belt, suspender	Tents, pyramidal
Blanket, wool	Trousers, cotton, khaki
Breeches, wool	Trousers, working, denim

7. Deliveries of substantially all items listed in the tabular summary are obviously low. All are currently under the amounts scheduled with the exception of:

- Cloth, overcoating
- Cloth, woolen
- Coats, working denim
- Drawers, wool
- Gloves, heavy, leather
- Gloves, woolen, O.D.
- Socks, cotton
- Stoves, tent
- Undershirt, wool

Reference to weekly status reports, however, indicates that acceleration of deliveries is developing, and that a substantial increase has been effected during the past month.

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 16, 1940

Source of Information: Statistics Branch, OQMG

Items	Procurement program F.Y. 1941	Contracted (Delivered & undelivered)	Delivered through Nov.16	Percent con- tracted	Percent delivered
<u>Critical</u>					
Cloth,overcoating,32 oz. (yds.)	7,371,400	5,882,500	4,167,750	80	57
Cloth,wool,18 oz. (yds.)	27,010,442	17,678,250	5,912,669	65	22
Stove, tent	294,379	126,000	64,028	43	22
Carrier, wire cutter	61,000	35,000	9,300	57	15
Bag,canvas,water,sterilizing	26,530	20,500	2,989	77	11
Tent, pyramidal	233,953	74,500	18,555	32	8
Leggings,canvas,dismounted	5,021,981	1,548,484	304,973	31	6
Range, field, M1937	13,568	3,000	370	22	3
Scabbard for SubMG, cal. 45	3,135	3,135	0	100	0
Saddle,Phillips,pack,cargo	2,348	1,850	0	79	0
Belt,suspenders,M36	105,257	70,257	0	67	0
Saddle,Phillips,pack,Cavalry	5,828	2,125	0	36	0
Tent, storage	3,529	400	1	11	0
Outfit,cooking, Cavalry	1,022	0	0	0	0
Belt,car.,cal.30ML,mounted	128,595	0	0	0	0
Belt,car.,cal.30ML,dismounted	779,161	0	0	0	0
Cutter,wire, M1938	56,400	0	0	0	0
Leggings,canvas,mounted	1,067,849	0	0	0	0
<u>Clothing</u>					
Drawers, woolen	5,098,046	3,225,708	680,004	63	13
Undershirts, wool	5,676,126	3,556,297	700,284	63	12
Headgear	8,262,581	3,572,335	1,032,018	43	12
Gloves, woolen, O.D.	2,008,934	1,792,774	216,229	89	11
Raincoat	2,152,495	883,700	232,863	41	11
Gloves, heavy, leather	2,217,500	778,010	235,650	35	11
Overcoat, wool	1,307,966	753,008	118,793	58	9
Shirt, wool	6,675,254	2,106,084	617,321	32	9
Socks, wool	28,250,821	7,040,959	2,476,140	25	9
Trousers, wool	7,544,603	1,246,372	583,927	17	8
Shoes, service	8,227,718	4,207,521	613,467	51	7
Belt, waist, web	2,975,488	1,410,400	191,000	47	6
Coat, denim, working	4,341,124	2,888,538	236,203	67	5
Coat, Mackinaw	960,855	174,540	44,520	18	5
Trousers, denim, working	5,076,129	2,816,283	215,335	55	4
Coat, woolen, serge	4,190,324	1,304,309	101,515	31	2
Overshoes, Arctic	1,200,708	1,190,280	6,468	99	1
Breeches, wool	554,428	132,588	0	24	0

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 16, 1940

Source of Information: Statistics Branch, OQMG

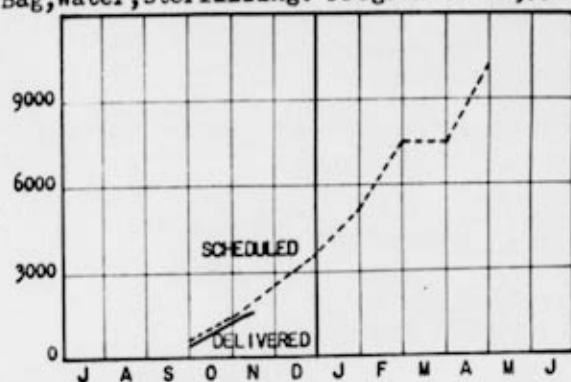
Item	Procurement program F.Y. 1941	Contracted (Delivered & undelivered)	Delivered through Nov.16	Percent con- tracted	Percent delivered
<u>Selected-Clothing(summer)</u>					
Trousers,cotton,khaki	1,291,720	999,500	390,628	77	30
Drawers,cotton,shorts	20,613,230	5,155,160	3,108,154	25	15
Socks, cotton	19,102,781	14,035,600	2,064,535	73	11
Undershirt, summer	22,447,359	4,204,932	2,246,855	19	10
Shirt,cotton,khaki	7,266,771	694,000	272,603	10	4
Breeches,cotton, khaki	229,729	150,000	0	65	0
<u>Selected - Equipment</u>					
Bed*	1,933,702	1,606,565	696,606	83	36
Bag, barrack	2,931,110	1,521,000	700,586	52	24
Blanket, wool	5,744,958	4,346,714	829,716	76	14
Mattress,cotton	1,541,285	734,500	173,310	48	11

* Includes Bedstead,single; cot,steel,folding; cot, canvas, folding, M38.

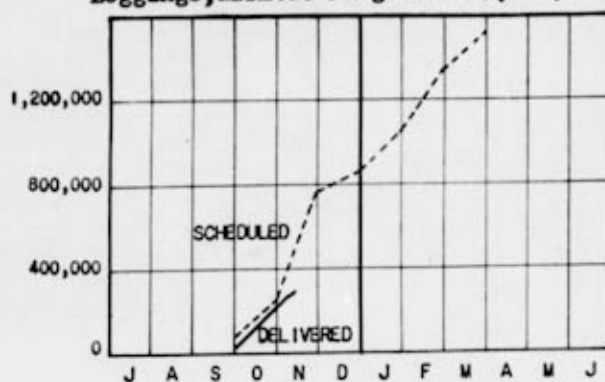
QUARTERMASTER CORPS PROCUREMENT OF CRITICAL ITEMS - Nov. 16, 1940

Source of Information: Statistics Branch, OQMG

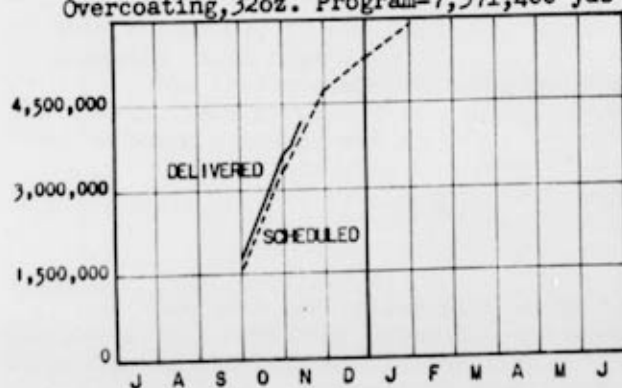
Bag, water, sterilizing. Program is 26,530



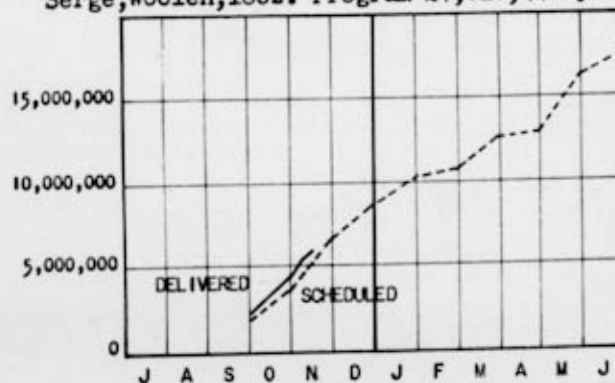
Leggings, dismt'd. Program is 5,021,981



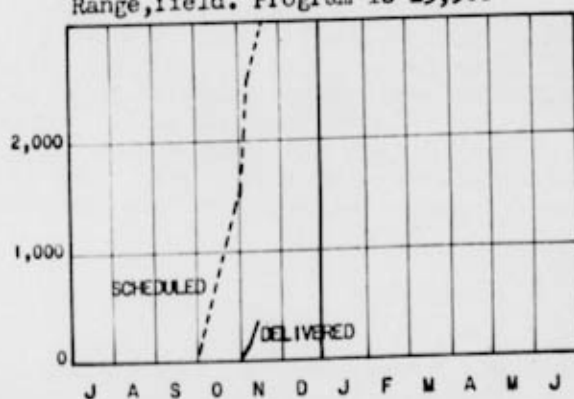
Overcoating, 32oz. Program-7,371,400 yds



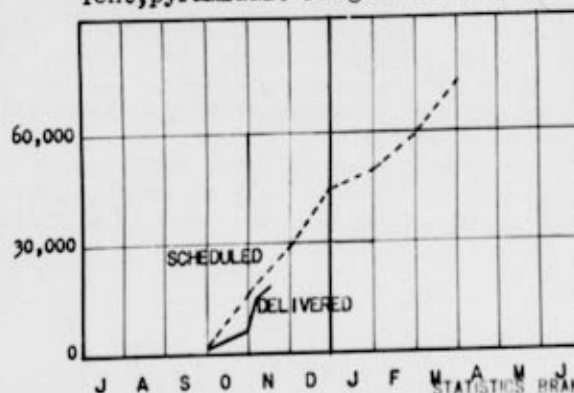
Serge, woolen, 18oz. Program-27,010,442 yds



Range, field. Program is 13,568



Tent, pyramidal. Program is 233,953



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - NOV. 16, 1940

Source of Information: Supply Division, OCSigO

The Signal Corps procurement program is progressing very satisfactorily. Awards have been made for most of the critical items and those which require the longest time to produce. Approximately 75% of F.Y. 1941 funds have been obligated and it is believed that awards on the greater portion of the balance will be made within the next 30 days.

Selected-critical items discussed in the following paragraphs and covered in the tabular report are representative of the progress to date:

Telephones, Type EE-8

Standard field telephone - now being manufactured by Connecticut Telephone & Electric, Holtzer-Cabot Electric, Stromberg-Carlson Telephone, Graybar Electric, Western Electric and American Automatic Electric Sales Corp. Due to the specialized nature of this telephone, it was necessary to let educational contracts to assure the tooling of adequate plant capacity.

The entire quantity to be procured with F.Y. 1941 funds (56,678) is under contract with these firms and final delivery is scheduled for October 1941. Volume production is being obtained and no delay in deliveries is anticipated.

Present stocks in hands of troops and in depots is 39,708 (including EE-4 and EE-5 in hands of troops). Requirements for P.M.P. (63,593).

Frequency Meter Sets SCR-211

Designed for calibrating radio transmitters and oscillating receivers. The meter has a self-contained crystal controlled oscillator and requires a high degree of precision in manufacture and calibration.

F.Y. 1940 contracts with Allen D. Cardwell, Brooklyn (953) and Bendix Radio Corp., Baltimore (925) are both delinquent. Submissions are being accelerated and completion of both contracts is expected by Dec. 6th. Deliveries on the two contracts now total 1,395.

With the exception of 181 units on the 3rd Supplemental program, the entire quantity on the F.Y. 1941 program (5,581) is under contract; 4,425 with the Bendix Radio Corporation and 975 with Allen D. Cardwell. Of this total, 1,950 are scheduled for delivery in May 1941, while a contract for 3,450 with Bendix Radio has not been acknowledged and no schedules are as yet available.

Requirements for P.M.P. total 4,015, while quantity actually in hands of troops and in depot stocks is 1,722. An additional 519 were scheduled for delivery by the end of October, but contracts are delinquent and completion is not expected before December 6th.

TEXT SUMMARY - SIGNAL CORPS

Source of Information: Supply Division, OCSigO

Radio Compass

These instruments are used for the obtaining of bearings from aircraft in flight. The procurement of radio compasses is carefully correlated with aircraft production schedules, the compasses being installed by aircraft manufacturers prior to delivery of aircraft to the Government. The radio compass is a component part of the particular airplane for which it is manufactured and for this reason no stocks other than spares and salvage exist.

F.Y. 1940 procurement (923 compasses) has just been completed and contracts for the total quantity on F.Y. 1941 program have been awarded (4,459 compasses). Of this quantity, 3,036 are scheduled for delivery by May 1942. Schedules on the remaining 1,423 units have not as yet been received. F.Y. 1941 contracts for radio compasses are with Bendix Radio Corporation, Baltimore, (4,079) and with Lear Avia, Inc., Dayton, (380).

Wire W-110-B

Field telephone wire, twisted pair, each conductor having four steel and three copper strands. Conductors are rubber covered and weatherproofed. Some manufacturing difficulties have been experienced, but deliveries under F.Y. 1940 contracts are now being received at a satisfactory rate and completion of the remaining balance (9,400 miles) is expected, according to schedule in June 1941.

F.Y. 1941 procurement (105,180 miles) is all under contract with the exception of 4,036 miles to be procured from funds made available in the 3rd Supplemental program.

F.Y. 1941 procurement contracts have been awarded as follows:-

7,499 miles	-	Circle Wire & Cable
4,999 miles	-	Phelps Dodge Copper Producing Co.
10,000 miles	-	Graybar Electric Company
20,729 miles	-	Anaconda Wire & Cable
57,917 miles	-	General Cable Corporation

The first three of the above contracts are now delinquent. Circle Wire & Cable production was held up by a strike in the plant and 950 miles due at the end of October has not been delivered. Phelps Dodge has delivered 387 miles, while 400 miles were due at the end of October. Graybar Electric made delivery according to schedule in October, but the wire submitted was rejected due to defects.

F.Y. 1941 contracts are scheduled for delivery -- 70,498 miles by June 30, 1941 and the balance October 31, 1941.

Stocks on hand and in the hands of troops totaled 53,238 miles. P.M.F. requirements (101,853 miles) will be covered in June, assuming deliveries according to schedules.

Radio Sets, Aircraft

Include all complete radio sets for use in aircraft with the exception of radio compasses. Sets included in the composite figures, used in the tabulation, include SCR-183, SCR-261A, SCR-240A, SCR-283, SCR-187A, SCR-238, SCR-274, SCR-259.

F.Y. 1940 procurement (3,226 sets) is nearing completion and total quantity to be procured with F.Y. 1941 funds (21,354) is under contract. Schedules, now available, indicate delivery of 20,801 sets by July 30, 1942; 3,779 sets are under contract, but delivery schedules have not yet been received.

No P.M.F. requirements are available on this item, the procurement being correlated with the procurement of aircraft.

TEXT SUMMARY - SIGNAL CORPS

Source of Information: Supply Division, OCSigO

Radio Sets, Ground

Include all radio sets other than for use in aircraft.

F.Y. 1940 and 1941 procurement programs total 23,980 sets and contracts have been let for 20,724 sets, with 12,454 sets due in June 1941 and 16,373 sets in December 1941. There are under contract 4,197 sets for which delivery schedules have not yet been received. Delivery of a large number of these sets may fall within the periods mentioned above.

F.Y. 1940 contracts for 1,833 sets are mostly delinquent, but production is being accelerated and deliveries are now being made at an increasing rate, 1,097 sets having been delivered to date.

Quantity on hand totals 4,324. Requirements for P.M.P. 15,337 sets and 16,778 sets will be available by June 30, 1941, assuming schedules are met.

Reel Unit RL-26-A

This equipment is a gasoline engine driven unit, having two separate reel shafts, which can be used singly or simultaneously for the laying or recovery of field telephone wire at the rate of approximately six miles per hour. The unit can be used either stationary on the ground or in a moving vehicle.

F.Y. 1940 contract for 1,213 with the Leach Company of Oshkosh, Wisconsin is scheduled for completion next May with deliveries to begin this month.

F.Y. 1941 program totals 4,354 units, of which 1,500 are now under contract, 1,006 units with Leach Company and 494 with Garwood Industries. Contracts are scheduled for delivery — 1,121 by June 30, 1941, balance due August 31, 1941.

Quantity on hand is 1,033 units, thus 3,367 will be on hand next June, assuming delivery according to existing contracts.

P.M.P. requirements are 3,131 units.

Converter M-134 (Secret Item)

F.Y. 1941 procurement, 327 units, are all under contract. Quantity due June 30, 1941, 110 units. P.M.P. requirements 110 units. No stocks are on hand.

Charging Set SCR-169

Portable gasoline engine driven generator for charging storage batteries in the field. Capacity 600 Watts. Voltage 32. Contracts for 680 sets have been awarded and are scheduled for delivery by April 30th, 1941. Total procurement on F.Y. 1941 is 1,345 sets, while P.M.P. requirements are 764 sets. No deliveries are scheduled until January 1941.

Telephone Central Office Set TC-2

Recently developed Corps Telephone Central equipment having larger line capacity than models currently in use. Twelve are under F.Y. 1940 procurement and scheduled for delivery in February 1941. Twelve additional have been ordered from F.Y. 1941 funds, which provide for 62 but no completion date is, as yet, available on the second contract. Both contracts are with American Automatic Electric Sales Corp. of Chicago.

P.M.P. requirements call for 36 units and none are on hand.

Flash Ranging Equipment GR-4

This equipment is used for locating artillery from the gun flashes. Eight units are under contract from F.Y. 1941 funds with delivery scheduled for July 1941. Entire F.Y. 1941 program totals 29 units and two are on hand.

P.M.P. requirements are ten (10).

TEXT SUMMARY - SIGNAL CORPS

Source of Information: Supply Division, OCSigO

Spotting Set PH-32
(Theodolite PH-BC-33)

An assemblage which simultaneously measures and records on motion picture film, the location, in three dimensions, of any aerial target at any instant. Twenty-one of these sets are being procured under F.Y. 1939 contract and are scheduled for delivery in January 1941. F.Y. 1941 program totals 72 sets; 68 sets are under contract with Akeley Camera Inc., New York and are scheduled for delivery by May 1942; 4 additional sets are under negotiation.

No P.M.P. requirements are available.

Sound Ranging Equipment GR-3-C

This equipment is used for locating artillery by sound. F.Y. 1941 procurement was deferred, pending improvement in type. Redesign has been completed; negotiations are in progress and award is expected shortly. F.Y. 1941 program calls for 35 sets; 16 sets are required to meet P.M.P., two sets are on hand.

TABULAR SUMMARY - SIGNAL CORPS - SELECTED AND CRITICAL ITEMS - NOV. 16, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

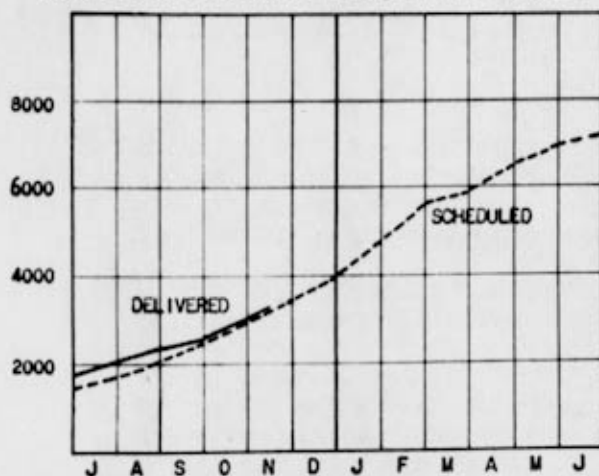
Items	Procurement program F.Y. 1940 & 1941	Contracted (Delivered & undelivered)	Delivered through Nov.16	Percent con- tracted	Percent delivered
<u>Critical</u>					
Telephone EE-8	100,802	100,802	28,645	100	28
Frequency Meter Set SCR-211	7,459	7,278	1,395	98	19
Radio Compass	5,382	5,382	923	100	17
Wire W-110-B (Miles)	135,910	131,874	21,717	97	16
Radio Set - Aircraft	24,580	24,580	3,487	100	14
Radio Set - Ground	23,980*	20,724*	1,097	86	5
Reel Unit-RL-26-A	5,567	2,713	220	49	4
Converter M-134	327	327	0	100	0
Spotting Set PH-32 (Theodolite PH-BC-33)	93*	89*	0	96	0
Charging Set SCR-169	1,345	680	0	51	0
Telephone Central Office Set TC-2	74	24	0	32	0
Flash Ranging Equipment GR-4	29	8	0	28	0
Sound Ranging Equipment GR-3-C	35	0	0	0	0

* Includes 1939 Procurement

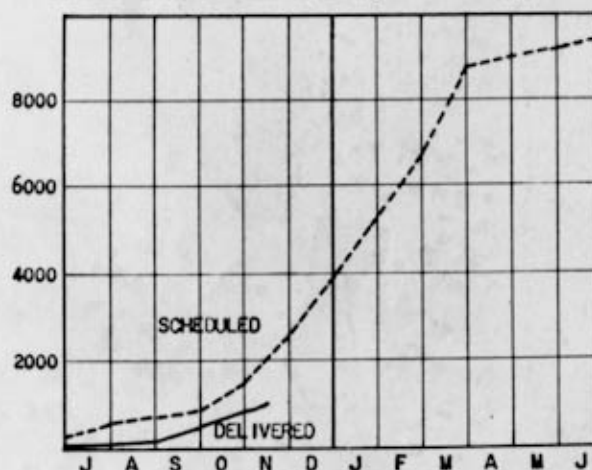
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - STATUS AS OF NOVEMBER 16, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

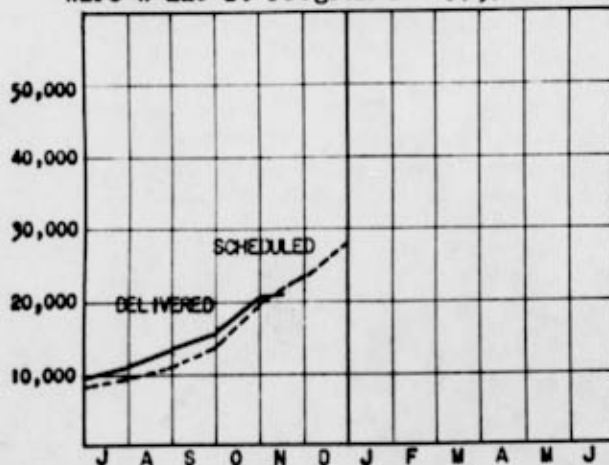
Radio Set-Aircraft. Program is 24,580



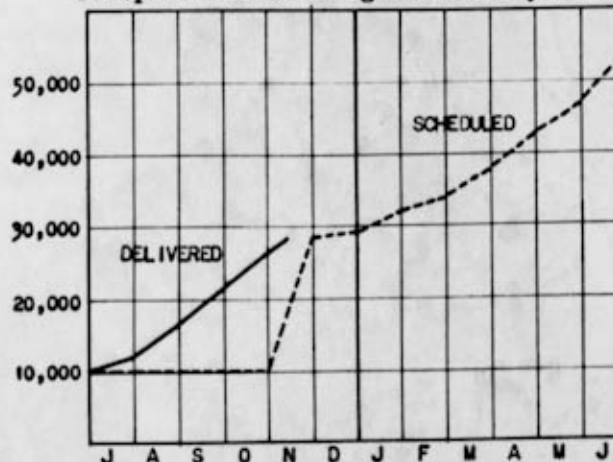
Radio Set-Ground. Program is 23,980



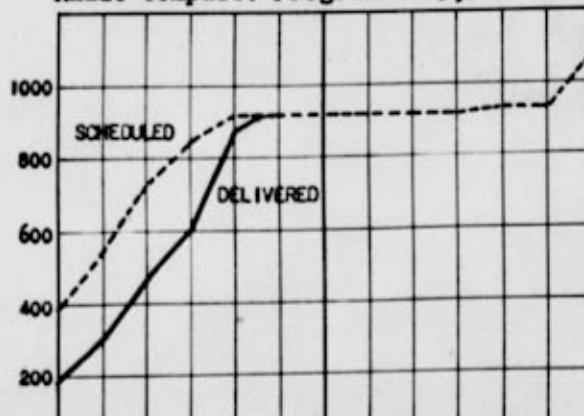
Wire-W-110-B. Program is 135,910 Miles



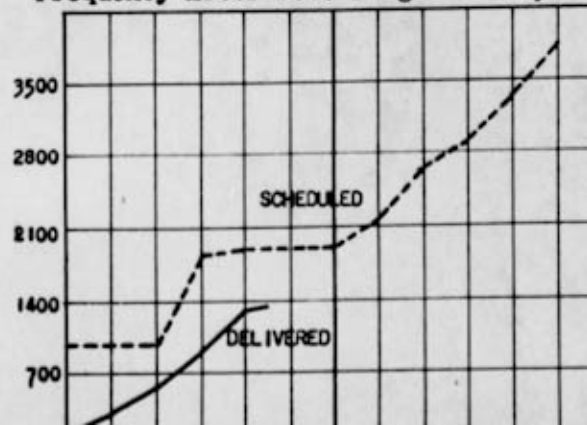
Telephone-EE-8. Program is 100,802



Radio Compass. Program is 5,382



Frequency Meter Set. Program is 7,459



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOV. 16, 1940.

Source of Information: Office of the Chief of Engineers.

SEARCHLIGHT, 60" A.A. — SLIPPING BEHIND.

At the end of October deliveries were practically on schedule but since then only 9 have been delivered while 32 were scheduled. No November deliveries have been made by Sperry.

MIRROR, FOR 60" SEARCHLIGHT — GOOD.

Deliveries are practically on schedule.

FOOTBRIDGE, M1938 — BETTER.

At the end of October this item was 42% behind schedule but part of the arrearage has been made up so far in November by delivering 7 actual against 5 scheduled.

SHOVEL, GAS, 3/8 CUBIC YARD — SLIPPING BEHIND.

Of 5 scheduled since the end of October only 2 have been delivered. The result is that this item is now 16 percent behind.

GENERAL — VERY GOOD.

The overall picture of the Engineer Procurement Program is very good. Many Controlled Items are ahead of schedule, most are on schedule, the ones listed above are the only ones showing trouble.

TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOV. 16, 1940.

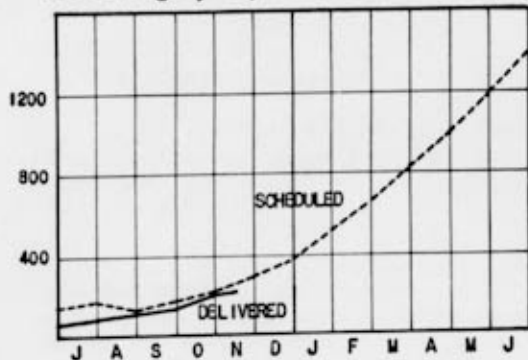
Source of Information: Office of Chief of Engineers

Item	Program FY 1940 & 1941	Contracts filled & unfilled	Delivered through Nov. 16	Percent con- tracted	Percent de- livered
Map reproduction equip. C.A. Hqs.	4	4	4	100	100
Power earth auger	68	68	48	100	71
Welding & cutting set	131	131	81	100	62
Mixer, concrete	78	78	43	100	55
Water purification unit, port.	217	217	104	100	48
Boat, assault	3771	3771	1725	100	46
Grader, road, motorized	93	93	40	100	43
Shovel, gas, 3/8 cu. yd.	94	94	30	100	32
Compressor, air, motorized	971	521	264	54	27
Bridge, steel, port., H-10	94	94	23	100	24
Footbridge, M1938	117	117	25	100	21
Water purification unit, mtzd.	55	45	11	82	20
Mirror, searchlight	2135	1142	391	53	18
Angledozer for med. tractors	616	358	88	58	14
Ponton bridge, 10 ton	93	93	12	100	13
Shovel, gas, 1/2 cu. yd.	45	10	6	22	13
Hammer, gas	1062	143	143	13	13
Searchlight, 60" A.A.	2159	2159	212	100	10
Map reproduction equip. mtzd.	29	25	3	86	10
Stereoscope, mag. (lens prism)	151	151	9	100	6
Mobile reproduction train	1	1	0	100	0
Ponton bridge, 25 ton	47	47	0	100	0
Stereoscope, mirror mag.	2522	2522	0	100	0
Trailer for med. tractors	609	609	0	100	0
Explosive (nitrostarch) tons	400	200	0	50	0
Electric lighting equipment	124	0	0	0	0
Machine, dupl., gelatin proc.	160	0	0	0	0
Water supply equipment	68	0	0	0	0
Searchlight, 18" beach	104	procurement deferred			

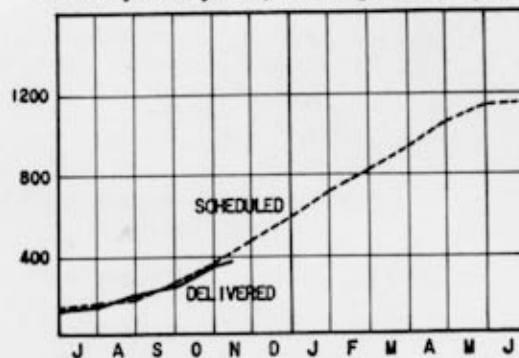
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH Nov. 16, 1940

Source of Information: Office of the Chief of Engineers

Searchlight, 60", AA. Program is 2,159



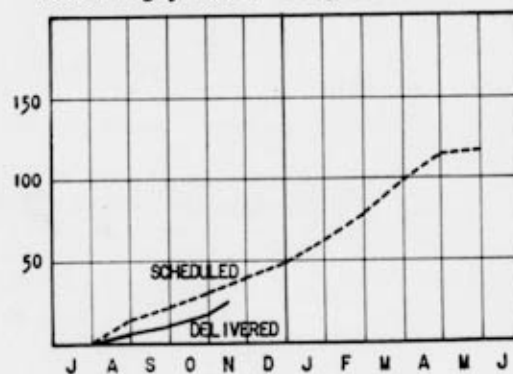
Mirror, metal, 60"S/L. Program is 2,135



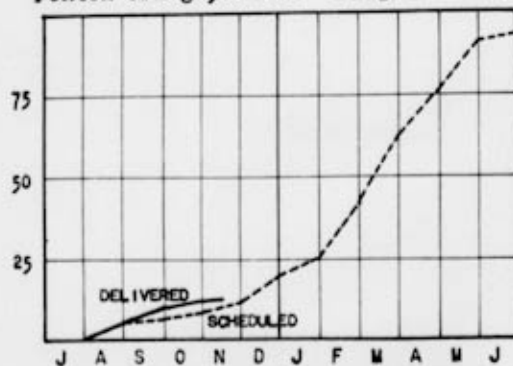
Boat, assault. Program is 3,771



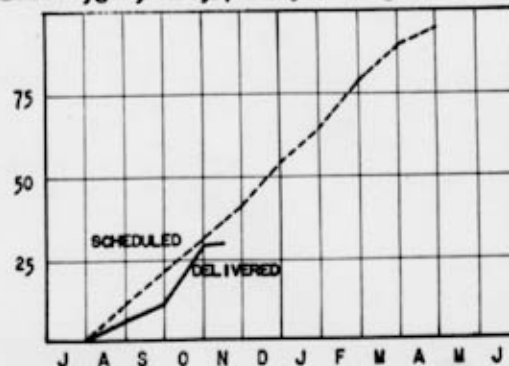
Footbridge, M1938. Program is 117



Ponton bridge, 10-ton. Program is 93



Shovel, gas, mtzd, 3/8cu.yd. Program is 94



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDING NOV. 30, 1940.

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

In general the delivery of surgical instruments on existing contracts is on schedule time and contractors are cooperating thoroughly by giving priority to those items that are needed for immediate use.

New contractors have had some trouble with dies for surgical instruments not being able to stand the strain. Some have also experienced difficulty with forgings which fail to possess the proper tensile strength.

In the manufacture of individual equipment such as Inserts, Kit Suspenders, Cantle Ring, and Litter Straps contractors have found a scarcity of the proper duck and webbing. Owing to a scarcity of linen thread specifications were changed to call for cotton for the purpose of making Kit Suspenders.

Station Hospitals of the bed capacity stated below have been ordered shipped to the following points:

1000 Beds	Camp Blanding, Fla.
1000 Beds	Camp Peay, Tulahoma, Tenn.
150 Beds	Savannah Air Base, Savannah, Ga.

The Howe Folding Furniture, Inc., New York City, with a contract for the manufacture of field dining tables and common chairs, stated that they were having difficulty in securing plywood and aluminum. Difficulty in securing plywood has been noted in the past on all contracts for the Chest field modified and plain.

TABULAR SUMMARY - MEDICAL DEPARTMENT - CRITICAL AND ESSENTIAL ITEMS - Nov. 16, 1940

Source of Information: Medical Department, Weekly Progress Reports

ITEM	PROCUREMENT PROGRAM F.Y.'41	UNDER CONTRACT	DELIVERED	PERCENT OF PROGRAM CONTRACTED	PERCENT OF CONTRACT DELIVERED
<u>Critical</u>					
Chest, field plain	10,500	5,500	0	52	0
Chest, field mod.	5,500	3,000	0	55	0
Forceps, Hemo.	413,280 a/	315,500	25,564	76	8
Forceps, Tissue	83,475	40,000	0	48	0
Forceps, Towel	96,220	60,000	3,663	62	6
Kit, Cantle Ring, Strap	138,000	70,000	44,600	51	64
Kit, Insert (Type I&II)	85,000 b/	37,000	6,175	44	17
Kit, Litter Strap	108,000	40,000	17,500	37	44
Kit, Pouch Canvas	170,000 c/	102,000	60,200	60	59
Kit, Suspender	62,000	30,000	0	48	0
Knife, Operating	431,098	63,000	28,076	15	45
Packets, First Aid	1,250,000	1,200,000	0	96	0
Scissors, Bandage	80,388 d/	32,000	9,600	40	30
Sphygmomanometer, Aneroid	11,330	2,300	1,391	20	60
Sterilizer, Hosp.	2,543	456	120	18	26
<u>Essential</u>					
Autoclave, Lab., Field	50	50	0	100	0
Basic Instrument Set					
Case, empty	3,200	0	0	0	0
Carrier, Field,					
Collapsible	2,250	1,000	0	44	0
Case, Splint	2,500	2,500	0	100	0
Scissors, Bandage,					
with Chain	3,322	0	0	0	0
Splint, Strap	10,562	10,000	10,000	95	100
Splint, Thomas, Leg,					
Half-Ring	12,750	11,000	0	86	0
Thermometer, Clinical	420,000	339,000	73,000	81	22
X-Ray Field Unit					
1. Table Unit	88	25	0	28	0
2. Mobile Unit	239	0	0	0	0
X-Ray Machine,					
Shockproof, Complete					
1. Bedside	203	55	28	27	51
2. Radiographic					
Fluoroscopic (Stationary)	186	5	5	3	100

a/ 5000 F.Y.'40

b/ 12,000 F.Y.'40

c/ 102,000 F.Y.'40

d/ 12,000 F.Y.'40

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH NOV. 23, 1940.

Source of Information: Office, Chief of Coast Artillery.

M3 SUBMARINE MINE, CASEMENT EQUIPMENT, GROUPS -- GOOD.
Deliveries are exactly on schedule.

EXPLOSIVE, TNT -- NO CONTRACTS AWARDED.
The Coast Artillery holds a greatly deferred position on this item so no progress can be reported until others with greater priority have been supplied.

CABLE, SUBMARINE MINE -- NO DELIVERIES.
Contracts for the entire requirement, 3,610,000 ft., are let but no deliveries are scheduled until March, 1941.

GENERAL.
There are at present only three Controlled Items for the Coast Artillery.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROCESS THROUGH NOV. 23, 1940.

Source of Information: Office, Chief of Coast Artillery

Item	Program FY 1940 & 1941	Contracts filled & unfilled	Delivered through Nov. 16	Percent con- tracted	Percent de- livered
M3 submarine mine, casemate equipment groups	138	138	11	100	8
Cable, submarine mine, type I and II (1000 ft.)	3610	3610	0	100	0
Explosive TNT (1000 lbs.)	Ordnance has not yet determined quantity avail- able for C. A. C.				

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - Nov. 30, 1940

Source of Information: Reports from Chemical Warfare Service, and personal contact with Lt. C. H. Small, C.W. Reserves.

Information received this week from A.G.O. states that specifications for Airplane Tanks, Chemical Spray, have been rewritten satisfactorily and procurement will proceed.

The manufacture or assembly of critical items at Edgewood Arsenal is proceeding in a satisfactory manner.

TABULAR SUMMARY - CHEMICAL WARFARE SERVICE - CRITICAL ITEMS - Nov. 15, 1940

Source of Information: Chemical Warfare Service, Weekly Progress Reports

ITEM	PROCUREMENT PROGRAM F.Y. '40, '41	UNDER CONTRACT	DELIVERED	PERCENT OF PROGRAM CONTRACTED	PERCENT OF CONTRACT DELIVERED
Alarm, Gas	27,808	10,471	0	38	0
Airplane Tanks, Chemical Spray	3,642	0*	Procurement Deferred.		
Gas Mask, Diaphragm	920,354	389,425	0	42	0
Gas Mask, Horse	124,722	Procurement Deferred.			
Gas Mask, Optical	116,623	38,943	0	33	0
Gas Mask, Service	1,879,782	668,984	447,845	36	67
Impregnite I (tons)	1,711.5	1,011.5	56.9	59	6
Impregnite S (tons)	2,317	862	0	37	0
Mustard Gas (tons)	2,630	2,630	627	100	24
Shell, L.P.	3,548	Procurement Deferred.			
Shell, C.M.	53,800	Procurement Deferred.			

* The contract for 976 tanks previously reported has been revoked, and the entire procurement program deferred, pending change in specifications.

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WEEKLY STATISTICAL REPORT

SUMMARY

No. 23

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WEEKLY STATISTICAL REPORT

No 23

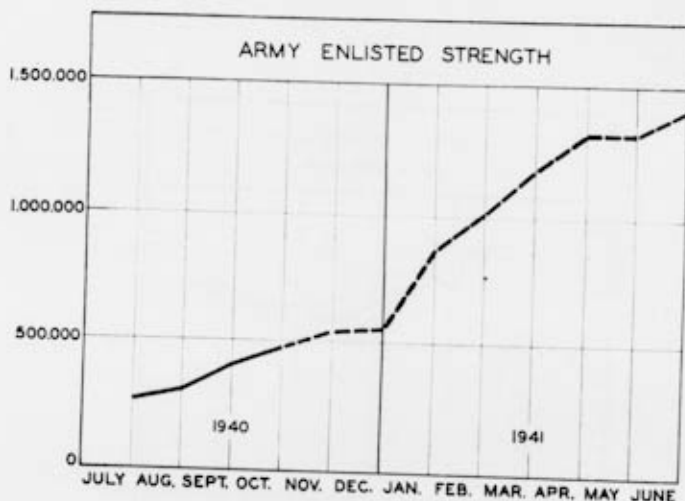
December 7, 1940

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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

Source of information: Statistics Branch, General Staff. Nov. 18, 1940

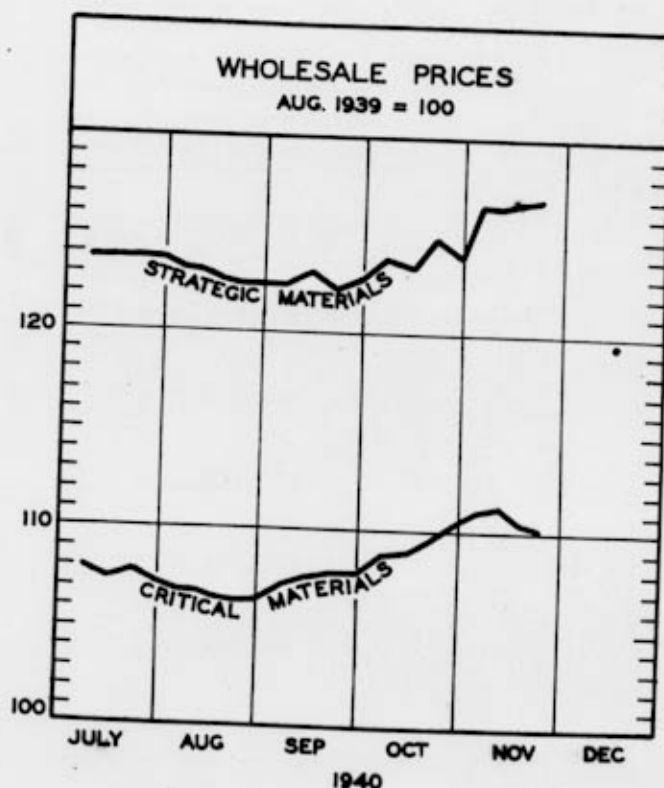


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,293
Oct.	474,883
Nov.	540,659
Dec.	550,659
Jan. 1941	858,673
Feb.	1,028,835
Mar.	1,178,835
Apr.	1,328,835
May	1,328,835
June	1,418,000

PRICES

Advances in the prices of strategic materials have resulted principally from the increased prices of manila fiber, manganese, chrome ore, and tungsten ore. Price advances in critical materials are principally the result of the increased prices in leather, hides, wool and cork.

Source of Information: Indexes compiled by ACCND.



COMMITMENTS FOR MUNITIONS AND FACILITIES

The most important current effort of the Supply Arms and Services is that of placing over six and a half billion dollars worth of business from appropriated funds. Seventy percent of that business has been placed.

Source of Information: Weekly Progress Report - Stat. Br., OASW - Dec. 5, 1940

	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to Dec. 4</u>
AIR CORPS	\$2,211,772,898	70.8
ORD. DEPT.	\$1,871,733,292	77.1
Q. M. C.	\$1,319,174,969	48.0
FAC. FOR EXP. a/	\$856,475,000 b/	85.7
SIG. CORPS	\$169,212,328	79.7
CORPS OF ENG.	\$ 77,693,691	63.5
CHEM. WAR. SER.	\$ 44,827,422	82.6
MED. DEPT.	\$ 39,429,388	52.0
C. A. C.	\$ 1,268,889	74.3
TOTAL	\$6,591,587,877	70.0

a/ NOTE: The abbreviation FAC. for EXP. refers to New Facilities for Expediting Production

b/ NOTE: Includes \$44,275,000 from M.A.A. 1941 appropriated direct to S.A.S. and \$109,200,000 transferred from Ord.Dept. funds by direction of Sec'y of War.

EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of leading newspapers in large cities of the 12 Federal Reserve Districts, by weeks ended as shown.

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

Week ended	Oct. 10	Oct. 17	Oct. 24	Oct. 31	Nov. 7	Nov. 14	Nov. 21	Nov. 28	Dec. 5	Dec. 12
Criticism of slow progress	40	42	22	35	14	7	11	11	17	
General commendation	10	6	5	6	4	1	1	1	5	
Economics, banking, inflation Hours, wages, labor problems	28	28	26	26	22	89	79	76	47	
Aid for England	4	11	12	11	2	2	10	45	48	
Relations of govt. to business	13	9	10	4	5	3	4	14	6	
Apparent trend toward war	7	11	11	15	4	4	2	6	21	
More authority for Defense Com.	7	7	1	4	1	2	6	10	3	
Miscellaneous	6	4	10	15	17	4	12	22	21	
Total	139	140	98	117	71	120	170	260	206	

AIRCRAFT ARMAMENT - ORDNANCE DEPARTMENT - NOVEMBER 30, 1940

Source of Information: Ind. Ser. & War Plans Div., Ord. Dept. A. & N. M. B.

MACHINE GUNS - AIRCRAFT ARMAMENT

To meet total aircraft armament requirements for 88,033 machine guns, or 70,411 initial requirements, excluding maintenance, there were about 12,100 standard Browning, M2 guns on hand November 30, 1940, and approximately 80,000 guns on order. Also 23,016 guns were on order for the Navy. Of the more than 102,000 guns on order, 7,532 are being manufactured in existing plants of Colt Patent Firearms Co. and 16,036 more guns have been ordered from this firm, but the priority of 12,948 as against other types of machine guns is awaiting decision by the Joint Army & Navy Board. (Approximately 2,000 Cal.30, model 1918M1, fixed and flexible aircraft guns are also on hand and readily available.)

The balance of 78,800 guns are to be made in plants now under construction and deliveries are expected to start in November, 1941 and to be completed in March, 1943. Estimated delivery schedules are available for 43,836 of these guns.

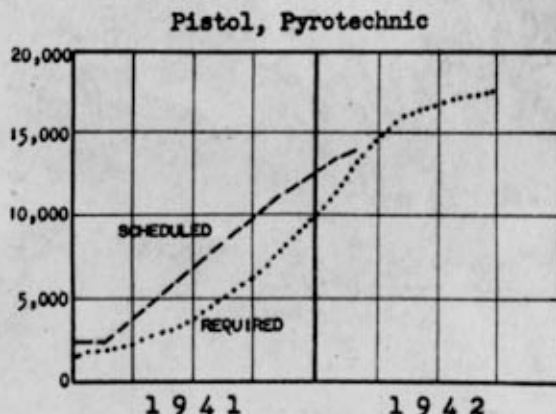
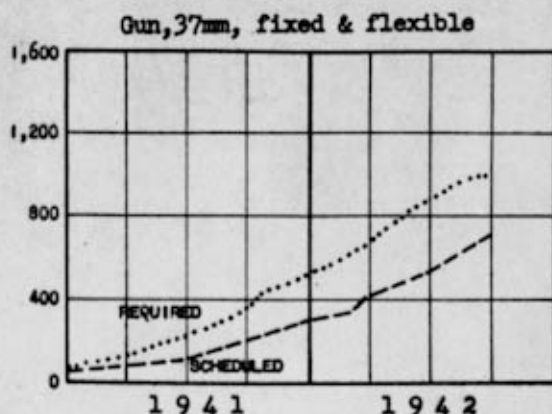
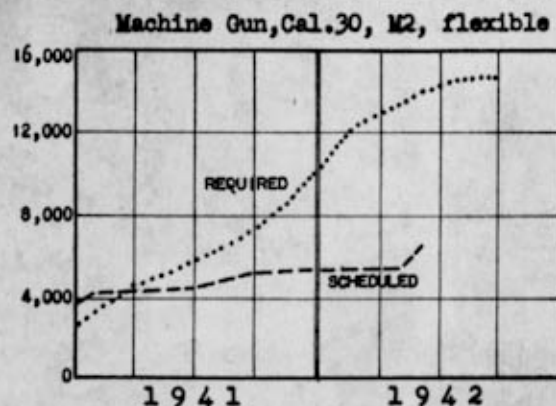
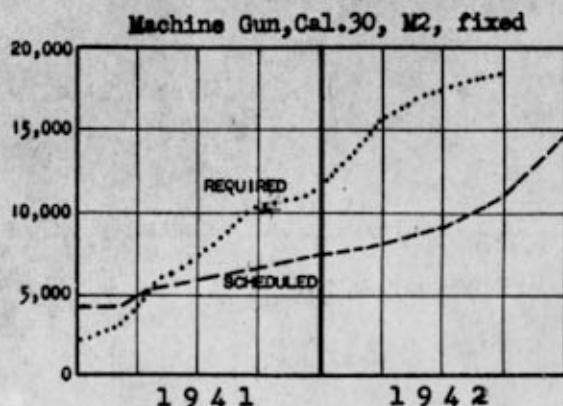
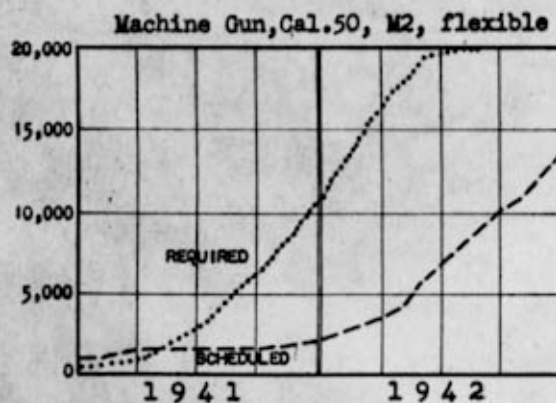
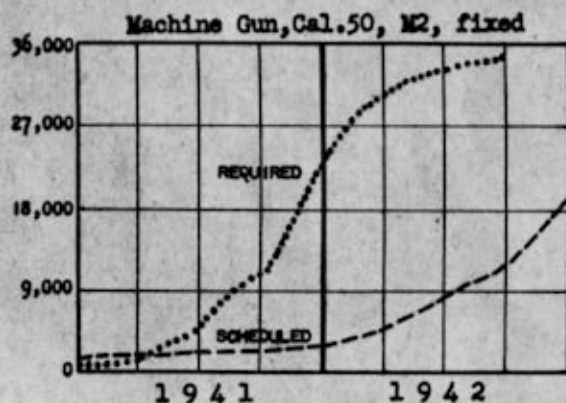
The charts compare requirements, which are based on estimated delivery schedules of planes, with estimated delivery schedules of weapons. A severe delay is indicated in deliveries of all four types of machine guns behind deliveries of planes, commencing in the second quarter of 1941. In September, 1941 a shortage of 14,266 guns for initial equipment of planes is indicated and in December, 1941 the shortage may rise to 31,165 guns. The delay may be reduced somewhat in the event that 12,948 Cal.50 aircraft guns, now unscheduled, are given priority in existing plants which are making machine guns of other types. However, this might require several months for retooling.

More than 21,000 machine guns of various types are currently being manufactured by Colt Patent Firearms for the British Government. In addition, that Government has placed orders for about 39,000 machine guns with three other manufacturers and Colt, which are constructing new facilities and expect to start production in June and later months in 1941.

	Total	Cal.50		Cal.30	
		Fixed	Flexible	Fixed	Flexible
Requirements (based on Nov. 1 plane delivery schedules):	88,033	34,468	20,155	18,609	14,801
Initial Requirements:	70,411	27,568	16,121	14,884	11,838
On Hand in Army, Nov. 30:	12,098	1,524	2,379	4,469	3,626
Scheduled for delivery after Nov. 30:	50,948	21,229	15,209	11,687	2,823
On Order for Army, not scheduled:	28,440	11,569	10,827	0	6,044
On Order for Navy (priority not reported):	23,016	9,799	8,841	420	3,956

AIRCRAFT ARMAMENT - ORDNANCE DEPARTMENT - Nov. 30, 1940

Source of Information: Ind. Serv. & War Plans Div., Ord. Dept.



TEXT SUMMARY - ORDNANCE DEPARTMENT - CURRENT PROCUREMENT - NOVEMBER 30, 1940.

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

LIGHT TANK

Deliveries numbered 78 units in October against 46 in September. The principal manufacturer of hulls, the limiting component, is expected to start deliveries in January. Monthly deliveries are scheduled to exceed 250 in July, 1941 and for completion in February, 1942.

MEDIUM TANK

Virtually all component parts have been ordered. Production is well behind schedule for the 126 arsenal-made tanks, to be completed in June, 1941. Deliveries of an order for 1,000 hulls are expected to start in August, 1941 and to be completed in July, 1942. This manufacturer is making its own transmissions. Two other hull makers are dependent on production of transmissions, for which machine tool deliveries are uncertain, but completion of hull orders is tentatively set for July, 1943.

The British Government is buying a large number of medium tanks. Guns scheduled meet requirements for all tanks.

HEAVY TANK

Design for pilot model has been approved and the manufacture of 50 under contract awaits the production and testing of this model.

PERSONNEL CARRIER

Delivery of 1,720 units is scheduled to begin in February and to end in December, 1941; 2,000 are under contract for completion in June, and 4,908, in December, 1941; and 719 are scheduled for delivery in the first six months of 1942.

RIFLE, CAL. 30, M1

Current production rate of 500 a day is expected to more than double by July, 1941. Completion of current procurement is scheduled for June, 1942.

3" & 90MM GUN, A.A.

Deliveries of 3" guns are ahead of schedule. Six were delivered in October. Estimated delivery of the first ten 90mm Guns has been deferred three months to June, 1941. Deliveries of components by several other manufacturers are scheduled to start in succeeding months. The 414 complete units under contract are scheduled for completion in August, 1942.

Production orders for most of the component parts have been issued. The entire program is tentatively estimated to be completed in the latter half of 1943, more than a year after the 2,000,000 men Requirement.

105MM HOWITZER

Only 240 complete units are under contract but most of the component parts have been ordered. Initial delivery of ten units is scheduled for April, 1941. The present tentative schedule indicates completion of the entire program in October, 1942. The howitzer is indicated to be the controlling item, with the delay in its deliveries expected to start in July, 1941 and to fall 1,250 units behind the next slowest component in February, 1942.

TABULAR SUMMARY - ORDNANCE MATERIEL PROCUREMENT-OCTOBER 31, 1940

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

Item	Current Procurement Program	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
Combat Vehicles					
Tank, light	3488	3488	100	310 c/	9
Tank, medium	2496	1811	73	3 c/	-
Scout car	2701	2701	100	594 c/	22
Personnel carrier, 8-man	5445	5445	100	0	0
Personnel carrier, 13-man	3902	3902	100	0	0
Machine gun, Cal.50, (H.B.)	7753	7753	100	e/	-
Machine gun, Cal.30, (Var.)	48402	48402	100	3193	7
Submachine gun, Cal.45	21348	21348	100	1526 f/	7
Gun, 37mm, tank	6040	6040	100	320	5
Gun, 75mm, tank	2513	2513	100	0	0
Antiaircraft					
Gun, 3"	152	152	100	48 d/	32
Gun, 90mm	1203	414	34	0	0
Gun, 37mm, A.A.	3195	3195	100	175 d/	5
Machine gun, Cal.50, (W.C.)	3407	3311	97	96	3
Artillery					
Howitzer, 75mm, field & pack	958	958	100	16 a/	2
Howitzer, 105mm	2728	240	9	0	0
Gun, 155mm	392	392 f/	100	0	0
Modernization - H.S.					
Gun, 75mm	1331	1331 f/	100	216 a/	16
Howitzer, 155mm	1436	1436	100	174 a/	12
Gun, 155mm	654	62	9	62 a/	9
Small Arms					
Rifle, Cal.30, M1, semiauto.	453260	453260	100	66404 b/	15
Machine gun, Cal.30, (Var.)	18546	18546	100	0	0
Machine gun, Cal.50, (H.B.)	4201	4201	100	975 b/	23
Gun, 37mm, antitank	4646	4646	100	311 b/	7
Mortar, 60mm	10162	10162	100	568 b/	6
Mortar, 81mm	3419	3419	100	299 b/	9
Aircraft Armament					
Machine gun, Cal.30, fix.&fl.	28458	28458	100	3633	13
Machine gun, Cal.50, fix.&fl.	80283	80283	100	2483	3
Gun, 20mm, automatic A.C.	2489	1202	48	0	0
Gun, 37mm, automatic A.C.	1068	1068 f/	100	0	0

a/ Deliveries through November 8.

b/ Deliveries through November 15.

c/ Deliveries through November 23.

d/ Deliveries through November 30.

e/ Machine guns for combat vehicles & small arms combined.

f/ Status of telescopes indefinite

TABULAR SUMMARY-ORDNANCE-AMMUNITION PROCUREMENT-OCTOBER 31, 1940

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

Item	Procurement Program	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
	(THOUSANDS)	(THOUSANDS)		(THOUSANDS)	
<u>Antiaircraft</u>					
Shell, 3" H.E.	1,923	338	18	0	0
Shell, 37mm	4,482	2,916	65	0	0
Shell, 90mm	2,761	1,113	40	0	0
<u>Artillery</u>					
Shell, H.E., 75mm how.	4,037	268	7	118	3
Shell, smoke, 75mm how.	474	39	8	0	0
Shell, A.P., 75mm, t & at	529	0	0	0	0
Shell, H.E., s c, 75mm gun	1,181	1,181	100	0	0
Shell, gas, 75mm gun	763	763	100	0	0
Shell, H.E., 105mm how.	6,711	708	11	0	0
Shell, smoke, 105mm how.	735	98	11	0	0
Charge, prop. 155mm gun	446	202	45	16	4
Charge, prop. 155mm how.	2,446	504	21	53	2
Shell, H.E. 155mm gun	401	214	53	0	0
<u>Small Arms & Misc.</u>					
Cartridge, Cal.30	1,440,957	951,337	66	84,236	6
Cartridge, Cal.45	189,171	189,171	100	8,452	4
Cartridge, Cal.50	668,659	588,568	88	14,813	2
Link belt, Cal.30	358,932	358,932	100	39,458	11
Link belt, Cal.50	624,856	624,856	100	12,454	2
Shell, 37mm t & at	5,656	1,190	21	7	-
Shell, 60mm mortar, H.E.	5,506	2,346	43	0	0
Shell, 81mm, H.E.	2,796	381	14	6	-
Shell, smoke, 81mm	353	70	20	0	0
Mine, antitank	2,050	2,050	100	0	0
<u>Aircraft</u>					
Bomb, demo., 1000 lbs	11	11	100	0	0
Bomb, demo., 500 lbs	151	41	27	1	-
Bomb, demo., 300 lbs	151	84	56	2	1
Bomb, demo., 100 lbs	367	167	46	5	1
Bomb, practice, 100 lbs	3,152	80	3	88	3
Bomb, smoke, large	124	0	0	0	0
Bomb, smoke, small	60	58	97	0	0
Bomb, frag.	1,719	378	22	0	0
Bomb, photoflash	16	16	100	0	0
Flares	256	239	93	13	5
Signal, drift	107	107	100	0	0
Shell, 37mm automatic	1,113	322	29	0	0
Shell, 20mm automatic	2,836	0	0	0	0

STATISTICS BRANCH

OASW - WAR DEPARTMENT

12-7-40

TABULAR SUMMARY - ORDNANCE - TACTICAL MATERIAL - NOV. 30, 1940

Source of Information: Equip. Div. Field Ser. & War Plans Div. Ord. Dept. & G-4

Item	Requirement 2,000,000 men Number	Stocks-Field Ser. (Troops and Depots) Number	%	Percent of requirement
				0 20 40 60 80 100
<u>Combat Vehicles</u>				
Tank, light	3,626	427	12	
Tank, medium	2,513	19	1	
Scout car	2,794	755	27	
Personnel carrier, 8-man	5,456	0	0	
Personnel carrier, 13-man	3,902	0	0	
Machine gun, Cal.50 (H.B.)	8,250	329	4	
Machine gun, Cal.30 (Var.)	48,402	2906	10	
Submachine gun, Cal.45	33,036	1322	4	
Gun, 37mm, tank	6,037	174	3	
Gun, 75mm, tank	2,513	0	0	
<u>Antiaircraft</u>				
Gun, 3")	1,819 (	500)	27	
Gun, 90mm)		0)		
Gun, 37mm, A.A.	3,322	66	2	
Machine Gun, Cal.50 (W.C.)	4,215	834	20	
<u>Artillery</u>				
Gun, 75mm (H.S.)	1,471	1348	92	
Howitzer, 75mm, field & pack	966	103	11	
Howitzer, 105mm	2,727	14	1	
Gun, 155 mm	395	4	1	
Gun, 155 mm (H.S.)	710	144	20	
Howitzer, 155mm (H.S.)	1,909	684	36	
<u>Unmodified & other models</u>				
Gun, 75mm	—	2280	—	
Gun, 155mm	—	791	—	
Howitzer, 155mm	—	1417	—	
<u>Small Arms</u>				
Rifle, Cal.30, M1, semiauto	470,700	81641	17	
Machine gun, Cal.30 (Var.)	18,546	951	5	
Machine gun, Cal.50 (H.B.)	4,013	440	11	
Gun, 37mm, antitank	4,828	498	10	
Mortar, 60mm	9,555	548	6	
Mortar, 81mm	3,211	427	13	
<u>Aircraft Armament</u>				
Machine gun, Cal.30, fix.&fl.	33,410	8095	24	
Machine gun, Cal.50, fix.&fl.	54,623	4003	7	
Gun, 20mm, automatic A.C.	776	15	2	
Gun, 37mm, automatic A.C.	1,009	45	4	

TEXT SUMMARY - AIR CORPS - PLANES AND ENGINES - NOVEMBER 30, 1940.

Source of Information: Materiel Division, O.C.A.C.

GENERAL:

There has been no change in the status of contract awards for airplanes and engines since the report of November 30, 1940.

TACTICAL PLANES:

Although the delivery of Heavy Bombers, 23 units ahead, continues to be favorable, in general the delivery of Tactical planes is unsatisfactory. The downward trend which began in September 1940 continues with deliveries generally 70 units behind contract schedule. The total delivery of only 6 Tactical units during November 1940 is the lowest since April 1940. Lack of skilled labor, rapid plant expansion, delayed engine deliveries, intricate manufacturing processes and lengthy performance tests constitute the principal reasons for these shortages.

TRAINER PLANES:

The delivery of Trainer planes continues to be steady. Although the deliveries during November 1940 were the lowest since July 1940, all contracts combined were 81 units ahead of schedule. Stearman and Vultee are well ahead of schedule whereas Fairchild and Ryan are behind. The latter two companies report difficulties with service tests and in obtaining contractor furnished parts.

TACTICAL ENGINES:

Deliveries of Tactical engines as a whole were 325 units behind schedule as of November 30, 1940. This is, of course, a primary reason for slow deliveries of Tactical planes. Wright and Allison are the delinquent manufacturers. Difficulties with fabrication of parts as well as dilution of trained personnel and plant expansion constitute the main reasons for delay.

TRAINER ENGINES:

Delivery of Trainer engines is satisfactory with the highest deliveries of 1940 being made during November 1940. Although some contractors are slightly behind schedule, Continental, being 115 units ahead, more than covers their deficiencies.

TABULAR SUMMARY - AIRPLANES AND ENGINES - SCHEDULED AND DELIVERED - AS OF NOVEMBER 30, 1940.

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES

ENGINES FOR INSTALLATION (a)

	1045		2216		1280(b)	
	Hvy Bomber		Med. Bomber		Lgt Bomber	
	4-Engines		2-Engines		2-Engines	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	2	2	39	26	3	0
Aug.	3	10	41	34	7	0
Sep.	5	17	47	38	13	0
Oct.	7	32	59	38	17	0
Nov.	15	38	79	38	18	0
Dec.	27		108		22	
Jan. 1941	45		147		39	
Feb.	71		202		70	
Mar.	98		262		111	
Apr.	122		322		159	
May	143		386		209	
June	180		431		266	

	4184*		4356*		2442	
	Hvy Bomber		Med. Bomber		Lgt Bomber	
	4-Engines		2-Engines		2-Engines	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	32	64	18	3	183	165
Aug.	60	72	42	3	223	192
Sep.	100	100	74	3	250	237
Oct.	136	159	120	6	250	249
Nov.	188	237	176	12	319	251
Dec.	252		238		417	
Jan. 1941	350		318		509	
Feb.	448		402		649	
Mar.	532		486		801	
Apr.	604		566		981	
May	624		572		1181	
June	639		614		1301	

	696		4003		1123(c)	
	Pur. Fighter		Pursuit		Observation	
	2-Engines		1-Engine		1-Engine	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	11	7	111	66	3	0
Aug.	16	7	161	123	4	0
Sep.	18	8	214	176	4	1
Oct.	21	10	228	204	8	1
Nov.	21	10	234	204	14	1
Dec.	24		243		24	
Jan. 1941	46		268		41	
Feb.	67		335		66	
Mar.	89		452		97	
Apr.	89		626		144	
May	89		820		191	
June	129		1028		270	

	180		1483*		1895	
	Pur. Fighter		Pursuit		Observation	
	2-Engines		1-Engine		1-Engine	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	22	26	77	125	79	80
Aug.	22	26	158	197	94	102
Sep.	73	28	240	216	110	165
Oct.	128	28	240	218	124	184
Nov.	178	29	259	223	149	192
Dec.	180		277		170	
Jan. 1941			300		215	
Feb.			343		260	
Mar.			390		305	
Apr.			445		345	
May			500		345	
June			545		345	

	3540		3051		1082	
	Prim. Trng.		Basic Trng.		Adv. Trng.	
	1-Engine		1-Engine		2-Engines	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	282	216	163	241	-	-
Aug.	385	325	224	296	-	-
Sep.	445	456	293	350	-	-
Oct.	528	592	362	391	2	0
Nov.	611	673	431	458	8	0
Dec.	645		570		18	
Jan. 1941	842		681		34	
Feb.	1073		761		56	
Mar.	1244		831		99	
Apr.	1465		901		184	
May	1645		976		304	
June	1865		1051		442	

	1924		3051*		2164*	
	Prim. Trng.		Basic Trng.		Adv. Trng.	
	1-Engine		1-Engine		2-Engines	
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	277	343	364	369	-	-
Aug.	327	351	433	453	-	-
Sep.	380	442	521	512	-	-
Oct.	465	519	600	568	-	-
Nov.	549	624	641	612	20	0
Dec.	635		696		65	
Jan. 1941	695		699		165	
Feb.	755		718		295	
Mar.	880		738		425	
Apr.	1030		758		555	
May	1180		778		699	
June	1330		798		869	

* Complete schedule not available.

(a) Final monthly delivery figure subject to revision by classification of excess engines as spares.

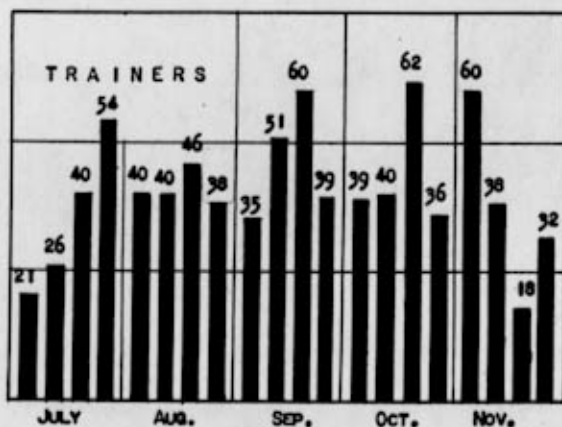
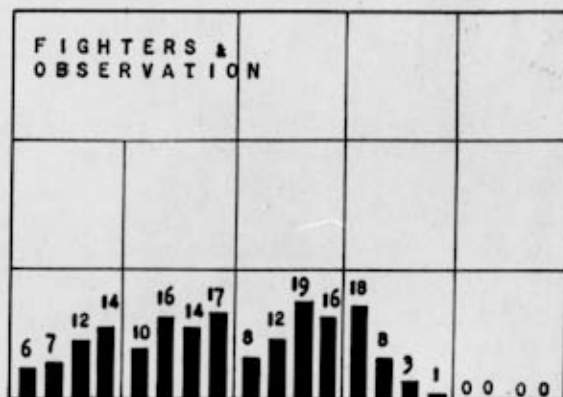
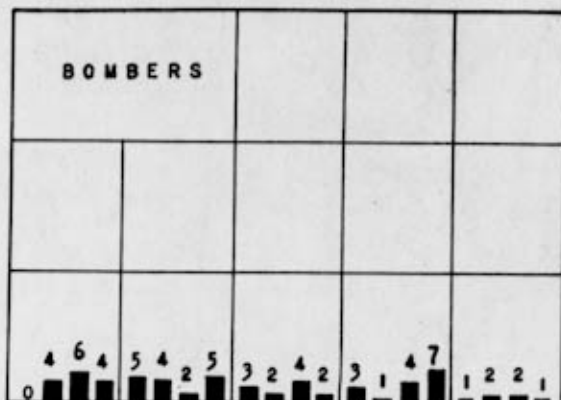
(b) 78 Navy Dive Bombers (1-Engine)

(c) 348 O-53 (1-Engine)

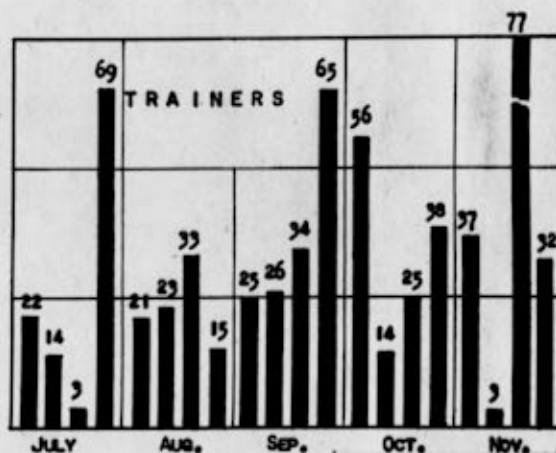
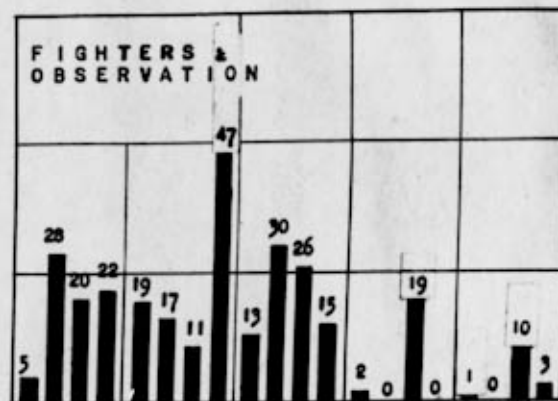
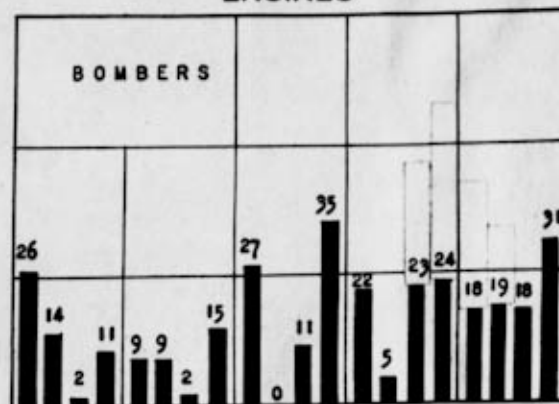
QUARTER MONTHLY PRODUCTION OF AIRPLANES AND ENGINES FOR INSTALLATION

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES



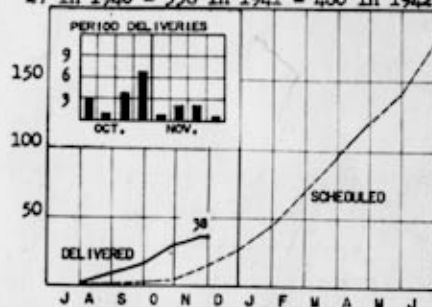
ENGINES



AIRPLANES

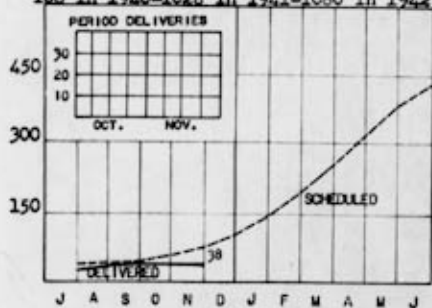
1045 HEAVY BOMBERS

27 in 1940 - 558 in 1941 - 460 in 1942



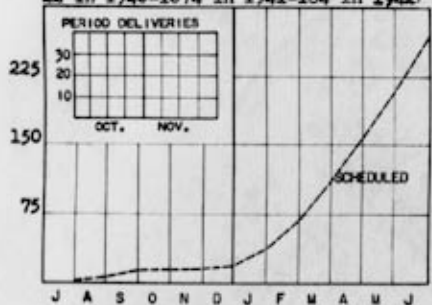
2216 MEDIUM BOMBERS

108 in 1940 - 1028 in 1941 - 1080 in 1942



1280 LIGHT BOMBERS

22 in 1940 - 1074 in 1941 - 184 in 1942

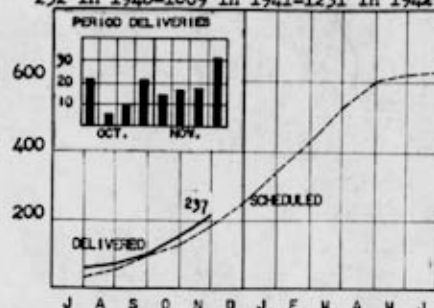


*COMPLETE SCHEDULE NOT AVAILABLE

ENGINES

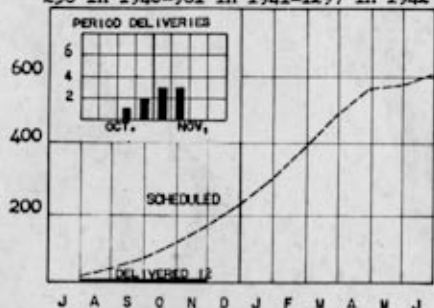
4184 HEAVY BOMBERS

252 in 1940 - 1069 in 1941 - 1231 in 1942



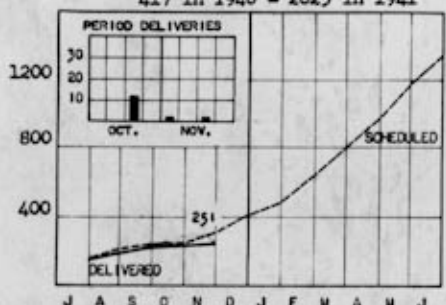
4356 MEDIUM BOMBERS

238 in 1940 - 961 in 1941 - 1297 in 1942



2442 LIGHT BOMBERS

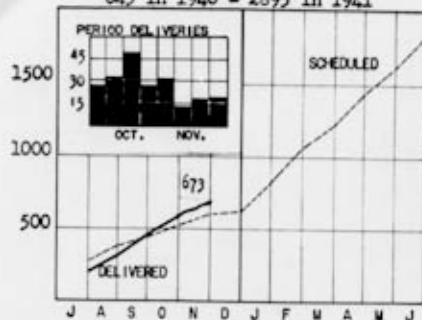
417 in 1940 - 2025 in 1941



AIRPLANES

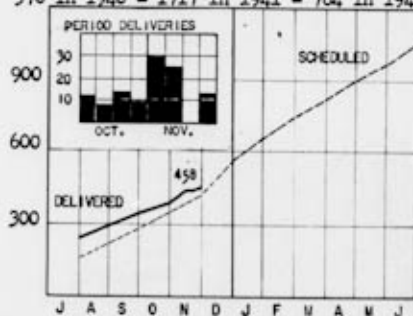
2540 PRIMARY TRAINING

645 in 1940 - 2895 in 1941



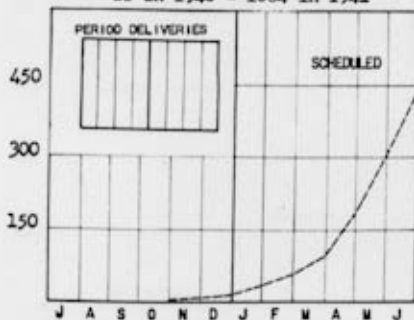
3051 BASIC TRAINING

570 in 1940 - 1717 in 1941 - 764 in 1942



1082 ADVANCE TRAINING, 2-ENGINE

18 in 1940 - 1064 in 1941

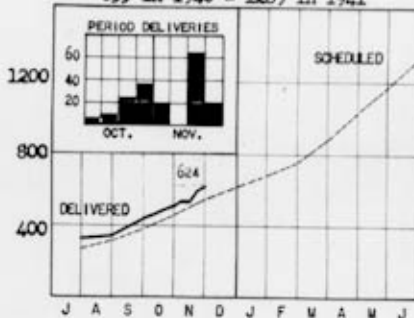


*COMPLETE SCHEDULE NOT AVAILABLE

ENGINES

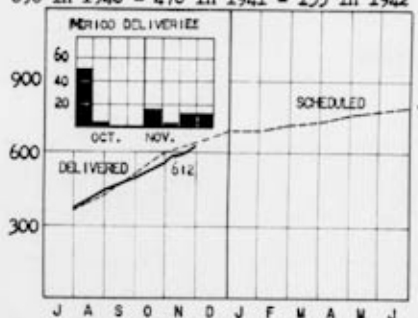
1924 PRIMARY TRAINING

635 in 1940 - 1289 in 1941



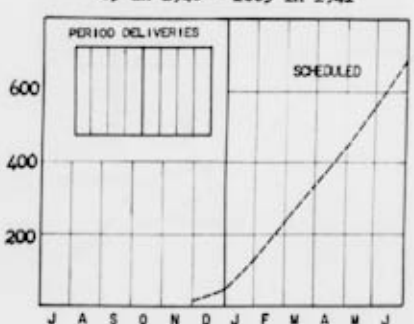
3051 BASIC TRAINING

696 in 1940 - 470 in 1941 - 135 in 1942



2164 ADVANCE TRAINING, 2-ENGINE

65 in 1940 - 1665 in 1941

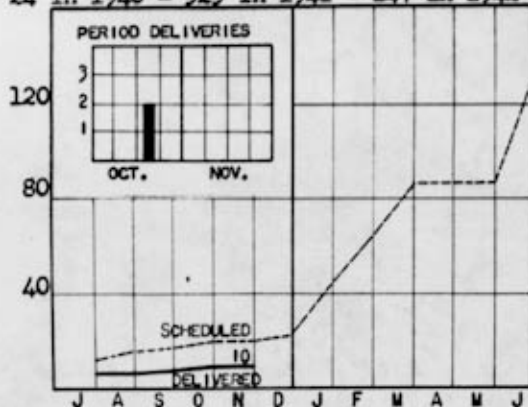


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AIRPLANES

696 PURSUIT, FIGHTER

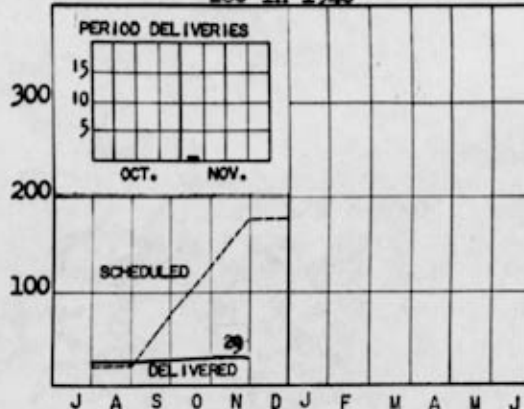
24 in 1940 - 525 in 1941 - 147 in 1942



ENGINES

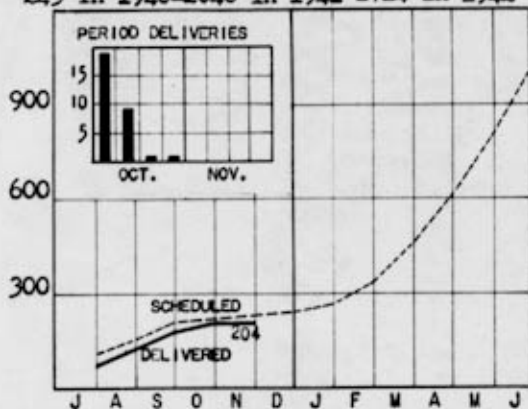
180 PURSUIT FIGHTER

180 in 1940



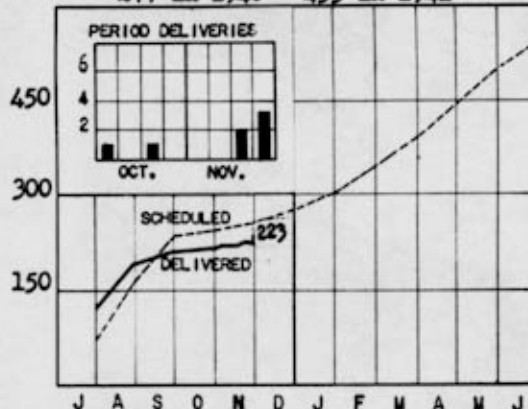
4003 PURSUIT, 1-ENGINE

243 in 1940 - 2046 in 1941 - 1714 in 1942



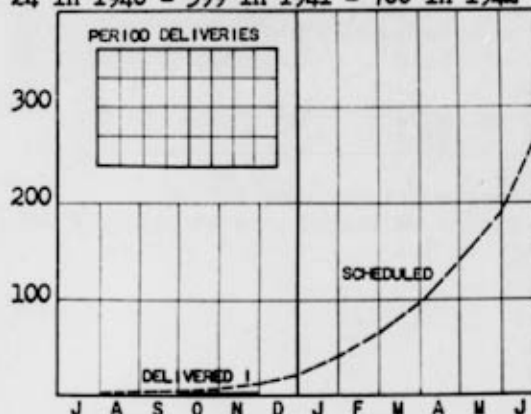
1483 PURSUIT, 1-ENGINE

277 in 1940 - 433 in 1941



1123 OBSERVATION

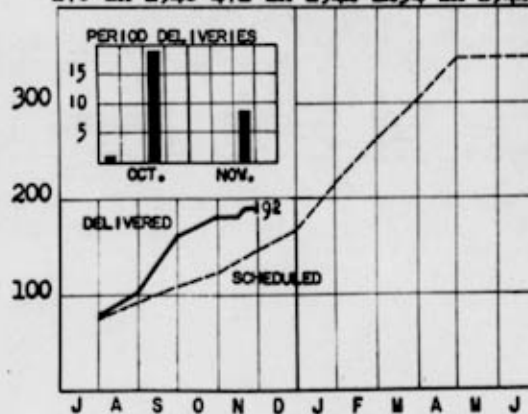
24 in 1940 - 399 in 1941 - 700 in 1942



*COMPLETE SCHEDULE NOT AVAILABLE

1895 OBSERVATION

170 in 1940 - 471 in 1942 - 1254 in 1942



TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - NOV. 23, 1940

Source of Information: Statistics Branch, OQMG

1. Procurement of clothing items listed in the tabular summary of critical and selected Quartermaster items continues to show generally satisfactory progress. The tabular summary, however, again reflects an apparent delinquent status with respect to certain critical items; although improvement is noted in their general procurement.

2. Critical items for which no contracted amounts are indicated have been deferred by the General Staff. A summation, excluding these deferred items, reveals that an average of 54% of the critical items has been contracted and an average of 12% delivered.

3. Increases in quantities under contract during the past week are indicated for the following items:-

Bag, barrack	Mattress, cotton
Bag, canvas, water, sterilizing	Overcoat, wool
Breeches, cotton, khaki	Shirt, cotton, khaki
Breeches, wool	Shirt, wool
Coat, mackinaw	Trousers, cotton, khaki
Coat, woolen, serge	Trousers, wool
Headgear	

4. Delivery increases have been effected during the past week on all listed items with the following exceptions:-

Belt, cart., cal., 30 Ml, mounted	Overcoat, woolen
Belt, cart., cal., 30 Ml, dismtd.	Outfit, cooking, cavalry
Belt, suspenders, M36	Overshoes, arctic
Breeches, cotton, khaki	Saddle, Phillips, pack, cargo
Cutter, wire	Saddle, Phillips, pack, cavalry
Leggings, canvas, mounted	Tent, storage

5. Deliveries appear to be progressing in accordance with amounts scheduled. In this respect, only the following items appear to show definite lag:-

Blanket, wool	Mattress, cotton
Coat, mackinaw	Range, field

6. Delivery figures appear relatively low. Reference to future scheduled quantities, however, indicates that an increasing velocity is anticipated.

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 23, 1940
Source of Information: Statistics Branch, OCMG

Item	Procurement program	Contracted (Delivered & undelivered)	Delivered through Nov.23	Percent contracted	Percent delivered
<u>Critical</u>					
Cloth,overcoating,32 oz.(yds.)	7,371,400	5,882,500	4,646,100	80	63
Cloth,wool,18 oz.,Serge	27,010,442	17,678,250	6,757,539	65	25
Carrier, wire, cutter	61,000	35,000	12,300	57	20
Stove, tent	294,379	126,000	46,267	43	16
Bag,canvas,water,sterilizing	26,530	21,500	3,343	81	13
Leggings,canvas,dismounted	5,021,981	1,548,484	418,412	31	8
Tent, pyramidal	233,953	74,500	17,113	32	7
Range, field M1937	13,563	3,000	604	22	4
Scabbard,subMG,cal.,45	3,155	3,155	101	100	3
Saddle,Phillips,pack,cargo	2,348	1,850	0	79	0
Belt,suspender	105,257	70,257	0	67	0
Saddle,Phillips,pack,cav.	5,828	2,125	0	36	0
Tent, storage	3,529	400	1	11	0
Belt,car.,cal.30 M,dismtd.	779,161	0	0	0	0
Belt,car.,cal.30 M,mounted	128,595	0	0	0	0
Cutter, wire	56,400	0	0	0	0
Leggings,canvas,mounted	1,067,849	0	0	0	0
Outfit,cooking, cav.	1,022	0	0	0	0
<u>Clothing</u>					
Gloves,woolen, o.d.	2,008,934	1,792,290	332,869	89	17
Drawers, wool	5,098,046	3,225,708	869,933	63	17
Undershirt, wool	5,676,126	3,556,297	793,397	63	14
Headgear	8,032,807	3,898,389	1,110,221	49	14
Gloves, heavy, leather	2,217,500	778,010	306,352	35	14
Raincoat	2,152,495	883,700	256,447	41	12
Shirt, wool	6,675,254	2,356,084	750,275	35	11
Socks, wool	28,250,821	7,040,959	3,034,032	25	11
Overcoat, woolen	1,307,966	1,289,508	118,793	99	9
Shoes, service	8,227,718	4,207,521	700,931	51	9
Belt, web, waist	2,975,488	1,410,400	243,000	47	8
Trousers, wool	7,544,603	2,353,558	625,442	31	8
Coat, working, denim	4,341,124	2,888,538	306,252	67	7
Breeches, wool	554,428	552,588	32,082	100	6
Trousers, working, denim	5,076,129	2,826,283	300,940	56	6
Coat, mackinaw	960,855	206,540	47,917	21	5
Coat, woolen, serge	4,190,324	1,309,309	121,783	31	3
Overshoes, arctic	1,200,708	1,167,580	6,468	97	1

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 23, 1940
Source of Information: Statistics Branch, OQMG

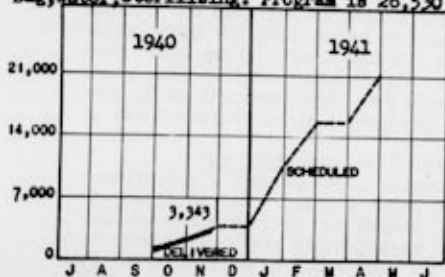
Item	Procurement program	Contracted (Delivered & undelivered)	Delivered through Nov. 23	Percent contracted	Percent delivered
<u>Selected-Clothing (summer)</u>					
Trousers, cotton, khaki	1,299,500	1,299,500	450,895	100	35
Drawers, cotton, shorts	20,613,230	5,155,337	3,863,410	25	19
Socks, cotton	19,102,781	14,035,600	2,614,358	73	14
Undershirt, summer	22,447,359	4,204,932	2,649,524	19	12
Shirt, cotton, khaki	7,266,771	994,000	310,268	14	4
Breeches, cotton, khaki	229,729	227,000	0	99	0
<u>Selected - Equipment</u>					
Bed*	1,933,702	1,605,950	730,290	83	38
Bag, barrack	2,931,110	2,920,547	753,714	100	26
Mattress, cotton	1,541,285	1,379,500	251,855	90	16
Blanket, wool	5,744,958	4,346,714	853,176	76	15

* Includes Bedstead, single; cot, steel, folding; cot, canvas, folding, M38.

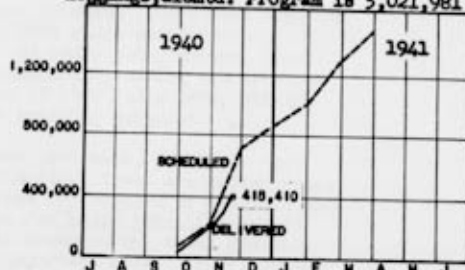
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - Nov. 23, 1940

Source of Information: Statistics Branch, OQMO

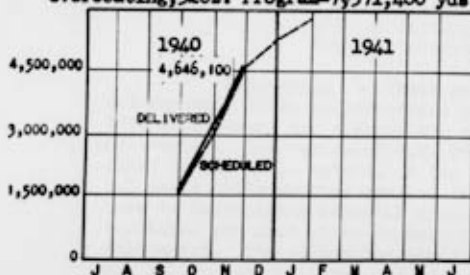
Bag, water, sterilizing. Program is 26,530



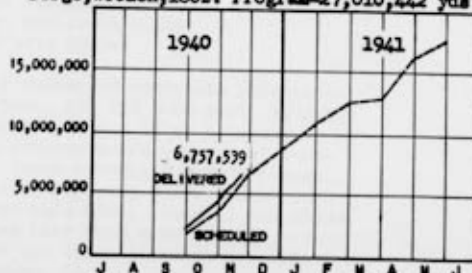
Leggings, dismt'd. Program is 5,021,981



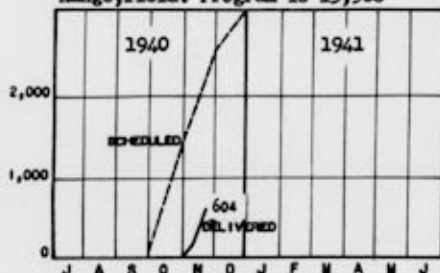
Overcoating, 32oz. Program-7,371,400 yds



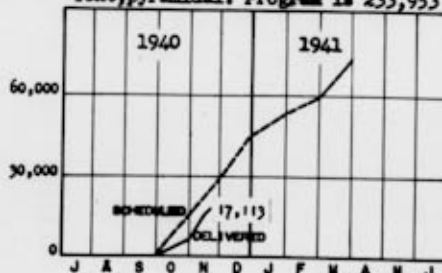
Serge, woolen, 18oz. Program-27,010,442 yds



Range, field. Program is 13,568



Tent, pyramidal. Program is 233,953



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - NOV. 23, 1940

Source of Information: Supply Division, OCSigO

General - The Signal Corps procurement program is progressing very satisfactorily. Seventy-six percent of funds appropriated have been obligated to date. Awards for the greater portion of the balance are anticipated within the next 30 days. There have been cancelled from the procurement program - 1057 radio sets, ground, SCR-131, 2035 radio sets, ground, SCR-161 and 763 radio sets, ground, SCR-171. These sets will be declared limited standard. Pending the development of an improved type, the purchase of 1300 radio sets, SCR-288 is being negotiated as a stop gap for training purposes.

New Contracts - During the past week, contracts were awarded for 372 radio sets, ground, SCR-188. These are medium range transmitting and receiving sets, carried in vehicles or aircraft and used by the Air Corps and Signal Corps for radio intelligence and liaison work. This award places under contract the total quantity of these sets to be procured. Other important awards since November 16th include the following:

- 527 - Reel cart RL-16
- 3,388 - Interphone equipment RC-36
- 413 - Interphone equipment RC-45
- 593 - Telegraph sets TG-5-A

Deliveries - There are a number of contracts which are delinquent. These delinquencies pertain, for the most part, to F.Y. 1940 procurement and appropriate action has been taken to speed up deliveries. Deliveries of F.Y. 1941 contracts are not as yet scheduled to any great extent. A few of these contracts are delinquent, but these delinquencies are not regarded as being sufficiently serious to necessitate remedial action at this time. None of the items tabulated and upon which no deliveries have been made are at present delinquent. The deliveries scheduled for these items do not call for any deliveries until the end of November, 1940.

TABULAR SUMMARY - SIGNAL CORPS - SELECTED AND CRITICAL ITEMS - NOV. 23, 1940
Source of Information: Statistics Branch, OCSigO, Supply Division

Items	Procurement program	Contracted (Delivered & undelivered)	Delivered through Nov.23	Percent contracted	Percent delivered
Telephone, EE-8	100,802	100,802	23,645	100	28
Frequency meter set SCR-211	7,459	7,278	1,468	98	20
Wire W-110-B (miles)	135,910	131,874	23,567	97	17
Radio compass	5,382	5,382	923	100	17
Radio sets, aircraft	24,580	24,580	3,654	100	15
Radio sets, ground	24,018	21,096	1,263	88	5
Reel Unit RL-26-A	5,567	2,713	264	49	5
Converter M-134	327	327	0	100	0
Marker beacon receiving equip.	4,951	4,951	0	100	0
Switchboard BD-71	3,269	3,269	0	100	0
Switchboard BD-72	2,268	2,268	0	100	0
Spotting set PH-32(Theodolite PH-BC-33)	93	89	0	96	0
Charging set SCR-169	1,345	680	0	51	0
Telephone central office set TC-2	74	24	0	32	0
Flash ranging equipment GR-4	29	8	0	28	0
Sound ranging equipment GR-3-C	35	0	0	0	0

Radio sets, ground, requiring special attention due to highly critical nature.

Radio set SCR-188	652	652	79	100	12
Radio set SCR-245	3,585	3,460	350	97	10
Radio set SCR-177	1,116	1,066	75	96	7
Radio set SCR-193	2,477	2,402	40	97	2
Radio set SCR-268	418	418	0	100	0
Radio set SCR-270	103	103	0	100	0
Radio set SCR-271	29	29	0	100	0
Radio set SCR-197	323	321	0	99	0
Radio set SCR-206	221	71	0	32	0
Radio set SCR-288	1,300	0	0	0	0

SELECTED SIGNAL CORPS MATERIEL - NOV. 23, 1940

Source of Information: Supply Division, OCSigO

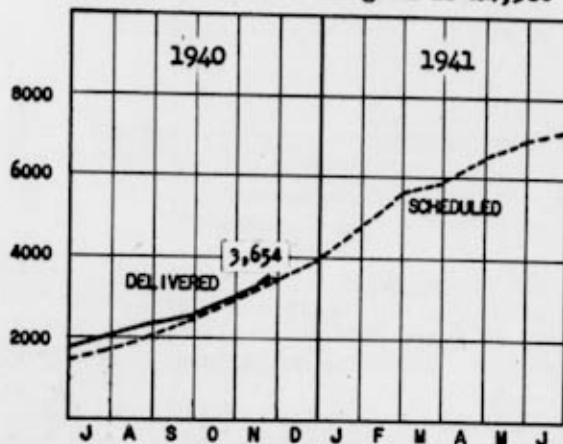
Item	Requirements 2000 M men	Stocks - troops & depots	Percent of requirements
Switchboard BD-71	6,399	3,293	51
Telephone, EE-8	96,786	39,708	41
Switchboard BD-72	5,200	1,966	38
Wire W-110-B (miles)	154,185	54,501	35
Frequency meter set SCR-211	7,009*	1,794	26
Reel Unit RL-26-A	5,556	1,253	23
Radio sets, ground	24,518	4,861	20
Flash ranging equipment GR-4	31	2	6
Sound ranging equipment GR-3-C	37	2	5
Charging set SCR-169	1,144	16	1
Converter M-134	185	0	0
Telephone central office set TC-2	60	0	0

* Includes requirements for airplane program.

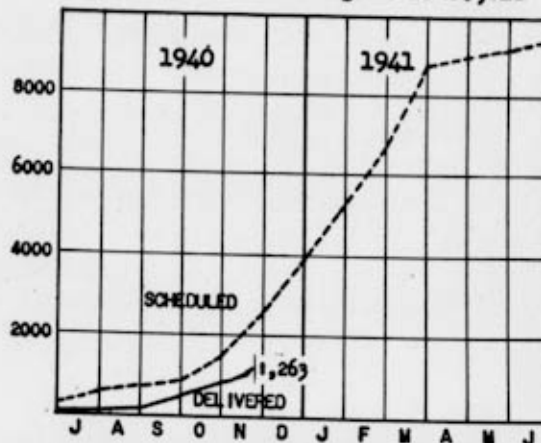
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - STATUS AS OF NOVEMBER 23, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

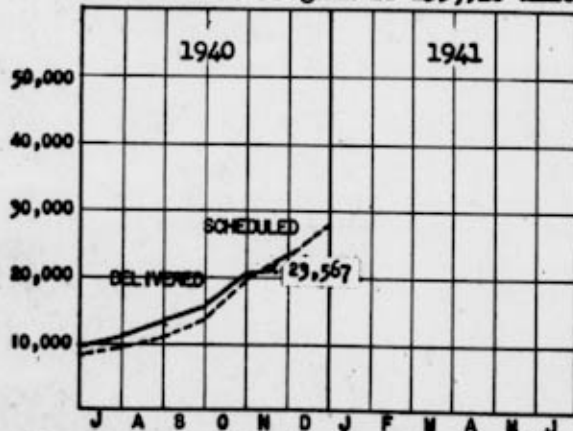
Radio Set-Aircraft. Program is 24,580



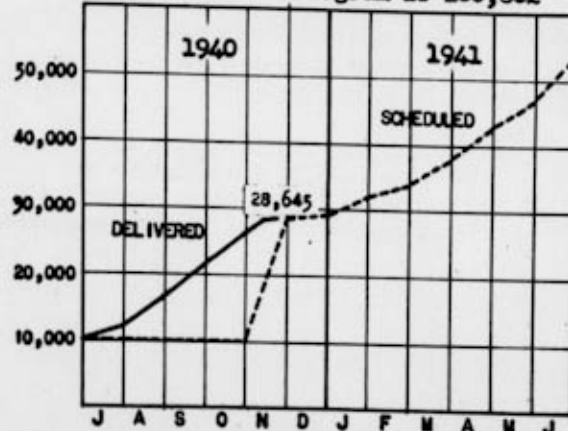
Radio Set-Ground. Program is 24,018



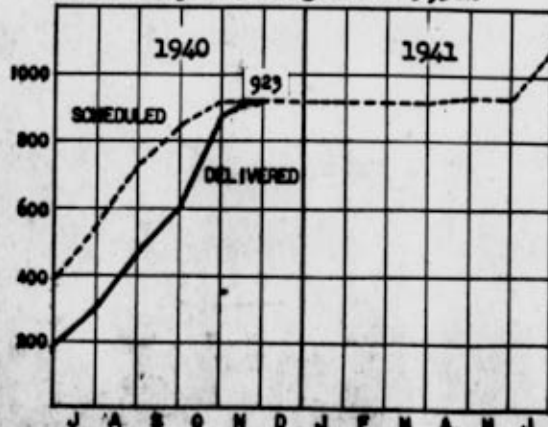
Wire-W-110-B. Program is 135,910 Miles



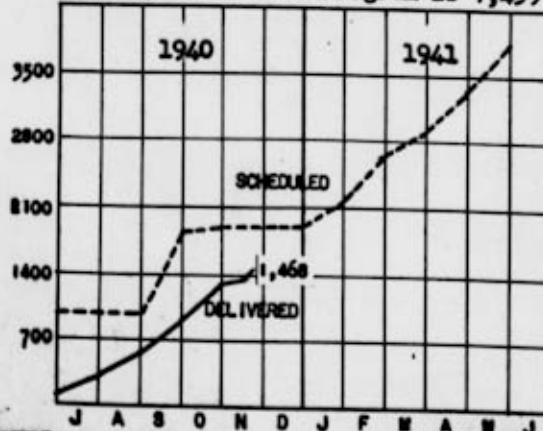
Telephone-EE-8. Program is 100,802



Radio Compass. Program is 5,382



Frequency Meter Set. Program is 7,459



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOV. 30, 1940.

Source of Information: Office of the Chief of Engineers.

MIXER, CONCRETE -- PROGRAM COMPLETED

WELDING AND CUTTING SET -- PROGRAM COMPLETED

Deliveries on these two items completed the 1940 and 1941 Procurement Programs.

COMPRESSOR, AIR, MOTORIZED -- CONTRACTED 100 PERCENT

A new contract for 450 units brought the number of compressors under contract to 971, which is 100 percent of the program. Deliveries are exactly on schedule.

SEARCHLIGHT, 60" A.A. -- FALLING BEHIND

The contractors have been unable to keep up with their schedules. They are 57 units or 21 percent behind the schedule of 278 units for November 30. They fell behind 23 of the 57 units in the two-week period ended November 30. It is expected that the realities of the situation will be faced and that schedules which can be filled will soon be worked out.

MIRROR, FOR 60" A.A. SEARCHLIGHT -- TROUBLE

In the two-week period ended November 30, deliveries of mirrors decreased from 11 behind to 25 behind schedule. The schedule was 65, but only 49 were delivered. The result is that the program is 5 percent behind. But only 54 percent of the program is under contract (1,142 out of 2,135).

TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH NOV. 30, 1940

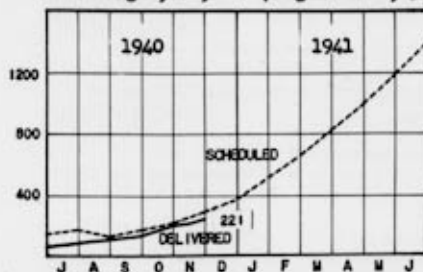
Source of Information: Office of Chief of Engineers

Item	Current Program	Contracts filled & unfilled	Delivered through Nov. 30	Percent contracted	Percent delivered
Map reproduction equip. C.A. Hqs.	4	4	4	100	100
Mixer, concrete	78	78	78	100	100
Welding & Cutting set	131	131	131	100	100
Power earth auger	68	68	48	100	71
Grader, road, motorized	93	93	59	100	63
Boat, assault	3771	3771	2125	100	57
Water purification unit, port.	217	217	108	100	50
Shovel, gas, 3/8 cu. yd.	94	94	34	100	36
Bridge, steel, port., H-10	94	94	31	100	33
Compressor, air, motorized	971	971	308	100	32
Footbridge, M1938	117	117	31	100	26
Angledozer for med. tractors	616	358	145	58	24
Mirror, searchlight	2135	1142	442	53	21
Water purification unit, mtzd.	55	45	11	82	20
Ponton bridge, 10 ton	93	93	16	100	17
Shovel, gas, 1/2 cu. yd.	45	10	6	22	13
Hammer, gas	1063	143	143	13	13
Searchlight, 60" A.A.	2159	2159	221	100	10
Map reproduction equip. mtzd.	29	25	3	86	10
Stereoscope, mag. (lens prism)	151	151	9	100	6
Mobile reproduction train	1	1	0	100	0
Ponton bridge, 25 ton	47	47	0	100	0
Stereoscope, mirror mag.	2522	2522	0	100	0
Trailer for med. tractors	609	609	0	100	0
Explosive, (nitrostarch) tons	400	200	0	50	0
Electric lighting equipment	124	0	0	0	0
Machine, dupl., gelatin proc.	160	0	0	0	0
Water supply equipment	68	0	0	0	0
Searchlight, 18" beach	104	procurement deferred			

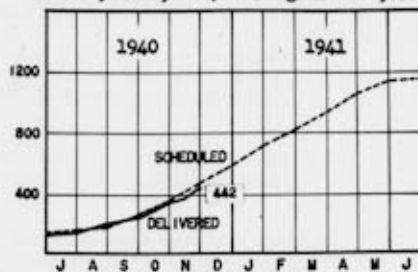
CORPS OF ENGINEERS - PROCUREMENT PROCESS THROUGH Nov. 30, 1940

Source of Information: Office of the Chief of Engineers

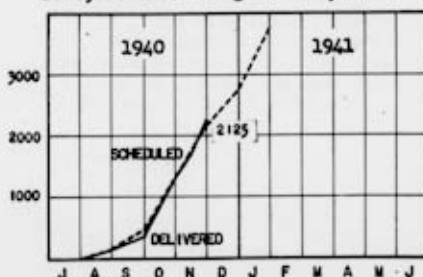
Searchlight, 60", AA. Program is 2,159



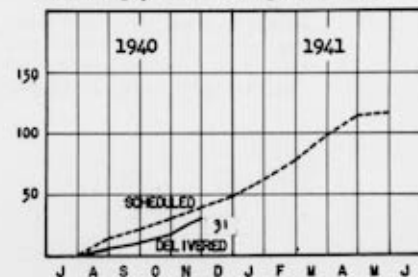
Mirror, metal, 60"S/L. Program is 2,135



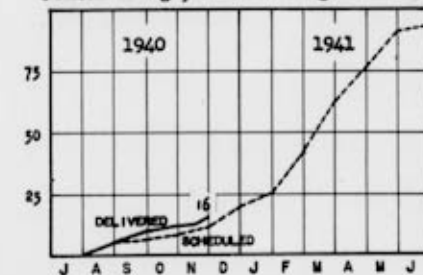
Boat, assault. Program is 3,771



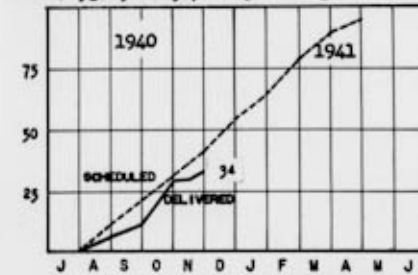
Footbridge, M1938. Program is 117



Ponton bridge, 10-ton. Program is 93



Shovel, gas, mtsd, 3/8cu.yd. Program is 94



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDING Dec. 7, 1940

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

In general the delivery of surgical instruments on existing contracts is on schedule time and contractors are cooperating thoroughly by giving priority to those items that are needed for immediate use.

New contractors have had some trouble with dies for surgical instruments not being able to stand the strain. Some have also experienced difficulty with forgings which fail to possess the proper tensile strength.

The J. Sklar Manufacturing Company, Long Island City, New York, needs in the manufacture of surgical instruments a #000 plain milling machine and the best delivery they can get is April 4, 1941.

In the manufacture of individual equipment such as Inserts, Kit Suspenders, Cantle Ring, and Litter Straps contractors have found a scarcity of the proper duck and webbing. Owing to a scarcity of linen thread, specifications were changed to call for cotton for the purpose of making Kit Suspenders.

The Howe Folding Furniture, Inc., New York City, with a contract for the manufacture of field dining tables and common chairs, stated that they were having difficulty in securing plywood and aluminum. Difficulty in securing plywood has been noted in the past on all contracts for the Chest field modified and plain.

TABULAR SUMMARY - MEDICAL DEPARTMENT - CRITICAL AND ESSENTIAL ITEMS - Nov. 23, 1940

Source of Information: Medical Department, Weekly Progress Reports

<u>ITEM</u>	<u>PROCUREMENT PROGRAM</u>	<u>UNDER CONTRACT</u>	<u>DELIVERED</u>	<u>PERCENT OF PROGRAM CONTRACTED</u>	<u>PERCENT OF CONTRACT DELIVERED</u>
<u>Critical</u>					
Kit, canteen ring strap	138,000	70,000	70,000	51	100
Kit, pouch, canvas	170,000	102,000	70,000	60	69
Kit, litter strap	108,000	40,000	24,000	37	60
Sphygmomanometer, aneroid	11,330	2,300	1,391	20	60
Knife, operating	431,098	63,000	34,676	15	55
Scissors, bandage	83,710	32,000	14,400	38	45
Sterilizer, hospital	2,663	461	120	17	26
Forceps, hemostatic	413,280	315,500	32,810	76	10
Forceps, towel	96,220	60,000	4,791	62	8
Forceps, tissue	83,475	40,000	246	48	1
Packets, first aid	1,200,000	1,200,000	0	100	0
Chest, field, modified	5,500	3,000	0	55	0
Chest, field, plain	10,500	5,500	0	52	0
Kit, suspender	62,000	30,000	0	48	0
Kit, insert (Type I & II)	73,000	25,000	0	34	0
<u>Essential</u>					
Splint, strap	10,562	10,000	10,000	95	100
X-Ray machine, shockproof, complete, bedside	203	55	28	27	51
Autoclave, lab., field	50	50	24	100	48
Thermometer, clinical	420,000	360,000	146,000	86	41
Splint, Thomas, leg	12,750	11,000	1,000	86	9
X-Ray machine, shockproof, complete, radiographic, fluoroscopic (stationary)	186	58	5	31	9
Case, splint	2,500	2,500	0	100	0
Carrier, field, collapsible	2,250	1,000	0	44	0
X-Ray field, table unit	88	25	0	28	0
Basic instrument set case, empty	3,200	0	0	0	0
X-Ray field, mobile unit	239	0	0	0	0

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - Dec. 7, 1940

Source of Information: Reports from Chemical Warfare Service, and personal contact with Lt. C. H. Small, C.W. Reserves.

The manufacture or assembly of critical items at Edgewood Arsenal is proceeding in a satisfactory manner.

Procurement of WP (White Phosphorus) is held up, pending construction of additional storage facilities.

TABULAR SUMMARY - CHEMICAL WARFARE SERVICE - CRITICAL ITEMS - Nov. 22, 1940

Source of Information: Chemical Warfare Service, Weekly Progress Reports

ITEM	PROCUREMENT PROGRAM	UNDER CONTRACT	DELIVERED	PERCENT OF PROGRAM CONTRACTED	PERCENT OF CONTRACT DELIVERED
Mustard gas (tons)	2,630	2,630	649	100	25
Gas mask, service	1,879,781 <u>a/</u>	1,879,781	460,512	100	24
Impregnite I (tons)	1,711.5	1,011.5	62.1	59	6
Alarm, gas	27,808	10,471	0	38	0
Impregnite S (tons)	2,317	862	0	37	0
Gas mask, diaphragm	920,354	389,425	0	42	0
Gas mask, optical	116,623	38,943	0	33	0
Airplane tanks, chemical spray	3,642				
Gas mask, horse	124,722	0 <u>b/</u>			
Shell, C.M.	53,800	0 <u>b/</u>			
Shell, L.P.	3,548	0 <u>b/</u>			

a/ Includes 1,210,797 under letters of intent.

b/ Procurement deferred

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH NOV. 30, 1940.

Source of Information: Office, Chief of Coast Artillery.

GENERAL.

The report for this week shows no changes of any kind from that of the week ended November 23, 1940. At present there are only three Controlled Items for the Coast Artillery.

M3 SUBMARINE MINE, CASEMATE EQUIPMENT, GROUPS -- GOOD.
Deliveries are on schedule.

EXPLOSIVE, TNT -- NO CONTRACTS AWARDED.
The Coast Artillery holds a greatly deferred position on this item so no progress can be reported until others with greater priority have been supplied.

CABLE, SUBMARINE MINE -- NO DELIVERIES.
Contracts for the entire requirement, 3,610,000 ft., are let but no deliveries are scheduled until March, 1941.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH NOV. 30, 1940.

Source of Information: Office, Chief of Coast Artillery.

Item	Program 1940 & 1941	Contracts filled & unfilled	Delivered through Nov. 16	Percent con- tracted	Percent de- livered
M3 submarine mine, casemate equipment groups	138	138	11	100	8
Cable, submarine mine, type I and II (1000 ft.)	3610	3610	0	100	0
Explosive TNT (1000 lbs.)	Ordnance has not yet determined quantity avail- able for C. A. C.				

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WEEKLY STATISTICAL REPORT

SUMMARY

No. 24

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WEEKLY STATISTICAL REPORT

No. 24

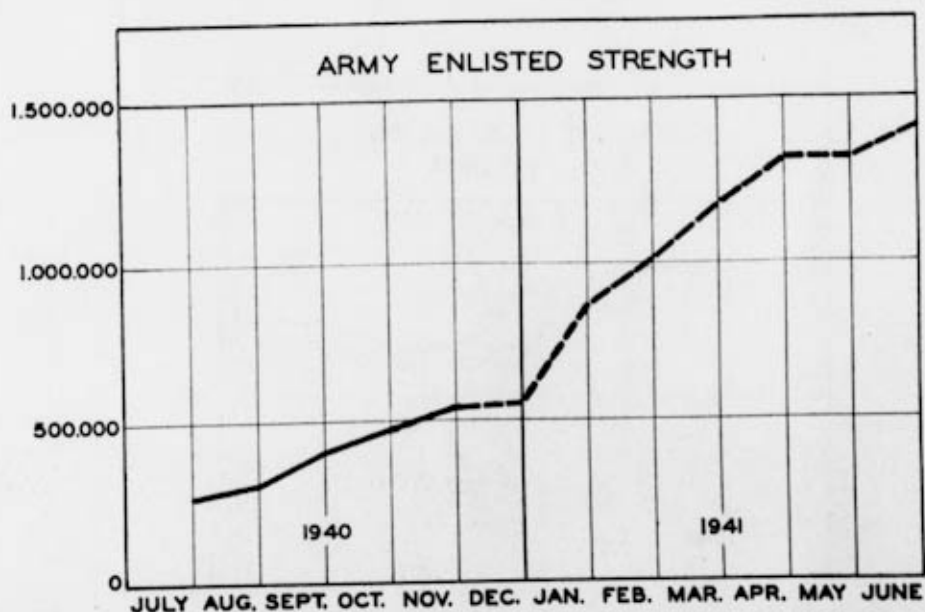
December 14, 1940

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BASIS OF REQUIREMENTS

The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

Source of information: Statistics Branch, General Staff. Nov. 18, 1940

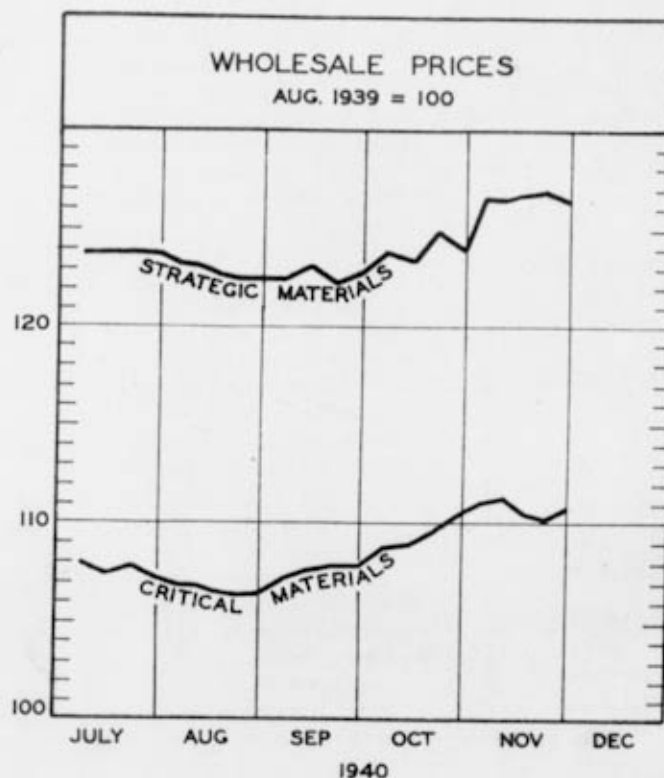


<u>Month</u>	<u>Total</u>
July, 1940	268,941
Aug.	302,968
Sept.	405,293
Oct.	474,883
Nov.	540,659
Dec.	550,659
Jan. 1941	858,673
Feb.	1,028,835
Mar.	1,178,835
Apr.	1,328,835
May	1,328,835
June	1,418,000

PRICES

Advances in the prices of strategic materials have resulted principally from the increased prices of manila fiber, manganese, chrome ore, and tungsten ore. Price advances in critical materials are principally the result of the increased prices in leather, hides, wool and cork.

Source of Information: Indexes compiled by ACCND.



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

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

Aid to Britain interests the editorial writers more, this week, than any other phase of the Defense Program. Nevertheless, this interest is a declining one. It is less this week than last and less last week than the week before. Probably this decline reflects a growing belief in England's ability to hold out, on the one hand, and on the other a feeling that the need for financial aid must be settled before further material aid can be advocated. There is also a suspicion that the United States are being subjected to a deliberate British propaganda campaign and this no doubt has helped to produce the general cooling off toward all forms of aid. The belief that Britain should have available credit exactly balances the belief that credits should not be made available for the present. The World Telegram (Scripps Howard keynoter) is advocating the purchase of British possessions in the Caribbean and there are echoes from other quarters.

The attitude toward labor is one of watchful waiting. If more labor troubles develop indignation will again flare up but for the present there is little enthusiasm for legislative control. Further development of arbitration or mediation is advocated. There is doubt about the workability of the 40 hour week.

There has been a slackening in the drive for reorganization of the ACCND due to the belief that the President will take action in this direction on his return.

In the field of economics concern about inflation is still strong. Further enforcement and extension of priorities is approved. It is still early for a sound reaction to the new Treasury notes but the indications are that they will be favorably regarded.

TABULAR SUMMARY

AID TO BRITAIN

	Tallies
For credits	9
Against credits	9
Buy possessions	6
Send our ships	5
Change laws	3
Do not send our ships	1
All possible aid	1
Aid Britain 60-40	1
Approval of BWRS Inc.	1
Aid slow	1

ECONOMICS, INFLATION

	Tallies
Inflation	5
Enforce priorities	5
New Treasury notes	5
Strict price control	4
Do not increase taxes	3
Cut Govt. spending	2
Budget	2
Interest rates	2
Increase production	1
Broaden tax base	1
Against double budget	1
Cut civil buying	1
Not true prosperity	1

HOURS, WAGES, LABOR

	Tallies
For arbitration	6
Strikes must stop	4
40 hr week won't work	4
For Mr McGrady's appt	3
Train relief workers	3
Walsh-Healey must go	2
Labor should unite	1
Skilled labor lack	1
No legal control	1

SLOW PROGRESS

	Tallies
Airplane production	3
Airplane engines	1
Steel plant capacity	1
Plant expansion	1
Explosives	1
Munitions in general	1

AUTHORITY FOR ACCND

	Tallies
Need for authority	4
Air director needed	2
Need for chairman	1
Single agency needed	1

ST. LAWRENCE

	Tallies
Against project	9
For project	3

TREND TOWARD WAR

	Tallies
We are trending	6
We are not trending	1
Do not go to war	1

GOVT. AND BUSINESS

	Tallies
Ind. Mob. Plan needed	4
Run plants 24 hours	2

MISCELLANEOUS

	Tallies
Steel shortage	2
For civil planes	2
Bad plane planning	2
Against White Comm.	2
Air industry good	1
Management shortage	1
Decentralize plants	1
Bomb-proof plants	1

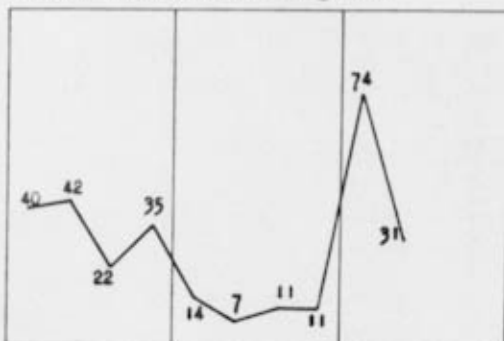
GENERAL CRITICISM

	Tallies
GENERAL CRITICISM	18
LACK OF FACTS	10
GENERAL COMMENDATION	7

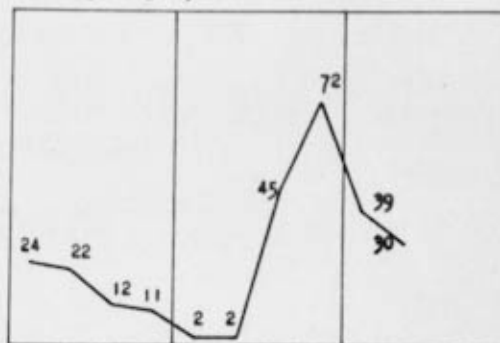
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Thursday.

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

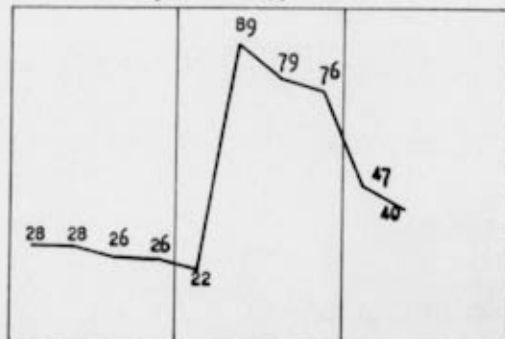
Criticism of Slow Progress



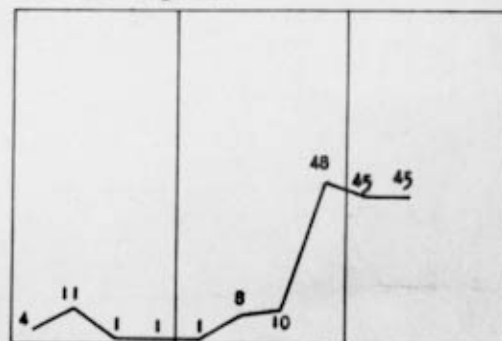
Hours, Wages, Labor Problems



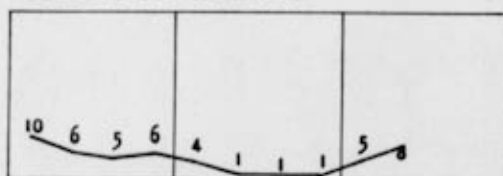
Economics, Banking, Inflation



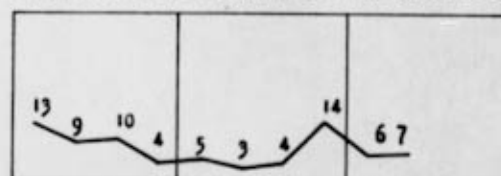
Aid for England



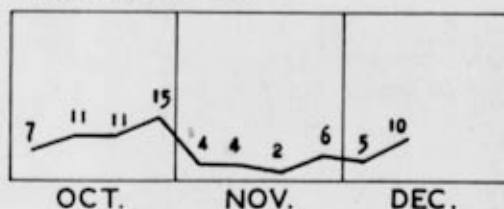
General Commendation



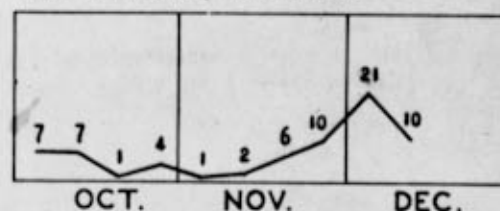
Relations of Government to Business



Trend Toward War



More Authority for ACCND



COMMITMENTS FOR MUNITIONS AND FACILITIES

The most important current effort of the Supply Arms and Services is that of placing over six and a half billion dollars worth of business from appropriated funds. More than 73 percent of that business has been placed.

Source of Information: Weekly Progress Report - Stat. Br., OASW - Dec. 12, 1940

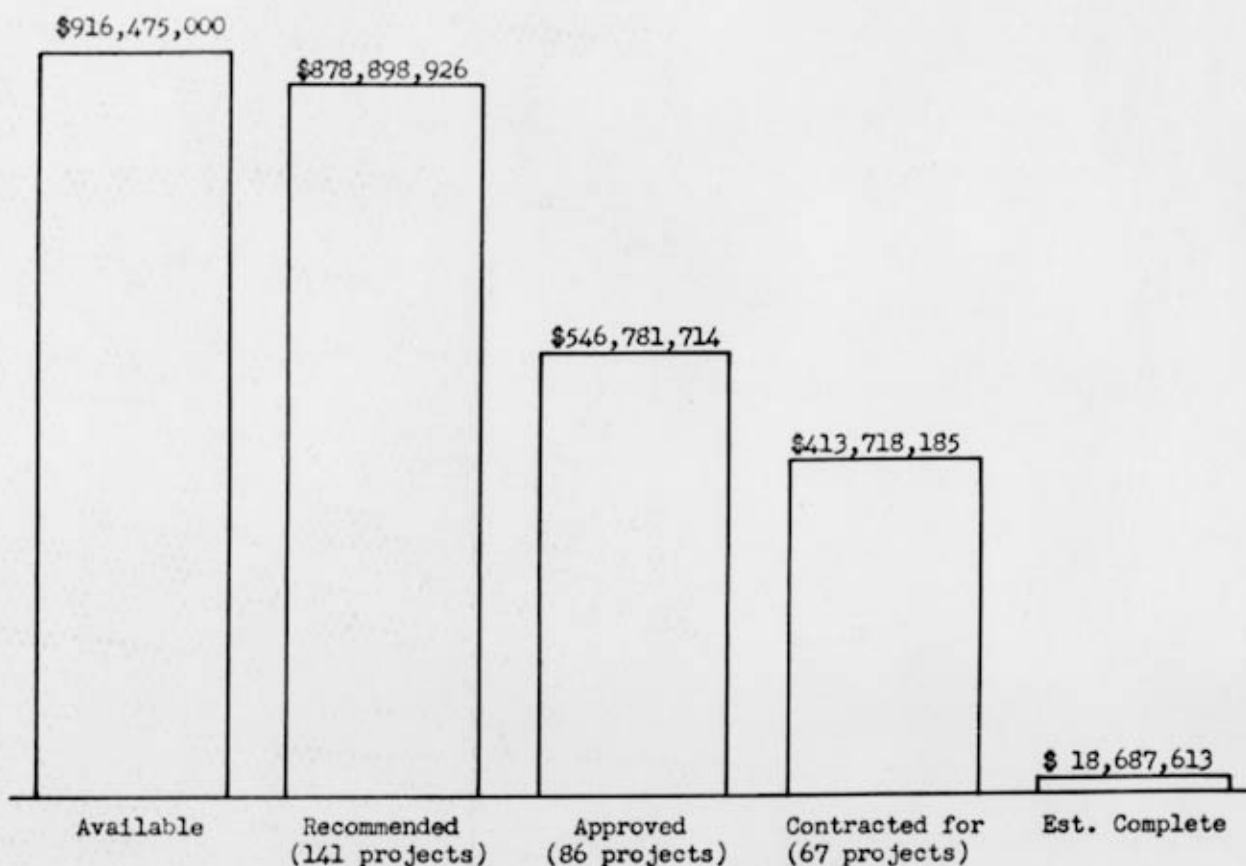
	<u>AVAILABLE FOR MUNITIONS AND FACILITIES</u>	<u>Percent obligated to Dec. 11</u>
AIR CORPS	\$2,211,772,898	71.3
ORD. DEPT.	\$1,811,733,292 b/	81.5
Q. M. C.	\$1,319,174,969	49.9
FAC. FOR EXP. a/	\$916,475,000 b/	95.9
SIG. CORPS	\$169,212,328	80.9
CORPS OF ENG.	\$ 77,693,691	65.3
CHEM. WAR. SER.	\$ 44,827,422	84.8
MED. DEPT.	\$ 39,429,388	55.2
C. A. C.	\$ 1,268,889	74.9
TOTAL	\$6,591,587,877	73.4

a/ NOTE: The abbreviation FAC. for EXP. refers to New Facilities for Expediting Production

b/ NOTE: Includes \$44,275,000 from M.A.A. 1941 appropriated direct to S.A.S. and \$169,200,000 transferred from Ord. Dept. funds by direction of Sec'y of War.

NEW FACILITIES FOR EXPEDITING PRODUCTION - December 6, 1940

Source of Information: Construction Division Report, December 6, 1940



TEXT SUMMARY - TANKS - ORDNANCE DEPARTMENT - Dec. 14, 1940

Source of Information: Ind. Service, Ord. Dept.; and Clearance Com., A. & N. M. B.

Current procurement of approximately 8,285 tanks for the American and British Governments is being expedited by close cooperation between prime contractors (six railroad equipment manufacturers and one automobile manufacturer) and the Ordnance Department. Information concerning drawings and specifications is being interchanged by frequent meetings of engineering representatives.

Production of the 3,454 light tanks (excluding 34 combat cars) being procured by the American Government started in May, 1940. The hulls and assembly of these tanks are all being made by one railroad equipment manufacturer which expects to increase its monthly output to more than 100 in January and above 250 in June, 1941, with completion now set for February, 1942.

Rock Island Arsenal started to make 126 medium tanks in August, 1940 and expects to complete its order in June, 1941. Contracts for 4,455 hulls and assemblies of the standard Medium Tank, M3 have been placed with six private manufacturers by the American and British Governments. Three of these companies plan to begin output by mid-1941, contingent on receipt of drawings and availability of machinery. The other three expect to start deliveries in succeeding months. Aggregate monthly deliveries are planned to reach 350 before the close of 1941. However, two companies are dependent on one producer of power trains (including transmission, control differential and final drive), which is uncertain as to whether it can obtain necessary machinery tools.

The four manufacturers under British Government contracts for 2,085 medium tanks, have reported delivery schedules of 180 units per month for October, 1941 and plan completion in 1942.

One manufacturer expects to complete delivery of 1,000 medium tanks to the American Government in July, 1942 but two other manufacturers do not anticipate completion of their orders for the Army until about the middle of 1943.

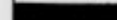
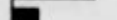
Plans by the Armored Force for the activation of four divisions and fifteen G.H.Q. Reserve Battalions through June, 1941 indicate a shortage at that time of about 730 standard medium tanks and about 260 standard light tanks for initial equipment. There are sufficient substitute and limited standard light tanks on hand to fill this shortage of light tanks.

Orders Placed in United States by United Kingdom,
as of November 1, 1940 (Excluding Air & Naval Orders)

Component	Description	On Order	Delivery Schedules				Actual Deliveries By Nov. 1, 1940	On Option
			Start	1940	1941	After 1941		
Hull & Assembly	6-ton	2,085	6-41	0	760	1,325	0	1,000
Engine	Wright-400H.P.	3,500	6-41	0	1,505	1,995	0	1,500
Turret	Steel Armor							
	Castings	1,250	1-41	0	1,250	0	0	0
Transmission	-	800	Current	278	522	0	88	0
Suspension Unit	-	800	Current	299	501	0	144	0
Gun Mount.	-	800	Current	373	427	0	143	0

TABULAR SUMMARY - ORDNANCE - TACTICAL MATERIAL - Dec. 7, 1940

Source of Information: Equip. Div. Field Ser. & War Plans Div. Ord. Dept. & G-4

Item	Requirement 2,000,000 men	Stocks-Field Ser. (in hands of Troops)	Percent of requirement						
	Number	Number	%	0	20	40	60	80	100
<u>Combat Vehicles</u>									
Tank, light	3,626	448	12						
Tank, medium	2,513	19	1						
Scout car	2,794	802	29						
Personnel carrier, 8-man	5,456	0	0						
Personnel carrier, 13-man	3,902	0	0						
Machine gun, Cal.50 (H.B.)	8,250	329	4						
Machine gun, Cal.30 (Var.)	48,402	2906	10						
Submachine gun, Cal.45	33,036	1322	4						
Gun, 37mm, tank	6,037	195	3						
Gun, 75mm, tank	2,513	0	0						
<u>Antiaircraft</u>									
Gun, 3" }	1,819 {	500	27						
Gun, 90mm }		0							
Gun, 37mm, A.A.	3,322	66	2						
Machine Gun, Cal.50 (W.C.)	4,215	834	20						
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,471	1348	92						
Howitzer, 75mm, field & pack	966	109	11						
Howitzer, 105mm	2,727	14	1						
Gun, 155mm	395	4	1						
Gun, 155mm (H.S.)	710	156	22						
Howitzer, 155mm (H.S.)	1,909	684	36						
<u>Unmodified & other models</u>									
Gun, 75mm	—	2288	—						
Gun, 155mm	—	791	—						
Howitzer, 155mm	—	1417	—						
<u>Small Arms</u>									
Rifle, Cal.30, M1, semiauto	470,700	81641	17						
Machine gun, Cal.30 (Var.)	18,546	951	5						
Machine gun, Cal.50 (H.B.)	4,013	440	11						
Gun, 37mm, antitank	4,828	500	10						
Mortar, 60mm	9,555	548	6						
Mortar, 81mm	3,211	436	14						
<u>Aircraft Armament</u>									
Machine gun, Cal.30, fix.&fl.	33,410	8095	24						
Machine gun, Cal.50, fix.&fl.	54,623	4003	7						
Gun, 20mm, automatic A.C.	776	15	2						
Gun, 37mm, automatic A.C.	1,009	45	4						

TABULAR SUMMARY - ORDNANCE MATERIEL PROCUREMENT - OCTOBER 31, 1940

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

Item	Current Procurement Program	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
<u>Combat Vehicles</u>					
Tank, light	3,488	3,488	100	310 c/	9
Tank, medium	2,496	1,811	73	3 c/	-
Scout car	2,701	2,701	100	594 c/	22
Personnel carrier, 8-man	5,445	5,445	100	0	0
Personnel carrier, 13-man	3,902	3,902	100	0	0
Machine gun, Cal.50 (H.B.)	7,753	7,753	100	e/	-
Machine gun, Cal.30 (Var.)	48,402	48,402	100	3,193	7
Submachine gun, Cal.45	21,348	21,348	100	1,526	7
Gun, 37mm, tank	6,040	6,040	100	320	5
Gun, 75mm, tank	2,513	2,513	100	0	0
<u>Antiaircraft</u>					
Gun, 3"	152	152	100	48 d/	32
Gun, 90mm	1,203	414	34	0	0
Gun, 37mm, A.A.	3,195	3,195	100	175 d/	5
Machine gun, Cal.50, (W.C.)	3,407	3,311	97	96	3
<u>Artillery</u>					
Howitzer, 75mm, field & pack	958	958	100	21 a/	2
Howitzer, 105mm	2,728	240	9	0	0
Gun, 155mm	392	392	100	0	0
<u>Modernization - H.S.</u>					
Gun, 75mm	1,331	1,331 f/	100	236 a/	18
Carriage, 155mm Howitzer	1,436	1,436	100	172 a/	12
Carriage, 155mm Gun	654	62	9	62 a/	9
<u>Small Arms</u>					
Rifle, Cal.30, M1, semiauto.	453,260	453,260	100	66,404 b/	15
Machine gun, Cal.30, (Var.)	18,546	18,546	100	e/	0
Machine gun, Cal.50, (H.B.)	4,201	4,201	100	975 b/	23
Gun, 37mm, antitank	4,646	4,646	100	311 b/	7
Mortar, 60mm	10,162	10,162	100	568 b/	6
Mortar, 81mm	3,419	3,419	100	299 b/	9
<u>Aircraft Armament</u>					
Machine gun, Cal.30,fix.& fl.	28,458	28,458	100	3,633	13
Machine gun, Cal.50,fix.& fl.	80,283	80,283	100	2,483	3
Gun, 20mm, automatic A.C.	2,489	1,202	48	0	0
Gun, 37mm, automatic A.C.	1,068	1,068 f/	100	0	0

a/ Deliveries through December 8.
b/ Deliveries through November 15.
c/ Deliveries through November 23.
d/ Deliveries through November 30.

e/ Machine guns for combat vehicles &
small arms combined.
f/ Status of telescopes indefinite.

TABULAR SUMMARY-ORDNANCE-AMMUNITION PROCUREMENT-OCTOBER 31, 1940

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

Item	Procurement Program	Under Contract (Delivered & Undelivered)		Deliveries Through October 31	
		Number	% of Program	Number	% of Program
	(THOUSANDS)	(THOUSANDS)		(THOUSANDS)	
<u>Antiaircraft</u>					
Shell, 3" H.E.	1,923	338	18	0	0
Shell, 37mm	4,482	2,916	65	0	0
Shell, 90mm	2,761	1,113	40	0	0
<u>Artillery</u>					
Shell, H.E., 75mm how.	4,037	268	7	118	3
Shell, smoke, 75mm how.	474	39	8	0	0
Shell, A.P., 75mm, t & at	529	0	0	0	0
Shell, H.E., s c, 75mm gun	1,181	1,181	100	0	0
Shell, gas, 75mm gun	763	763	100	0	0
Shell, H.E., 105mm how.	6,711	708	11	0	0
Shell, smoke, 105mm how.	735	98	11	0	0
Charge, prop. 155mm gun	446	202	45	16	4
Charge, prop. 155mm how.	2,446	504	21	53	2
Shell, H.E. 155mm gun	401	214	53	0	0
<u>Small Arms & Misc.</u>					
Cartridge, Cal.30	1,440,957	951,337	66	84,236	6
Cartridge, Cal.45	189,171	189,171	100	8,452	4
Cartridge, Cal.50	668,659	588,568	88	14,813	2
Link belt, Cal.30	358,932	358,932	100	39,458	11
Link belt, Cal.50	624,856	624,856	100	12,454	2
Shell, 37mm t & at	5,656	1,190	21	7	-
Shell, 60mm mortar, H.E.	5,506	2,346	43	0	0
Shell, 81mm, H.E.	2,796	381	14	6	-
Shell, smoke, 81mm	353	70	20	0	0
Mine, antitank	2,050	2,050	100	0	0
<u>Aircraft</u>					
Bomb, demo., 1000 lbs	11	11	100	0	0
Bomb, demo., 500 lbs	151	41	27	1	-
Bomb, demo., 300 lbs	151	84	56	2	1
Bomb, demo., 100 lbs	367	167	46	5	1
Bomb, practice, 100 lbs	3,152	80	3	88	3
Bomb, smoke, large	124	0	0	0	0
Bomb, smoke, small	60	58	97	0	0
Bomb, frag.	1,719	378	22	0	0
Bomb, photoflash	16	16	100	0	0
Flares	256	239	93	13	5
Signal, drift	107	107	100	0	0
Shell, 37mm automatic	1,113	322	29	0	0
Shell, 20mm automatic	2,836	0	0	0	0

TEXT SUMMARY - AIR CORPS - AIRPLANES AND ENGINES - DECEMBER 8, 1940

Source of Information: Consolidated Statistical Report - Air Corps

GENERAL:

There is no change in the status of contract awards for airplanes and engines since the report dated November 30, 1940. Production funds only are considered.

TACTICAL PLANES:

Delivery of 4 Tactical planes was made during the first quarter of December, 1940. While this indicates a probable improvement during December over the low figure of 6 units during the entire month of November, it does not give promise of arresting the general unsatisfactory trend in Tactical deliveries inasmuch as 58 units are scheduled for the month of December.

TRAINER PLANES:

28 Trainers were accepted during the first quarter of December, 1940, and 3 additional units were requisitioned from foreign orders. These deliveries, plus the 81 units accepted ahead of schedule, indicate that all contracts combined will continue either up to date or ahead of schedule throughout the month.

TACTICAL ENGINES:

Deliveries were 325 behind as of November 30, 1940 and only 35 engines were delivered during the first quarter of December to meet the December schedule of 238 engines. No improvement in this situation appears to be in sight to date.

TRAINER ENGINES:

Deliveries continue satisfactory with 76 units accepted during the first quarter of December, 1940. All orders combined should continue even or ahead of schedule as of the end of December, 1940.

TABULAR SUMMARY - AIR CORPS - F.Y. 1941 PROGRAM* - DECEMBER 8, 1940.

Source of Information: Consolidated Statistical Report - Air Corps.

Item	Procurement Program F.Y. 1941	Contracted (Delivered and Undelivered)	Delivered Through Dec. 8	Percent of Program Contracted	Percent of Contracts Delivered	Percent Scheduled Dec. 1**
<u>AIRPLANES</u>						
Heavy Bomber	920	920	0	100.0	0.0	0.0
Medium Bomber	1793	1793	0	100.0	0.0	0.0
Light Bomber	1187(a)	1077	0	90.7	0.0	0.0
Pursuit, Fighter	607	607	0	100.0	0.0	0.0
Pursuit, 1-engine	3665	3293(b)	0(b)	89.8(b)	0.0(b)	0.0(b)
Observation, C&D	957	775	0	81.0	0.0	0.0
Amphibian	74	74	0	100.0	0.0	0.0
Transport	769	769	0	100.0	0.0	0.0
Primary Trainer	2790	2790	38	100.0	1.4	0.0
Basic Trainer	2500	2500	0	100.0	0.0	0.0
Advance Trainer 1-engine	2297	2247(c)	22(c)	97.8(c)	1.0(c)	0.7(c)
Advance Trainer 2-engine	1082	1082	0	100.0	0.0	0.7
<u>ENGINES, INSTALL.</u>						
Heavy Bomber	3680	3680	0	100.0	0.0	0.0
Medium Bomber	3586	3586	0	100.0	0.0	0.0
Light Bomber	2186	2076	0	95.0	0.0	1.8
Pursuit, Fighter	1214	0	0	0.0	0.0	0.0
Pursuit, 1-engine	3665	773(d)	0(d)	21.1(d)	0.0(d)	0.0(d)
Observation, C&D	1732	1550	0	89.5	0.0	0.0
Amphibian	148	148	0	100.0	0.0	0.0
Transport	1538	1536	0	99.9	0.0	0.0
Primary Trainer	2790	1444(e)	217(e)	100.0(e)	15.0(e)	6.6(e)
Basic Trainer	2500	2500	74	100.0	3.0	3.6
Advance Trainer 1-engine	2297	2247(f)	0(f)	97.8(f)	0.0(f)	4.5(f)
Advance Trainer 2-engine	2164	2164	4	100.0	0.2	1.0

* Tabular contract summary on following page includes prior fiscal year procurement for the types listed therein, if incomplete.

** Monthly figures only available.

(a) Exact type of 110 units undetermined.

(b) Not including 60 P-35A requisitioned from foreign order. 45 deliveries to date.

(c) Not including 50 AT-12 requisitioned from foreign order. 42 deliveries to date.

(d) Not including engines for 60 requisitioned P-35A planes.

(e) Not including contractor furnished engines for 1346 PT-19A, PT-21 planes.

(f) Not including engines for 50 requisitioned AT-12 planes.

TABULAR SUMMARY - AIRPLANES AND ENGINES - SCHEDULED AND DELIVERED - AS OF DECEMBER 8, 1940.

Source of Information: Consolidated Statistical Report - Air Corps

CUMULATIVE TABLES

AIRPLANES

ENGINES FOR INSTALLATION (a)

	1045		2216		1230(b)	
	Hvy Bomber		Med. Bomber		Lgt Bomber	
	4-Engines	2-Engines	2-Engines	2-Engines	2-Engines	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	2	2	39	26	3	0
Aug.	3	10	39	34	7	0
Sep.	5	17	41	38	13	0
Oct.	7	32	47	38	17	0
Nov.	15	38	59	38	18	0
Dec.	27	38(d)	79	38(d)	22	2(d)
Jan. 1941	45		108		39	
Feb.	71		147		70	
Mar.	98		202		111	
Apr.	122		262		158	
May	143		322		209	
June	180		386		266	

	4184*		4356*		2442*(b)	
	Hvy Bomber		Med. Bomber		Lgt Bomber	
	4-Engines	2-Engines	2-Engines	2-Engines	2-Engines	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	32	64	18	3	183	165
Aug.	60	72	42	3	223	192
Sep.	100	100	74	3	250	237
Oct.	136	199	120	6	250	249
Nov.	188	237	176	12	307	251
Dec.	252	269(d)	238	13(d)	377	251(d)
Jan. 1941	350		318		447	
Feb.	448		402		571	
Mar.	532		486		723	
Apr.	604		566		903	
May	624		572		1103	
June	639		614		1303	

	696		4003		1123(c)	
	Pur. Fightr		Pursuit		Observation	
	2-Engines	1-Engine	1-Engine	2-Engines	2-Engines	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	11	7	111	66	3	0
Aug.	16	7	161	123	4	0
Sep.	18	8	214	176	4	1
Oct.	21	10	228	204	8	1
Nov.	23	10	234	204	14	1
Dec.	26	10(d)	243	206(d)	24	1(d)
Jan. 1941	46		298		41	
Feb.	67		395		66	
Mar.	89		512		97	
Apr.	89		686		144	
May	89		880		191	
June	129		1088		270	

	180		1483*		1895(c)	
	Pur. Fightr		Pursuit		Observation	
	2-Engines	1-Engine	1-Engine	2-Engines	2-Engines	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	22	26	77	125	79	80
Aug.	22	26	158	197	94	102
Sep.	78	28	240	216	110	165
Oct.	128	28	248	218	124	184
Nov.	178	29	259	223	149	192
Dec.	180	29(d)	278	225(d)	170	192(d)
Jan. 1941			301		215	
Feb.			344		260	
Mar.			391		305	
Apr.			446		345	
May			501		345	
June			546		345	

	3540		3051		1082	
	Prim. Trn.		Basic Trn.		Adv. Trn.	
	1-Engine	2-Engines	1-Engine	2-Engines	1-Engine	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	282	216	163	241	-	-
Aug.	385	325	224	296	-	-
Sep.	445	456	293	350	-	-
Oct.	528	592	362	391	2	0
Nov.	611	673	431	458	8	0
Dec.	645	682(d)	570	470(d)	18	0(d)
Jan. 1941	842		681		34	
Feb.	1073		761		56	
Mar.	1244		831		99	
Apr.	1465		901		184	
May	1645		976		304	
June	1865		1051		442	

	1924		3051*		2164*	
	Prim. Trn.		Basic Trn.		Adv. Trn.	
	1-Engine	2-Engines	1-Engine	2-Engines	1-Engine	2-Engines
	Sch.	Del.	Sch.	Del.	Sch.	Del.
July 1940	277	343	362	369	-	-
Aug.	327	351	431	453	-	-
Sep.	380	442	519	512	-	-
Oct.	465	519	600	568	-	-
Nov.	549	624	641	612	20	0
Dec.	635	683(d)	696	625(d)	65	4(d)
Jan. 1941	695		699		165	
Feb.	755		718		295	
Mar.	880		738		425	
Apr.	1030		758		555	
May	1180		778		699	
June	1330		798		869	

* Complete schedule not available.

(a) Final monthly delivery figure subject to revision by classification of excess engines as spares.

(b) 78 Navy Dive Bombers (1-Engine)

(c) 348 Observation (1-Engine)

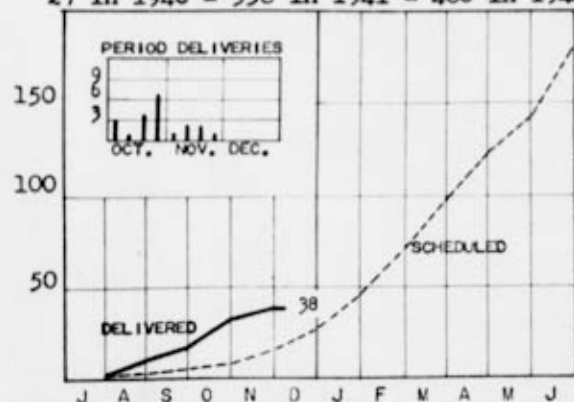
(d) Cumulative through Dec. 8, 1940.

Air Corps

AIRPLANES

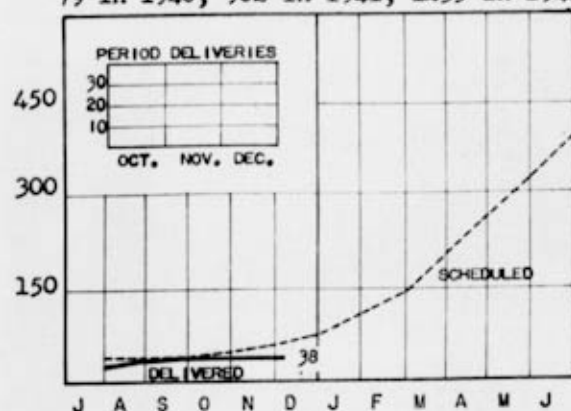
1045 HEAVY BOMBERS

27 in 1940 - 558 in 1941 - 460 in 1942



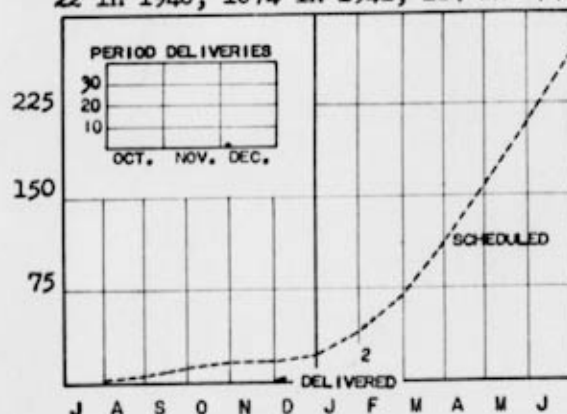
2216 MEDIUM BOMBERS

79 in 1940; 902 in 1941; 1235 in 1942



1280 LIGHT BOMBERS

22 in 1940; 1074 in 1941; 184 in 1942

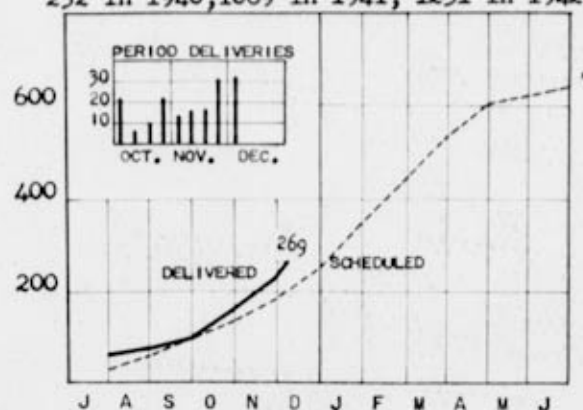


*COMPLETE SCHEDULE NOT AVAILABLE

ENGINES

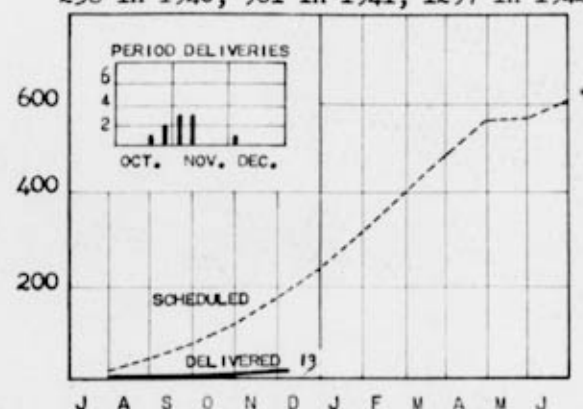
4184 HEAVY BOMBERS

252 in 1940; 1069 in 1941; 1231 in 1942



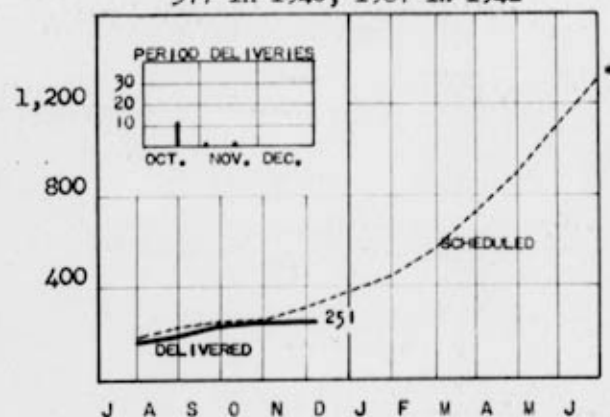
4356 MEDIUM BOMBERS

238 in 1940; 961 in 1941; 1297 in 1942



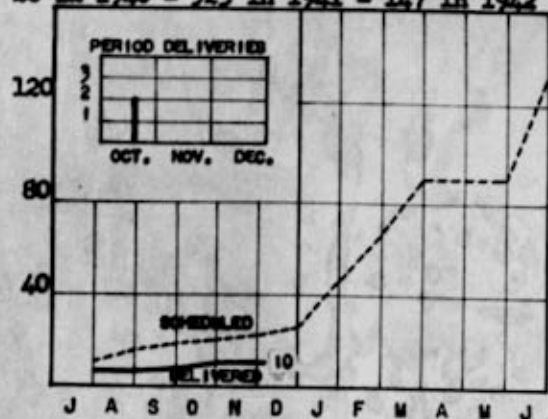
2442 LIGHT BOMBERS

377 in 1940; 1987 in 1941

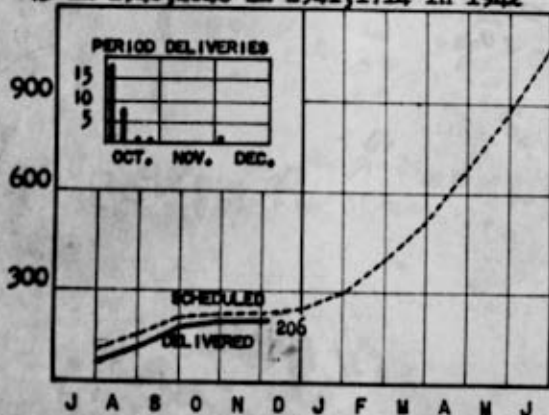


AIRPLANES

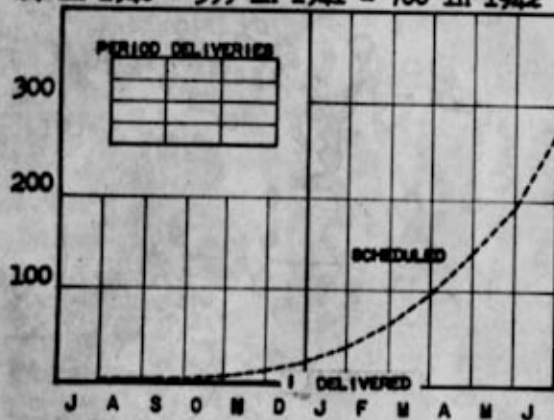
696 PURSUIT, FIGHTER
26 in 1940 - 523 in 1941 - 147 in 1942



4003 PURSUIT, 1-ENGINE
243 in 1940; 2046 in 1941; 1714 in 1942



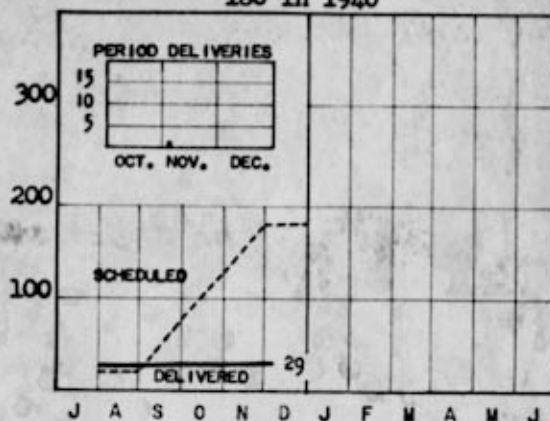
1123 OBSERVATION
24 in 1940 - 399 in 1941 - 700 in 1942



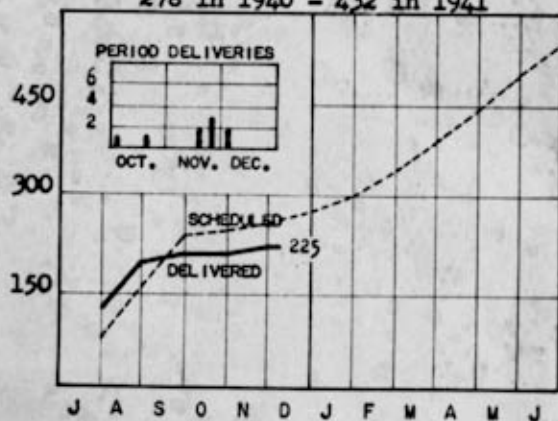
*COMPLETE SCHEDULE NOT AVAILABLE

ENGINES

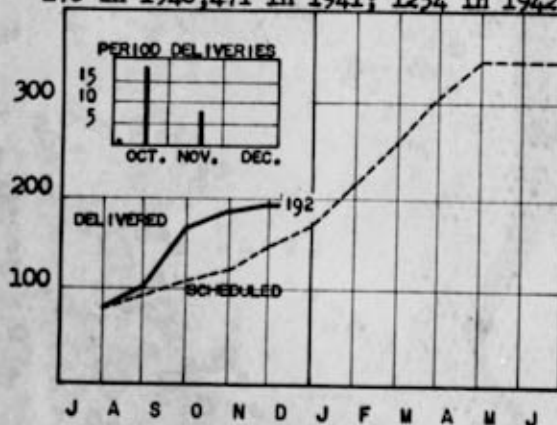
180 PURSUIT FIGHTER
180 in 1940



1483 PURSUIT, 1-ENGINE
278 in 1940 - 432 in 1941



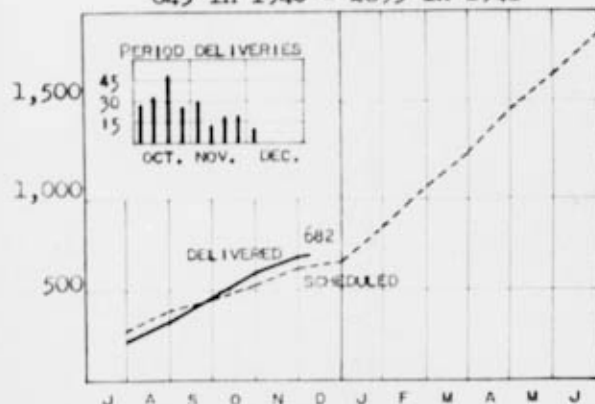
1895 OBSERVATION
170 in 1940; 471 in 1941; 1254 in 1942



STATISTICS BRANCH
OASW - WAR DEPARTMENT

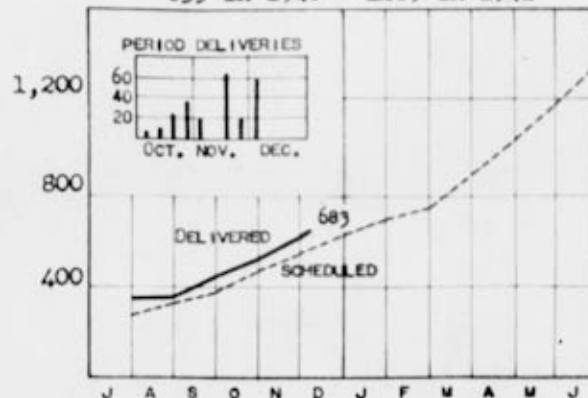
AIRPLANES

3540 PRIMARY TRAINER
645 in 1940 - 2895 in 1941



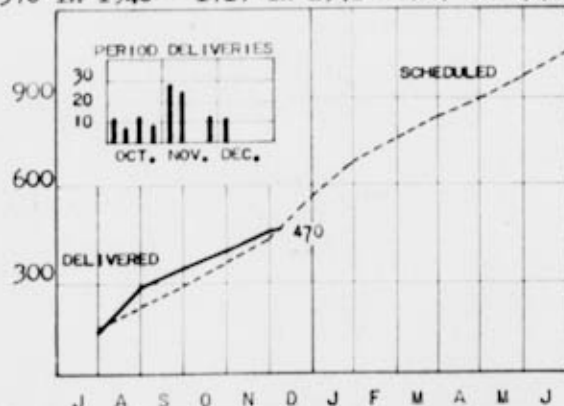
ENGINES

1924 PRIMARY TRAINER
635 in 1940 - 1289 in 1941



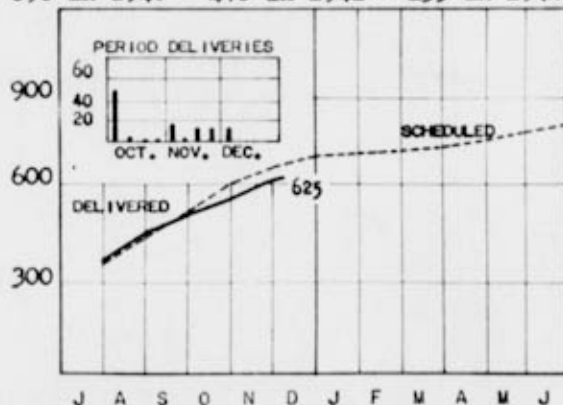
3051 BASIC TRAINER

570 in 1940 - 1717 in 1941 - 764 in 1942

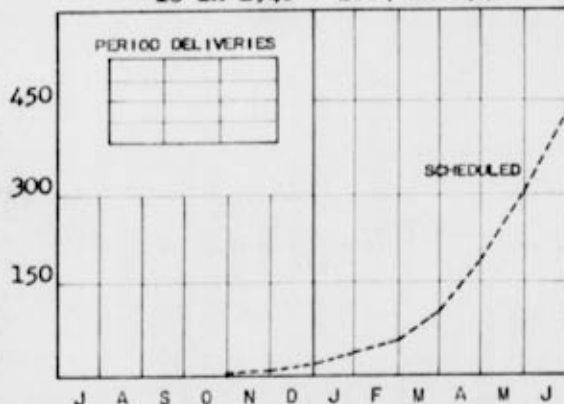


3051 BASIC TRAINER

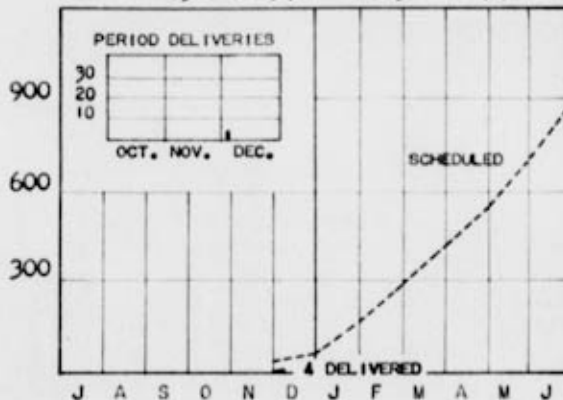
696 in 1940 - 470 in 1941 - 135 in 1942



1082 ADVANCE TRAINER, 2-ENGINE
18 in 1940 - 1064 in 1941



2164 ADVANCE TRAINER - 2 ENGINE
65 in 1940 - 1665 in 1941

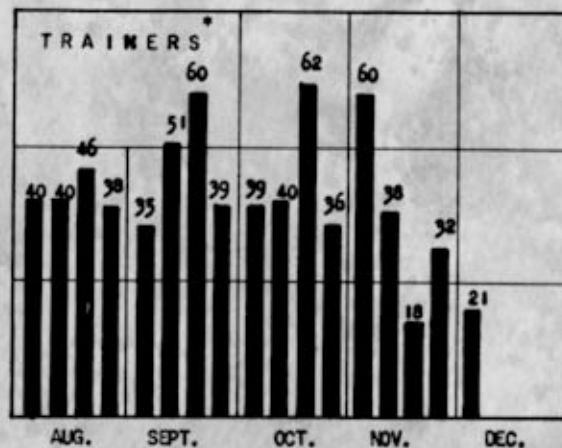
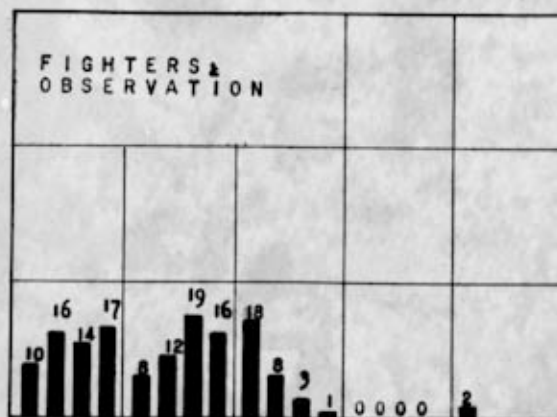


* COMPLETE SCHEDULE NOT AVAILABLE

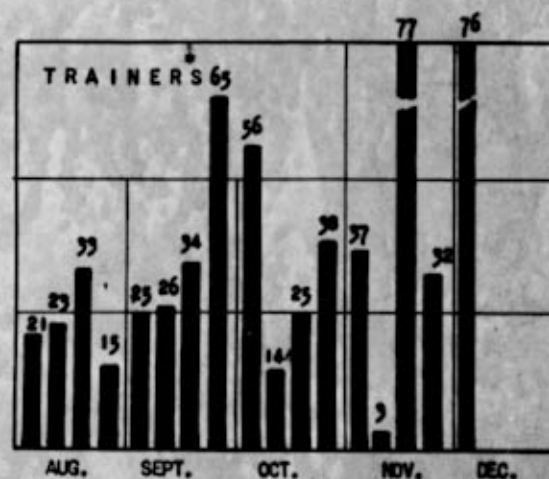
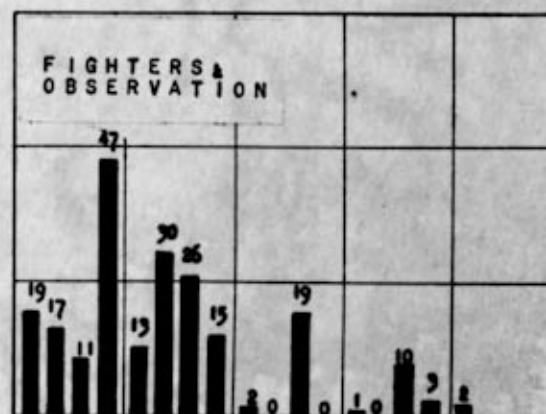
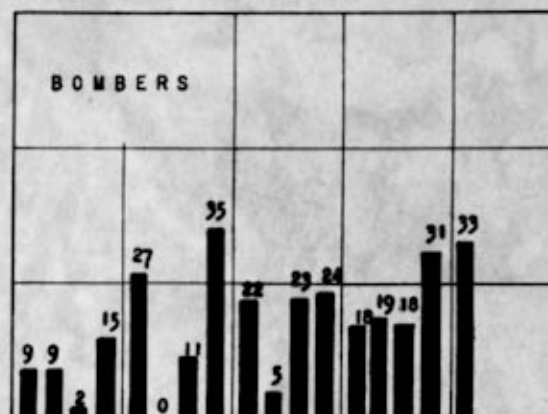
QUARTER MONTHLY PRODUCTION OF AIRPLANES AND ENGINES FOR INSTALLATION

Source of Information: Consolidated Statistical Report - Air Corps

AIRPLANES



ENGINES



*ADVANCE, 1 ENGINE NOT INCLUDED.

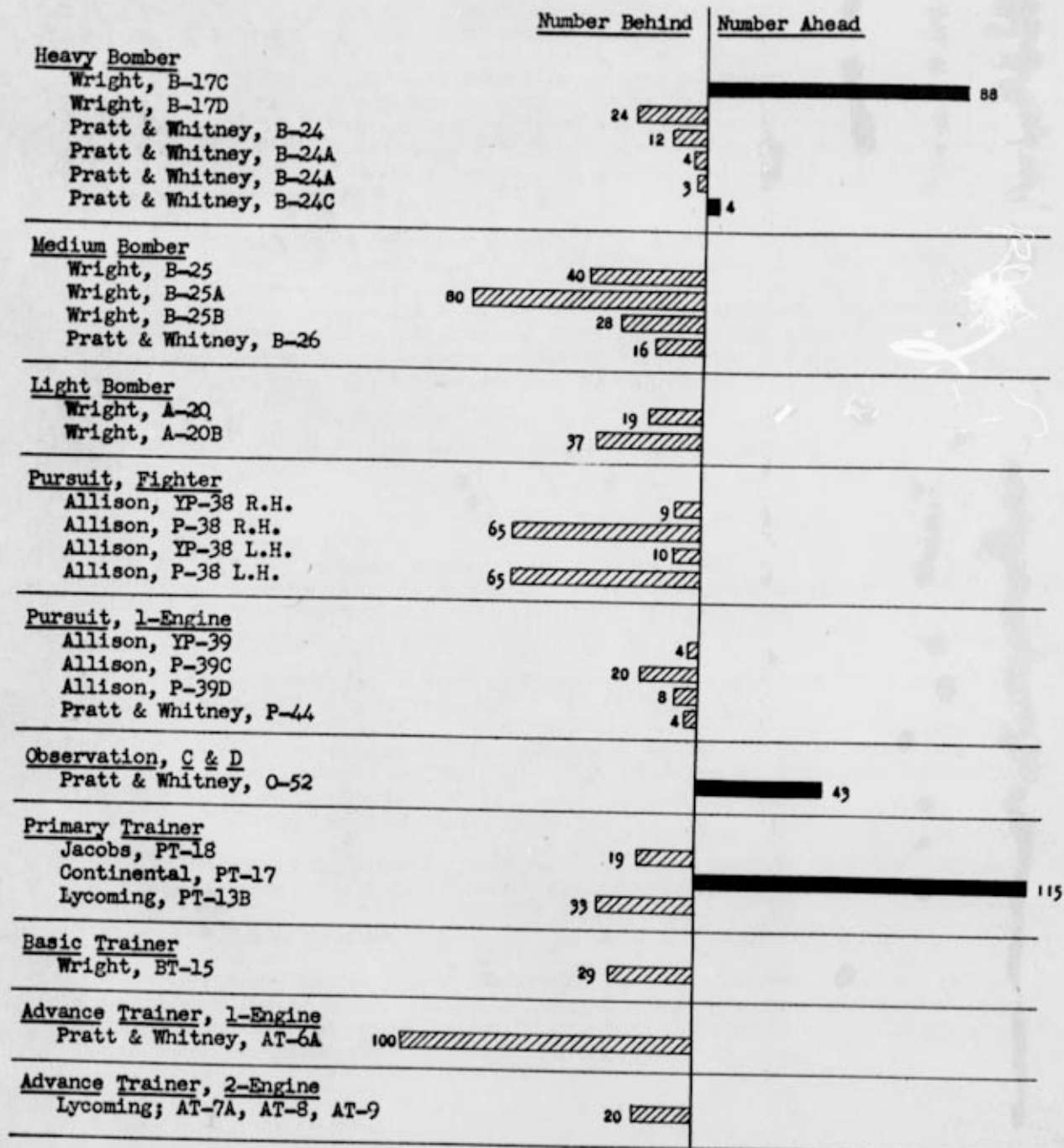
AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - Nov. 30, 1940

Source of Information: Consolidated Statistical Report, Air Corps

	<u>Number Behind</u>	<u>Number Ahead</u>
<u>Heavy Bomber</u>		
Boeing, B-17 C		30
Consolidated, B-24	3	
Consolidated, B-24A	4	
<u>Medium Bomber</u>		
North American, B-25	20	
Martin, B-26	1	
<u>Light Bomber</u>		
Douglas, A-20	1	
Douglas, A-20A	17	
<u>Pursuit, Fighter</u>		
Bell, YMF-1A	1	
Lockheed, YP-38	12	
<u>Pursuit, 1-Engine</u>		
Bell, YP-39	10	
Republic, YP-43	12	
Republic, P-44	2	
Bell, P-39C	6	
<u>Observation, C & D</u>		
Stinson, O-49	9	
Bellanca, YO-50	3	
Curtiss, YO-52	1	
<u>Primary Trainer</u>		
Stearman; PT-13B, PT-17, PT-18		128
Fairchild, PT-19	51	
Ryan, PT-21	15	
<u>Basic Trainer</u>		
Vultee, BT-13	3	
<u>Advance Trainer, 2-Engine</u>		
Beech, AT-7	3	
Beech, AT-7A	1	
Cessna, AT-8	3	
Curtiss, AT-9	1	

AIRPLANE ENGINES - AHEAD AND BEHIND CONTRACT SCHEDULE - Nov. 30, 1940

Source of Information: Consolidated Statistical Report - Air Corps



TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - NOV. 30, 1940
Source of Information: Statistics Branch, OQMG

The Quartermaster procurement program shows generally satisfactory progress. Procurement of certain critical items, however, appears slightly less favorable than that of clothing items listed in the accompanying tabular summary. No gains are noted during the past week in contracted amounts for critical items, although a two percent average increase is indicated in their delivery status.

Critical items for which no contracted amounts are indicated have been deferred by the General Staff. Information recently furnished by the Office of the Quartermaster General advises that, "Due to the fact it has been necessary to provide large stocks for the National Guard, and that prices have increased considerably beyond those set up in the original estimates, some procurements are being deferred. It is also probable that quantities on outstanding directives may have to be reduced to stay within available funds."

The following items show increases in quantities under contract during the past week:-

Bed	Overcoat, wool
Breeches, wool	Raincoat
Coat, working, denim	Socks, wool
Drawers, cotton, shorts	Trousers, working, denim
Drawers, woolen	Undershirts, wool
Headgear	

All listed items, excluding those deferred, reflect delivery increases for the past week with the exception of the following:-

Bag, canvas, water, sterilizing	Saddle, Phillips, pack, cargo
Belt, suspenders, M36	Saddle, Phillips, pack, cavalry
Breeches, cotton, khaki	Tent, storage
Cloth, wool, 18 oz.	

Deliveries in general appear to be behind schedule. Only the following items, however, are behind November 1st schedules:-

Coat, mackinaw	Range, field
----------------	--------------

Delivery figures appear relatively low. Procurements, however, include a maintenance factor based upon going into F.Y. 1942 with four months maintenance on hand, and have been set up generally on a basis of approximately fifty percent distribution for sized and ten percent for non-sized articles.

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 30, 1940

Source of Information: Statistics Branch, OQMG

Item	Procurement program	Contracted (Delivered & undelivered)	Delivered through Nov.30	Percent con- tracted	Percent delivered
<u>Critical</u>					
Cloth,overcoating,32 oz.(yds.)	7,371,400	5,882,177	4,705,491	80	64
Cloth,wool,18 oz. (yds.)	27,010,442	17,677,859	6,642,624	65	25
Carrier, wire cutter	61,000	35,000	14,550	57	24
Stove, tent	294,379	126,000	52,385	43	18
Bag,canvas,water,sterilizing	26,530	21,500	3,343	81	13
Scabbard for SubMG, cal. 45	3,155	3,155	301	100	10
Leggings,canvas,dismounted	5,021,981	1,548,340	524,581	31	10
Range, field, M1937	11,438	3,000	1,028	26	9
Tent, pyramidal	233,953	74,500	17,683	32	8
Saddle,Phillips,pack,cargo	2,348	1,850	0	79	0
Belt,suspenders, M36	105,257	70,257	0	67	0
Saddle,Phillips,pack,cavalry	5,828	2,125	0	36	0
Tent,storage	3,529	400	1	11	0
Belt,cartr.,cal. 30M1, dismted.	779,161	0	0	0	0
Belt,cartr.,cal. 30M1, mounted	128,595	0	0	0	0
Cutter, wire, M1938	56,400	0	0	0	0
Leggings, canvas, mounted	1,067,849	0	0	0	0
Outfit,cooking, cavalry	1,022	0	0	0	0
<u>Clothing</u>					
Drawers, woolen	5,098,046	3,297,700	990,843	65	19
Overcoat, wool	1,307,966	1,307,008	234,978	99	18
Gloves, woolen, o.d.	2,008,934	1,792,290	360,169	89	18
Gloves,heavy,leather	2,217,500	778,006	371,203	35	17
Undershirt, wool	5,676,126	3,664,297	889,152	65	16
Headgear	8,032,807	4,298,323	1,267,699	53	16
Shirt, wool	6,675,254	2,356,084	873,243	35	13
Raincoat	2,152,495	1,784,700	269,013	83	12
Socks, wool	28,250,821	7,409,969	3,516,711	26	12
Shoes, service	8,227,718	4,207,521	810,052	51	10
Belt, web, waist	2,975,488	1,410,400	288,000	47	10
Coat, working, denim	4,341,124	2,898,451	396,140	67	9
Trousers, wool	7,544,603	2,353,558	702,929	31	9
Trousers, working, denim	5,076,129	2,832,599	381,622	56	8
Breeches, wool	554,428	552,691	39,092	99	7
Coat, mackinaw	960,855	206,535	55,570	21	6
Coat, woolen, serge	4,190,324	1,309,309	189,411	31	5
Overshoes, arctic	1,200,708	1,167,580	25,836	97	2

TABULAR SUMMARY - QUARTERMASTER CORPS - CRITICAL AND SELECTED ITEMS - NOV. 30, 1940
Source of Information: Statistics Branch, OQMG

Item	Procurement Program	Contracted (Delivered & undelivered)	Delivered through Nov.30	Percent contracted	Percent delivered
<u>Selected-Clothing (summer)</u>					
Trousers, cotton, khaki	1,291,720	1,299,500	494,250	100	38
Drawers, cotton, shorts	20,613,230	5,175,286	4,125,904	25	20
Socks, cotton	19,102,781	14,035,600	3,318,029	73	17
Undershirt, summer	22,447,359	4,204,932	2,964,986	19	13
Shirt, cotton, khaki	7,266,771	994,000	336,481	14	5
Breeches, cotton, khaki	229,729	227,000	0	99	0
<u>Selected-Equipment</u>					
Bed*	1,933,702	1,606,303	811,888	83	42
Bag, barrack	2,931,110	2,920,534	878,631	99	30
Mattress, cotton	1,541,285	1,379,500	350,060	90	23
Blanket, wool	5,744,958	4,346,560	1,081,265	76	19

*Includes Bedstead, single; cot, steel, folding; cot, canvas, folding, M38.

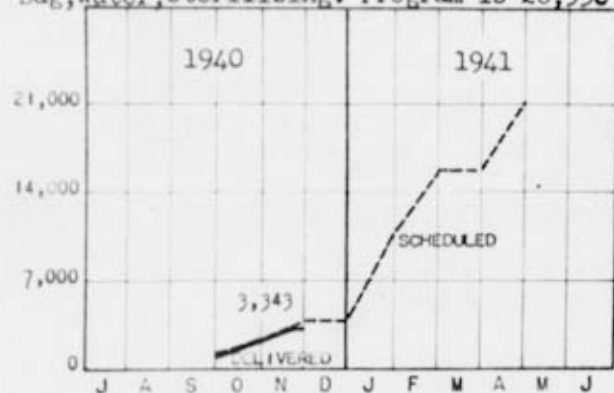
Comparative Progress Summary By Group

Group	Average percent contracted		Average percent delivered	
	Last week	This week	Last week	This week
<u>Critical</u>	54.1	54.5	12.2	14.0
<u>Selected-Clothing</u>	55.5	58.3	9.6	11.5
<u>Selected-Clothing (summer)</u>	55.0	55.0	14.0	15.5
<u>Selected-Equipment</u>	87.3	87.3	23.8	28.5
<u>All listed items</u>	58.1	59.4	12.4	14.5

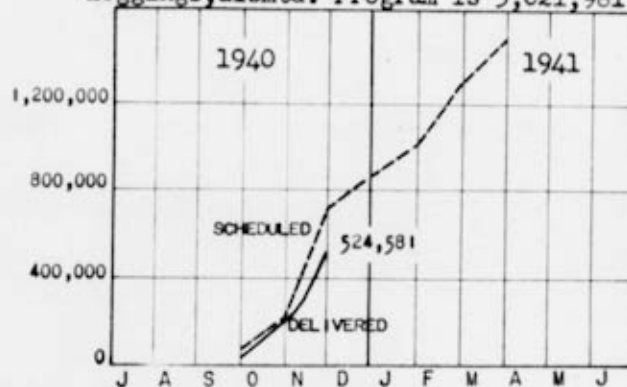
QUARTERMASTER CORPS - PROCUREMENT OF CRITICAL ITEMS - Nov. 30, 1940

Source of Information: Statistics Branch, OQMG

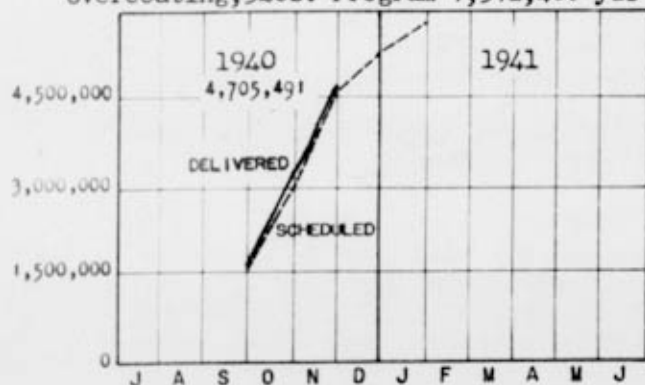
Bag, water, sterilizing. Program is 26,530



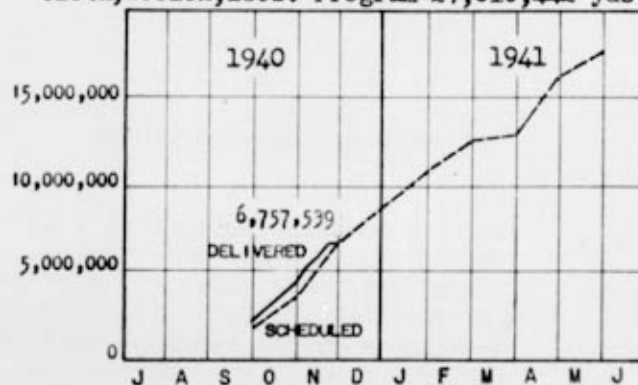
Leggings, dismt'd. Program is 5,021,981



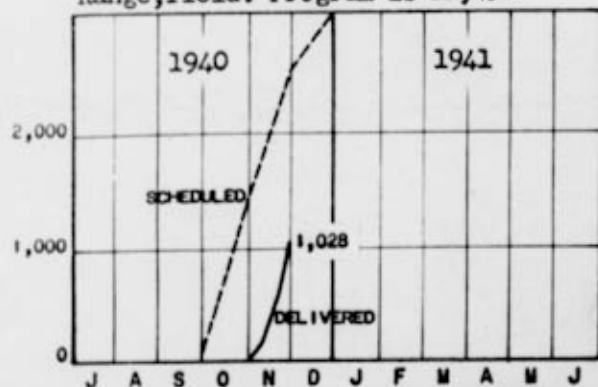
Overcoating, 32oz. Program-7,371,400 yds



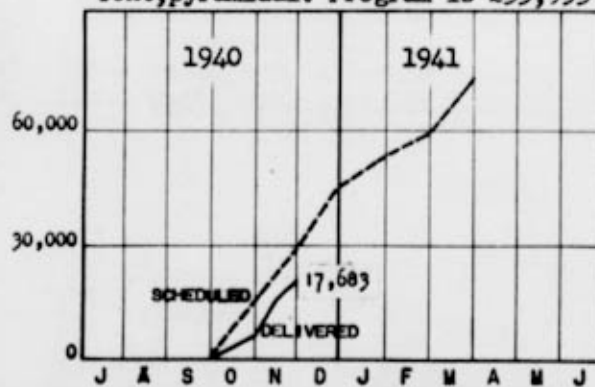
Cloth, woolen, 18oz. Program-27,010,442 yds



Range, field. Program is 11,438



Tent, pyramidal. Program is 233,953



TEXT SUMMARY - PROCUREMENT OF SIGNAL CORPS ITEMS - NOV. 30, 1940

Source of Information: Supply Division, OCSigO

General - The awarding of contracts for the procurement of Signal equipment continues to make satisfactory progress. Several important contracts were let during the past week and additional contracts are under negotiation. The highly technical nature of this equipment and the degree of precision required in its manufacture is, in part, responsible for the appreciable time lag between awards and deliveries under the contracts.

New Contracts - Important new contracts include:-

- 50 - Radio set, ground, SCR-177
- 75 - Radio set, ground, SCR-193
- 700 - Radio set, ground, SCR-194
- 500 - Radio set, ground, SCR-195
- 20 - Radio set, ground, SCR-203
- 2,854 - Reel unit RL-26-A
- 117 - Theodolite ML-47
- 181 - Frequency meter set, SCR-211
- 7,000 - Head and chest set HS-19
- 4 - Spotting set PH-32
- 122 - Test set EE-65-A

The letting of these contracts completes the procurement program for all of the above critical items.

Deliveries - F.Y. 1940 contract deliveries continue in good volume. The contracts for 150 radio sets, ground SCR-171 and for 66 SCR-131 have been completed. Contract for 110 radio sets, ground SCR-188A was completed (less 23 rectifier units RA-34). Delivery time of 45 radio sets, ground SCR-197-C will be extended due to modifications necessary in trucks required. Deliveries on F.Y. 1941 critical item contracts include:-

- | | |
|------------------------------|-----------------------------------|
| 560 - Chest, BC-5 | 120 - Filter Equipment RC-32 |
| 150 - Chest, CH-43 | 67 - Marker Beacon Receiving |
| 44 - Reel unit RL-26-A | Equipment RC-43 |
| 1,875 - (miles) Wire W-110-B | 325 - Radio set, aircraft SCR-183 |
| | 315 - Radio set, aircraft SCR-283 |

TABULAR SUMMARY - SIGNAL CORPS - CRITICAL AND SELECTED ITEMS - NOV. 30, 1940
Source of Information: Statistics Branch, OCSigO, Supply Division

Item	Procurement program F.Y. 1940	Contracted (Delivered & undelivered)	Delivered through Nov.30	Percent		
				con- tracted	due	de- livered
<u>Ground-Equipment</u>						
Frequency meter set SCR-211	1,878	1,878	1,553	100	100	83
Wire W-110-B (miles)	30,730	30,730	23,230	100	57	76
Radio set	1,833	1,833	1,336	100	72	73
Telephone set EE-8	44,124	44,124	28,645	100	65	65
Reel unit RL-26-A	1,213	1,213	352	100	30	29
Spotting set PH-32 (1939)	21	21	0	100	0	0
Telephone central office set TC-2	12	12	0	100	0	0
<u>Aircraft-Equipment</u>						
Radio compass	923	923	923	100	100	100
Radio set	3,226	3,226	3,069	100	89	95
<u>Radio sets, ground - warranting special attention</u>						
Radio set SCR-188	110	110	87	100	42	80
Radio set SCR-245	511	511	400	100	60	78
Radio set SCR-193	58	58	45	100	69	78
Radio set SCR-177	106	106	70	100	74	66
Radio set SCR-197	68	68	0	100	25	0
Radio set SCR-206	21	21	0	100	100	0

TABULAR SUMMARY - SIGNAL CORPS - CRITICAL AND SELECTED ITEMS - NOV. 30, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

Item	Procurement program F.Y. 1941	Contracted (Delivered & undelivered)	Delivered through Nov. 30	Percent		
				con- tracted	due	de- livered
<u>Ground-Equipment</u>						
Wire W-110-B (miles)	105,180	101,144	1,875	96	6	2
Reel unit RL-26-A	4,354	4,354	44	100	0	1
Converter M-134	327	327	0	100	0	0
Frequency meter set SCR-211	3,874	3,874	0	100	0	0
Spotting set PH-32	72	72	0	100	0	0
Switchboard BD-71	3,269	3,269	0	100	0	0
Switchboard BD-72	2,268	2,268	0	100	0	0
Telephone EE-8	56,678	56,678	0	100	0	0
Radio set	22,185	20,608	35	93	6	0
Charging set SCR-169	1,395	730	0	52	0	0
Interphone equipment(vehicular)	3,461	1,610	0	47	0	0
Flash ranging set GR-4	29	8	0	28	0	0
Telephone central office set TC-2	62	12	0	19	0	0
Sound ranging set GR-3-C	35	0	0	0	0	0
<u>Aircraft-Equipment</u>						
Radio set	21,354	21,354	640	100	3	3
Filter equipment RC-32	22,823	22,823	120	100	3	1
Marker beacon receiving equipment	4,951	4,951	67	100	7	1
Radio compass	4,459	4,459	0	100	0	0
Frequency meter set SCR-211	1,707	1,707	0	100	0	0
Interphone equipment	13,479	13,479	0	100	0	0
Microphone amplifier RC-19	3,000	3,000	0	100	3	0
Microphone T-20	4,500	4,500	0	100	3	0
<u>Radio sets, ground - warranting special attention</u>						
Radio set SCR-177	1,010	1,010	0	100	0	0
Radio set SCR-188	542	542	0	100	0	0
Radio set SCR-193	2,419	2,419	0	100	0	0
Radio set SCR-268	418	418	0	100	0	0
Radio set SCR-270	103	103	0	100	0	0
Radio set SCR-271	29	29	0	100	0	0
Radio set SCR-197	255	253	0	99	0	0
Radio set SCR-245	3,074	2,949	0	96	0	0
Radio set SCR-206	200	50	0	25	0	0
Radio set SCR-288	1,300	0	0	0	0	0

TABULAR SUMMARY - SIGNAL CORPS - CRITICAL AND SELECTED ITEMS - NOV. 30, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

Item	Procurement program F.Y. '40 '41	Contracted (Delivered & undelivered)	Delivered through Nov.30	Percent		
				con- tracted	due	de- livered
<u>Ground-Equipment</u>						
Telephone EE-8	100,802	100,802	28,645	100	28	28
Frequency meter set SCR-211	7,459	7,459	1,553	100	25	21
Wire W-110-B (miles)	135,910	131,874	25,105	97	17	19
Reel unit RL-26-A	5,567	5,567	396	100	6	7
Radio set	24,018	22,441	1,371	93	11	6
<u>Aircraft-Equipment</u>						
Converter M-134	327	327	0	100	0	0
Spotting set PH-32	93	93	0	100	0	0
Switchboard BD-71	3,269	3,269	0	100	0	0
Switchboard BD-72	2,268	2,268	0	100	0	0
Charging set SCR-169	1,395	730	0	52	0	0
Interphone equip., vehicular	3,461	1,610	0	47	0	0
Telephone central office set TC-2	74	24	0	32	0	0
Flash ranging set, GR-4	29	8	0	28	0	0
Sound ranging set, GR-3-C	35	0	0	0	0	0
<u>Radio sets, ground - warranting special attention</u>						
Radio set SCR-188	652	652	87	100	7	13
Radio set SCR-245	3,585	3,460	400	97	9	11
Radio set SCR-177	1,116	1,116	70	100	7	6
Radio set SCR-193	2,477	2,477	45	100	2	2
Radio set SCR-268	418	418	0	100	0	0
Radio set SCR-270	103	103	0	100	0	0
Radio set SCR-271	29	29	0	100	0	0
Radio set SCR-197	323	321	0	99	5	0
Radio set SCR-206	221	71	0	32	10	0
Radio set SCR-288	1,300	0	0	0	0	0

TABULAR SUMMARY - SELECTED SIGNAL CORPS MATERIEL - NOV. 30, 1940

Source of Information: OCSigO, Supply Division

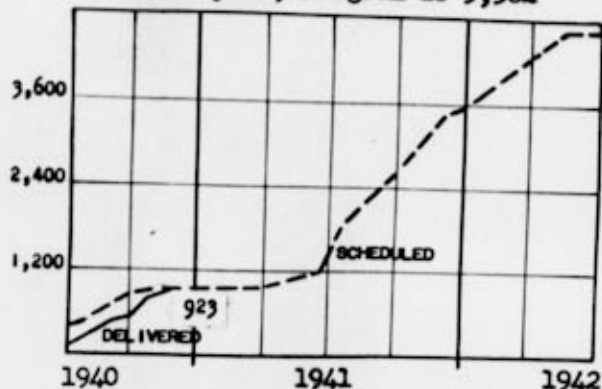
Item	Requirements 2000 M men	Stocks - troops & depots	Percent of requirements
Switchboard BD-71	6,399	3,293	51
Telephone, EE-8	96,786	39,708	41
Switchboard BD-72	5,200	1,966	38
Wire W-110-B (miles)	154,185	56,039	36
Frequency meter set SCR-211	7,009*	1,879	27
Reel unit RL-26-A	5,556	1,385	25
Radio sets, ground	24,518	4,969	20
Flash ranging set, GR-4	31	2	6
Sound ranging set, GR-3-C	37	2	5
Charging set SCR-169	1,144	16	1
Converter M-134	185	0	0
Telephone central office set TC-2	60	0	0

* Includes requirements for airplane program.

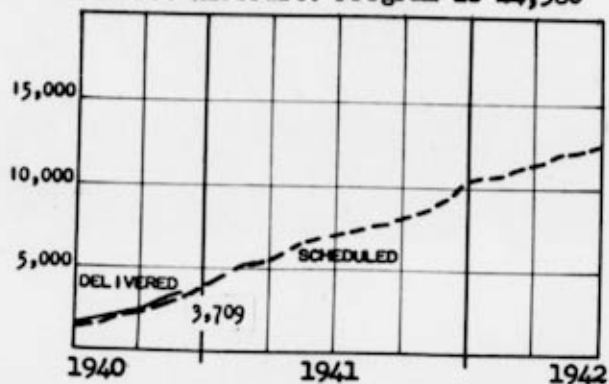
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - STATUS AS OF NOVEMBER 30, 1940

Source of Information: Statistics Branch, OCSigO, Supply Division

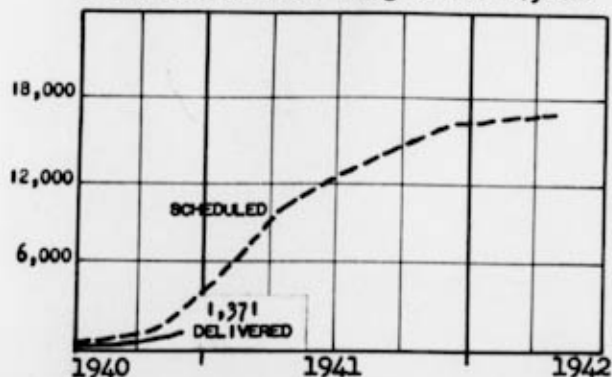
Radio Compass, Program is 5,382



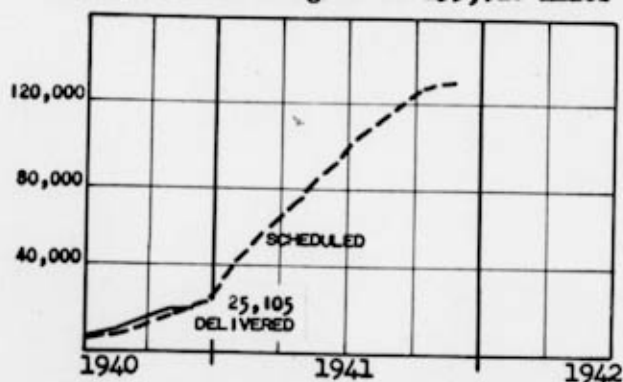
Radio Set-Aircraft. Program is 24,580



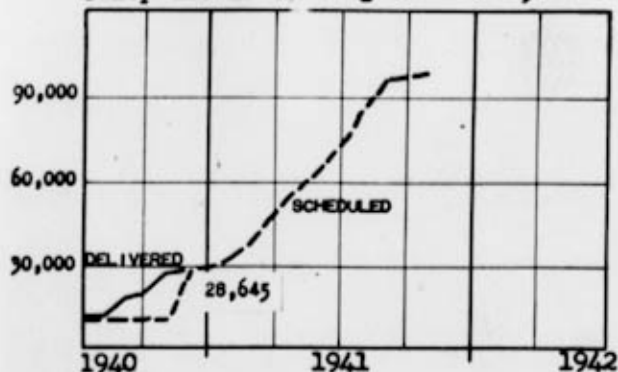
Radio Set-Ground. Program is 24,018



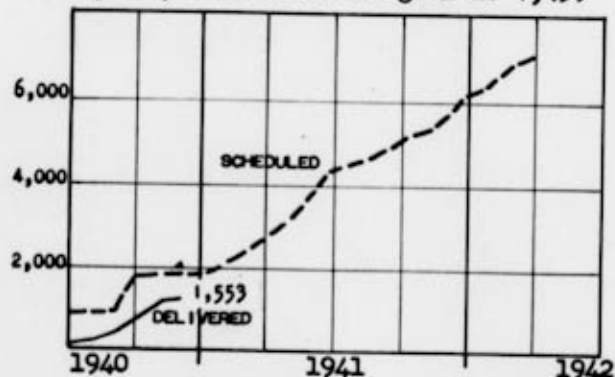
Wire-W-110-B. Program is 135,910 Miles



Telephone-EE-8. Program is 100,802



Frequency Meter Set. Program is 7,459



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH DEC. 7, 1940.

Source of Information: Office of the Chief of Engineers.

GENERAL -- ENGINEER ITEMS MAKE GOOD SHOWING

Of the 29 Engineer items being followed by this office 9 are ahead of schedule, 15 are on schedule and only 5 are behind. This is a very good picture because there are only 2 items which are seriously behind, the 60 inch searchlights and the metal mirrors for the searchlights.

ANGLEDZER, FOR MEDIUM TRACTOR -- CONTRACTED 100 PERCENT

A new contract for 258 units has brought the number of angledzers under contract to 616 which is 100 percent of the program. Deliveries are ahead of schedule.

SEARCHLIGHT, 18" BEACH DEFENSE -- NEW CONTRACT

This item has heretofore been described as "procurement deferred", but a new contract for 105 units has placed it in the "Controlled Critical Item" class. Deliveries are scheduled for January and February, 1941.

SEARCHLIGHT, 60" AA -- NEW SCHEDULE

In previous weeks deliveries of this item were falling behind schedule so a new schedule has been worked out extending the final delivery date from November to December, 1941. Present deliveries are 224 against a new schedule of 253 units for December 7th. This arrearage of 29 is 11 percent of the schedule.

FOOTBRIDGE, M-1938 -- NEW SCHEDULE

Footbridges have been behind schedule for a month because of a minor change in design. A new schedule has been arranged with one contractor for a current order for 43 units. No difficulty is expected because the latest word is that these 43 units will be delivered in a few days - ahead of both the old and the new schedules.

MIRROR, FOR 60" AA SEARCHLIGHT -- FALLING FURTHER BEHIND

During the week 24 were delivered while 30 were scheduled for delivery. The arrearage was thus increased from 25 to 31 mirrors, or from 5 to 6 percent of the schedule of December 7th.

TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH DEC. 7, 1940

Source of Information: Office of The Chief of Engineers

Item	Current Program	Contracts filled & unfilled	Delivered through Dec. 7	Percent contracted	Percent delivered
Map reproduction equip. C.A. Hqs.	4	4	4	100	100
Mixer, concrete	78	78	78	100	100
Welding & Cutting set	131	131	131	100	100
Power earth auger	68	68	48	100	71
Grader, road, motorized	93	93	64	100	69
Boat, assault	3771	3771	2371	100	63
Water purification unit, port.	217	217	111	100	51
Shovel, gas, 3/8 cu. yd.	94	94	34	100	36
Bridge, steel, port., H-10	94	94	34	100	36
Compressor, air, motorized	971	971	330	100	34
Water purification unit, mtd.	55	45	15	82	33
Footbridge, M1938	117	117	31	100	26
Angledozer for med. tractors	616	616	145	100	24
Mirror, searchlight	2135	1142	466	53	22
Ponton bridge, 10 ton	93	93	18	100	19
Shovel, gas, 1/2 cu. yd.	45	10	6	22	13
Hammer, gas	1063	143	143	13	13
Searchlight, 60" A.A.	2159	2159	224	100	10
Map reproduction equip. mtd.	29	25	3	86	10
Stereoscope, mag. (lens prism)	151	151	9	100	6
Mobile reproduction train	1	1	0	100	0
Ponton bridge, 25 ton	47	47	0	100	0
Stereoscope, mirror mag.	2522	2522	0	100	0
Trailer for med. tractors	609	609	0	100	0
Explosive, (nitrostarch) tons	400	200	0	50	0
Electric lighting equipment	124	0	0	0	0
Machine, dupl., gelatin proc.	160	0	0	0	0
Water supply equipment	68	0	0	0	0
Searchlight, 18" beach	105	105	0	100	0

COMPARATIVE PROGRESS SUMMARY

Average percent contracted			Average percent delivered		
Last week	This week	Difference	Last week	This week	Difference
77	80	3	29	29	0

Engineers

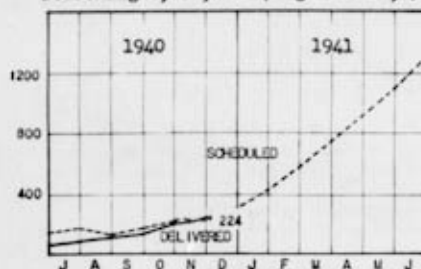
31

STATISTICS BRANCH
OSW - WAR DEPARTMENT
12-14-40

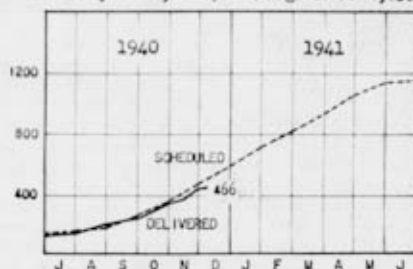
CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH Dec. 7, 1940

Source of Information: Office of the Chief of Engineers

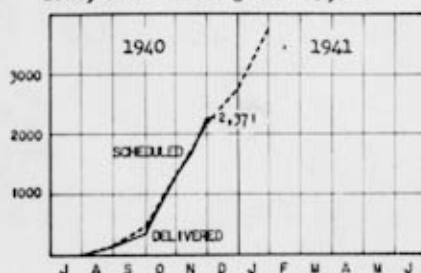
Searchlight, 60", AA. Program is 2,159



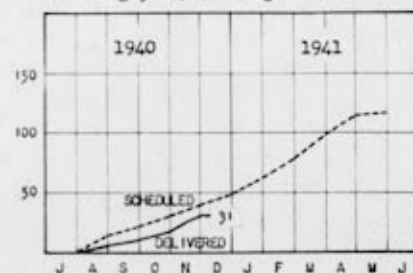
Mirror, metal, 60" S/L. Program is 2,135



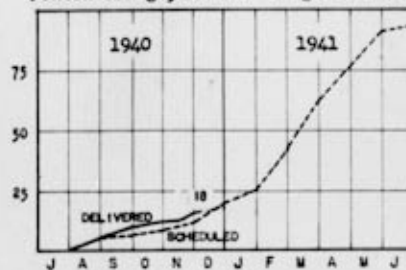
Boat, assault. Program is 3,771



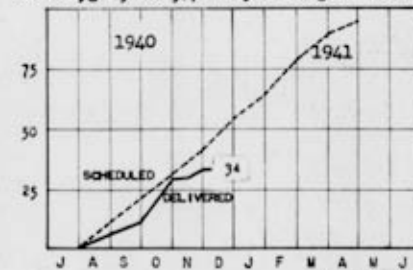
Footbridge, M1938. Program is 117



Ponton bridge, 10-ton. Program is 93



Shovel, gas, mtzd, 3/8cu.yd. Program is 94



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED Dec. 14, 1940

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

In general the delivery of surgical instruments on existing contracts is on schedule time and contractors are cooperating thoroughly by giving priority to those items that are needed for immediate use.

The J. Sklar Manufacturing Company, Long Island City, New York, needs in the manufacture of surgical instruments a #000 plain milling machine and the best delivery they can get is April 4, 1941.

The continued difficulty of securing delivery of aluminum from the Aluminum Company of America is delaying contractors in the manufacture of Operating Room Lights, Litters, and other items requiring this material.

Such drugs as Ergot, Squill, and Belladonna, imported from the Mediterranean countries, have shown a marked increase in price, in some cases close to one thousand percent. These drugs, however, are of more importance to civilian life as they are not used extensively in the military service.

Priority ratings have greatly assisted the American Brass Company in the delivery of drawn brass shells for the manufacture of dressing, water sterilizers, and autoclaves.

TABULAR SUMMARY - MEDICAL DEPARTMENT - CRITICAL AND ESSENTIAL ITEMS - Nov. 30, 1940

Source of Information: Medical Department, Weekly Progress Reports

ITEM	PROCUREMENT PROGRAM	UNDER CONTRACT	DELIVERED	PERCENT OF PROGRAM CONTRACTED	PERCENT OF CONTRACT DELIVERED
<u>Critical</u>					
Kit, canteen ring strap	138,000	70,000	70,000	51	100
Sphygmomanometer, aneroid	11,330	2,300	1,940	20	84
Kit, litter strap	108,000	40,000	31,000	37	78
Kit, pouch, canvas	170,000	102,000	75,400	60	74
Scissors, bandage	83,710	32,000	19,920	38	62
Knife, operating	431,098	63,000	37,976	15	60
Sterilizer, hospital	2,663	481	126	18	26
Forceps, hemostatic	413,280	334,500	44,252	81	13
Forceps, towel	96,220	75,000	5,271	78	7
Forceps, tissue	83,475	40,000	606	48	2
Kit, suspender	62,000	30,000	400	48	1
Packets, first aid	1,250,000	1,200,000	0	96	0
Chest, field, modified	5,500	3,000	0	55	0
Kit, insert (Type I & II)	73,000	35,000	0	48	0
Chest, field, plain	10,500	5,500	0	52	0
<u>Essential</u>					
Splint, strap	10,562	10,000	10,000	95	100
Autoclave, lab., field	50	50	34	100	68
X-Ray machine, shockproof, complete, bedside	203	55	28	27	51
Thermometer, clinical	420,000	360,000	165,184	86	46
Splint, Thomas, leg	12,750	11,000	1,000	86	9
X-Ray machine, shockproof, complete, radiographic, fluoroscopic (stationary)	186	58	5	31	9
Carrier, field, collapsible	2,250	2,250	0	100	0
Case, splint	2,500	2,500	0	100	0
X-Ray, field, mobile unit	239	110	0	46	0
X-Ray, field, table unit	88	25	0	28	0
Basic instrument set case, empty	3,200	0	0	0	0

Comparative Progress Summary by Groups

Group	Average Percent Contracted		Average Percent Delivered	
	Last Week	This Week	Last Week	This Week
Critical	48	50	29	34
Essential	54	64	23	26
All items	50	56	27	30

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - Dec. 14, 1940

Source of Information: Reports from Chemical Warfare Service, and personal contact with Lt. C. H. Small, C.W. Reserves.

The manufacture or assembly of critical items at Edgewood Arsenal is proceeding in a satisfactory manner.

Procurement of WP (White Phosphorus) is held up, pending construction of additional storage facilities.

There has been no change in average percent contracted and delivered, over proceeding week.

TABULAR SUMMARY - CHEMICAL WARFARE SERVICE - CRITICAL ITEMS - Nov. 29, 1940

Source of Information: Chemical Warfare Service, Weekly Progress Reports

ITEM	PROCUREMENT PROGRAM	UNDER CONTRACT	DELIVERED	PERCENT OF PROGRAM CONTRACTED	PERCENT OF CONTRACT DELIVERED
Mustard gas (tons)	2,630	2,630	702	100	27
Gas mask, service	1,879,781	1,879,781 a/	478,290	100	25
Deprenite I (tons)	1,718.5	1,011.5	71.0	59	7
Alarm, gas	27,808	10,471	0	38	0
Deprenite S (tons)	2,317	862	0	37	0
Gas mask, diaphragm	920,354	389,425	0	42	0
Gas mask, optical	116,623	38,943	0	33	0
Airplane tanks, chemical spray	3,642	0	0	0	0
Gas mask, horse	124,722	0 b/			
Shell, C.M.	53,800	0 b/			
Shell, L.P.	3,548	0 b/			

a/ Includes 1,210,797 under letters of intent

b/ Procurement deferred

TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH DEC. 7, 1940.

Source of Information: Office, Chief of Coast Artillery.

GENERAL.

The report for this week shows no changes of any kind from that of the week ended November 30, 1940. At present there are only three Controlled Items for the Coast Artillery.

M3 SUBMARINE MINE, CASEMATE EQUIPMENT, GROUPS -- GOOD.

Deliveries are on schedule.

CABLE, SUBMARINE MINE -- NO DELIVERIES.

Contracts for the entire requirement, 3,610,000 ft., are let but no deliveries are scheduled until March, 1941.

EXPLOSIVE, TNT -- NO CONTRACTS AWARDED.

The Coast Artillery holds a greatly deferred position on this item so no progress can be reported until others with greater priority have been supplied.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH DEC. 7, 1940.

Source of Information: Office, Chief of Coast Artillery.

Item	Program 1940 & 1941	Contracts filled & unfilled	Delivered through Nov. 15	Percent con- tracted	Percent de- livered
M3 submarine mine, casemate equipment groups	138	138	11	100	8
Cable, submarine mine, type I and II (1000 ft.)	3610	3610	0	100	0
Explosive, TNT (1000 lbs.)	Ordnance has not yet determined quantity avail- able for C. A. C.				