

Wm: Property Weekly Statistical: 2/7-2/21/12

SECRET

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

WEEKLY STATISTICAL REPORT

No. 32

RELEASED

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

SUMMARY

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 5200.9 (8/27/58)

Date- **3-17-59**

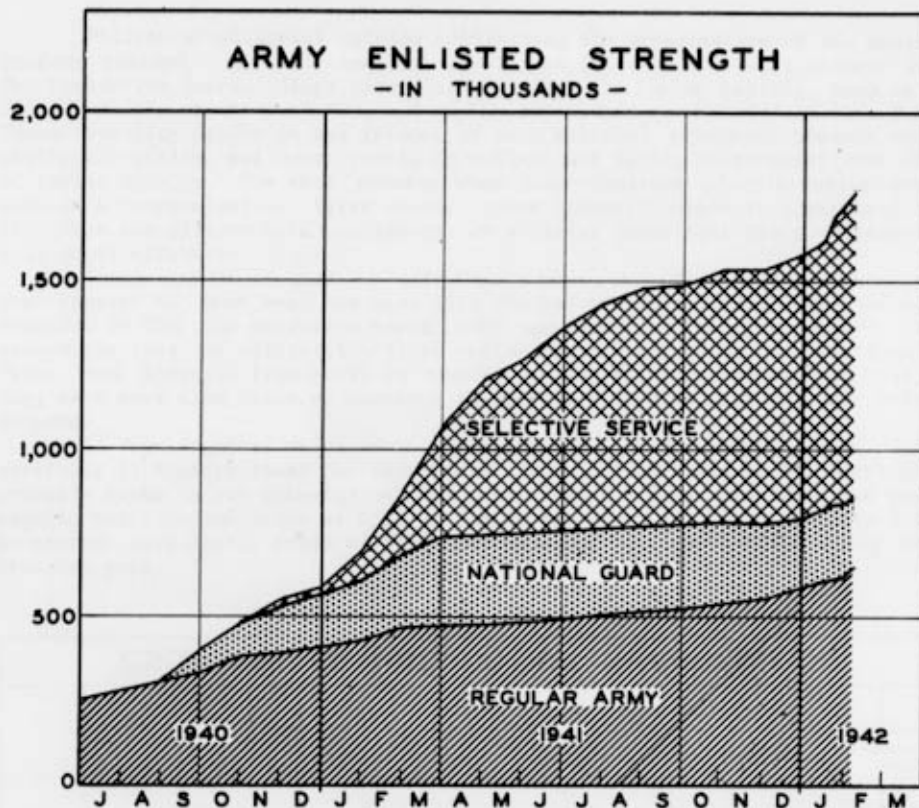
Signature: *Carl L. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-3242-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT NO. 32
FEBRUARY 7, 1942

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength	1	Text Summary - Proc. of Basic Items .	28
Editorial Opinion	2	Diagrams: Proc. of Sel. Basic Items .	29
Declarations of War	3	Proc. of Sel. Basic Items .	30
Declarations of War	4	Tab. Sum. - M.V. Proc. by Types	31
Declarations of War	5	Diagram: M.V. Proc. by Contractors ..	32
Declarations of War	6		
Declarations of War	7	<u>SIGNAL CORPS</u>	
Declarations of War	8	Text Summary - Procurement	33
Appropriations	9	Diagrams:	
		Aircraft Communication	34
<u>ORDNANCE DEPARTMENT</u>		Radio Set, Command, etc. ...	35
Text Summary	10	Receiving Equipment	36
Equipment - Req., Stocks & Schedules .	11		
Ammunition- Req., Stocks & Schedules .	12	<u>CORPS OF ENGINEERS</u>	
Equipment: Procurement Summary	13	Tabular Summary - Procurement	37
Light Tank- Schedules ...	14	Tabular Summary - Procurement	38
Stocks & Initial Reqmnts. .	15	Diagram: Cum. Construction Progress .	39
Stocks & Total Reqmnts ..	16	Diagram: Sched. of Compl. Plants	40
Ammunition: Procurement Summary	17		
New Facilities - Ammunition	18		
		<u>MEDICAL DEPARTMENT</u>	
<u>AIR CORPS</u>		Text Summary	41
Text Summary - Aircraft Procurement .	19	Tab. Sum. - Items of Equip.-Proc. ...	42
Airplanes - Monthly Accept.-All Cust.	20		
Tab. Sum. - Air Corps Current Proc. .	21	<u>CHEMICAL WARFARE SERVICE</u>	
Airplanes & Engines- Sched. & Del.		Text Summary - Production	43
Heavy & Medium Bomber	22	Diagrams: Procurement Progress	
Light Bomber & Observation ..	23	Critical Items	44
Pursuit	24	Selected Essential Items ...	45
Pursuit & Transport	25		
Primary & Basic Trainer	26		
Advance Trainer	27		



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to February 4, 1942 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

1940	Total	1941	Total	1941	Total	1942	Total
Jul	268,941	Jan	693,578	Jul	1,429,188	Feb 4	1,770,000
Aug	302,968	Feb	873,667	Aug	1,481,197		
Sep	407,613	Mar	1,068,030	Sep	1,484,024		
Oct	483,218	Apr	1,205,873	Oct	1,526,000		
Nov	540,695	May	1,265,211	Nov	1,528,500		
Dec	573,520	Jun	1,362,760	Dec	1,579,500		

Source of Information: Statistics Branch, General Staff, February 4, 1942

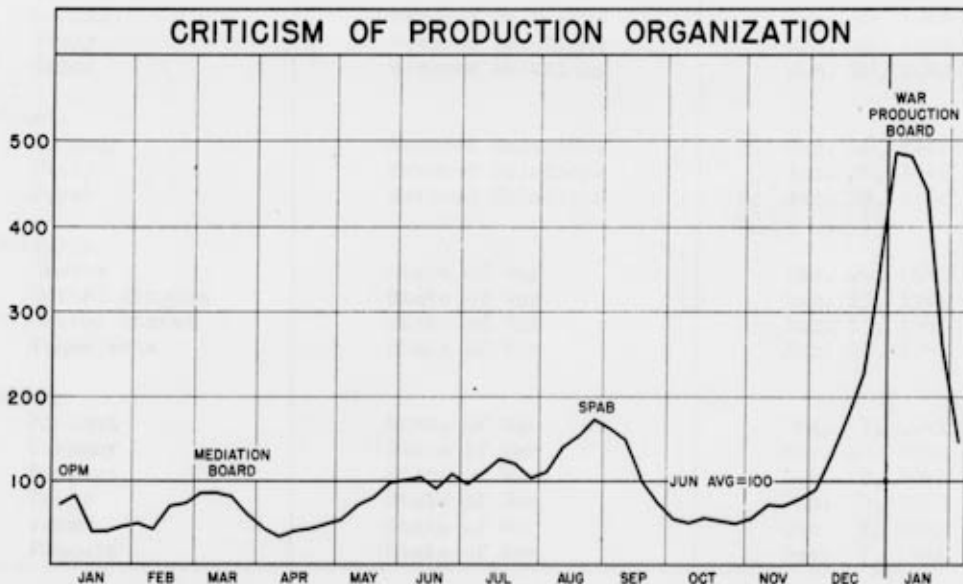
EDITORIAL COMMENT ON OUR MILITARY EFFORT - Talled from a uniform list of news-papers in large cities of the 12 F. R. Districts by weeks ended each Wednesday

Source of Information: Statistics Branch, OUSW, February 4, 1942

Tallies of editorial opinion criticizing the organization of our munitions program reached a new all-time high level just prior to the establishment of the War Production Board. Since then they have been declining rapidly, much as they did after the creation of OPM, and again subsequent to the initiation of SPAB. These wave-like cycles in the volumes of such critical editorial comment reflect editorial opinion, and seem partly to reflect and partly to forecast the trends of public opinion. The wave recedes when some decisive administrative action, such as a reorganization, takes place. These downward movements apparently indicate that the editors have confidence, or at least hope, that the reorganizations will prove effective.

These cycles of comment undoubtedly have real forecasting significance. That appears to have been the case with respect to their action just before the creation of OPM, the Mediation Board, SPAB and the War Production Board. It is noteworthy that the editorial tallies reflecting concern about our relations with Japan rose steadily from early in November to the 7th of December. On that date they were more than twice as numerous as they had ever been at any time prior to November.

If the figures, which were presented here on December 6, are examined carefully it appears clear in retrospect that they afforded a real warning of a probable break in our peaceful relations with Japan. They reached a low peak in August, and then one twice as high in September. Then they rose in late October to another peak nearly twice as high as the one of September, and finally to the December peak.



DECLARATIONS OF WAR AND DECLARATIONS OF RECOGNITION OF STATES OF WAR

Source of Information: Executive Office of the President, The Department of State, and The Embassies and Legations.

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Albania		
Russia	Declaration of War	Jun. 29, 1941
Australia		
Finland	State of War	Dec. 8, 1941
Germany	State of War	Sep. 3, 1939
Hungary	State of War	Dec. 8, 1941
Italy	State of War	Jun. 11, 1940
Japan	Declaration of War	Dec. 8, 1941
Rumania	State of War	Dec. 8, 1941
Belgium in Exile		
Italy	Severed Relations	Jun. 18, 1940
Japan	State of War	Dec. 19, 1941
Bolivia		
Germany	Severed Relations	Jan. 28, 1942
Italy	Severed Relations	Jan. 28, 1942
Japan	Severed Relations	Jan. 28, 1942
Brazil		
Germany	Severed Relations	Jan. 28, 1942
Italy	Severed Relations	Jan. 28, 1942
Japan	Severed Relations	Jan. 28, 1942
Bulgaria		
Greece	State of War	Apr. 24, 1941
United Kingdom	State of War	Dec. 13, 1941
United States	State of War	Dec. 13, 1941
Yugoslavia	State of War	Apr. 24, 1941
Canada		
Finland	State of War	Dec. 7, 1941
Germany	State of War	Sep. 10, 1939
Hungary	State of War	Dec. 7, 1941
Italy	State of War	Jun. 10, 1940
Japan	State of War	Dec. 7, 1941
Rumania	State of War	Dec. 7, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
China		
Germany	State of War	Dec. 9, 1941
Italy	State of War	Dec. 9, 1941
Japan	Declaration of War	Dec. 9, 1941
Colombia		
Germany	Severed Relations	Dec. 19, 1941
Italy	Severed Relations	Dec. 19, 1941
Japan	Severed Relations	Dec. 8, 1941
Costa Rica		
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Japan	State of War	Dec. 8, 1941
Cuba		
Germany	Declaration of War	Dec. 11, 1941
Italy	Declaration of War	Dec. 11, 1941
Japan	State of War	Dec. 9, 1941
Czechoslovakia		
All Govts. at war with U.S. and U.K.	State of War	Dec. 16, 1941
Denmark		
Russia	Severed Relations	Jun. 22, 1941
Dominican Republic		
Germany	Declaration of War	Dec. 11, 1941
Italy	Declaration of War	Dec. 11, 1941
Japan	Declaration of War	Dec. 8, 1941
Egypt		
Bulgaria	Severed Relations	Jan. 5, 1942
Finland	Severed Relations	Jan. 5, 1942
France	Severed Relations	Jan. 6, 1942
Germany	Severed Relations	Sep. 4, 1939
Hungary	Severed Relations	Dec. 15, 1941
Italy	Severed Relations	Jun. 12, 1940
Japan	Severed Relations	Dec. 8, 1941
Rumania	Severed Relations	Dec. 16, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Ecuador		
Germany	Severed Relations	Jan. 29, 1942
Italy	Severed Relations	Jan. 29, 1942
Japan	Severed Relations	Jan. 29, 1942
El Salvador		
Germany	State of War	Dec. 12, 1941
Italy	State of War	Dec. 12, 1941
Japan	State of War	Dec. 8, 1941
France		
Germany	State of War	Sep. 3, 1939
Russia	Severed Relations	Jun. 30, 1941
United Kingdom	Severed Relations	Jul. 5, 1941
France in Exile		
Japan	Declaration of War	Dec. 8, 1941
Germany		
Greece	State of War	Apr. 6, 1941
Russia	State of War	Jun. 22, 1941
United States	State of War	Dec. 11, 1941
Yugoslavia	Declaration of War	Apr. 6, 1941
Greece		
Bulgaria	State of War	Apr. 23, 1941
Italy	State of War	Oct. 28, 1940
Greece in Exile		
Japan	Severed Relations	Dec. 9, 1941
Guatemala		
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Japan	State of War	Dec. 8, 1941
Haiti		
Bulgaria	Declaration of War	Dec. 24, 1941
Germany	Declaration of War	Dec. 12, 1941
Hungary	Declaration of War	Dec. 24, 1941
Italy	Declaration of War	Dec. 12, 1941
Japan	Declaration of War	Dec. 8, 1941
Rumania	Declaration of War	Dec. 24, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Honduras		
Germany	Declaration of War	Dec. 12, 1941
Italy	Declaration of War	Dec. 12, 1941
Japan	Declaration of War	Dec. 8, 1941
Hungary		
Russia	State of War	Jun. 27, 1941
United States	State of War	Dec. 11, 1941
India		
Germany	State of War	Sep. 3, 1939
Iran		
Germany	Severed Relations	Sep. 11, 1941
Hungary	Severed Relations	Sep. 11, 1941
Italy	Severed Relations	Sep. 11, 1941
Rumania	Severed Relations	Sep. 11, 1941
Italy		
France	State of War	Jun. 10, 1940
Greece	State of War	Oct. 28, 1940
Russia	Declaration of War	Jun. 22, 1941
United Kingdom	State of War	Jun. 10, 1940
United States	State of War	Dec. 11, 1941
Japan		
United Kingdom	Declaration of War	Dec. 8, 1941
United States	Declaration of War	Dec. 8, 1941
Mexico		
Bulgaria	Severed Relations	Dec. 20, 1941
Germany	Severed Relations	Dec. 11, 1941
Hungary	Severed Relations	Dec. 19, 1941
Italy	Severed Relations	Dec. 11, 1941
Japan	Severed Relations	Dec. 8, 1941
Rumania	Severed Relations	Dec. 23, 1941
Netherlands		
Germany	State of War	May 10, 1940
Netherlands in Exile		
Italy	Declaration of War	Dec. 11, 1941
Japan	State of War	Dec. 8, 1941

Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
Netherlands East Indies Japan	Declaration of War	Dec. 8, 1941
New Zealand		
Finland	State of War	Dec. 7, 1941
Germany	State of War	Sep. 3, 1939
Hungary	State of War	Dec. 7, 1941
Italy	State of War	Jun. 11, 1940
Japan	State of War	Dec. 8, 1941
Rumania	State of War	Dec. 7, 1941
Nicaragua		
Bulgaria	Declaration of War	Dec. 20, 1941
Germany	Declaration of War	Dec. 11, 1941
Hungary	Declaration of War	Dec. 20, 1941
Italy	Declaration of War	Dec. 11, 1941
Japan	Declaration of War	Dec. 11, 1941
Rumania	Declaration of War	Dec. 20, 1941
Norway in Exile		
Japan	Severed Relations	Dec. 9, 1941
Panama		
Germany	State of War	Dec. 12, 1941
Italy	State of War	Dec. 12, 1941
Japan	State of War	Dec. 8, 1941
Paraguay		
Germany	Severed Relations	Jan. 28, 1942
Italy	Severed Relations	Jan. 28, 1942
Japan	Severed Relations	Jan. 28, 1942
Peru		
Germany	Severed Relations	Jan. 26, 1942
Italy	Severed Relations	Jan. 26, 1942
Japan	Severed Relations	Jan. 26, 1942
Rumania		
United States	State of War	Dec. 12, 1941













Declaring Country Declared Against	Nature of Declaration	Dates of the Declaring Nations
South Africa		
Bulgaria	State of War	Dec. 13, 1941
Finland	State of War	Dec. 8, 1941
Germany	Declaration of War	Dec. 6, 1939
Hungary	State of War	Dec. 8, 1941
Italy	Declaration of War	Jun. 11, 1940
Japan	State of War	Dec. 27, 1941
Rumania	State of War	Dec. 8, 1941
Thailand		
United Kingdom	Declaration of War	Jan. 25, 1942
United States	Declaration of War	Jan. 25, 1942
United Kingdom		
Finland	State of War	Dec. 7, 1941
Germany	State of War	Sep. 3, 1939
Hungary	State of War	Dec. 7, 1941
Italy	State of War	Jun. 10, 1940
Japan	Declaration of War	Dec. 8, 1941
Rumania	State of War	Dec. 8, 1941
United States		
Germany	State of War	Dec. 11, 1941
Italy	State of War	Dec. 11, 1941
Japan	State of War	Dec. 8, 1941
Uruguay		
Germany	Severed Relations	Jan. 25, 1942
Italy	Severed Relations	Jan. 25, 1942
Japan	Severed Relations	Jan. 25, 1942
Venezuela		
Germany	Severed Relations	Dec. 31, 1941
Italy	Severed Relations	Dec. 31, 1941
Japan	Severed Relations	Dec. 31, 1941
Yugoslavia		
Bulgaria	State of War	Apr. 6, 1941
Hungary	State of War	Apr. 10, 1941

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

Source of Information: Appropriation Acts

Cash Appropriations	43,879,322,746
Contract Authorization	5,308,938,834
	<u>49,188,261,580</u>
Provision for Liquidations	<u>-3,743,211,914</u>
Total Available for Obligations	45,445,049,666

CASH APPROPRIATIONS AND CONTRACT AUTHORIZATIONS LESS LIQUIDATIONS

AIR CORPS		\$17,404,824,187
ORDNANCE DEPARTMENT		\$11,500,402,603
QUARTERMASTER CORPS		\$5,369,175,381
EXPEDITING PRODUCTION		\$2,513,390,000
FINANCE DEPARTMENT		\$2,464,859,585
CORPS OF ENGINEERS		\$1,845,984,445
SIGNAL CORPS		\$1,812,995,225
OTHERS		\$1,663,021,013
CHEMICAL WARFARE SERVICE		\$473,202,517
SEACOAST DEFENSE		\$200,276,237
MEDICAL DEPARTMENT		\$171,904,950
DEPARTMENTAL		\$25,013,623
TOTAL AVAILABLE FOR OBLIGATION		\$45,445,049,666

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

AIR CORPS	\$1,300,284,860	CORPS OF ENGINEERS	\$ 41,673,500
ORDNANCE DEPARTMENT	1,162,825,950	SEACOAST DEFENSE	31,579,047
EXPEDITING PRODUCTION	878,896,000	CHEMICAL WARFARE	21,022,544
QUARTERMASTER CORPS	233,062,000	MEDICAL DEPARTMENT	6,526,819
SIGNAL CORPS	67,341,194		

TEXT SUMMARY - ORDNANCE DEPARTMENT - FEBRUARY 7, 1942

Source of Information: Ordnance Department, General Staff and OUSW

ARMY REQUIREMENTS

Present production rates of the equipment and ammunition items on the two following pages are reported to be inadequate to meet requirements.

Stocks of these items on hand in the Army on January 1, 1942, plus acceptances scheduled for the first six months of 1942, represent widely varying proportions of the Army's requirements on a 3,635,000 men troop basis, as reported in the Third Supplemental Equipment Expenditure Program. Furthermore, at least part of the net Defense Aid authorizations, which had not been shipped at the close of 1941, must be filled from production during the first six months of 1942. These comparisons are shown on the two following pages.

The requirements for a force of 3,635,000 men shown in the Third Supplemental Expenditure Program are changed in the War Munitions (Victory) Program. The latter is computed on the basis of the current Tables of Basic Allowances of October 1, 1941, and include six months' maintenance instead of the twelve months' maintenance in the Third Supplemental Expenditure Program requirements.

A firm common statement of procurement objectives through June 30, 1944, for the Army, Navy and Defense Aid, is being computed by the Supply Division, G-4 and the Supply Arms and Services, together with the Office of the Under Secretary of War. It is expected that the resulting program will be available in about one month.

The Supplemental Estimate "D", Fiscal Year 1942 was submitted by the War Department to the Bureau of the Budget last month. This estimate is reported to provide funds for the equipment of an army of approximately 3,635,000 men on a war status, together with additional Defense Aid funds.

The 1942 Time Objective includes only 30% of each ordnance item financed by the "D" Estimate, so that this estimate will provide funds for some procurement in the 1943 calendar year. It is anticipated that additional estimates of funds needed to finance further procurement will be prepared after the adjusted Equipment Section of the Army Supply Program becomes available in about a month.

JANUARY ACCEPTANCES

	December Acceptances	January Scheduled	January Preliminary
Gun, 90mm A.A.	33	39	89
Howitzer, 105mm	307	48	246
Rifle, semi-automatic, M1	36,530	31,000	38,980
Cartridge, Cal.30 (millions)	109	159	179
Cartridge, Cal.50 (millions)	14	18	21

EQUIPMENT - 1942 REQUIREMENTS, STOCKS AND SCHEDULES - DECEMBER 31, 1941

Source of Information: Ordnance Department, Defense Aid, and General Staff

Item	Army requirements 3,635,000 men	Stocks plus schedules thru June 30, 1942	Percent of Army requirements	Unfilled Defense Aid authorizations
<u>Antiaircraft Material</u>				
Machine gun, cal.50, W/C	32,983	12,365	37	8,860
Mount, cal.50	23,833	8,577	36	1,360
Gun, 37mm, M1A2 w/mount M2	4,864	0	0	0
Gun, 37mm M1A2, auto., M3	1,985	714	36	0
Unit gen., 37mm & 40mm gun	10,688	4,247	40	0
Director, 37mm & 40mm gun	8,155	106	1	0
Gun, auto., 40mm	4,719	360	8	1,496
System, remote cont., 40mm gun	5,747	100	2	1,496
Gun, 90mm, mobile	1,525	613	40	68
Unit generating, M6, 3"	366	273	75	0
Unit generating, M7, 90mm gun	879	495	56	0
<u>Small Arms & Infantry Weapons</u>				
Gun, 37mm, AT (wheeled)	12,681	5,391	43	1,800
Gun, 37mm (tank)	30,392	8,698	29	1,370
Carbine, cal.30	881,698	10,300	1	0
<u>Automatic Weapons</u>				
Mach. gun, cal.50, HB(Fix.&fl.)	47,870	16,576	35	20,798
Mount tripod, mach. gun, cal.50	47,744	17,610	37	5,000
<u>Field Artillery</u>				
Gun, 3", AT, SP	6,445	0	0	0
Howitzer, 75mm, SP	2,116	0	0	0
Howitzer, 105mm, field	3,211	2,122	66	558
Howitzer, 105mm, self-prop.	1,486	0	0	0
Howitzer, 155mm	770	0	0	240
Gun, 4.5", medium, field	480	0	0	0
<u>Combat Vehicles</u>				
Car, armored (w/o armament)	19,949	0	0	0
<u>Misc. Fire Control Equipment</u>				
Binoculars, M3	184,729	30,704	17	30,682
Telescope, obser., Inf., Cav.	1,597	1,600	100	1,480

AMMUNITION - 1942 REQUIREMENTS, STOCKS AND SCHEDULES - DECEMBER 31, 1941

Source of Information: Ordnance Department, Defense Aid, and General Staff

Item	Army requirements 3,635,000 men	Stocks plus schedules thru June 30, 1942	Percent of Army requirements	Unfilled Defense Aid authorizations
<u>Small Arms (thousands)</u>				
Cart., ball, cal.50	92,606	33,143	36	25,189
Cart., AP, cal.50	1,717,700	270,957	16	32,485
Cart., tracer, cal.50	587,937	66,778	11	13,432
Cart., AP, cal.30	1,323,300	260,128	20	375,259
Cart., carbine, cal.30	420,159	0	0	0
<u>Antiaircraft</u>				
AP, M62, 3", AA and T & AT	8,160,000	0	0	0
AP, M-, 90mm	147,180	25,000	17	0
HE, M-, 40mm	9,801,000	945,000	10	3,510,000
AP, M-, 40mm	1,089,000	0	0	0
Rocket, AA, 3 $\frac{1}{4}$ "	5,000	0	0	0
<u>Infantry</u>				
AP, M51 or SAP, M74, 37mm, T&AT	41,277,560	9,073,551	22	4,467,596
HE, M63, 37mm T & AT	28,930,320	4,907,018	17	390,000
Grenade, smoke and signal	6,572,269	710,798	11	0
Mine, antitank, M1	5,005,770	860,000	17	0
<u>Artillery</u>				
HE, M42, 3"	2,736,450	189,900	7	0
HE, nc, M48, 75mm	8,203,335	1,919,875	23	423,100
AP, M61 or SAP, M72, 75mm, T&AT	7,729,660	1,720,000	22	807,500
HE, M48, 75mm how.	13,084,690	2,210,680	17	1,296,000
HE, M1, 105mm how.	20,994,680	4,165,846	20	1,683,600
WP, M60, 105mm how.	2,622,540	330,000	13	72,000
HE, M107, 155mm how., unfuz.	3,179,520	220,000	7	720,000
HS, M110, 155mm how.	397,440	0	0	72,000
HE, M102 (MkIA1) 155mm how.	5,737,048	1,729,916	30	48,000
WP, M105, 155mm how., unfuz.	711,300	210,000	30	0
SAP, M- and AP, M112, 155mm	241,140	17,000	7	0
AP, 2240#, MkXI, 16"	2,589	0 a	0 a	0
AP, 105#, MkXXXIII, 6"	26,434	6,000 a	23 a	0

a Procurement contingent upon sharing capacity with Navy.

EQUIPMENT PROCUREMENT - SUMMARY - DECEMBER 31, 1941

Source of Information: Ordnance Department

Item	Total procurement authorized*	Acceptances thru Dec 31	Percent of total authorization			
			Con-tracted	Sched-uled	Due	Accepted
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,732	15,350	98	98	17	17
Machine gun, cal.50	222,219	44,292	94	94	20	20
Gun, 20mm automatic	79,663	1,184	60	60	1	1.5
Gun, 37mm automatic	5,907	390	49	49	4	7
<u>Combat Vehicles</u>						
Tank, light	11,520	2,551	48	48	24	22
Tank, medium	27,665*	1,373	41	41	5	5
Tank, heavy	600	0	17	17	0	0
Scout car	9,245	2,733	37	37	30	30
Personnel carrier, M2	6,691	3,565	87	87	53	53
Personnel carrier, M3	6,158	1,859	90	90	29	30
Submachine gun, cal.45	852,259	217,420	40	40	27	26
Gun, 37mm tank	32,733*	4,580	48	48	16	14
Gun, 75mm tank	27,164*	1,045	36	32	3	4
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,284	132	53	37	3	3
Gun, 40mm	8,236	0	51	51	0	0
Gun, 37mm	3,364	522	95	95	15	16
Machine gun, cal.50 (WC)	39,067	3,771	68	68	9	10
<u>Artillery</u>						
Howitzer, 75mm	1,318	435	100	51	30	33
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,395	549	98	89	11	12
Gun, 4.5", AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	492	39	100	99	8	8
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	975	100	73	72	73
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,366	100	100	85	86
Carriage, 155mm gun	853	345	100	100	38	40
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,332,069	380,775	93	100	28	29
Machine gun, cal.30 (Var.)	289,169a	58,345a	56a	56a	24a	20a
Machine gun, cal.50 (HB)	67,041a	3,421a	47a	47a	9a	5a
Gun, 37mm antitank	18,603	2,358	53	53	12	13
Mortar, 60mm	11,162	6,820	100	100	60	61
Mortar, 81mm	6,924	2,534	68	65	39	37

* Total procurement authorized consists of authorizations from Fiscal Year 1940, 1941 and 1942 funds, Navy, Marine Corps and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Figures include armament for combat vehicles.

COMBAT VEHICLES - LIGHT TANK - DECEMBER 31, 1941

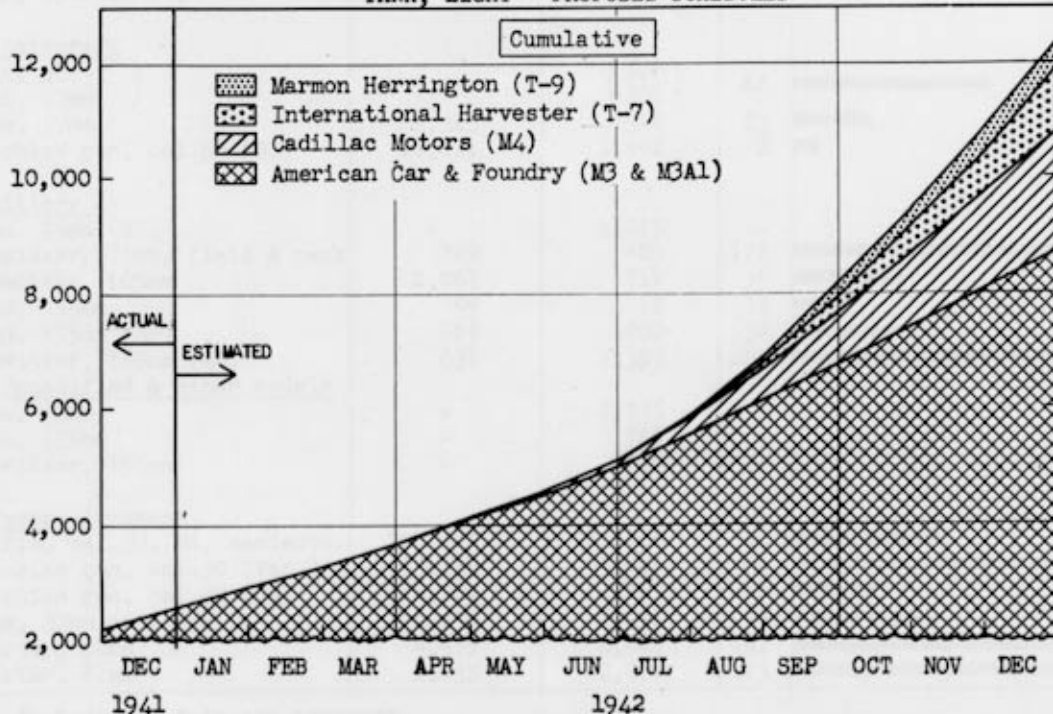
Source of Information: Ordnance Department

The 1942 Presidential Objective of 19,500 light tanks compares with the available proposed schedules for the production of 9,900 light tanks. Armament for light tanks consists of a 37mm gun and three to five machine guns.

Characteristic Comparison of Light Tanks

Light Tank	Length	Weight (Tons)	Hull Construction	Engine Type	Remarks - Basic New Features
M3	14'10"	14	Riveted	7 cylinder radial or 9 cylinder diesel	Present production model
M3A1	14'10"	14	Part riveted part welded	7 cylinder radial or 9 cylinder diesel	New turret allowing gunner to operate more efficiently
M4	14'10"	15½	Welded	Two V-8 Cadillac motors	Hydramatic transmissions and step-up gear box
T-7	16'7½"	19½	Welded	9 cylinder radial	Complete new design throughout
T-9	11'7¼"	7½	Riveted	6 cylinder horizontal	Air borne

TANK, LIGHT - PROPOSED SCHEDULES



EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - JANUARY 31, 1942 (DATA EXCLUDE DEFENSE AID)

Source of Information: General Staff

Item	Initial requirements 1,850,000 men	Stocks in depots and with troops	%	Percent of requirements					
				0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	32,688	20,111	62						
Machine gun, cal.50,fix.&fl.	61,539	34,447	56						
Gun, 20mm automatic	1,815	2,007	111						
Gun, 37mm automatic	2,155	421	20						
<u>Combat Vehicles</u>									
Tank, light	1,699	1,652 b	97						
Tank, medium	1,788	735 c	41						
Scout car	1,261	2,417 d	192						
Personnel carrier, M2	3,467	3,819	110						
Personnel carrier, M3	3,311	1,878	57						
Machine gun, cal.30 (Var.)	32,626 a	a	-						
Machine gun, cal.50 (HB)	5,491 a	a	-						
Submachine gun, cal.45	41,859	29,994	72						
Gun, 37mm tank	6,235	1,446	23						
Gun, 75mm tank	1,762	450	26						
<u>Antiaircraft</u>									
Gun, 3" } Gun, 90mm }	1,237	{ 568 } { 201 }	62						
Gun, 37mm	2,315	526	23						
Machine gun, cal.50 (WC)	18,611	1,492	8						
<u>Artillery</u>									
Gun, 75mm (HS)	-	1,015	-						
Howitzer, 75mm, field & pack	249	429	172						
Howitzer, 105mm	2,061	719	35						
Gun, 155mm	95	18	19						
Gun, 155mm (HS)	587	202	34						
Howitzer, 155mm (HS)	631	1,397	221						
<u>Unmodified & other models</u>									
Gun, 75mm	-	2,335	-						
Gun, 155mm	-	749	-						
Howitzer, 155mm	-	390	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	797,085	381,326	48						
Machine gun, cal.30 (Var.)	53,555	55,691	104						
Machine gun, cal.50 (HB)	16,964	4,403	26						
Gun, 37mm antitank	6,276	2,732	44						
Mortar, 60mm	4,579	6,902	151						
Mortar, 81mm	2,035	2,510	123						

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - JANUARY 31, 1942 (DATA EXCLUDE DEFENSE A(D))

Source of Information: General Staff

Item	Total requirements 3,635,000 men	Stocks in depots and with troops	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,260	20,111	45					
Machine gun, cal.50,fix.&fl.	131,837	34,447	26					
Gun, 20mm automatic	3,721	2,007	54					
Gun, 37mm automatic	2,896	421	15					
<u>Combat Vehicles</u>								
Tank, light	4,341	1,652 b	38					
Tank, medium	5,902	735 c	12					
Scout car	2,709	2,417 d	89					
Personnel carrier, M2	10,497	3,819	36					
Personnel carrier, M3	8,208	1,878	23					
Machine gun, cal.30 (Var.)	125,849 a	a	-					
Machine gun, cal.50 (HB)	14,712 a	a	-					
Submachine gun, cal.45	155,279	29,994	19					
Gun, 37mm tank	30,392	1,446	5					
Gun, 75mm tank	5,872	450	8					
<u>Antiaircraft</u>								
Gun, 3" }	2,095	{ 568 }	37					
Gun, 90mm }								
Gun, 37mm	6,849	526	8					
Machine gun, cal.50 (WC)	32,983	1,492	5					
<u>Artillery</u>								
Gun, 75mm (HS)	-	1,015	-					
Howitzer, 75mm, field & pack	352	429	122					
Howitzer, 105mm	3,211	719	22					
Gun, 155mm	283	18	6					
Gun, 155mm (HS)	969	202	21					
Howitzer, 155mm (HS)	1,043	1,397	134					
<u>Unmodified & other models</u>								
Gun, 75mm	-	2,335	-					
Gun, 155mm	-	749	-					
Howitzer, 155mm	-	390	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,524,735	381,326	25					
Machine gun, cal.30 (Var.)	176,047	55,691	32					
Machine gun, cal.50 (HB)	47,870	4,403	9					
Gun, 37mm antitank	12,681	2,732	22					
Mortar, 60mm	8,227	6,902	84					
Mortar, 81mm	4,105	2,510	61					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - DECEMBER 31, 1941

Source of Information: Ordnance Department

Item	Total procurement authorized (THOUSANDS)	Acceptances thru Dec 31 (THOUSANDS)	Percent of total authorization		
			Scheduled thru '42	Due	Accepted
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20# a	2,047	494	91	24	24
Bomb, demo., 100#, 300#, 500# a	1,698	225	100	13	13
Bomb, demo., 1000# a	524	5	71	-	1
Bomb, chem., 30#, 100# *a	603	220	100	36	36
Cartridge, 20mm	131,690	6,529	99	5	5
Shell, HE, 37mm	2,098	704	100	31	34
Flares	902	239	100	31	26
Signals	2,946	1,196	100	40	41
<u>Antiaircraft</u>					
Shell, 37mm, HE	18,094	1,007	62	4	6
Shell, 40mm, HE	14,588	0	37	1	0
Shell, 3", HE	2,227	472	100	19	21
Shell, 90mm, HE	4,395	198	100	-	5
Shell, 105mm, HE	12	0	100	0	0
Shell, 4.7", HE	200	0	15	0	0
<u>Artillery</u>					
Shell, HE, sc, 75mm gun	2,356	626	100	22	27
Shell, g & s, 75mm gun a	1,150	102	100	5	9
Shot, AP, 75mm gun	12,796	0	73	0	0
Shell, HE, 75mm howitzer	5,575	273	100	5	5
Shell, HE, 105mm howitzer	20,497	353	57	1	2
Shell, HE, 155mm gun a	1,378	2	75	-	-
Charge, prop., 155mm gun	2,092	232	91	12	11
Shell, HE, 155mm howtzer a	6,230	190	100	3	3
Shell, g & s, 155mm how. a	1,634	-	56	1	-
Charge, prop., 155mm how.	8,945	973	100	10	11
Primer, 21 gr.	15,068	299	66	2	2
Fuzes (all)	16,016	3,254	83	20	20
<u>Infantry</u>					
Cartridge, cal.30	8,831,945	821,205	70	9	9
Links, met. belt, cal.30	1,032,222	167,838	63	18	16
Cartridge, cal.45	2,381,889	282,510	29	12	12
Cartridge, cal.50	2,657,358	92,109	56	4	3
Links, met. belt, cal.50	3,129,155	162,020	62	5	5
Shot & shell, 37mm	46,487	768	100	2	2
Shell, HE, 60mm	11,310	395	68	2	3
Shell, HE, 81mm	5,808	279	66	3	5
Shell, smoke, 81mm	470	0	89	0	0
Grenade, HE, frag.	8,749	980	63	11	11
Signals, ground & light	6,948	1,354	100	21	19
Mine, antitank	3,146	0	100	0	0

a Unfuzed.
* Unfilled.

NEW FACILITIES - AMMUNITION - AS OF JANUARY 21, 1942

Source of Information: Corps of Engineers and Ordnance Department

The following table shows the leading facts about 66 new facilities for ammunition manufacture, of which 17 are in operation. Twenty-nine of these plants have more than 20% of their equipment installed.

Four items account for the major portion of the funds shown in the table: small arms ammunition, smokeless powder, TNT, and shell loading facilities.

The figures for small arms ammunition include expansions at five plants on which construction was scheduled to start in January. Letters of intent have been issued for augmentation of capacity at three TNT plants to add 13,500 to the total rated capacity of 110,628 shown below.

The total ultimate employment at 45 ammunition plants has been computed by the War Production Board. It is currently reported from five plants that the actual number employed is 45,693.

	Number of new facilities		Rated monthly capacity		Deliveries in Dec 1941	Estimated total cost (MILLIONS)	Obligation (PERCENT)
	Approved	In operation	Unit	Number			
<u>Small arms ammunition</u>	9	3				427	46
Caliber .30			1,000	775,750	21,887		
Caliber .50				300,750	1,755		
<u>Shell loading,</u>	16	8				525	69
37mm			1,000	17,192	1,230		
60mm				2,240	494		
Equivalent 75mm				9,990	1,487		
155mm				2,166	117		
100#				1,246	194		
<u>Bag loading</u>	4		1,000#	24,088	-	81	80
<u>Shell machining</u>	2		1,000	210*	-	10	78
<u>Smokeless powder</u>	5	2	1,000#	53,200	21,454	365	78
<u>TNT - DNT</u>	10	2	1,000#	110,628	13,900	365	61
<u>Toluol</u>	5	1	Bbls.	152,707	3,467	31	97
<u>Ammonia</u>	8		1,000#	92,160	-	180	40
<u>Ammonium nitrate</u>	4		1,000#	54,000	-	2	-
<u>Ammonium picrate</u>	1		1,000#	2,100	-	12	40
<u>Tetryl and azide</u>	2	1	1,000#	1,702	138	-	-

* Excludes 1 plant.

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

ACCEPTANCES

January acceptances of military aircraft showed an increase of 562 units over December. This increase appeared in the pursuit, service combat and trainer classes. Heavy and medium bomber acceptances decreased slightly due to the failure of Consolidated, Douglas (El Segundo), North American and Martin to equal last month's production. Martin alone fell 60 units behind their December production of medium bombers due primarily to G.F.E. shortages. North American also fell 25 units behind last month's production with shortages of C.F.E. and G.F.E. the principal contributing factors.

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

	Army	Defense Aid	Navy	Britain	Other Foreign	Comm.	Total
Bombers	104	224	54	110	-	-	492
Pursuits	356	214	64	218	10	-	862
Service Combat	124	26	128	-	14	41	333
Trainers	979	111	60	79	101	20	1,350
Total	1,563	575	306	407	125	61	3,037

Two companies, Curtiss (Buffalo) and Vultee (Downey), produced over 300 units this month while Lockheed and North American (Dallas) each produced over 200 units. Over 14 companies are producing over 100 units per month at the present time.

ENGINE PRODUCTION

Engine production rose from 6,370 in December to 7,349 in January. This increase was due primarily to Wright Aeronautical which produced 738 units over the December figure and Pratt & Whitney which gained 176 units. The large increase in Wright production indicated the advent of important deliveries from the new plant at Cincinnati which contributed 474 units to the company's total. Allison is now producing near the plant capacity of approximately 1,000 units.

PROGRAM

The addition of the Fourth Supplemental Program, providing for 39,416 airplanes, raises the total program considered in this report to 84,030. The new program is now incorporated in the tables which follow.

AIRPLANES - MONTHLY ACCEPTANCES - ALL CUSTOMERS - JANUARY 31, 1942

Source of Information: Consolidated Statistical Report - Air Corps

TACTICAL										
	Bomber			Pursuit		Observation	Transport			Total Tactical
	4-Eng	2-Eng	1-Eng	2-Eng	1-Eng		2-Eng	1-Eng Military	1-Eng Comm.*	
'40J	2	112	1	2	159	4a	28b	0	10	318
A	9	70	21	0	151	9	24	5	20	309
S	7	17	24	1	151	16	20	0	77	313
O	15	33	21	2	185	16	21	6	19	318
N	6	71	42	0	251	13	32	0	13	428
D	7	146	17	0	264	0	12	4	33	483
'41J	1	139	29	1	257	27	26	1	41	522
F	13	170	74	1	203	29	41	0	47	578
M	10	200	69	2	221	33	24b	0	45	604
A	27	255	65	4	286	29	27b	1	48	742
M	13	244	57	5	247	33	36b	1	36	672
J	10	276	80	4	220	85	32b	1	29	737
J	2	288	56	23	179	56	28c	3	4	639
A	19	296	39	26	414	116	55	6	2	973
S	32	349	27	12	460	127	39	11	0	1,057
O	42	333	29	3	566	118	31	37	5	1,164
N	55	256	18	74	521	183	19	32	0	1,158
D	94	437	19	54	637	146	30	57	18	1,492
'42J	86	397	9	136	726	194d	50	59	30	1,687

TRAINER							GRAND TOTAL
	Primary	Basic	Advanced		Com-mercial	Total Trainer	
			2-Eng	1-Eng			
'40J	114	103	0	27	3	247	565
A	134	84	0	26	36	280	589
S	181	55	0	45	77	358	671
O	192	41	3	70	106	412	730
N	159	67	2	101	27	356	784
D	171	25	7	187	27	417	900
'41J	310	69	5	147	46	577	1,099
F	202	15	18	196	20	451	1,029
M	274	84	32	206	27	623	1,227
A	335	125	46	196	12	714	1,456
M	281	136	55	233	11	716	1,388
J	385	154	63	177	17	796	1,533
J	386	198	78	147	7	816	1,455
A	396	192	63	236	10	897	1,870
S	369	215	117	165	8	874	1,931
O	460	257	134	273	6	1,130	2,294
N	411	233	120	211	6	981	2,139
D	452	163	123	227	18	983	2,475
'42J	468	327	206	329	20	1,350	3,037

(a) Includes 1 Reconnaissance

(c) Includes 2 Transport 4-Engine

(b) Includes 1 Transport 4-Engine

(d) Includes 93 Liaison

*Light Commercial

TABLE SUMMARY - ARMY AIR CORPS CURRENT PROCUREMENT - JANUARY 31, 1942

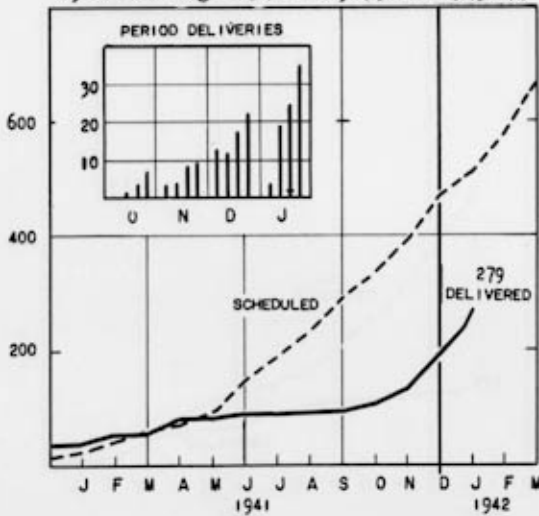
Source of Information: Consolidated Statistical Report - Air Corps

Item	Army program			Under contract		Delivered 1-31-42 (b)	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Number	% of program		Prior to Fourth Supp.	Fourth Supp.
<u>Project airplanes</u>								
Heavy bomber	2,246	12,593	14,839	8,376	56	279	200	6,263
Medium bomber	4,615	600	5,215	4,615	88	491	-	600
Light bomber	1,882	3,568	5,450	1,900	35	253	150	3,400
Pursuit fighter	23	510	533	173	32	10	-	360
Pur. inter., 2-eng.	686	2,800	3,486	1,686	48	301	-	1,800
Pur. inter., 1-eng.	4,394	13,750	18,144	14,044	77	2,205	100	4,000
Observation	533	80	613	613	100	554	-	-
Transport	1,118	2,523	3,641	2,483	68	146	-	1,158
Amphibian	74	5	79	76	96	2	3	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,588	36,429	52,017	33,983	65	4,255	453	17,581
Primary trainer	5,490	5,650	11,140	5,940	53	3,927	-	5,200
Basic trainer	5,051	3,100	8,151	6,151	75	2,639	-	2,000
Adv. trainer, 1-eng.	3,267	1,960	5,227	3,627	69	1,279	-	1,600
Adv. trainer, 2-eng.	2,632	4,863	7,495	3,682	49	425	100	3,713
Total Trainer	16,440	15,573	32,013	19,400	61	8,270	100	12,513
Grand Total	32,028	52,002	84,030	53,383	64	12,525	553	30,094
<u>Installation engines</u>								
Heavy bomber	8,984	50,372	59,356	20,104	34	3,284	1,600	37,652
Medium bomber	9,230	1,200	10,430	9,650(c)	93	2,329	-	1,200
Light bomber	3,576	3,568	7,144	3,744	52	1,523	-	3,400
Pursuit fighter	46	1,020	1,066	346	32	20	-	720
Pur. inter., 2-eng.	1,372	5,600	6,972	3,372	48	1,373	-	3,600
Pur. inter., 1-eng.	4,394	13,750	18,144	8,994	50	2,409	100	9,050
Observation	533	80	613	613	100	613	-	-
Transport	2,358	5,406	7,764	2,784	36	979	60	4,920
Amphibian	148	6	154	151	98	127	3	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,675	81,002	111,677	49,792	45	12,691	1,763	60,542
Primary trainer	5,490	5,650	11,140	5,940	53	4,361	-	5,200
Basic trainer	5,051	3,100	8,151	6,151	75	3,058	-	2,000
Adv. trainer, 1-eng.	3,267	1,960	5,227	3,627	69	2,267	-	1,600
Adv. trainer, 2-eng.	5,264	9,726	14,990	6,381	43	2,801	1,183	7,426
Total Trainer	19,072	20,436	39,508	22,099	56	12,487	1,183	16,226
Grand Total	49,747	101,438	151,185	71,891(c)	48	25,178	2,946	76,768

- (a) Includes project airplane contracts incomplete June 30, 1940 with their matching installation engine contracts.
 (b) Engine deliveries reflect new production, assignments from stock pools, and transfers between installation and spare categories.
 (c) Amount under contract exceeds installation requirement.

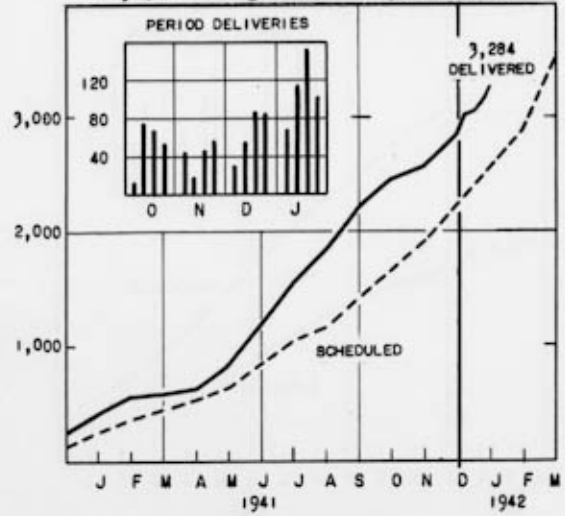
ARMY PROJECT AIRPLANES

8,376 HEAVY BOMBER
2,081 through 1942 - 6,295 in 1943-44

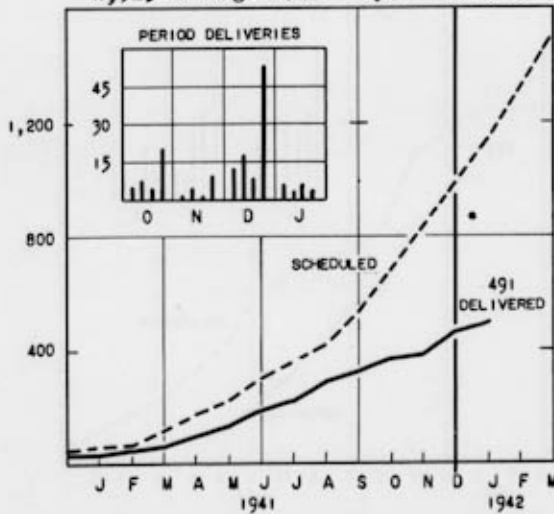


ARMY INSTALLATION ENGINES

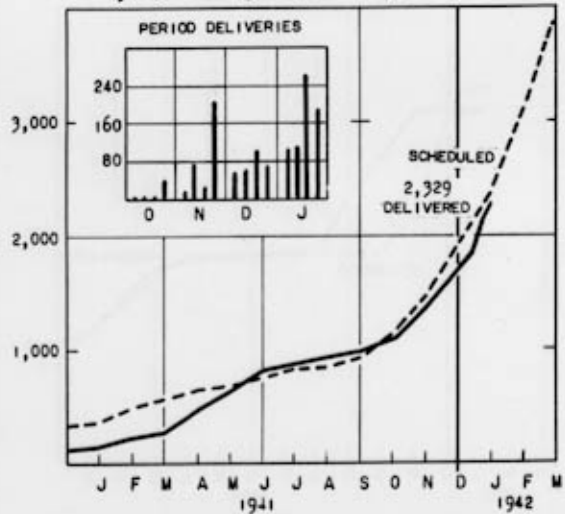
20,104 HEAVY BOMBER
12,456 through 1942 - 7,648 in 1943



4,615 MEDIUM BOMBER
2,915 through 1942 - 1,700 in 1943

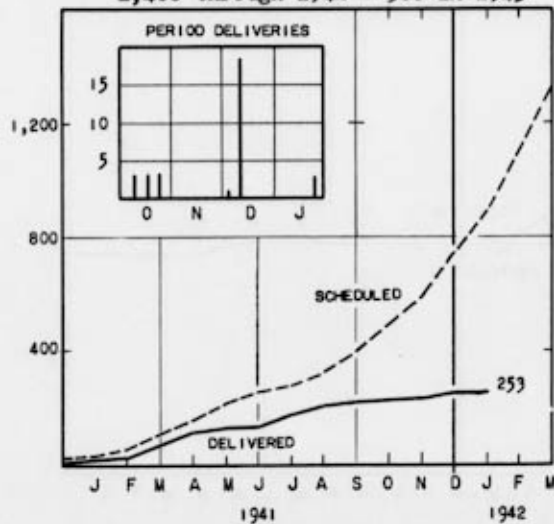


9,650 MEDIUM BOMBER
7,703 through 1942 - 1,947 in 1943



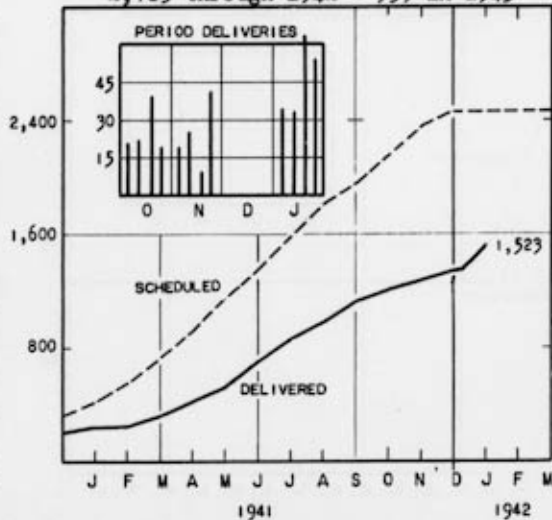
ARMY PROJECT AIRPLANES

1,900 LIGHT BOMBER
1,400 through 1942 - 500 in 1943

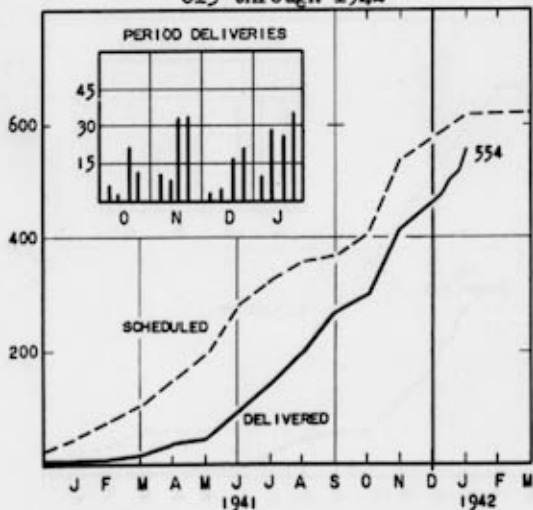


ARMY INSTALLATION ENGINES

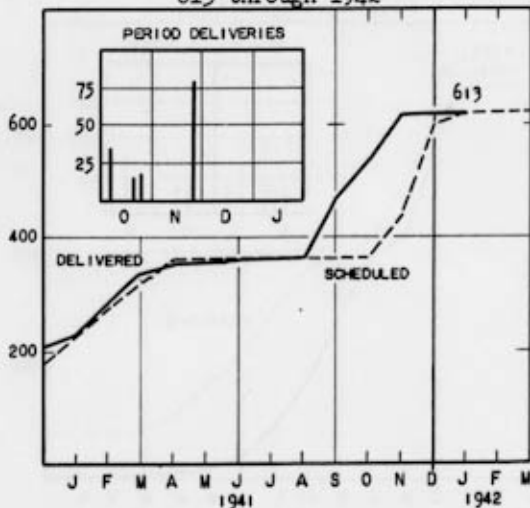
3,744 LIGHT BOMBER
2,785 through 1942 - 959 in 1943



613 OBSERVATION
613 through 1942

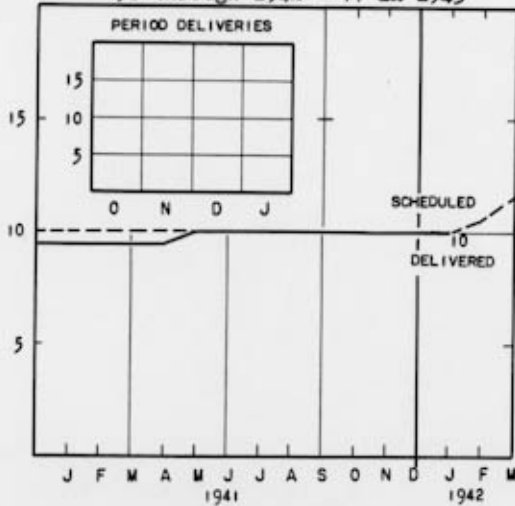


613 OBSERVATION
613 through 1942



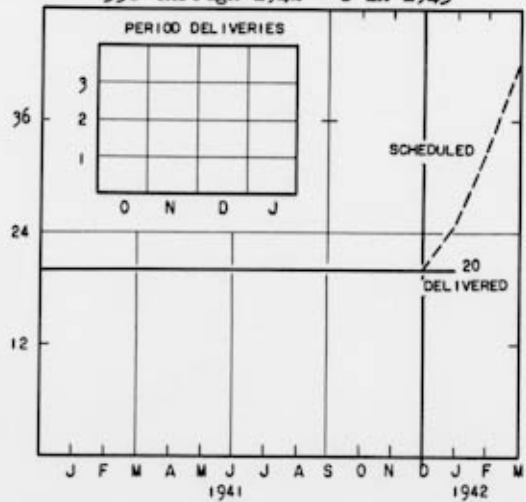
ARMY PROJECT AIRPLANES

173 PURSUIT FIGHTER
96 through 1942 - 77 in 1943

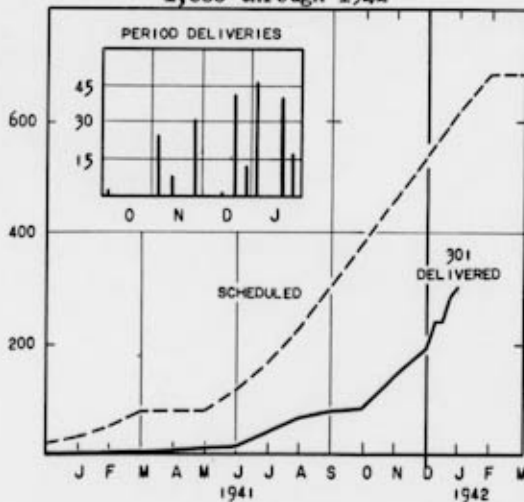


ARMY INSTALLATION ENGINES

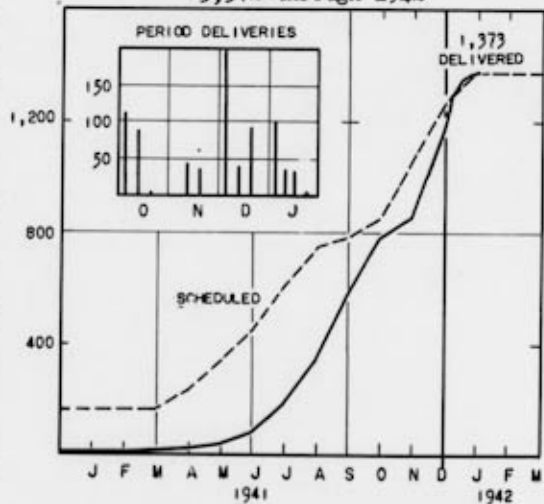
346 PURSUIT FIGHTER
338 through 1942 - 8 in 1943



1,686 PURSUIT INTER., 2 ENG.
1,686 through 1942

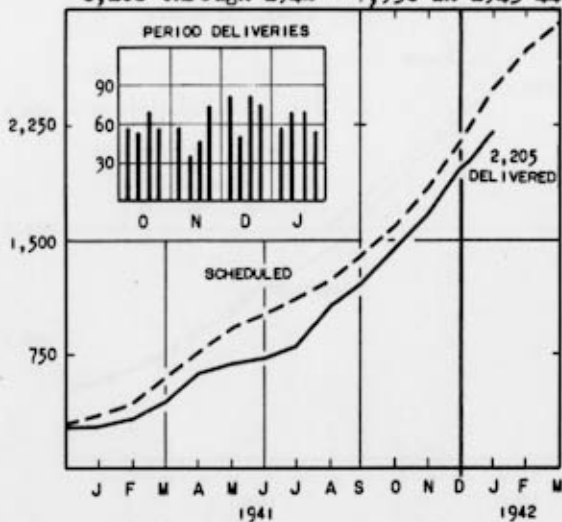


3,372 PURSUIT INTER., 2 ENG.
3,372 through 1942



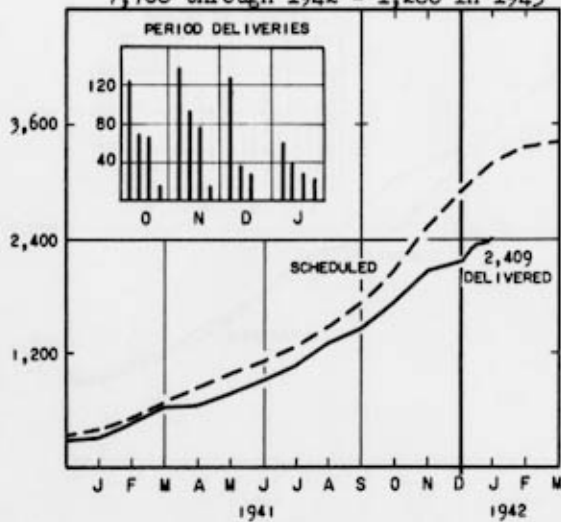
ARMY PROJECT AIRPLANES

14,044 PURSUIT INTER., 1 ENG.
6,108 through 1942 - 7,936 in 1943-44

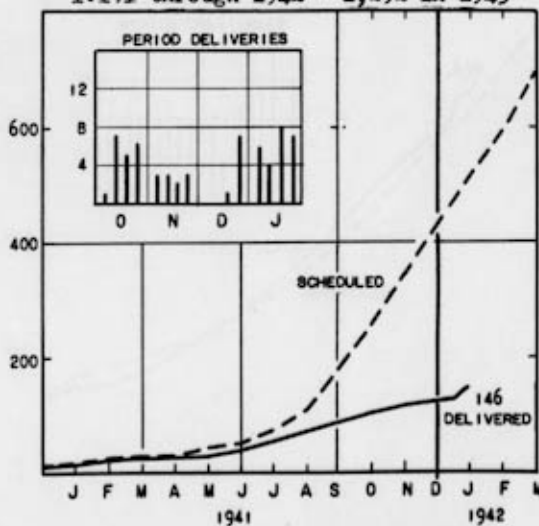


ARMY INSTALLATION ENGINES

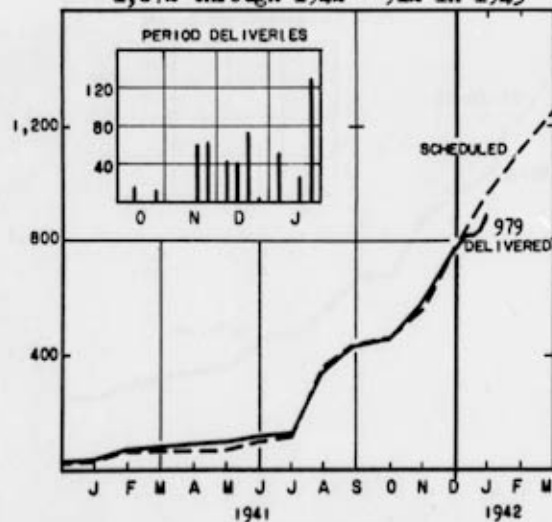
8,994 PURSUIT INTER., 1 ENG.
7,708 through 1942 - 1,286 in 1943



2,483 TRANSPORT
1,191 through 1942 - 1,292 in 1943

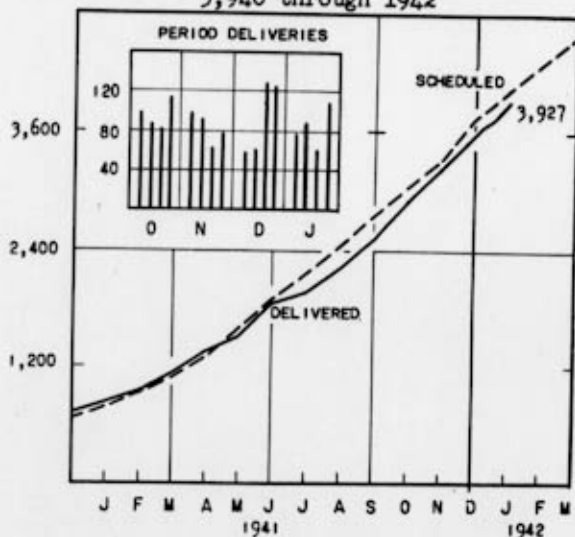


2,784 TRANSPORT
1,872 through 1942 - 912 in 1943



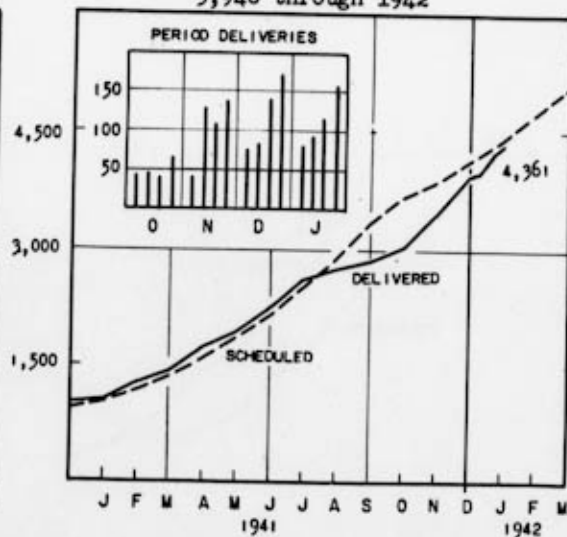
ARMY PROJECT AIRPLANES

5,940 PRIMARY TRAINER
5,940 through 1942

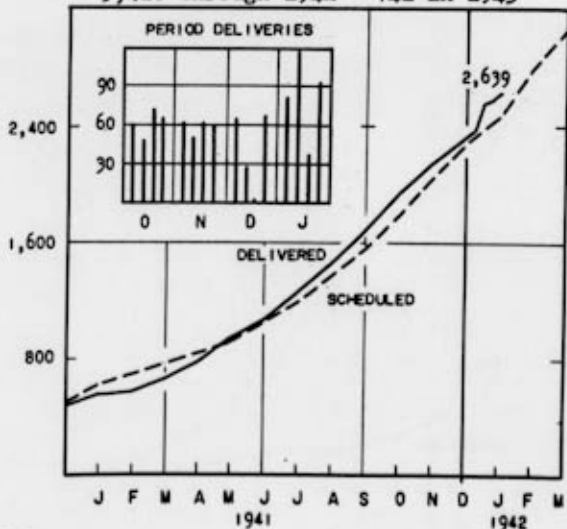


ARMY INSTALLATION ENGINES

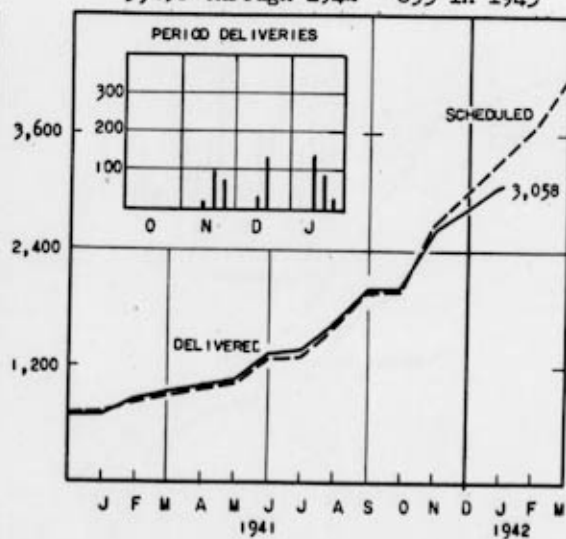
5,940 PRIMARY TRAINER
5,940 through 1942



6,151 BASIC TRAINER
5,410 through 1942 - 741 in 1943

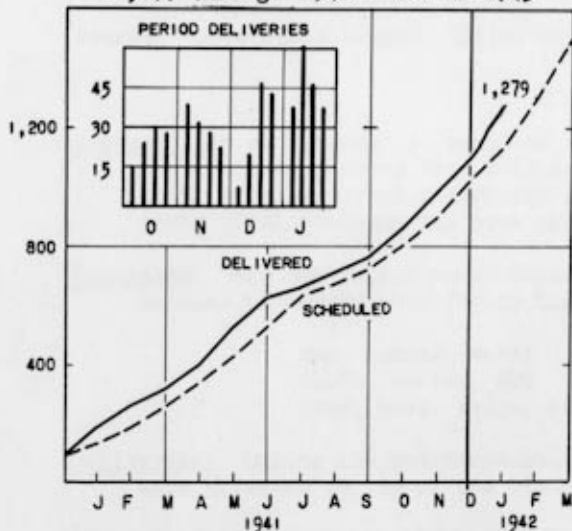


6,151 BASIC TRAINER
5,298 through 1942 - 853 in 1943



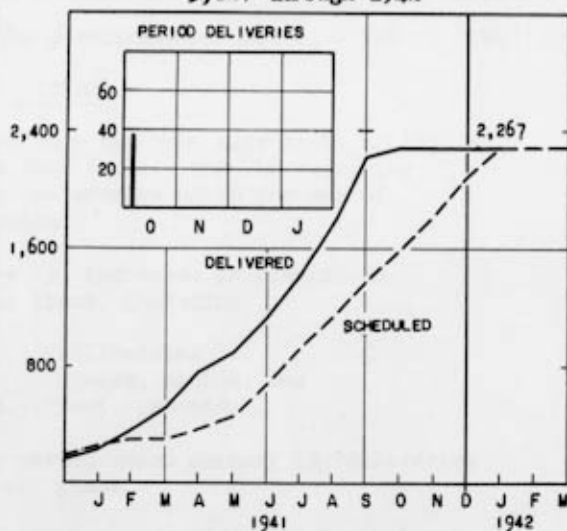
ARMY PROJECT AIRPLANES

3,627 ADVANCE TRAINER, 1 ENGINE
2,799 through 1942 - 828 in 1943

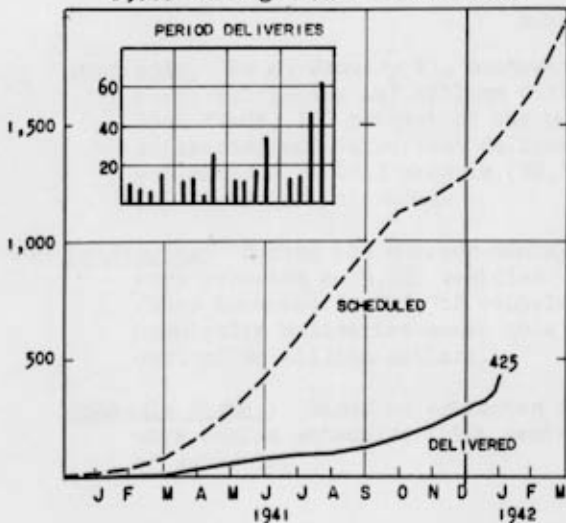


ARMY INSTALLATION ENGINES

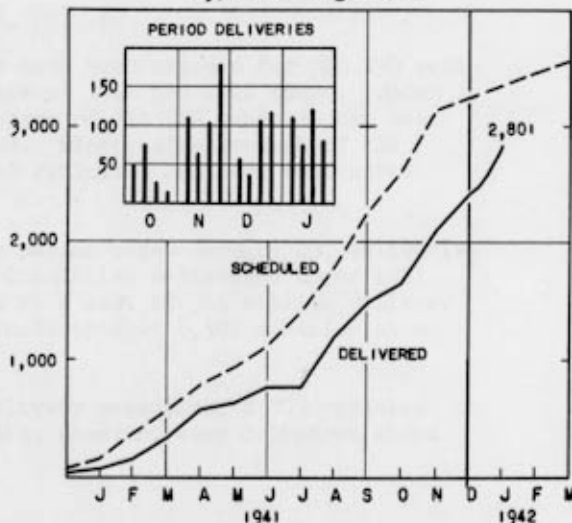
3,627 ADVANCE TRAINER, 1 ENGINE
3,627 through 1942



3,682 ADVANCE TRAINER, 2 ENGINE
3,593 through 1942 - 89 in 1943



6,381 ADVANCE TRAINER, 2 ENGINE
6,381 through 1942



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

Source: Statistics Branch, Office of the Quartermaster General - Feb. 5, 1942

BASIC ITEMS

General: As of January 15, complete delivery has been made on 15 of 183 basic items procured from 1941 and 1942 funds. The 168 remaining items are 91 percent contracted and an average of 56 percent of their total programs has been procured.

Contracts: For the period ended January 15, increases in contracted amounts were indicated for 16 basic items, including:

Bag, canvas, water	Pillowcases
Cloth, cotton, HBT	Sheets, cotton, bed
Coat, wool, serge, o.d.	Tent, pyramidal

Deliveries: During the quarter-monthly period ended January 15, deliveries were effected on 120 of the 183 basic items.

Schedule Status: Of the 183 basic items being procured from F.Y. 1941 and 1942 funds, 64 are behind schedule; however, only 25 are more than 10 percent behind schedule.

MOTOR VEHICLES

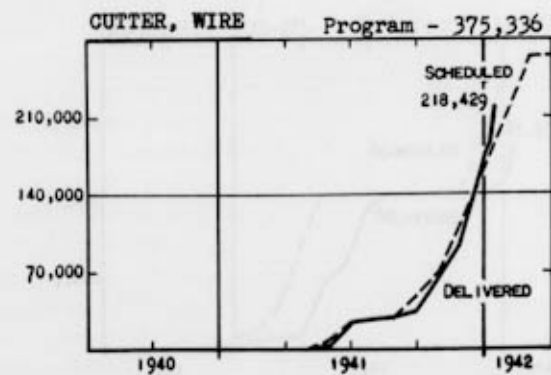
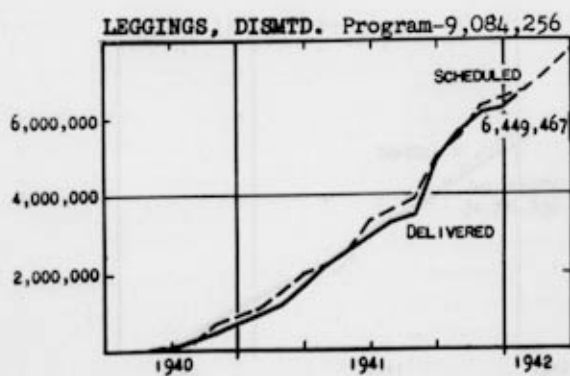
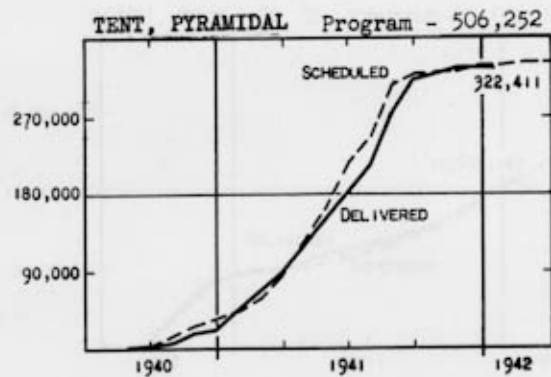
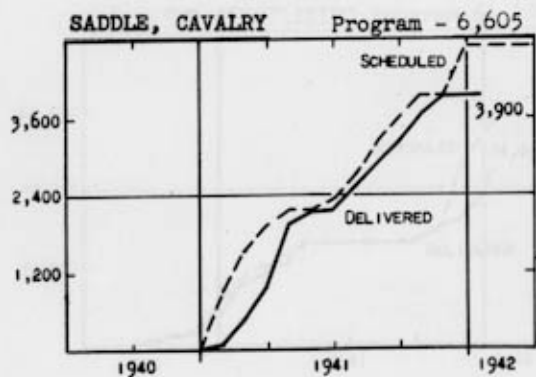
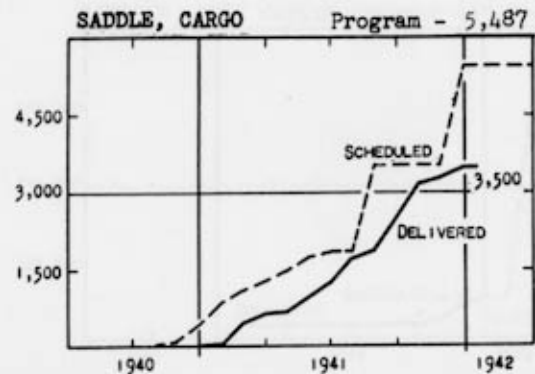
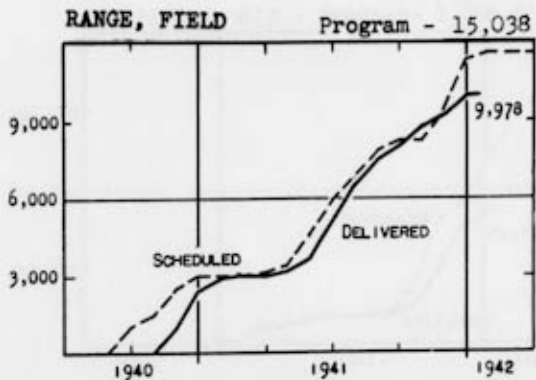
Contracts: As of January 23, contracts have been awarded for 320,290 vehicles, obligating 441 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of the program of 241,728 vehicles has been contracted and 94 percent delivered. Ninety-nine percent of the estimated F.Y. 1942 program (79,342 vehicles) has been contracted and 8 percent delivered.

Deliveries: During the quarter-monthly period ended January 23, deliveries were reported on 5,286 vehicles. Cumulative deliveries under 1941 funds amounted to 228,362 vehicles at a cost of 314 million dollars. Cumulative deliveries under 1942 funds totaled 6,501 vehicles at a cost of 8½ million dollars.

Schedule Status: Based on estimated delivery schedules, 8,805 vehicles were behind schedule; 1,924 vehicles, however, were delivered ahead of schedule.

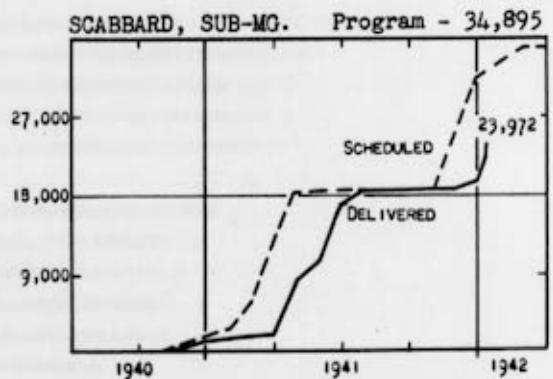
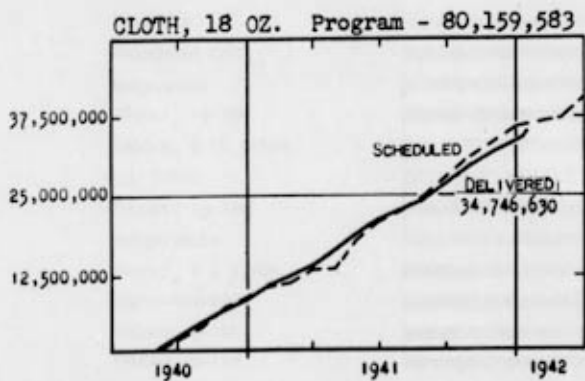
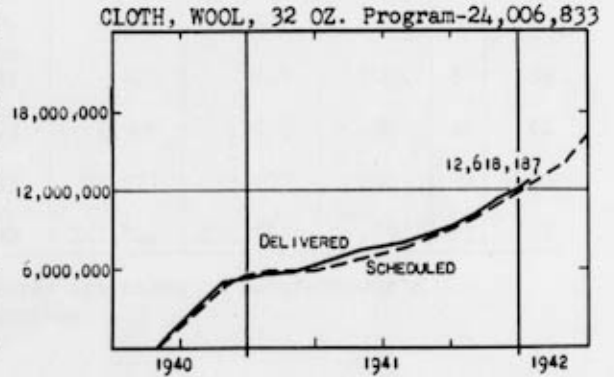
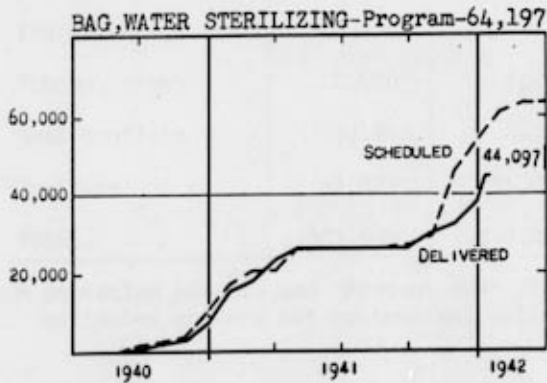
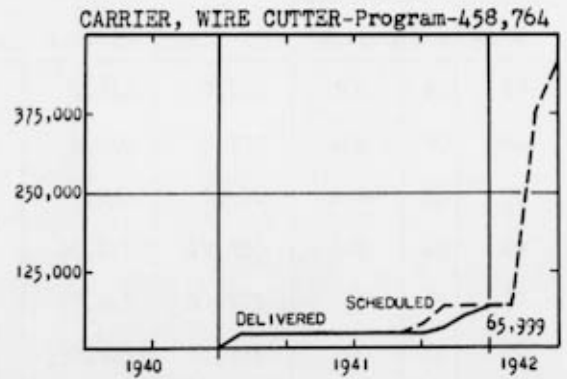
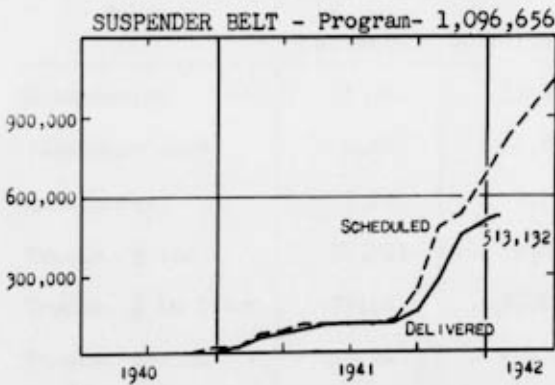
C.M.C. - PROCUREMENT OF SELECTED BASIC ITEMS - F.Y. 1941 & 1942 - January 15, 1942

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



Q.M.C. - PROCUREMENT OF SELECTED BASIC ITEMS - F.Y. 1941 & 1942 - JANUARY 15, 1942

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

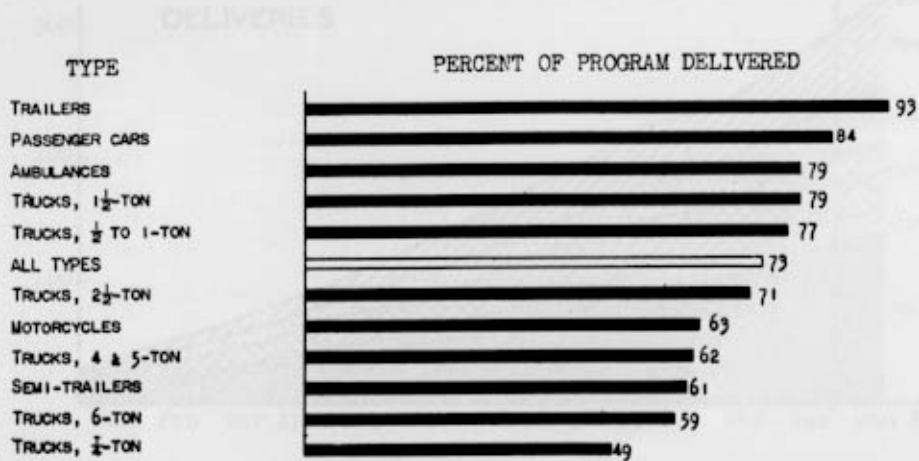


TABULAR SUMMARY - QUARTERMASTER CORPS - MOTOR VEHICLE PROCUREMENT - F.Y. 1941 & 1942

Source: Statistics Branch, Office of the Quartermaster General - Jan. 23, 1942

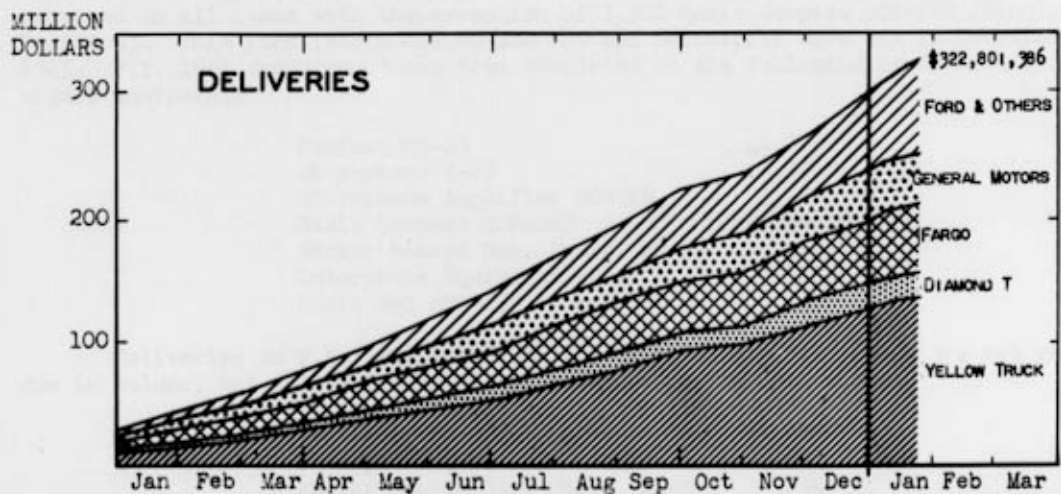
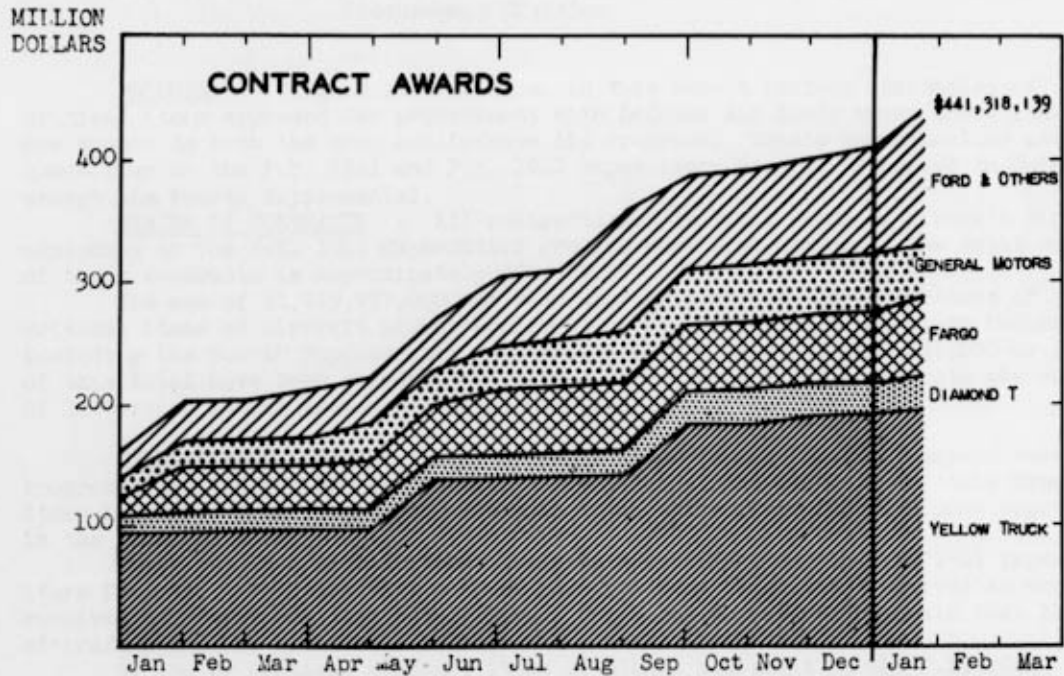
Type	Procurement program (Estimated)	Contracted (Delivered & undelivered)	Scheduled for * Jan. 23	Delivered through Jan. 23	Percent of program		
					Con-tracted	Due	Deliv-ered
Motorcycles	11,368	11,368	9,343	7,152	100	82	63
Passenger cars	6,829	6,829	6,149	5,735	100	90	84
Ambulances	7,195	7,195	5,834	5,671	100	81	79
Trucks, ¼-ton	39,293	39,293	18,211	19,216	100	46	49
Trucks, ½ to 1-ton	73,483	73,465	57,447	56,905	99	78	77
Trucks, 1½-ton	45,790	45,790	38,505	36,594	100	84	80
Trucks, 2½-ton	86,028	85,652	63,779	60,985	99	74	71
Trucks, 4 & 5-ton	10,976	10,976	6,960	6,820	100	63	62
Trucks, 6-ton	1,099	1,099	629	649	100	57	59
Semi-trailers	3,186	2,800	1,906	1,959	88	60	61
Trailers	35,823	35,823	32,981	33,177	100	92	93
TOTAL	321,070	320,290	241,744	234,863	99	75	73

* Scheduled amounts and "Percent due" figures are based on manufacturer's estimates and are not contractual obligations.



MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F. Y. 1941 and 1942 Funds

Source: Statistics Branch, Office of the Quartermaster General - January 23, 1942



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT - JANUARY 31, 1942

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

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

STATUS OF CONTRACTS - All contracts for critical items of aircraft signal equipment on the F.Y. 1941 Expenditure Program have been awarded. The total value of these contracts is approximately \$90,789,000.

The sum of \$1,019,797,000 has been appropriated for the procurement of critical items of aircraft signal equipment on all F.Y. 1942 Expenditure Programs including the Fourth Supplemental. Contracts with a value of \$569,451,000 or 55.8% of this total have been awarded. Of this figure \$386,714,000 represents the value of letters of intent issued by the Signal Corps.

DELIVERIES - Deliveries of aircraft items on the F.Y. 1941 Expenditure Program total \$25,536,000 or 28.1% of the total contract awards under this Expenditure Program. This figure compares with total deliveries of \$22,975,000 reported in the previous week.

There are 15 critical items of aircraft equipment on the F.Y. 1941 Expenditure Program, the contracts for which have not been completed. Deliveries were received on 7 of these last week. Signal Corps status reports indicate that 11 aircraft items are ahead of schedules and 4 items are behind.

Of the 22 critical aircraft items of signal equipment on the F.Y. 1941 Expenditure Program, procurement for 7 has been completed and deliveries have been received on all items with the exception of 1,500 Radio Compass SCR-269 (Single Position). This item is a modified SCR-269 and deliveries were due in December, 1941. F.Y. 1941 procurement has been completed on the following items of aircraft signal equipment:

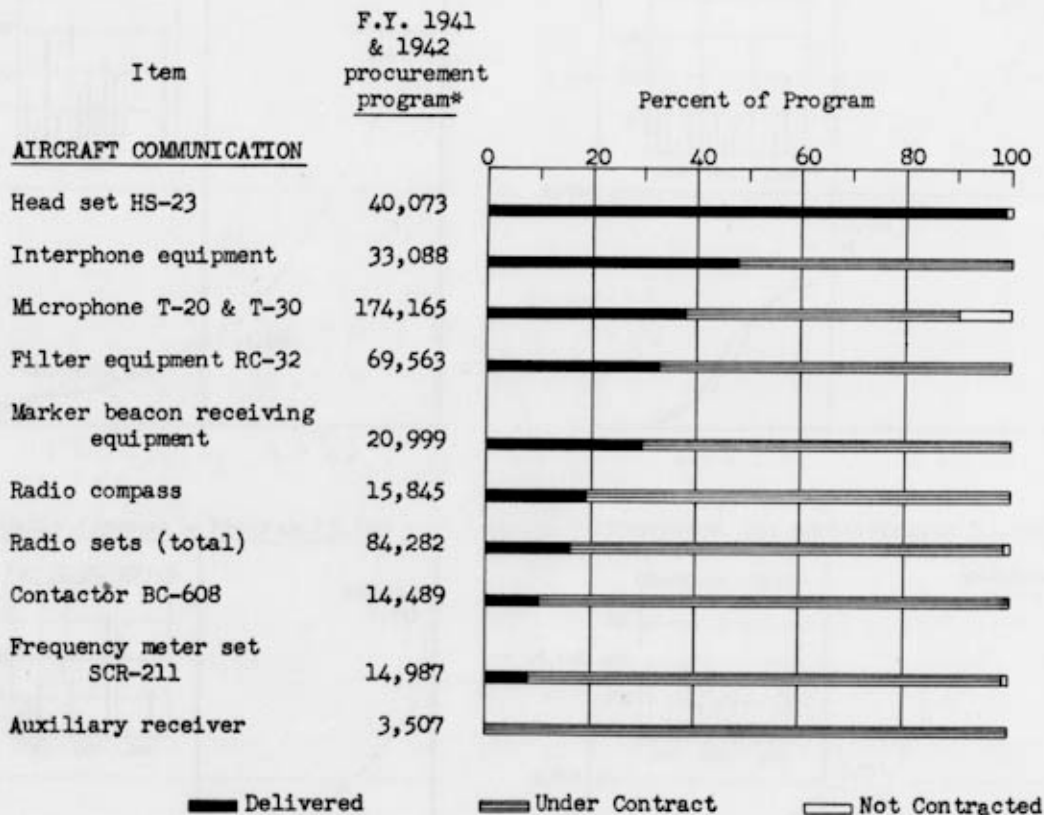
Headset HS-23	42,000
Microphone T-20	4,500
Microphone Amplifier BC-216	3,000
Radio Compass SCR-263	700
Marker Beacon Rec. Equip. RC-39	613
Interphone Equipment RC-45	413
Radio Set SCR-238	85

Deliveries on F.Y. 1942 contracts for critical aircraft items are not yet due in volume, but deliveries have been received on the following:

Contactor BC-608	1,489
Microphone T-30	650
Marker Beacon Rec. Equip. RC-39	96

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - JANUARY 31, 1942

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

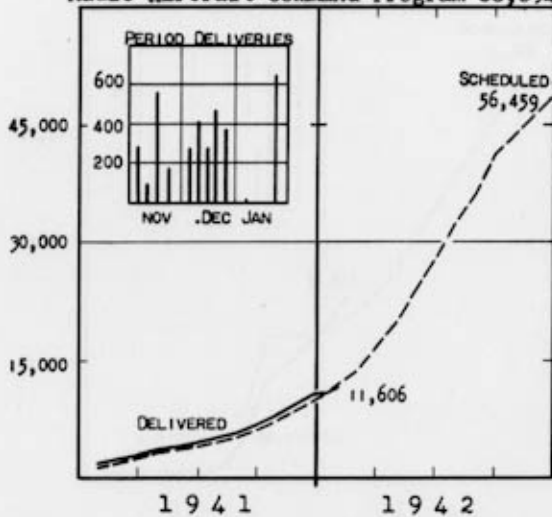


* Quantities in excess of program include procurement for other Services and quantities which are component parts of other critical items.

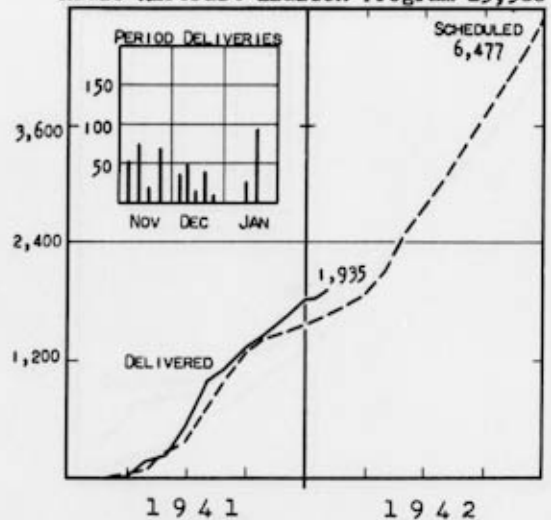
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
JANUARY 31, 1942

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

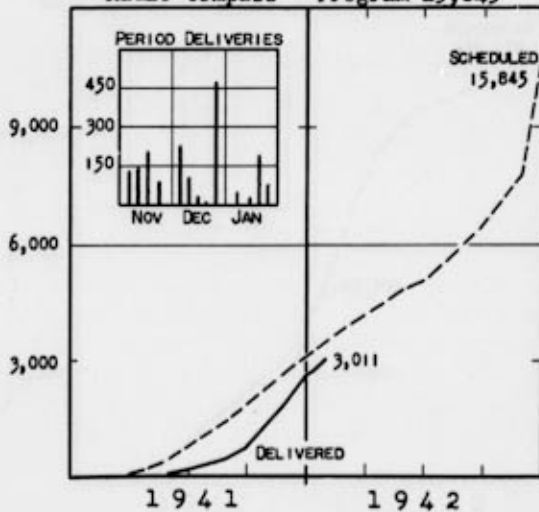
Radio Aircraft Command-Program 68,694



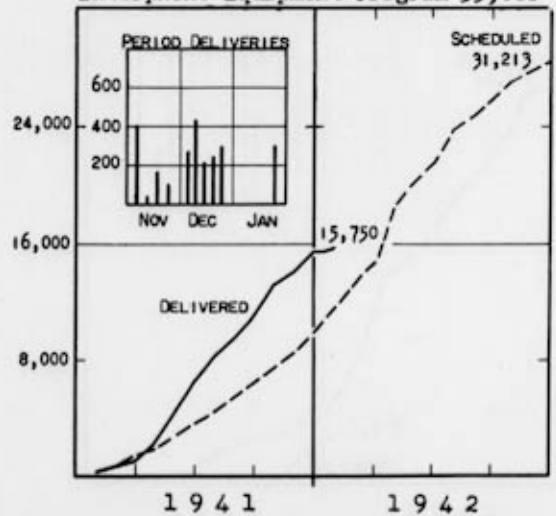
Radio Aircraft Liaison-Program 15,588



Radio Compass - Program 15,845



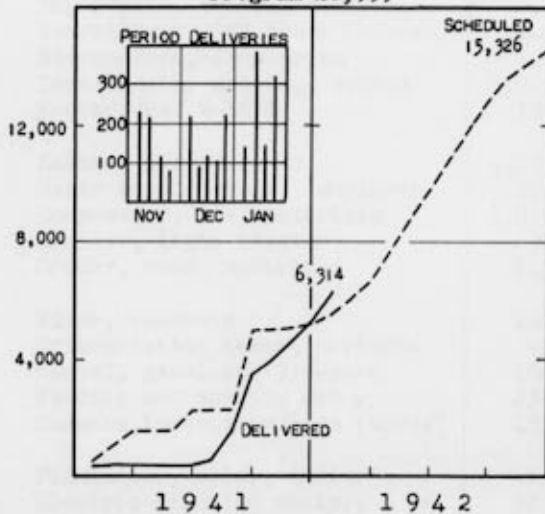
Interphone Equipment-Program 33,088



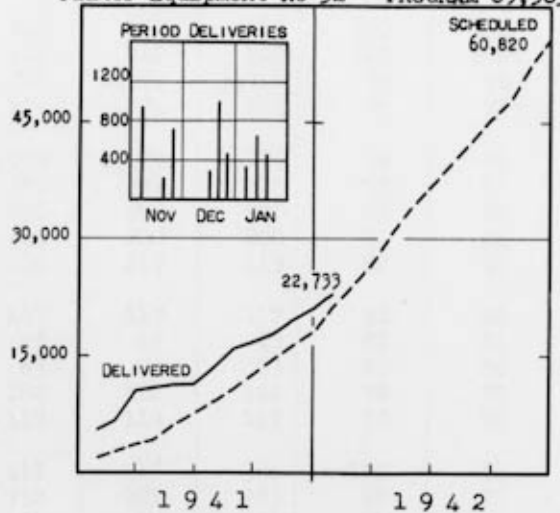
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT
JANUARY 31, 1942

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

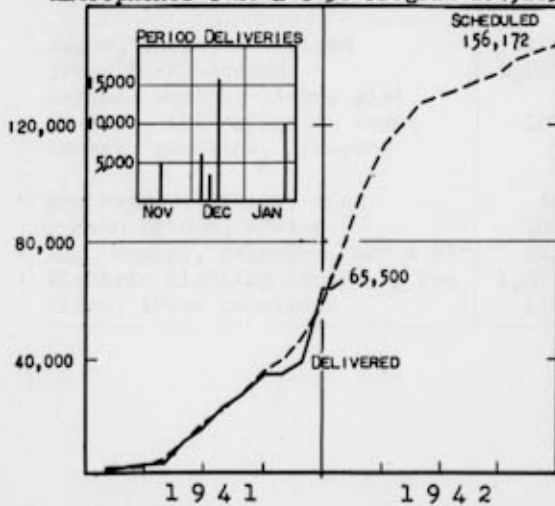
Marker Beacon Receiving Equipment
 Program 20,999



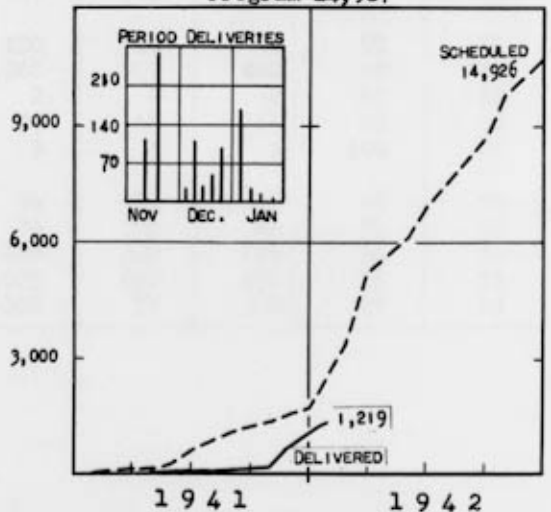
Filter Equipment RC-32 - PROGRAM 69,563



Microphones T-20 & T-30-Program 174,165



Frequency Meter Set SCR-211
 Program 14,987



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

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

STATUS OF SELECTED ITEMS

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Jan. 31	Contracted	Delivered
Map reprod. equip., C. A. Hqs.	4	4	4	4	100	100
Searchlight, 18" beach defense	160	160	160	160	100	100
Stereoscope, lens-prism	142	142	142	142	100	100
Instruments, drawing, office	3,702	3,701	3,701	3,701	99	99
Footbridge, M-1938	187	174	174	174	93	93
Hammer, gas-operated	1,173	1,079	1,079	1,079	92	92
Water supply equip., engineer	631	580	572	572	92	91
Compressor, air, motorized	1,016	890	890	890	88	88
Trailer, light tractor	238	200	200	200	84	84
Grader, road, motorized	145	119	119	119	82	82
Mixer, concrete	142	117	117	117	82	82
Triangulation tower, portable	53	43	43	43	81	81
Shovel, gasoline, 3/8-yard	104	83	83	83	80	80
Welding and cutting set	232	182	182	182	78	78
Compass, lensatic, w/case (thous)	153	119	119	117	78	76
Planimeter, polar, Amsler's	413	413	413	304	100	74
Electric lighting equip., 5 kw	381	352	283	283	92	74
Ponton bridge, 10-ton	109	81	81	81	74	74
Tractor, medium, w/angledozer	737	547	547	547	74	74
Bridge, steel, port., H-10	171	129	113	125	75	73
Auger, earth, motorized	103	100	68	73	97	71
Transit, 20-second	1,282	1,260	747	888	98	69
Reprod. equip., litho. plat.	3	2	2	2	67	67
Trailer, triangulation tower	107	86	66	66	80	62
Shovel, gasoline, 3/4-yard	5	5	3	3	100	60
Map reprod. equip., mtzd.	54	34	32	32	63	59
Ponton bridge, 25-ton	107	76	76	61	71	57
Dup. equip., gelatine, 22" x 33"	422	229	229	229	54	54
Electric lighting equip., 3 kva	1,071	1,025	831	571	96	53
Crane, truck mounted	118	100	77	62	85	53

TABULAR SUMMARY - CORPS OF ENGINEERS -- (Continued)

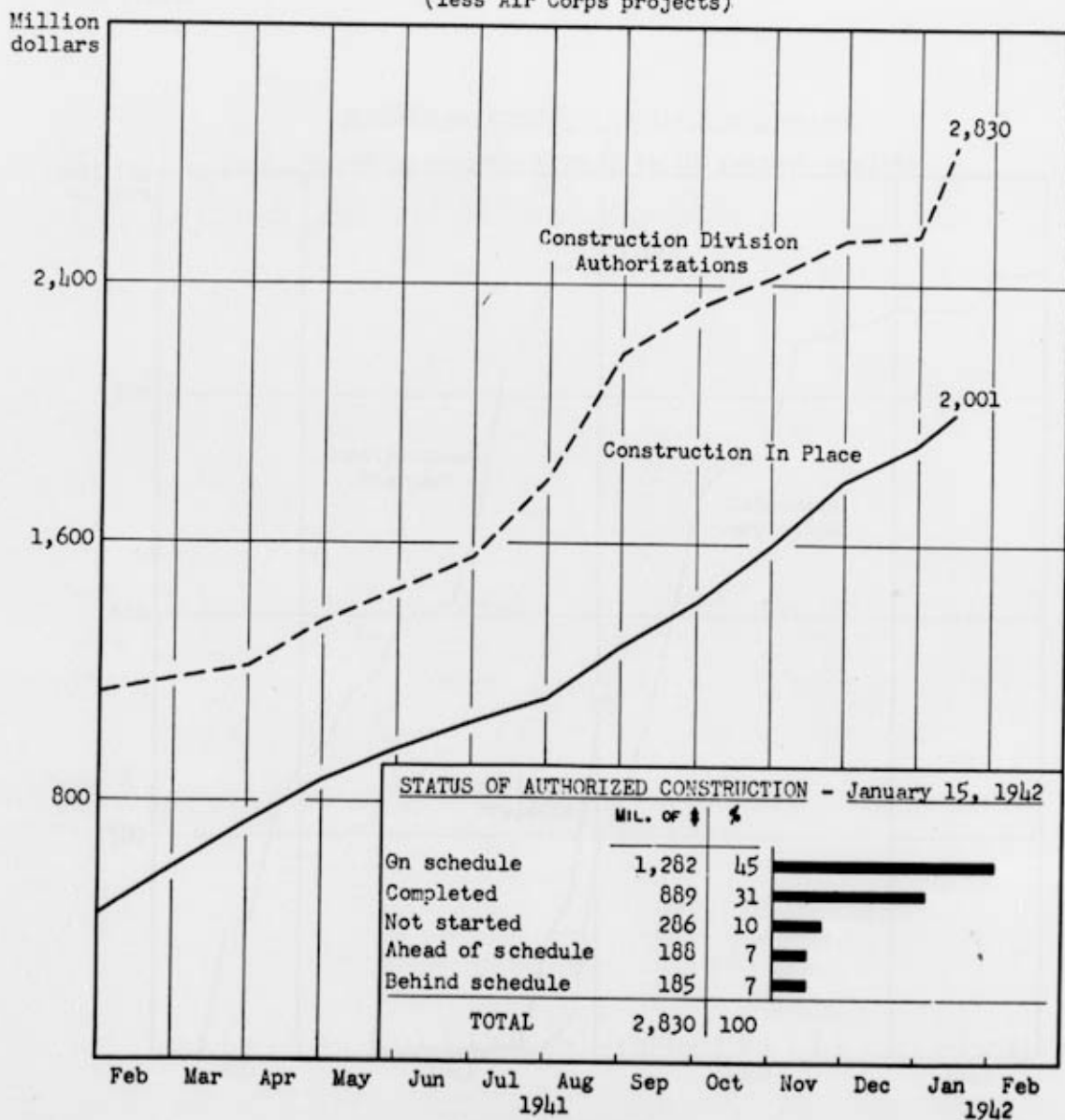
STATUS OF SELECTED ITEMS

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Jan. 31	Contracted	Delivered
Transit, 1-minute	1,242	1,212	841	610	98	49
Stereoscope, mirror, w/bin.	4,242	3,975	3,025	2,031	94	48
Water purification unit, mobile	117	103	60	56	88	48
Special equipment, aviation	36	31	17	17	86	47
Searchlight, 60" AA	4,039	2,261	1,989	1,899	56	47
Camera, copying, motorized	33	24	15	15	73	45
Trailer for medium tractor	1,386	609	609	609	44	44
Shovel, gasoline, 1/2-yard	218	191	101	91	88	42
Special equipment, road const.	5	5	2	2	100	40
Trailer, searchlight	8,498	3,800	3,800	3,102	45	37
Mobile reproduction train	3	2	1	1	67	33
Stereocomparagraph equipment	188	187	57	57	99	30
Bridge, steel, port., H-20	68	62	15	15	91	22
Instruments, drawing, field	7,882	7,580	1,642	1,642	96	21
Water supply equip., supply bn.	10	8	2	2	80	20
Special equipment, shop co.	8	8	1	1	100	13
Theodolite	297	22	22	22	7	7
Boat, power, with trailer	75	62	3	3	83	4
Searchlight, 24" beach defense	126	126	75	0	100	0
Explosive, ammonium nitrate (tons)	1,470	1,155	0	0	79	0
Multiplex projection equipment	3	3	0	0	100	0
Dup. equip., gelatine, 18" x 18"	581	0	0	0	0	0
Ferry, portable, 30-ton	15	0	0	0	0	0
Saw, timber, gas operated	1,821	0	0	0	0	0
Semi-trailer, 1500-gal. water	112	0	0	0	0	0
Semi-trailer, flat, 20-ton	17	0	0	0	0	0
Explosive, TNT	Being procured by Ordnance Department					

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - January 15, 1942

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

CUMULATIVE MILITARY CONSTRUCTION DATA
(less Air Corps projects)



	MIL. OF \$	%	
On schedule	1,282	45	████████████████████
Completed	889	31	████████████████
Not started	286	10	██████████
Ahead of schedule	188	7	██████
Behind schedule	185	7	██████
TOTAL	2,830	100	

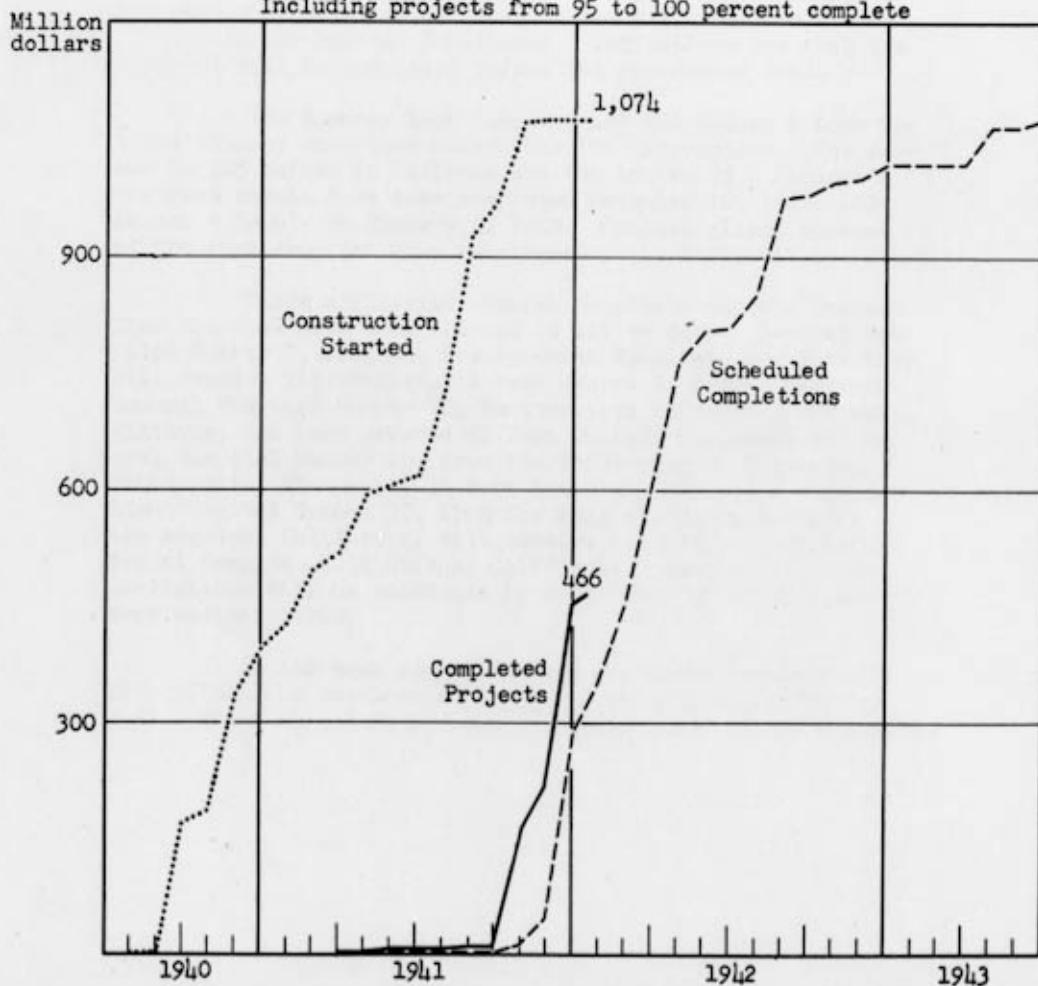
CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - JANUARY 15, 1942

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

Ordnance Mfg. Plants include new plants constructed or under construction for the manufacture of the following types of ordnance materials: Shell and Bag Loading Plants; TNT, DNT and Tetryl Plants; Smokeless Powder; Anhydrous Ammonia Plants; Small Arms Ammunition; Tank Arsenals; Armor Plate and Piercing Core Plants.

SCHEDULE OF COMPLETED ORDNANCE MFG. PLANTS

Including projects from 95 to 100 percent complete



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED FEBRUARY 7, 1942

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

The MacGregor Instrument Company, Needham, Massachusetts, an importer of surgical needles of English manufacture, has made a substantial delivery of several types, on a contract with the Medical Department. Indications are that the contract will be completed before its expiration date.

The Spencer Lens Company, and the Bausch & Lomb Optical Company each have orders for 175 microscopes. The former is 125 behind in delivery and the latter 25. Spencer's contract should have been completed December 10, 1941, and Bausch & Lomb's on January 9, 1942. Optical glass, because of the vast Army and Navy requirements, is difficult to obtain.

Three affiliated General Hospitals and one Evacuation Hospital have been ordered to active duty. General Hospital Number 2, from the Presbyterian Hospital, New York City, will receive its training at Fort George G. Meade, Maryland. General Hospital Number 12, Northwestern University, Chicago, Illinois, has been ordered to Fort Custer, Michigan; and General Hospital Number 26, from the University of Minnesota, Minneapolis, Minnesota, to Fort Snelling, Minnesota. Evacuation Hospital Number 73, from Los Angeles County Hospital, Los Angeles, California, will receive its preliminary training at Camp San Luis Obispo, California. Each of these organizations will be commanded by an officer of the Regular Army Medical Corps.

In the week ending January 29, the percentage of sick within the continental limits of the United States was 3.86. There were 3.61 percent in hospital and .25 in quarters.

MEDICAL DEPARTMENT - PROCUREMENT STATUS, SELECTED ITEMS - JANUARY 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	F.Y. 1941 and 1942 Procure- ment program	Con- tracted thru 1-23	Deliv- ered thru 1-23	Percent of Program		
				Con- tracted	Due	Deliv- ered
<u>Equipment</u>						
Microscope*	402	351	201	87	87	50
Colorimeter, Duboscq*	170	160	68	94	88	40
Phorometer*	402	90	67	22	9	17
Bed, folding	25,000	25,000	25,000	100	100	100
Bed, hospital	22,790	22,790	21,540	100	96	95
Bed, adjustable	30,927	30,927	21,925	100	72	71
Mattress, cotton	175,515	123,515	123,065	70	70	70
Mattress, inner spring	39,241	37,780	26,991	96	77	69
Basic instrument set case, empty	3,200	3,200	3,200	100	100	100
Splint set case, empty	7,000	5,000	5,000	71	71	71
Splint, strap	40,664	20,664	20,664	51	51	51
Autoclave, lab., field	50	50	50	100	100	100
Sterilizer, hospital, instrument	176	153	139	87	83	79
Table, urological*	186	177	5	95	19	3
Cassette, changer, stereo., upright*	294	276	4	94	6	1
Carrier, field, collapsible	2,250	2,250	2,250	100	100	100
Litter, aluminum pole	27,395	27,395	25,711	100	93	94
Litter, folding*	100	100	45	100	50	45
Anesthesia apparatus, nit. oxide*	37	25	25	68	68	68
Lamp, therapeutic, mercury arc*	15	9	6	60	60	40
Unit, operating, dental*	532	108	8	20	20	2
Chair, dental, field*	250	0	0	0	0	0

*Includes 1942 program only.

TEXT SUMMARY - C. W. S. - STATUS JANUARY 30, 1942

Source of Information: Chemical Warfare Service Progress Reports

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

GAS MASKS: Service Mask assemblies reported this week total 51,945 units, as compared with 38,916 units reported the previous week. Edgewood Arsenal reports an assembly of 42,890 Diaphragm Masks. There were only 6,695 Training Masks assembled during the same period.

A delivery of 47,457 extra Service Canisters was reported. Johnson and Johnson delivered 32,700 of this number, while Firestone reported 7,034, and Goodyear 7,723 units.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 160.8 tons. There were also 250 tons of Screening Smoke (F.S.); 15,150 Smoke Pots, and 2,574 Livens Projector Shells delivered during the same period.

PROTECTIVE AGENTS: Deliveries of 73 tons of Demustardizing Bleach; 9.9 tons of High Test Bleach, and 32.3 tons of Impregnite "I" were reported. There were also 1,388,272 eight-ounce tubes of Shoe Impregnite, and 237.9 tons of Impregnite Solvents delivered.

INCENDIARY BOMBS: There were 43,733 four-pound substitute bombs delivered during this report period. Unexcelled Manufacturing Company delivered 6,000 of this number, their first reported loading, while National Fireworks assembled the remainder.

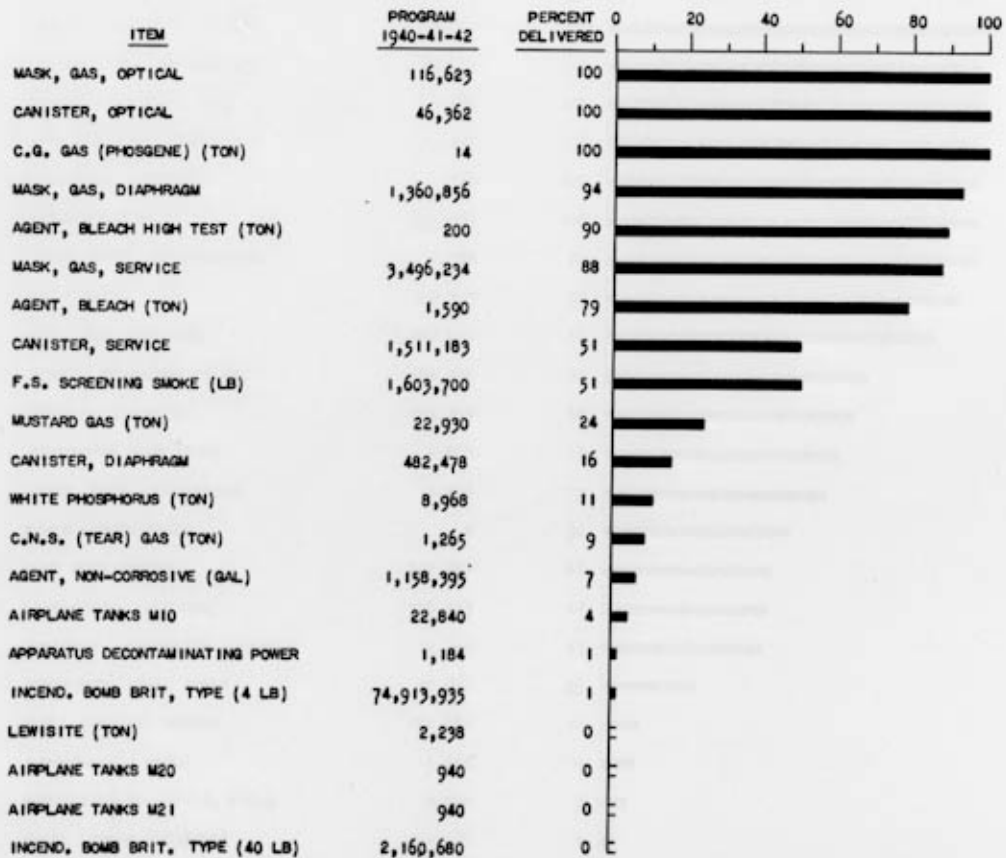
Chemical Warfare Service has made application to the Army and Navy Munitions Board for a blanket A-1-a rating for the Incendiary Bomb Program. This rating is required to obtain the remaining machines and tools needed to put the assembly and loading lines into operation, and to obtain the necessary iron and steel required for the components of the Incendiary Bomb.

The application was placed January 7, 1942, but no rating has been granted to date. The blanket rating, if granted, would greatly eliminate the numerous individual requests for higher rating that require time to grant, and therefore, greatly retard the Incendiary Bomb Program.

VARIOUS DELIVERIES: There were also 109 Gas Detonation sets; 42,022 Land Mine Containers; 350 Steel Containers (ton), and 17,234 Gas Proof Curtains delivered.

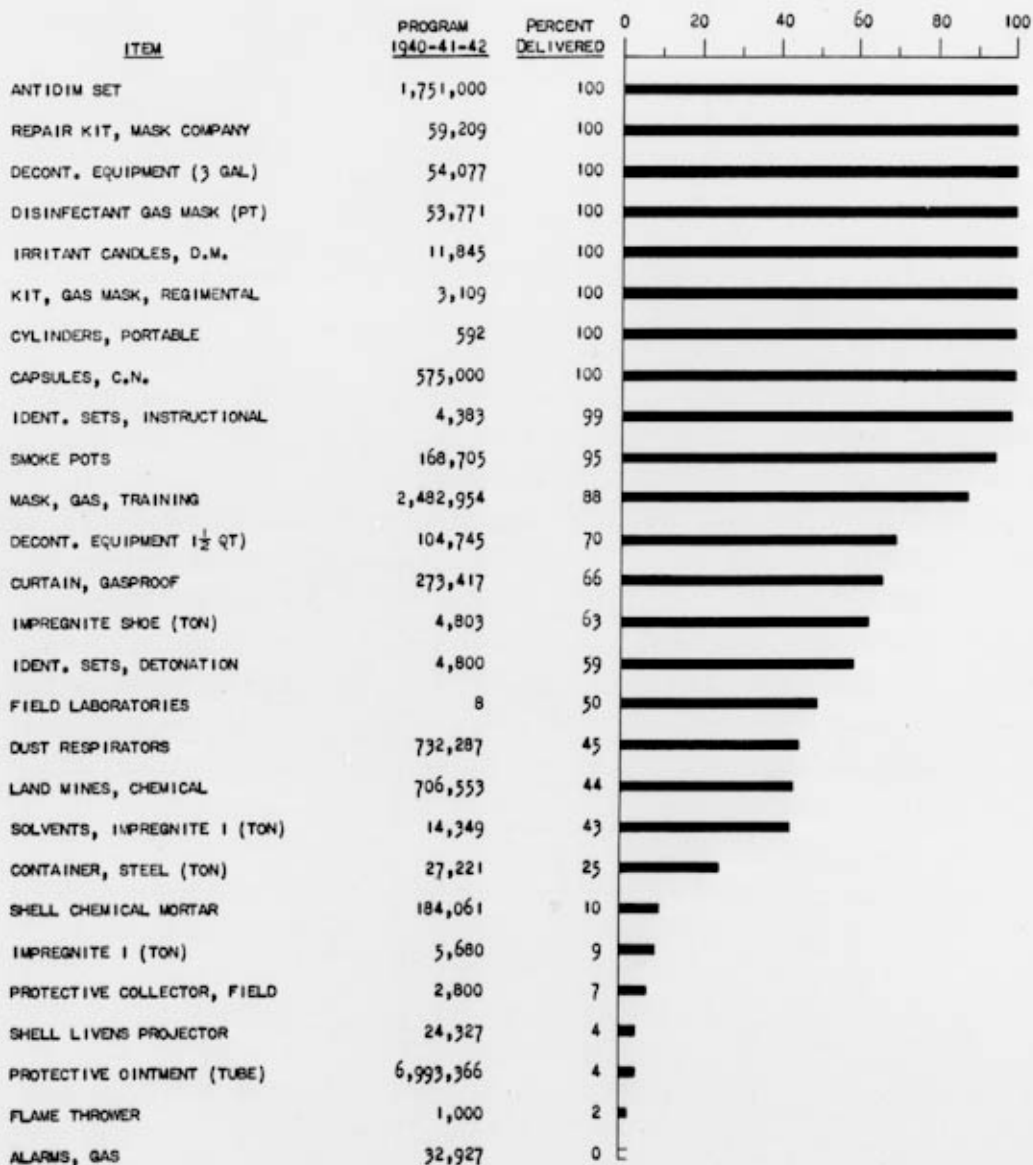
PROCUREMENT PROGRESS - C. W. S. - CRITICAL ITEMS - JANUARY 30, 1942

Source of Information: Chemical Warfare Service



PROCUREMENT PROGRESS - C. W. S. - SELECTED ESSENTIAL ITEMS - JANUARY 30, 1942

Source of Information: Chemical Warfare Service



SECRET

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

fill

WEEKLY STATISTICAL REPORT

No. 33

RELEASED

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

SUMMARY

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 5200.9 (9/27/58)

Date- *3-17-59*

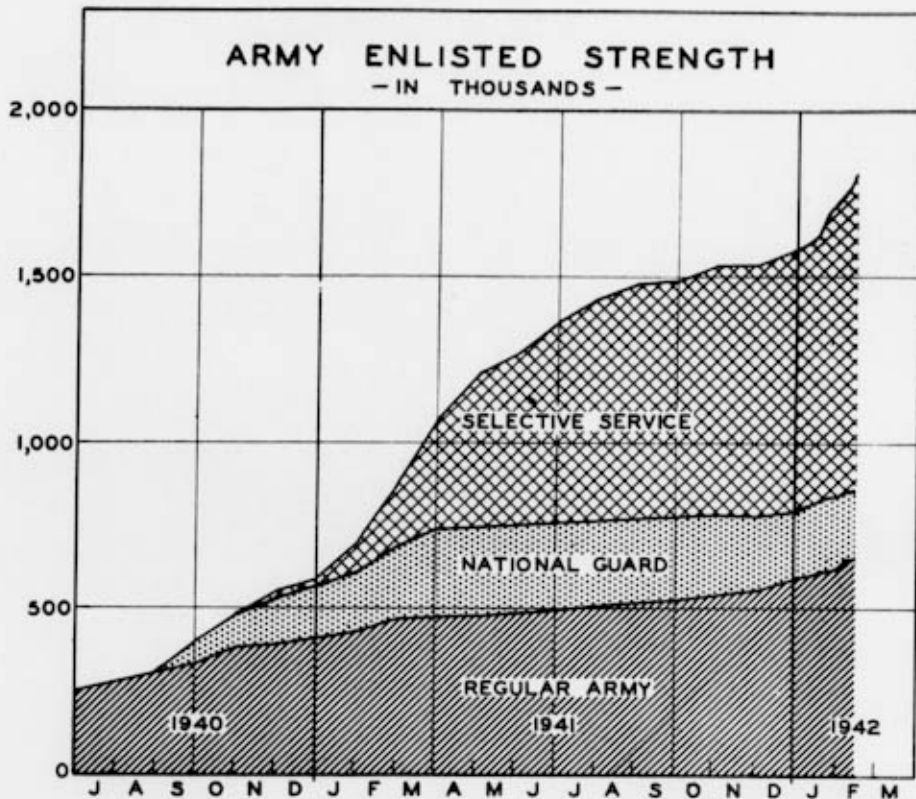
Signature- *Carl S. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-3342-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT NO. 33
FEBRUARY 14, 1942

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength	1	Text Summary - Proc. of Basic Items .	21
Editorial Opinion	2	Tab. Sum. - Proc. of Sel. Basic Items	22
		Tab. Sum. - Proc. of Clothing Items .	23
		Diagrams: M.V. Req. & Cum. Deliveries	24
		M.V. Req. & Cum. Deliveries	25
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Airplane Shipments	3	Text Summary - Procurement	26
Shipping Data - Q.M. Items	4	Diagrams: Time Objective- Misc. Eq..	27
Shipping Data - Signal Corps Items .	5	Progress of Deliveries ...	28
		Progress of Deliveries ...	29
<u>ORDNANCE DEPARTMENT</u>		<u>CORPS OF ENGINEERS</u>	
Text Summary	6	Tab. Sum. - Engineer Procurement	30
Monthly Accep. of Equip. & Ammun. ..	7	Tab. Sum. - Engineer Procurement	31
Military Expenditure Rates	8	Diagram: Searchlight Procurement ...	32
Equipment - Procurement Summary	9	Text Summary - Air Corps Construction	33
Stocks & Initial Req. ..	10		
Stocks & Total Reqmnts .	11		
Ammunition- Procurement Summary	12		
Minor Caliber-20,37,40MM	13		
New Facilities	14		
		<u>MEDICAL DEPARTMENT</u>	
<u>AIR CORPS</u>		Text Summary	34
Text Summary - Aircraft Procurement.	15	Delivery Status - Surgical Instr. ...	35
Tab. Sum. - Current Procurement	16	Diagram: Del. Status-Hemostatic Forc.	36
Diagrams: Airplane Sched. & Del.			
Bomber & Observation	17	<u>CHEMICAL WARFARE SERVICE</u>	
Pursuit & Transport	18	Text Summary - Production	37
Trainer	19	Diagrams: Proc. of Critical Items	38
Diagram: Airplane Inventory	20	Proc. of Sel. Essential Itms	39



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to February 11, 1942 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the two final estimated figures.

1940	Total	1941	Total	1941	Total	1942	Total
Jul	268,941	Jan	693,578	Jul	1,429,188	Jan	1,729,000
Aug	302,968	Feb	873,667	Aug	1,481,197	Feb 11	1,801,000
Sep	407,613	Mar	1,068,030	Sep	1,484,024		
Oct	483,218	Apr	1,205,873	Oct	1,526,000		
Nov	540,695	May	1,265,211	Nov	1,528,500		
Dec	573,520	Jun	1,362,760	Dec	1,579,500		

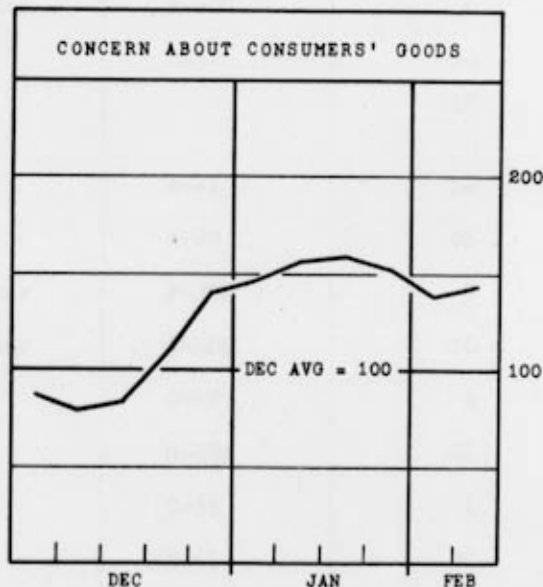
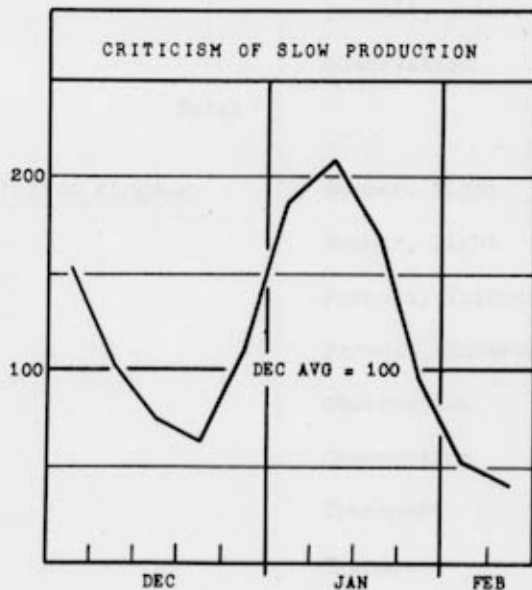
Source of Information: Statistics Branch, General Staff, February 12, 1942

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

Source of Information: Statistics Branch, OUSW, February 11, 1942

Concern about organization for production has fallen to low levels since the establishment of the War Production Board. This decline was shown in detail in this space last week. It now appears that, as a corollary of the decrease in concern about organization for production, there has developed a corresponding decrease in editorial comment about alleged slow output of munitions. This is reflected in the diagram on the left at the foot of this page. Apparently the editors have faith that production will move with increasing speed now that the War Production Board is functioning.

At the same time, there have developed increasing evidences of concern about material shortages. Not long ago such concern was related primarily to shortages of raw materials, but now it has become, in the main, concern about shortages of consumers' goods. This is reflected in the diagram on the right, at the foot of the page. Probably this concern about consumers' goods reflects, in some degree, public confidence that outputs of munitions are going to increase steadily.



DEFENSE AID - AIRPLANE SHIPMENTS - JANUARY 31, 1942

Source of Information: Budget Office, Materiel Division - Air Corps

Country	Type	Model	Shipped
<u>Brazil</u>	Transport	C-66	1
	Trainer, Primary	PT-19-A	2
Total			3
<u>China</u>	Bomber, Light	A-29	21
	Pursuit, Interceptor	P-43A-1	6
	Trainer, Primary	PT-22	70
Total			97
<u>Russia</u>	Pursuit, Interceptor	P-40C	6
	Pursuit, Interceptor	P-40E	103
	Pursuit, Interceptor	P-40E-1	72
	Pursuit, Interceptor	P-40G	6
	Observation	O-52	30
Total			217
<u>United Kingdom</u>	Bomber, Light	A-28	52
	Bomber, Light	A-29	65
	Pursuit, Interceptor	P-39C	3
	Pursuit, Interceptor	P-40C	10
	Observation	O-49	4
	Observation	O-49A	21
	Transport	C-55	1
	Transport	C-61	32
	Trainer, Primary	PT-24	41
Total			229

DEFENSE AID - SHIPPING DATA - QUARTERMASTER ITEMS - DECEMBER 31, 1941

Source of Information: Office, Quartermaster General

Item	Shipped Thru Nov. 30	Shipped Thru Dec. 31	On Hand Awaiting Shipment	
			Instructions Issued	Instructions Not Issued
Bag, canvas	0	0	0	5,000
Belt, pistol or revolver	0	0	0	42,000
Blanket, wool, O.D.	177,500	177,500	0	142,500
Boot, rubber, hip	0	850	850	0
Boot, rubber, knee	0	2,800	2,800	5,000
Box, ration	0	721	0	2,707
Can, meat	0	0	0	104,402
Canteen	0	0	0	104,050
Carrier, pack	0	0	0	30,000
Chair, folding, metal	0	0	0	2,050
Container, water, 5 gal.	8,250	16,885	0	11,700
Cover, canteen	0	0	0	130,000
Drawers, cotton, shorts	0	0	0	4,000
Filter, disc, range, field	0	0	0	343,800
Generator, spare, stoves	46	62	0	162
Glove, cotton, white	0	0	0	2,000
Haversack	0	0	0	6,050
Machete	0	0	0	9,180
Mitten, asbestos	0	0	0	440
Pamphlet, field ranges	0	0	0	2,550
Pillow, feather	0	0	0	2,000
Screen, latrine	400	400	0	0
Sheath, machete	0	0	0	11,300
Sheet, cotton, white	0	0	0	10,000
Stove, camp, single burner	393	500	0	400
Suit, oil dressed	0	0	0	10,408
Tent, shelter, half	25,968	25,968	26,016	8,496
Thread, machine, 200 yd.	0	0	0	10,000
Towel, hand	0	0	0	10,000
Whistle, co. comm.	7,000	7,000	0	0

DEFENSE AID - SHIPPING DATA - SIGNAL CORPS ITEMS - DECEMBER 31, 1941

Source of Information: Office, Chief Signal Officer

Item	Shipped Thru Nov. 30	Shipped Thru Dec. 31
Accessories, pack load	0	30
Antenna, assembly, fixed	0	110
Battery, BA30	0	20,128
Charging set, onan	100	450
Coil set, (Bendix)	0	30
Condenser, caramicon (various)	0	85,100
Generator, signal, double receiver	0	50
Head & chest set, HS-19	3,000	3,000
Microphone, type M7, type 6A7, heatery	0	12
Radio flight spares	0	9
Radio headphone 40-75 OHMS	0	2,000
Radio, general, type 605-B signal	0	4
Radio, general, type 804-B signal	0	12
Resistor, various resistances	0	133,027
Rotary convertor, 24 Vd-c - 220 Va-c	0	10
Telephone set Tp6	2,000	2,000
Test set I56	300	300
Transmitter, AVT15	0	2
Tube, dielectric (various types)	0	215,000
Tube testers, RCA type 156L	0	28
Tube, VT60	0	65,000
Valve assembly, wireless	0	300,000
Vibrator, type G650	0	11,000
Wire, W-110-B (miles)	0	63,379

TEXT SUMMARY - ORDNANCE DEPARTMENT - FEBRUARY 14, 1942

Source of Information: Ordnance Department, General Staff, OUSW and British Purchasing Commission

"D" ESTIMATES

The latest Army appropriation request, the "D" Estimates, for nearly 23 billion dollars was introduced into Congress on February 9. These estimates contain the following funds for the Ordnance Department:

Ordnance Service and Supplies - Ammunition	\$ 4,400,000,000
Equipment	<u>5,800,000,000</u>
	10,200,000,000
20 percent increase to provide for Changes in Troop Bases, Tables of Organization and Tables of Basic Allowances and to provide for increased prices due to speed-up	<u>2,100,000,000</u>
Total	\$12,300,000,000

These funds include allowances for Defense Aid. In addition, it is estimated that the Ordnance Department will need about 2 billion, 500 million dollars of the funds for expediting production of equipment and supplies, which will be utilized for new productive capacity to be created either by the conversion of existing capacity or by the construction of new plants.

Among the more important items included are the following:

10,000 gun, automatic, 40mm antiaircraft, self-propelled	11,000 car, scout
7,000 gun, automatic, 40mm antiaircraft	11,600 carrier, personnel, half-track
3,000 gun, 90mm antiaircraft	15,000 tank, light
6,900 gun, 3" or 57mm antitank, self-propelled	15,000 tank, medium
3,700 howitzer, 105mm, self-propelled	20,000 car, armored

JANUARY PROGRESS

Procurement authorizations in January amounted to almost 2 billion, 300 million dollars, and an additional 1 billion, 300 million dollars of authorizations were made in the first week of February. Consequently, authorizations thus far in 1942 exceed the Ordnance Department's entire 1941 Fiscal Year appropriations.

As indicated on the following page, acceptances in January again increased generally and exceeded the quantities scheduled for the month. On the average, however, acceptances in January were only about two percent of the total quantities required for 1942 in the Presidential Directive. This indicates the expansion in production rates and in productive capacity which will be required to fulfill the President's program.

MONTHLY ACCEPTANCES OF EQUIPMENT AND AMMUNITION - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Actual			Estimated		
	Nov '41	Dec '41	Jan '42	Feb '42	Mar '42	Apr '42
EQUIPMENT						
Machine gun, cal.30, AC	1,177	3,636	5,707	5,770	7,460	8,630
Machine gun, cal.50, AC	7,698	10,712	9,278	11,840	13,837	14,214
Gun, 20mm automatic, AC	188	941	2,616	2,710	3,225	3,700
Gun, 37mm automatic, AC	15	232	250	250	350	400
Tank, light	338	410	378	350	380	435
Tank, medium	325	490	576	665	850	940
Gun, 37mm tank	811	418	1,248	900	1,346	1,500
Gun, 75mm tank	279	421	443	485	560	640
Gun, 90mm, AA	25	33	89	105	114	123
Howitzer, 75mm	12	181	111	64	0	35
Howitzer, 105mm	75	307	246	348	450	460
Rifle, cal.30, M1	29,110	36,530	38,980	28,000	30,052	33,545
Gun, 37mm antitank	540	607	541	730	607	580
Mortars, 60mm, 81mm	857	684	600	824	1,131	924
AMMUNITION (Thousands)						
Cartridge, cal.30	82,236	108,587	182,004	207,155	294,068	383,457
Cartridge, cal.50	5,691	14,057	20,887	28,210	41,653	54,754
Cartridge, 20mm, AC	2,175	1,282	6,146	3,435	5,450	6,800
Shell, HE, 37mm, AC	219	166	20	0	26	250
Shot and shell, 37mm, AA	16	301	1,075	1,017	500	700
Shot and shell, 37mm, T & AT	247	282	323	818	1,900	2,800
Shell, HE, sc, 75mm gun	235	294	78	0	0	594
Shot, AP & semi-AP, 75mm gun	0	0	2	76	252	320
Shell, HE, 75mm howitzer	9	0	347	273	338	388
Shell, HE, 90mm, AA	0	188	231	11	60	100
Shell, HE, 105mm howitzer	19	272	546	403	649	700
Shell, HE, 155mm gun	0	0	20	29	75	75
Charge, prop., 155mm gun	0	0	1	97	140	70
Shell, HE, 60mm mortar	58	297	603	502	700	300
Shell, HE, 81mm mortar	53	110	129	282	400	250
Bomb, demo., 100#, 300#, 500#	60	27	154	118	159	91

MILITARY EXPENDITURE RATES - VICTORY PROGRAM - 1942

Source of Information: General Staff and Ordnance Department

The monthly expenditure or maintenance rates of selected equipment and ammunition items, under war conditions, are shown for the United States Army of 3,635,000 men which is to be mobilized in 1942. The monthly Defense Aid rates are one-twelfth of the stated needs for Defense Aid in 1942. These military rates are compared with the quantities actually scheduled for production in June and in the peak month this year. The peak production rates generally fall below the aggregate of the two expenditure rates.

Item	Military Expenditure Rate		Estimated Schedule as of January 31, 1942	
	3,635,000 Men	Defense Aid	June '42	Peak Month '42
<u>EQUIPMENT</u>				
Tank, light, M3	169	1,481	560	900
Tank, medium, M3 & M4	255	1,708	1,550	3,715
Gun, 37mm tank	1,356	1,187	1,449	1,594
Gun, 75mm tank	255	1,720	1,050	1,200
Gun, 90mm AA	33	315	176	297
Howitzer, 75mm	5	146	119	119
Howitzer, 105mm	55	133	401	460
Gun, 155mm	1	35	30	50
Rifle, cal.30, M1	9,205	80,451	37,500	42,500
Gun, 37mm antitank	454	90	120	1,150
Mortars, 60mm, 81mm	390	552	549	1,160
<u>AMMUNITION (Thousands)</u>				
Shot and shell, 37mm AA	2,226	3,247	900	1,400
Shot and shell, 37mm T & AT	9,595	1,220	4,200	11,000
Shell, HE, sc, 75mm gun	63	295	181	320
Shot, AP & semi-AP, 75mm gun	575	1,047	660	2,000
Shell, HE, 75mm howitzer	1,606	124	470	1,140
Shell, HE, 90mm AA	551	616	260	1,560
Shell, HE, 105mm howitzer	2,036	964	950	1,665
Shell, HE, 155mm gun	72	112	80	125
Charge, prop., 155mm gun	124	130	85	200
Shell, HE, 60mm mortar	1,158	361	500	900
Shell, HE, 81mm mortar	326	374	250	425
Bomb, demo., 100#, 300#, 500#	285	1.4	155	260

EQUIPMENT PROCUREMENT - SUMMARY - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Total procurement authorized*	Acceptances thru Jan 31	Percent of total authorization			
			Con-tracted	Sched-uled	Due	Accepted
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,732	21,057	98	98	22	23
Machine gun, cal.50	224,279	53,570	93	93	26	24
Gun, 20mm automatic	79,783	3,800	100	60	2	5
Gun, 37mm automatic	5,907	640	88	63	10	11
<u>Combat Vehicles</u>						
Tank, light	12,911	2,929	100	100	22	23
Tank, medium	28,315*	1,949	100	100	7	7
Tank, heavy	600	0	42	42	0	0
Scout car	9,245	2,733	100	100	30	30
Personnel carrier, M2	6,691	4,208	87	87	61	63
Personnel carrier, M3	6,158	2,267	94	99	37	37
Submachine gun, cal.45	1,002,259	262,875	100	100	26	26
Gun, 37mm tank	34,574*	5,828	100	49	16	17
Gun, 75mm tank	27,164*	1,488	100	33	5	5
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,356	221	71	63	4	5
Gun, 40mm	8,657	0	82	49	0	0
Gun, 37mm	3,364	548	95	95	16	16
Machine gun, cal.50 (WC)	39,187	4,299	67	67	11	11
<u>Artillery</u>						
Howitzer, 75mm	1,854	546	100	71	25	29
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,771	795	98	94	13	17
Gun, 4.5", AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	504	39b	98	98	13	8b
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	977	100	73	73	73
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,436	100	100	91	91
Carriage, 155mm gun	853	383	100	100	50	45
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,392,069	419,775	100	100	29	30
Machine gun, cal.30 (Var.)	289,697a	65,641a	57a	55a	26a	23a
Machine gun, cal.50 (HB)	67,165a	5,421a	47a	47a	12a	8a
Gun, 37mm antitank	18,603	2,899	73	68	14	16
Mortar, 60mm	11,162	7,365	100	100	63	66
Mortar, 81mm	6,959	2,589	100	100	37	37

* Total procurement authorized consists of authorizations from Fiscal Year 1940, 1941 and 1942 funds, Navy, Marine Corps and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Figures include armament for combat vehicles.

b Acceptances thru December 31, 1941.

EQUIPMENT - STOCKS AND INITIAL REQUIREMENTS - FEBRUARY 8, 1942 (DATA EXCLUDE DEFENSE AID SHIPMENTS)

Source of Information: General Staff

Item	Initial requirements 1,850,000 men	Stocks in depots and with troops	Percent of requirements %	Percent of requirements					
				0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	32,688	22,181	68	[Bar at 68%]					
Machine gun, cal.50,fix.&fl.	61,539	36,624	60	[Bar at 60%]					
Gun, 20mm automatic	1,815	2,357	130	[Bar at 130%]					
Gun, 37mm automatic	2,155	519	24	[Bar at 24%]					
<u>Combat Vehicles</u>									
Tank, light	1,699	1,608 b	95	[Bar at 95%]					
Tank, medium	1,788	749 c	42	[Bar at 42%]					
Scout car	1,261	2,416 d	192	[Bar at 192%]					
Personnel carrier, M2	3,467	4,045	117	[Bar at 117%]					
Personnel carrier, M3	3,311	1,961	59	[Bar at 59%]					
Machine gun, cal.30 (Var.)	32,626 a	a	-	[Bar at -%]					
Machine gun, cal.50 (HB)	5,491 a	a	-	[Bar at -%]					
Submachine gun, cal.45	41,859	124,582	298	[Bar at 298%]					
Gun, 37mm tank	6,235	1,407	23	[Bar at 23%]					
Gun, 75mm tank	1,762	480	27	[Bar at 27%]					
<u>Antiaircraft</u>									
Gun, 3" } Gun, 90mm }	1,237	{ 566 } { 222 }	64	[Bar at 64%]					
Gun, 37mm	2,315	525	23	[Bar at 23%]					
Machine gun, cal.50 (WC)	18,611	1,844	10	[Bar at 10%]					
<u>Artillery</u>									
Gun, 75mm (HS)	-	1,015	-	[Bar at -%]					
Howitzer, 75mm, field & pack	249	462	186	[Bar at 186%]					
Howitzer, 105mm	2,061	812	39	[Bar at 39%]					
Gun, 155mm	95	30	32	[Bar at 32%]					
Gun, 155mm (HS)	587	222	38	[Bar at 38%]					
Howitzer, 155mm (HS)	631	1,417	225	[Bar at 225%]					
<u>Unmodified & other models</u>									
Gun, 75mm	-	2,335	-	[Bar at -%]					
Gun, 155mm	-	737	-	[Bar at -%]					
Howitzer, 155mm	-	370	-	[Bar at -%]					
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	797,085	399,465	50	[Bar at 50%]					
Machine gun, cal.30 (Var.)	53,555	57,247	107	[Bar at 107%]					
Machine gun, cal.50 (HB)	16,964	4,386	26	[Bar at 26%]					
Gun, 37mm antitank	6,276	2,856	46	[Bar at 46%]					
Mortar, 60mm	4,579	6,901	151	[Bar at 151%]					
Mortar, 81mm	2,035	2,510	123	[Bar at 123%]					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

EQUIPMENT - STOCKS AND TOTAL REQUIREMENTS - FEBRUARY 8, 1942 (DATA EXCLUDE DEFENSE AID SHIPMENTS)

Source of Information: General Staff

Item	Total requirements 3,635,000 men	Stocks in depots and with troops	%	Percent of requirements					
				0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	44,260	22,181	50	[Bar chart: 50%]					
Machine gun, cal.50,fix.&fl.	131,837	36,624	28	[Bar chart: 28%]					
Gun, 20mm automatic	3,721	2,357	63	[Bar chart: 63%]					
Gun, 37mm automatic	2,896	519	18	[Bar chart: 18%]					
<u>Combat Vehicles</u>									
Tank, light	4,341	1,608 b	37	[Bar chart: 37%]					
Tank, medium	5,902	749 c	13	[Bar chart: 13%]					
Scout car	2,709	2,416 d	89	[Bar chart: 89%]					
Personnel carrier, M2	10,497	4,045	39	[Bar chart: 39%]					
Personnel carrier, M3	8,208	1,961	24	[Bar chart: 24%]					
Machine gun, cal.30 (Var.)	125,849 a	a	-	[Bar chart: -]					
Machine gun, cal.50 (HB)	14,712 a	a	-	[Bar chart: -]					
Submachine gun, cal.45	155,279	124,582	80	[Bar chart: 80%]					
Gun, 37mm tank	30,392	1,407	5	[Bar chart: 5%]					
Gun, 75mm tank	5,872	480	8	[Bar chart: 8%]					
<u>Antiaircraft</u>									
Gun, 3" }	2,095	{ 566 }	38	[Bar chart: 38%]					
Gun, 90mm }									
Gun, 37mm	6,849	525	8	[Bar chart: 8%]					
Machine gun, cal.50 (WC)	32,983	1,844	6	[Bar chart: 6%]					
<u>Artillery</u>									
Gun, 75mm (HS)	-	1,015	-	[Bar chart: -]					
Howitzer, 75mm, field & pack	352	462	131	[Bar chart: 131%]					
Howitzer, 105mm	3,211	812	25	[Bar chart: 25%]					
Gun, 155mm	283	30	11	[Bar chart: 11%]					
Gun, 155mm (HS)	969	222	23	[Bar chart: 23%]					
Howitzer, 155mm (HS)	1,043	1,417	136	[Bar chart: 136%]					
<u>Unmodified & other models</u>									
Gun, 75mm	-	2,335	-	[Bar chart: -]					
Gun, 155mm	-	737	-	[Bar chart: -]					
Howitzer, 155mm	-	370	-	[Bar chart: -]					
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	1,524,735	399,465	26	[Bar chart: 26%]					
Machine gun, cal.30 (Var.)	176,047	57,247	33	[Bar chart: 33%]					
Machine gun, cal.50 (HB)	47,870	4,386	9	[Bar chart: 9%]					
Gun, 37mm antitank	12,681	2,856	23	[Bar chart: 23%]					
Mortar, 60mm	8,227	6,901	84	[Bar chart: 84%]					
Mortar, 81mm	4,105	2,510	61	[Bar chart: 61%]					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Total procurement authorized (THOUSANDS)	Acceptances thru Jan 31 (THOUSANDS)	Percent of total authorization		
			Scheduled thru Dec '42	Due	Accepted
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20# a	2,047	564	91	28	28
Bomb, demo., 100#, 300#, 500# a	1,698	377	100	18	22
Bomb, demo., 1000#, 2000#, 4000# a	561	15	75	2	3
Bomb, chem., 30#, 100# *a	603	222	100	42	37
Cartridge, 20mm	131,690	12,675	99	7	10
Shell, HE, 37mm	2,098	724	100	34	35
Flares	902	240	100	29	27
Signals	3,281	1,231	100	41	38
<u>Antiaircraft</u>					
Shell, 37mm, HE	18,094	2,083	62	11	12
Shell, 40mm, HE	14,588	0	37	0	0
Shell, 3", HE	2,134	677	100	24	32
Shell, 90mm, HE	4,395	429	100	11	10
Shell, 105mm, HE	12	0	100	0	0
Shell, 4.7", HE	200	0	15	0	0
<u>Artillery</u>					
Shell, HE, sc, 75mm gun	2,356	703	100	35	30
Shell, HE, nc, 75mm gun	3,569	62	100	-	2
Shell, HE, rc, 75mm gun	472	120	100	0	26
Shell, g & s, 75mm gun a	1,150	221	100	21	19
Shot, AP, 75mm gun	12,796	0	73	0	0
Shell, HE, 75mm how.	5,575	620	100	6	11
Shell, HE, 105mm how.	20,497	899	57	4	4
Shell, HE, 155mm gun a	1,378	21	75	-	2
Charge, prop., 155mm gun	2,092	233	91	11	11
Shell, HE, 155mm how. a	6,230	374	100	5	6
Shell, g & s, 155mm how. a	1,634	-	56	-	-
Charge, prop., 155mm how.	8,945	1,030	100	13	12
Primer, 21 gr.	15,264	299	66	5	2
Fuzes (all)	17,134	3,751	87	20	22
<u>Infantry</u>					
Cartridge, cal.30	8,831,945	1,003,209	79	11	11
Links, met. belt, cal.30	1,032,222	198,018	66	20	19
Cartridge, cal.45	2,423,907	326,108	29	14	13
Cartridge, cal.50	2,656,367	112,996	60	4	4
Links, met. belt, cal.50	3,129,155	204,469	63	8	7
Shot, shell, & canister, 37mm	49,675	1,091	100	2	2
Shell, HE, 60mm	11,310	998	68	7	9
Shell, HE, 81mm	6,055	408	63	6	7
Shell, smoke, 81mm	512	0	82	0	0
Grenade, HE, frag	8,749	1,038	63	13	12
Signals, ground & light	6,948	1,446	100	22	21
Mine, antitank	3,146	2	100	0	-

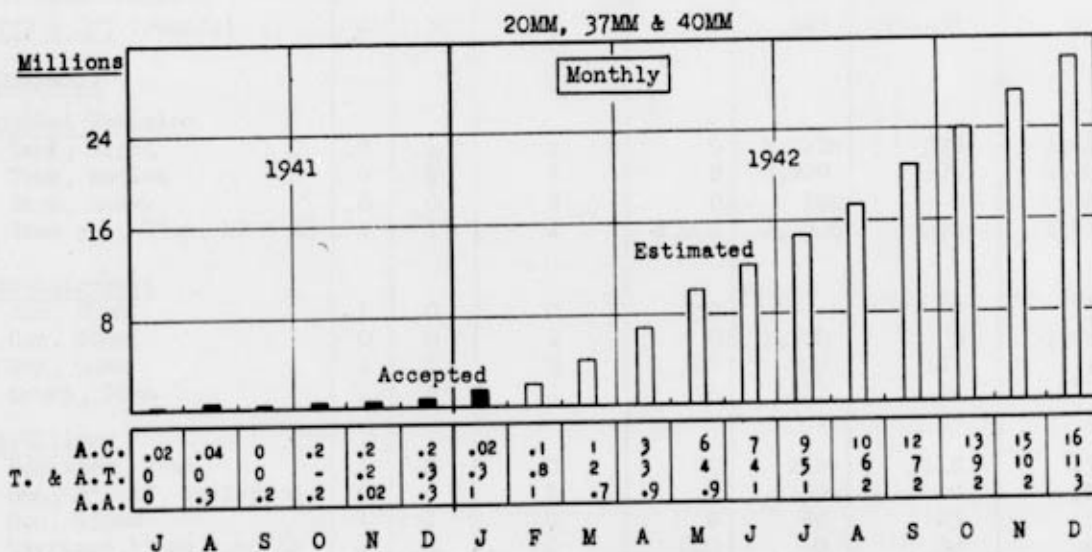
a Unfused.
* Unfilled.

MINOR CALIBER AMMUNITION - 20MM, 37MM AND 40MM - JANUARY 31, 1942

Source of Information: Ordnance Department and General Staff

A substantial increase in acceptances is planned for the second half of 1942. Present schedules, however, indicate that 1942 objectives for minor caliber antiaircraft, tank and antitank ammunition may hardly be met. No objectives for aircraft ammunition have yet been released.

Type of Ammunition	1942 Objective (THOUSANDS)	Scheduled thru June, 1942 (THOUSANDS)	Percent of 1942 Objective	Scheduled thru December, 1942 (THOUSANDS)	Percent of 1942 Objective
Antiaircraft, 37mm and 40mm	24,524	5,837	24	17,087	70
Tank and antitank, 37mm	74,411	14,091	19	61,441	83
Total 37mm and 40mm (Excluding aircraft)	98,935	19,928	20	78,528	79



NEW AND OLD FACILITIES - SELECTED ITEMS AS OF JANUARY 31, 1942

Source of Information: Ordnance Department and Corps of Engineers

The following table relates to items due from both old and new facilities. New facilities are regarded as establishments making use of Defense Plant, Expediting, or other War Department funds, whether applied to construction or equipment or both, at arsenals, civilian plants or new government projects, having been approved.

In the case of ammunition and powder, the pattern of new facilities construction is built mainly on completely new plants, expansion of the program being expressed by augmentation of capacity at these new locations, often before the production initially planned has begun.

Item	Number of Facilities			Rated Monthly Capacity		Actual January Production	One 12th 1942 Time Objective
	Old	Oper- ating	Under Con- struction	Old Plants	New Plants		
<u>AMMUNITION (Thousands)</u>							
<u>Small Arms</u>	4	3	3				
Caliber .30				105,826	775,750	182,913	830,377
Caliber .50				18,278	300,750	21,003	271,237
<u>Shell Loading</u>	4	8	8				
37				3,260	17,192	3,644a	-
60				840	2,240	704a	-
Equivalent 75				350	9,990	1,534a	-
155				17	2,166	119a	-
100#				0	1,246	202a	-
<u>Smokeless Powder (Pounds)</u>	7	2	3	16,656	53,200	44,008	-
<u>TNT - DNT (Pounds)</u>	4	3	7	8,500	110,628	29,431	-
<u>EQUIPMENT</u>							
<u>Combat Vehicles</u>							
Tank, light	0	1	4	0	1,223b	378	1,625
Tank, medium	0	6	5	0	3,900	576	2,083
Tank, heavy	0	0	2	0	16b	0	42
Tank gun, 75mm, M2 & M3	1	1	2	1,000	2,330b	472	2,111
<u>Antiaircraft</u>							
Gun, 37mm	1	0	0	350	-	9	133
Gun, 40mm	0	0	2	0	1,100	0	1,083
Gun, 90mm	1	1	0	300	100	121	450
Mount, 90mm	1	3	2	75	222	75	
<u>Artillery</u>							
Howitzer, 75mm	1	2	0	70	248	118	251
Gun, 3", AT, self-prop.	0	0	1	-	130b	0	308
Gun, 155mm	1	1	0	8	50	23	38
Carriage, 155mm gun, HS	1	0	0	200	0	38	42

a As of December 31, 1941.

b One 12th of total 1942 schedule.

Ordnance

Statistics Branch
OUSW - 2-14-42

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

ARMY ACCEPTANCES

Army airplane acceptances during the first quarter of February were 37 percent above the corresponding December period. This compared with a 33 percent increase in the first quarter of January. Both rises, however, were due to trainer production. The table below shows that acceptances of combat types fluctuated in these three periods. In addition, total combat acceptances were downward in the first quarter of February.

Type	Dec 1-8	Jan 1-8	Feb 1-8
Heavy bomber	13	4	22
Medium bomber	13	6	6
Light bomber	1	0	1
Pur. inter., 2-eng.	0	48	20
Pur. inter., 1-eng.	82	58	17
Total Combat	109	116	66
Observation	3	10	9
Transport	0	6	7
Total Service Combat	3	16	16
Total Tactical	112	132	82
Advance trainer, 2-eng.	10	13	40
Advance trainer, 1-eng.	7	37	48
Basic trainer	66	79	88
Primary trainer	59	78	90
Total Trainer	142	207	266
Grand Total	254	339	348

FACILITIES

As of January 15, approximately 57 percent of the construction in the Army aircraft expansion program was completed. For these new facilities, 31 percent of the necessary equipment was delivered. The total program was 41 percent complete. These data are based on estimated costs.

MAN HOURS

Productive man hours reported by the leading military airplane manufacturers for January were 5½ million hours above December. This compared with a rise of 13½ million hours in December over November.

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

Source of Information: Consolidated Statistical Report - Air Corps

Item	On order but not accepted	Financed but not on order	Total to be accepted	February Acceptances(a)				Cum.
				Quarter Monthly				
				1-8	9-15	16-23	24-31	
Heavy bomber	8,277	6,263	14,540	22				22
Medium bomber	4,118	600	4,718	6				6
Light bomber	1,646	3,550	5,196	1				1
Pur. inter., 2-eng.(b)	1,528	360	1,888	20				20
Pur. inter., 1-eng.	11,822	4,100	15,922	17				17
Total Combat	27,391	14,873	42,264	66				66
Observation	53(c)	1,617	1,670	9				9
Transport	2,330	1,158	3,488	7				7
Amphibian	74	3	77	0				0
Total Service Combat	2,457	2,778	5,235	16				16
Total Tactical	29,848	17,651	47,499	82				82
Adv. trainer, 2-eng.	3,467	3,563	7,030	40				40
Adv. trainer, 1-eng.	2,300	1,600	3,900	48				48
Basic trainer	3,424	2,000	5,424	88				88
Primary trainer	4,123	3,000	7,123	90				90
Total Trainer	13,314	10,163	23,477	266				266
Grand Total	43,162	27,814	70,976	348				348

Item	MONTHLY ACCEPTANCES					
	Actual			Estimated(d)		
	Nov 1941	Dec 1941	Jan 1942	Feb 1942	Mar 1942	Apr 1942
Heavy bomber	25	64	82	106	125	141
Medium bomber	17	92	19	87	119	148
Light bomber	0	19	3	10	23	35
Pur. inter., 2-eng.(b)	62	53	106	75	95	104
Pur. inter., 1-eng.	215	292	250	103	87	85
Total Combat	319	520	460	381	449	513
Observation	113	45	99	146	83	232
Transport	11	8	22	23	40	59
Amphibian	1	0	0	0	0	0
Total Service Combat	125	53	121	169	123	291
Total Tactical	444	573	581	550	572	804
Adv. trainer, 2-eng.	53	71	134	169	193	226
Adv. trainer, 1-eng.	120	116	181	174	186	205
Basic trainer	233	163	327	289	247	264
Primary trainer	331	376	337	315	355	335
Total Trainer	737	726	979	947	981	1,030
Grand Total	1,181	1,299	1,560	1,497	1,553	1,834

(a) Deducted from first column.

(b) Includes pursuit-fighter class.

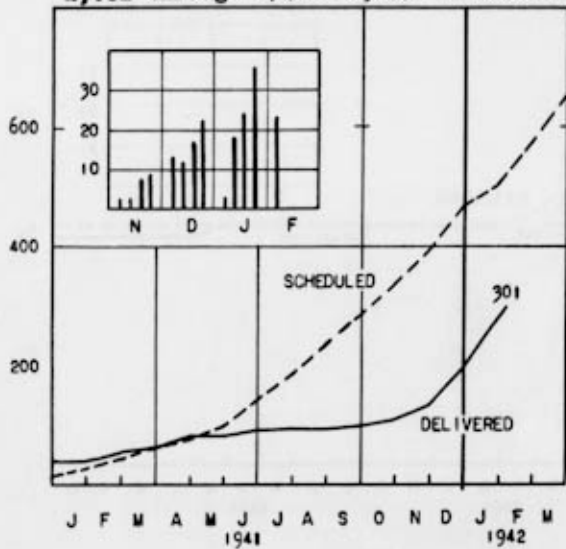
(c) Includes 3 reconnaissance.

(d) Materiel Division Estimates-1/31/42

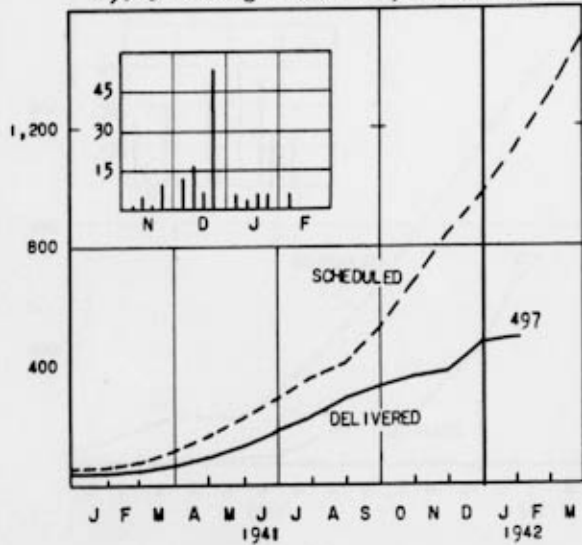
ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 8, 1942

Source of Information: Consolidated Statistical Report - Air Corps

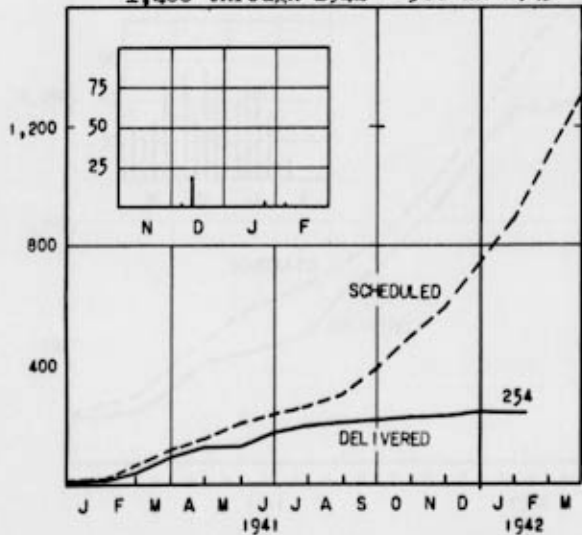
8,576 HEAVY BOMBER
2,081 through 1942 - 6,495 in 1943-44



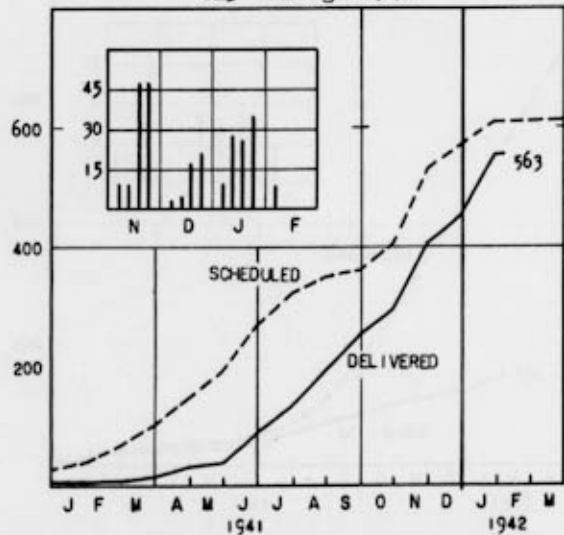
4,615 MEDIUM BOMBER
2,915 through 1942 - 1,700 in 1943



1,900 LIGHT BOMBER
1,400 through 1942 - 500 in 1943



613 OBSERVATION
613 through 1942

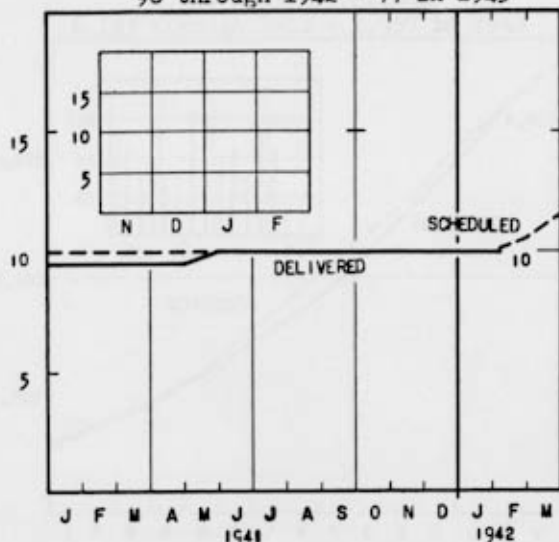


NOTE: DATA BASED ON CONTRACTS
INCOMPLETE JULY 1, 1940
PLUS SUBSEQUENT AWARDS.

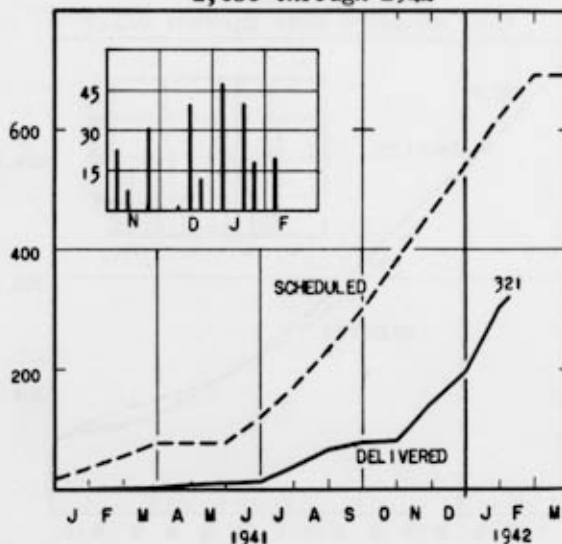
ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 8, 1942

Source of Information: Consolidated Statistical Report - Air Corps

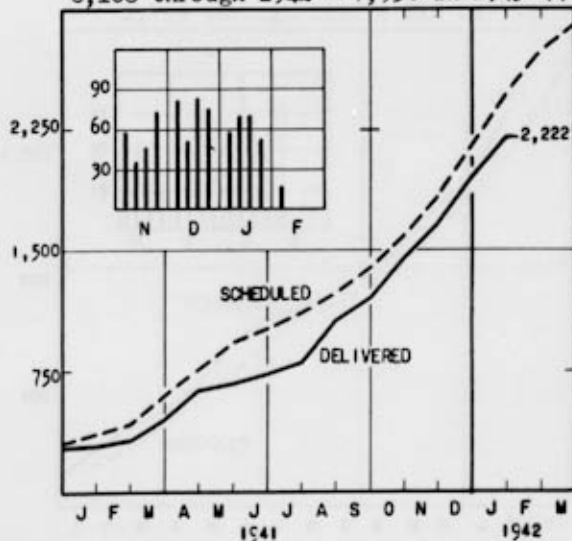
173 PURSUIT FIGHTER
96 through 1942 - 77 in 1943



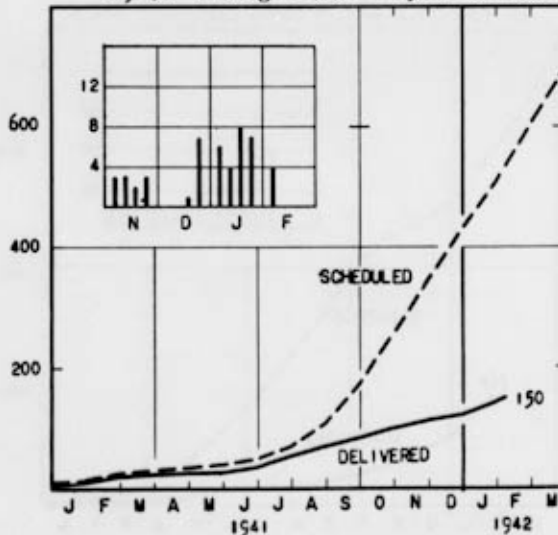
1,686 PURSUIT INTER., 2 ENG.
1,686 through 1942



14,044 PURSUIT INTER., 1 ENG.
6,108 through 1942 - 7,936 in 1943-44



2,483 TRANSPORT
1,191 through 1942 - 1,292 in 1943

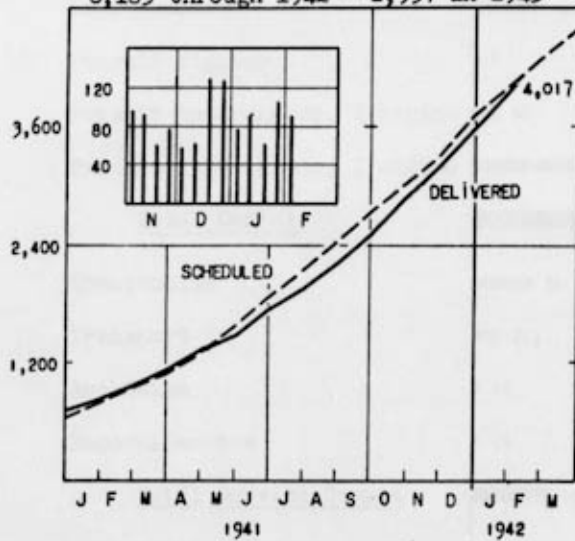


NOTE: DATA BASED ON CONTRACTS
INCOMPLETE JULY 1, 1940
PLUS SUBSEQUENT AWARDS.

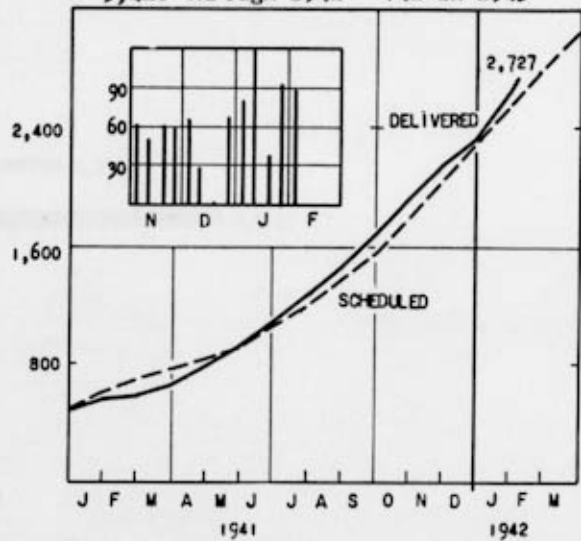
ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 8, 1942

Source of Information: Consolidated Statistical Report - Air Corps

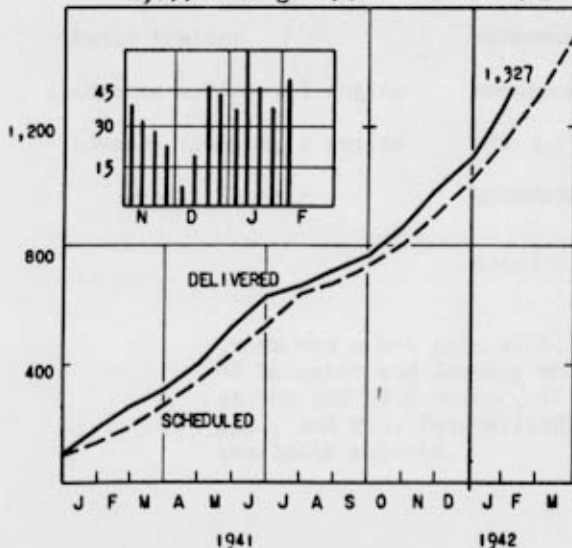
8,140 PRIMARY TRAINER
6,183 through 1942 - 1,957 in 1943



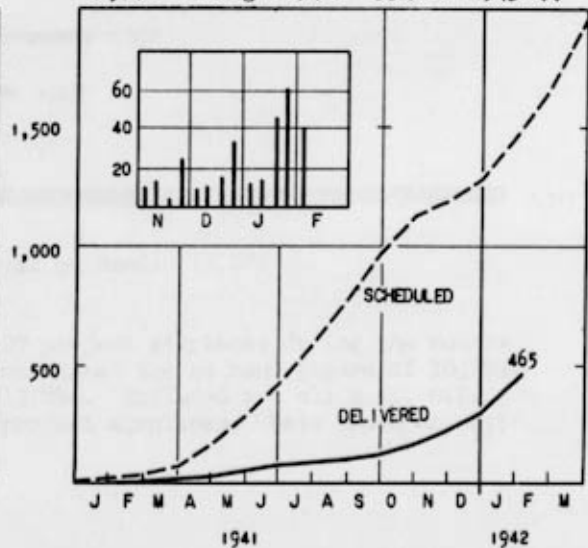
6,151 BASIC TRAINER
5,410 through 1942 - 741 in 1943



3,627 ADVANCE TRAINER, 1 ENGINE
2,799 through 1942 - 828 in 1943



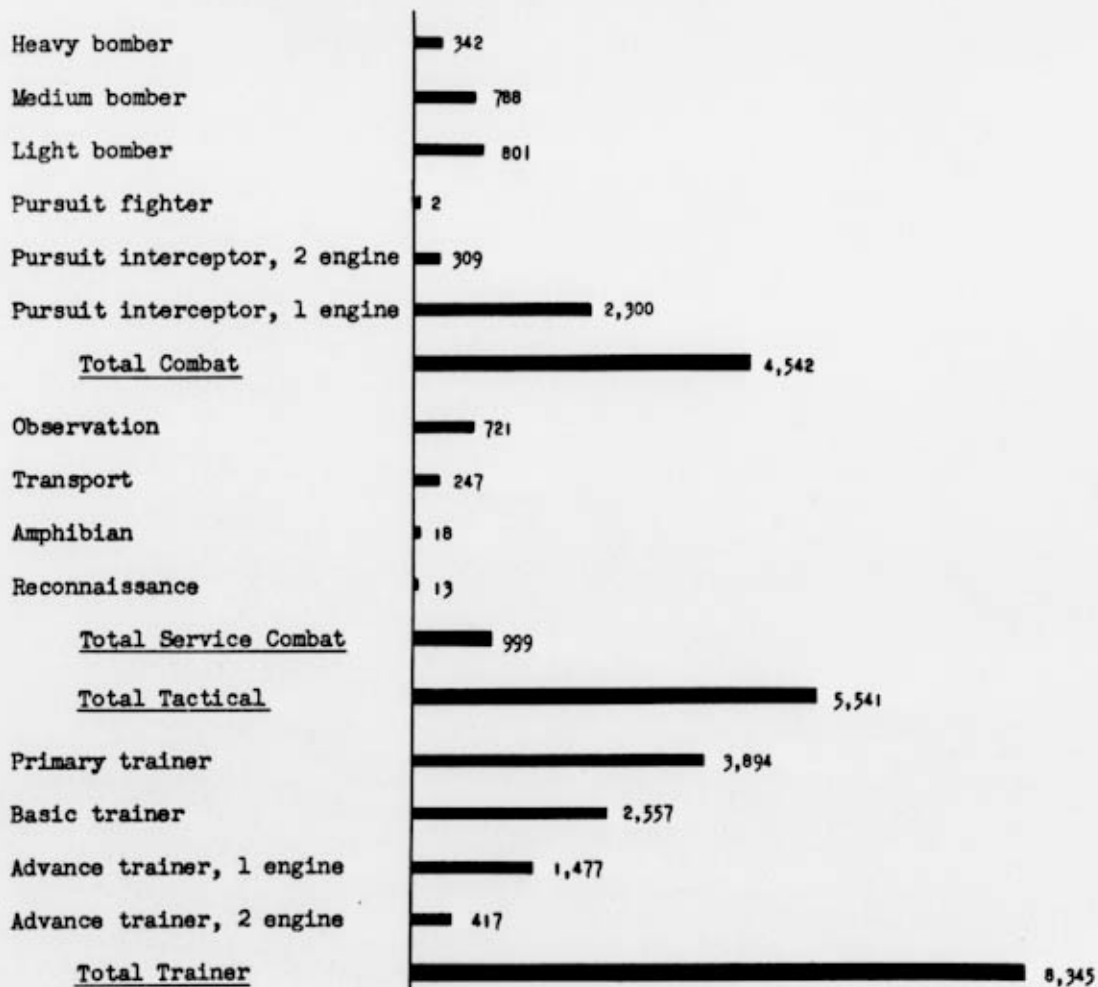
3,932 ADVANCE TRAINER, 2 ENGINE
3,598 through 1942 - 334 in 1943-44



NOTE: DATA BASED ON CONTRACTS
INCOMPLETE JULY 1, 1940
PLUS SUBSEQUENT AWARDS.

ARMY PROJECT AIRPLANE INVENTORY BY TYPE - JANUARY 31, 1942

Source of Information: Consolidated Statistical Report - Air Corps



Grand Total on Hand: 13,886

There was a net gain of 3,107 project airplanes during the months of December and January which raised the on hand figure of 10,779, at the end of November, to 13,886. Included are all R.A., O.R., N.G., and N.G. Federalized project airplanes. Data based on best available reports.

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

Source: Statistics Branch, Office of the Quartermaster General - Feb. 12, 1942

BASIC ITEMS

General: As of January 23, complete delivery has been made on 17 of 183 basic items procured from 1941 and 1942 funds. The 166 remaining items are 90 percent contracted and an average of 57 percent of their total programs has been procured.

Contracts: For the period ended January 23, increases in contracted amounts were indicated for 14 basic items, including:

Bar, mosquito	Drawers, cotton, shorts
Blanket, wool	Shoes, service
Coat, wool, serge	Trousers, wool, serge

Deliveries: During the quarter-monthly period ended January 23, deliveries were effected on 121 of the 183 basic items.

Schedule Status: Of the 183 basic items being procured from F. Y. 1941 and 1942 funds, 59 are behind schedule; however, only 19 are more than 10 percent behind schedule.

MOTOR VEHICLES

Contracts: As of January 31, contracts have been awarded for 320,796 vehicles, obligating 443 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of the program of 242,228 vehicles has been contracted and 96 percent delivered. Ninety-nine percent of the estimated F.Y. 1942 program (78,912 vehicles) has been contracted and 11 percent delivered.

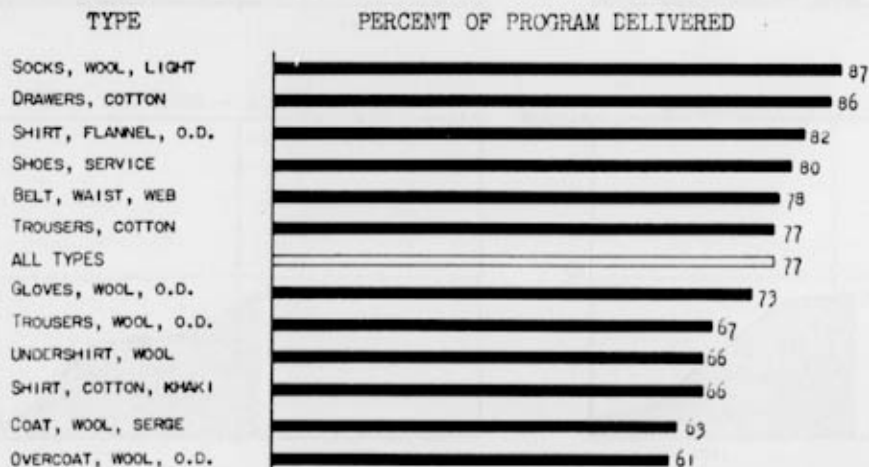
Deliveries: During the quarter-monthly period ended January 31, deliveries were reported on 5,772 vehicles. Cumulative deliveries under 1941 funds amounted to 232,011 vehicles at a cost of 323 million dollars. Cumulative deliveries under 1942 funds totaled 8,642 vehicles at a cost of 11 million dollars.

Schedule Status: Based on estimated delivery schedules, 9,037 vehicles were behind schedule; 1,191 vehicles, however, were delivered ahead of schedule.

TABULAR SUMMARY - Q.M.C. PROCUREMENT OF SELECTED CLOTHING BASIC ITEMS - F.Y. 1941 & 1942

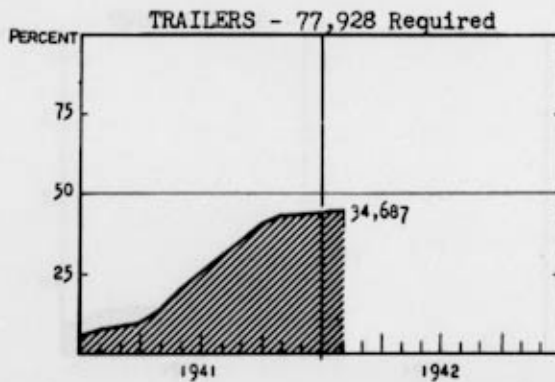
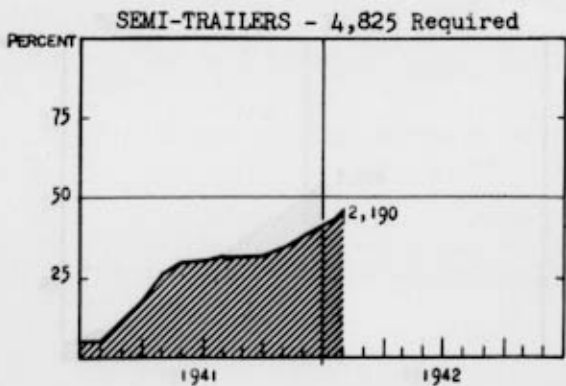
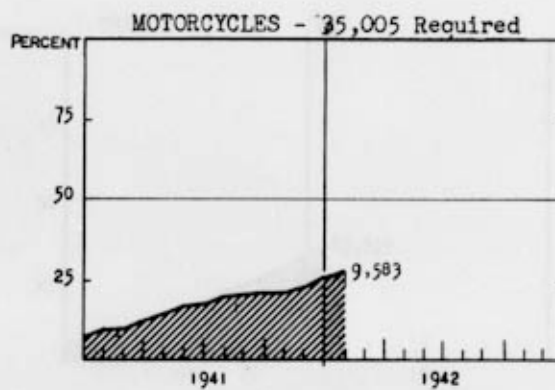
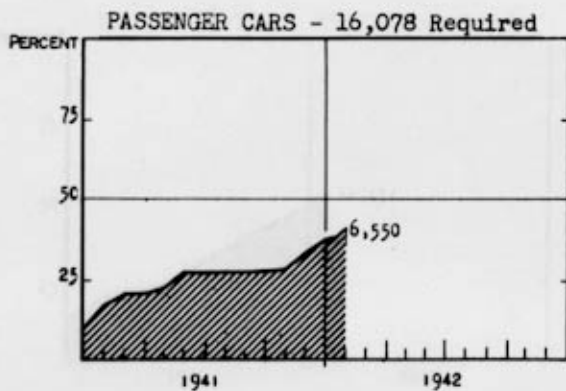
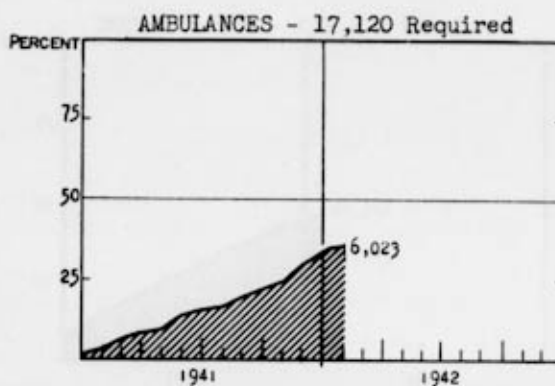
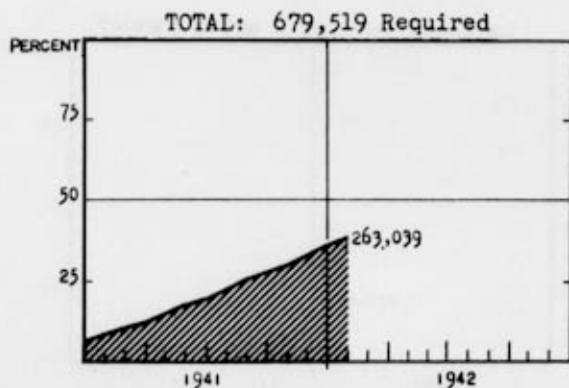
Source: Statistics Branch, Office of the Quartermaster General - Jan. 23, 1942

Type	Procurement program (Estimated)	Contracted (Delivered & undelivered)	Scheduled for Jan. 23	Delivered through Jan. 23	Percent of program	
					Con-tracted	Deliv-ered
Socks, wool, light	44,456,411	44,456,411	35,811,126	38,876,356	100	87
Drawers, cotton	33,061,834	33,061,834	28,264,774	28,567,182	100	86
Shirt, flannel, o.d.	13,050,788	13,050,788	10,402,394	10,708,214	100	82
Shoes, service	18,536,940	16,941,465	14,638,353	14,895,661	91	80
Belt, waist, web	6,809,555	6,809,555	4,381,055	5,283,655	100	78
Trousers, cotton	18,267,754	17,018,774	12,746,016	13,987,821	93	77
Gloves, wool, o.d.	6,145,959	6,134,090	4,496,176	4,505,468	100	73
Trousers, wool, o.d.	14,764,724	13,365,306	9,503,216	9,937,119	91	67
Undershirt, wool	16,449,552	14,046,282	10,919,596	10,911,212	85	66
Shirt, cotton, khaki	23,002,207	21,233,873	14,459,370	15,095,791	92	66
Coat, wool, serge	8,788,516	8,788,516	5,409,857	5,534,981	100	63
Overcoat, wool, o.d.	4,690,381	4,658,347	2,887,257	2,875,866	99	61
TOTAL	208,024,621	199,565,241	153,919,190	161,179,326	96	74



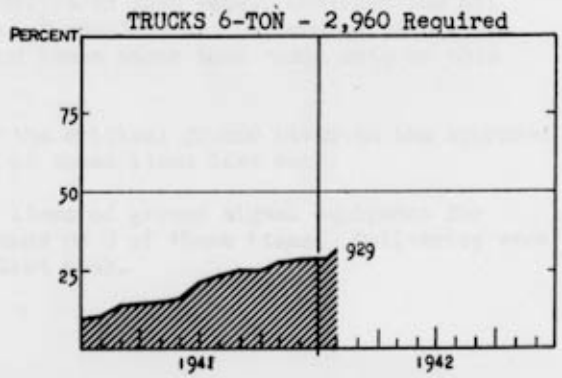
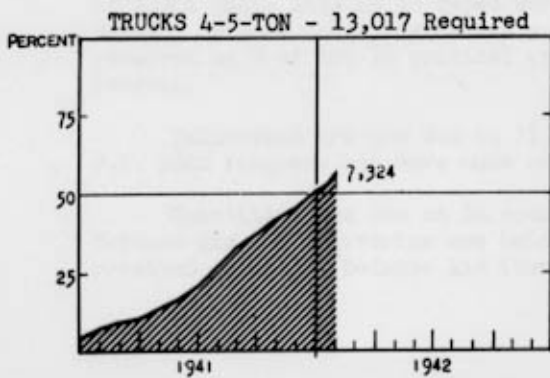
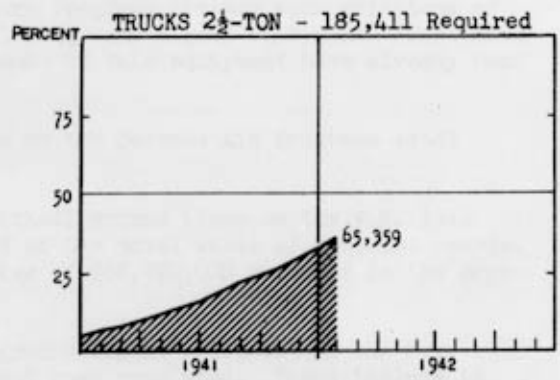
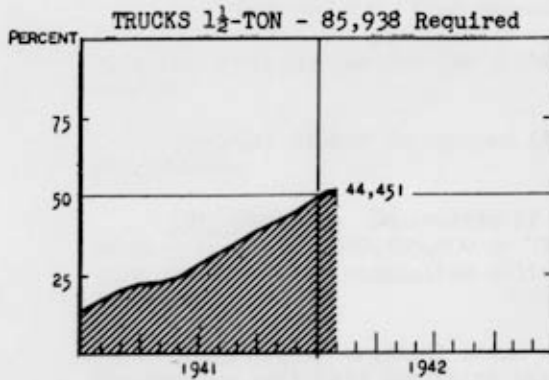
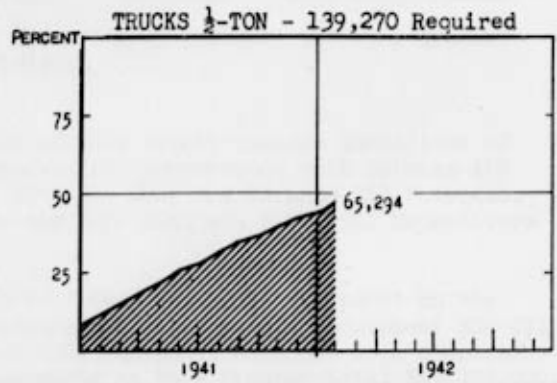
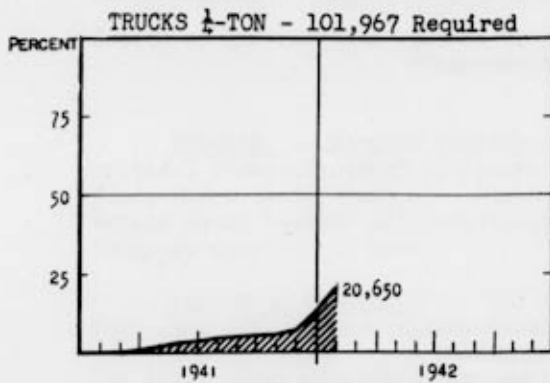
MOTOR VEHICLES REQUIRED FOR 3.6 ARMY & CUMULATIVE DELIVERIES FROM F.Y. 1940-41-42 FUNDS

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



MOTOR VEHICLES REQUIRED FOR 3.6 ARMY & CUMULATIVE DELIVERIES FROM F.Y. 1940-41-42 FUNDS

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



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT - FEBRUARY 7, 1942

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

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

STATUS OF CONTRACTS - All critical items of signal equipment on the F.Y. 1941 Expenditure Program except Instrument Blind Landing Equipment SCR-251 are under contract. Specifications for this equipment have not been completed. The total value of ground equipment contracts on this Program total \$95,475,000.

The approved F.Y. 1942 Expenditure Programs include appropriations of \$373,508,000 for the purchase of critical ground signal equipment. Contracts totaling \$319,899,000 for the procurement of this equipment have already been awarded.

Contract awards for ground items on the Defense Aid Programs total \$84,599,000.

DELIVERIES - Deliveries of critical ground items on the F.Y. 1941 Program now total \$69,476,000 or 72.7% of the total value of contract awards. This compares with cumulative deliveries of \$68,782,000 reported in the previous week.

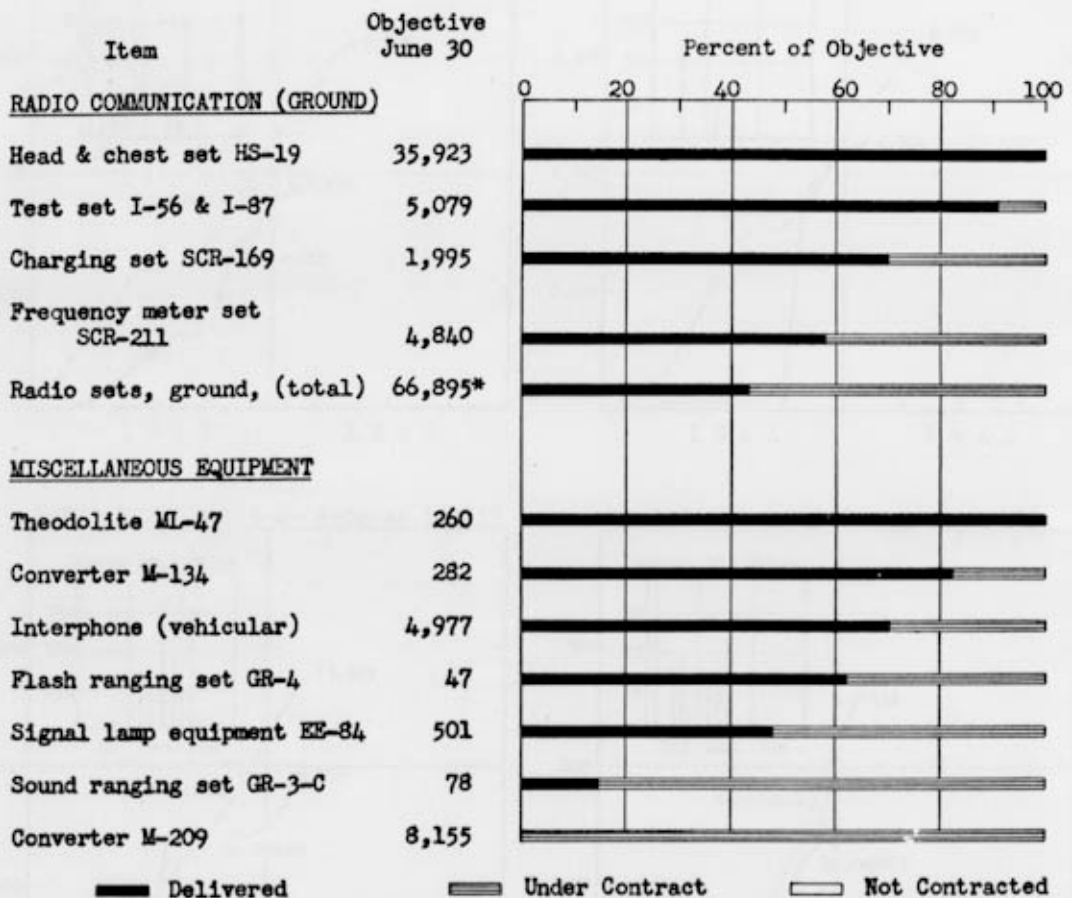
There are 36 critical items of ground signal equipment on the F.Y. 1941 Program the contracts for which have not been completed. These include 18 types of radio sets and deliveries are now being made on all of them. A total of 1,762 radio sets of 10 types were delivered last week. Contract for all SCR-203 sets on this program has now been completed. Deliveries were also received on 9 of the 18 critical ground items other than radio sets on this Program.

Deliveries are now due on 11 of the critical ground items on the approved F.Y. 1942 Programs and were made on 4 of these items last week.

Quantities are due on 14 common items of ground signal equipment for Defense Aid and deliveries are being made on 9 of these items. Deliveries were received on only 3 Defense Aid items last week.

TIME OBJECTIVE - SELECTED CRITICAL ITEMS - FEBRUARY 7, 1942

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

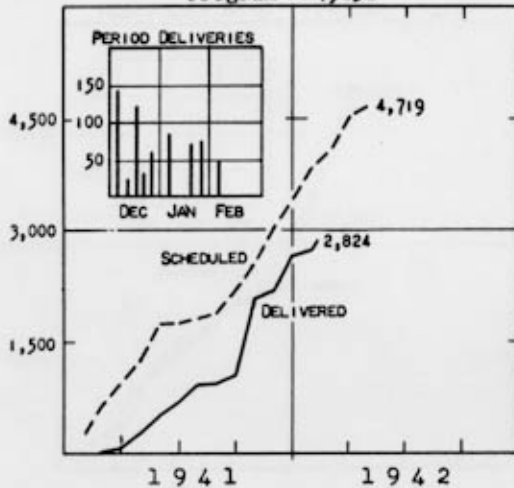


* Tentative pending revisions of Ordnance objectives.

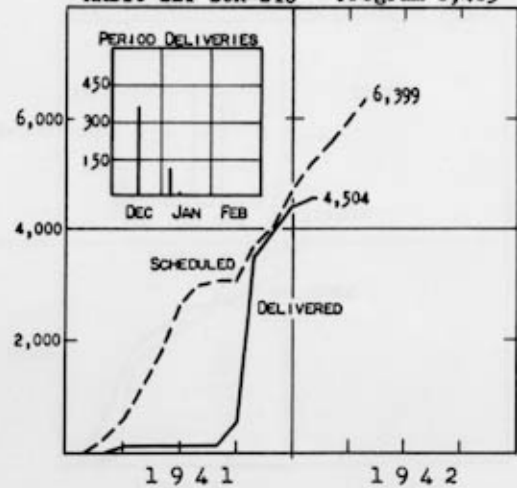
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT
FEBRUARY 7, 1942

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

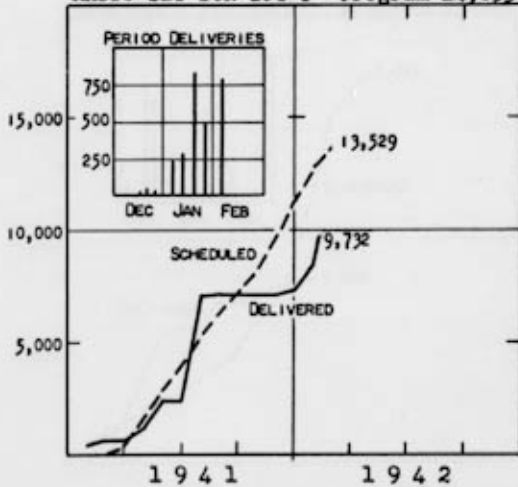
FREQUENCY METER SET SCR-211
 Program - 4,858



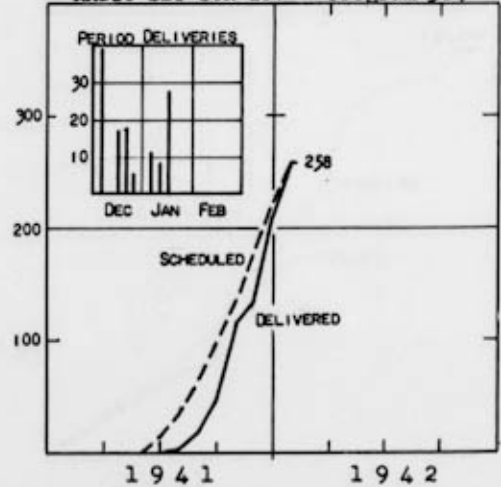
RADIO SET SCR-245 - Program 6,463



RADIO SET SCR-194-5 - Program 14,053

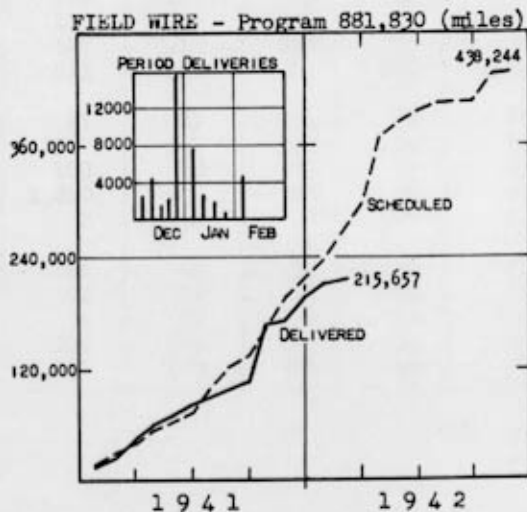
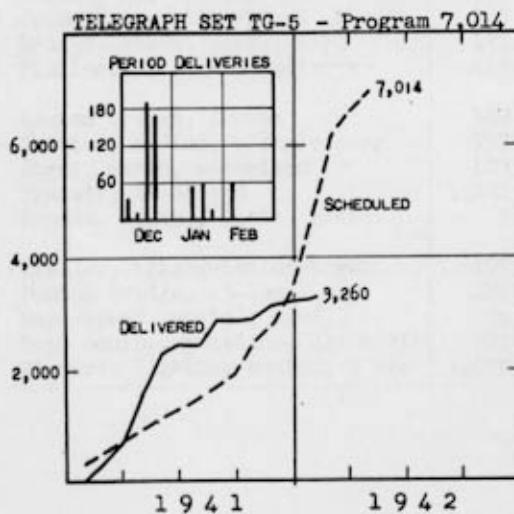
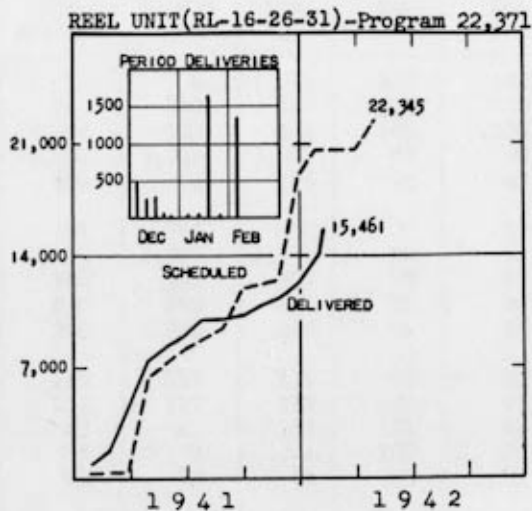
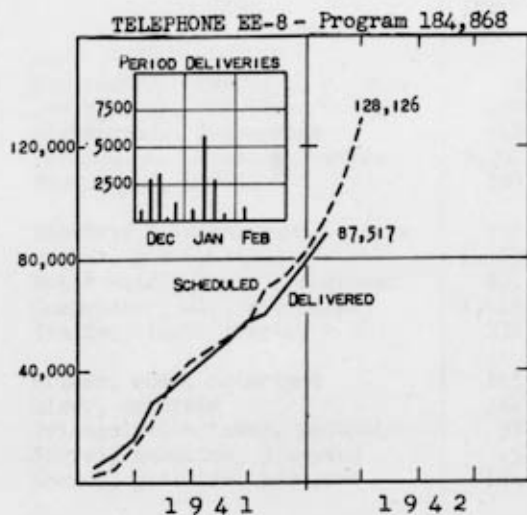


RADIO SET SCR-197 - Program 364



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - FEBRUARY 7, 1942

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



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

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

STATUS OF SELECTED ITEMS

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Feb. 8	Contracted	Delivered
Map reprod. equip., C. A. Hqs.	4	4	4	4	100	100
Searchlight, 18" beach defense	160	160	160	160	100	100
Stereoscope, lens-prism	142	142	142	142	100	100
Instruments, drawing, office	3,702	3,701	3,701	3,701	99	99
Footbridge, M-1938	187	174	174	174	93	93
Electric lighting equip., 5 kw	381	352	288	352	92	92
Hammer, gas-operated	1,173	1,079	1,079	1,079	92	92
Water supply equip., engineer	631	580	572	572	92	91
Compressor, air, motorized	1,016	890	890	890	88	88
Trailer, light tractor	238	200	200	200	84	84
Grader, road, motorized	145	119	119	119	82	82
Mixer, concrete	142	117	117	117	82	82
Triangulation tower, portable	53	43	43	43	81	81
Shovel, gasoline, 3/4-yard	5	5	3	4	100	80
Shovel, gasoline, 3/8-yard	104	83	83	83	80	80
Water supply equip., supply bn.	10	8	8	8	80	80
Welding and cutting set	232	182	182	182	78	78
Compass, lensatic, w/case (thous)	153	119	119	117	78	76
Bridge, steel, port., H-10	171	129	116	129	75	75
Planimeter, polar, Amsler's	413	413	413	304	100	74
Ponton bridge, 10-ton	109	81	81	81	74	74
Tractor, medium, w/angledozer	737	547	547	547	74	74
Auger, earth, motorized	103	100	68	73	97	71
Transit, 20-second	1,282	1,260	772	888	98	69
Reprod. equip., litho. plat.	3	2	2	2	67	67
Trailer, triangulation tower	107	86	66	66	80	62
Ponton bridge, 25-ton	107	76	76	63	71	59
Map reprod. equip., mtzd.	54	34	32	32	63	59
Dup. equip., gelatine, 22" x 33"	422	229	229	229	54	54
Electric lighting equip., 3 kva	1,071	1,025	879	571	96	53

TABULAR SUMMARY - CORPS OF ENGINEERS -- (Continued)

STATUS OF SELECTED ITEMS

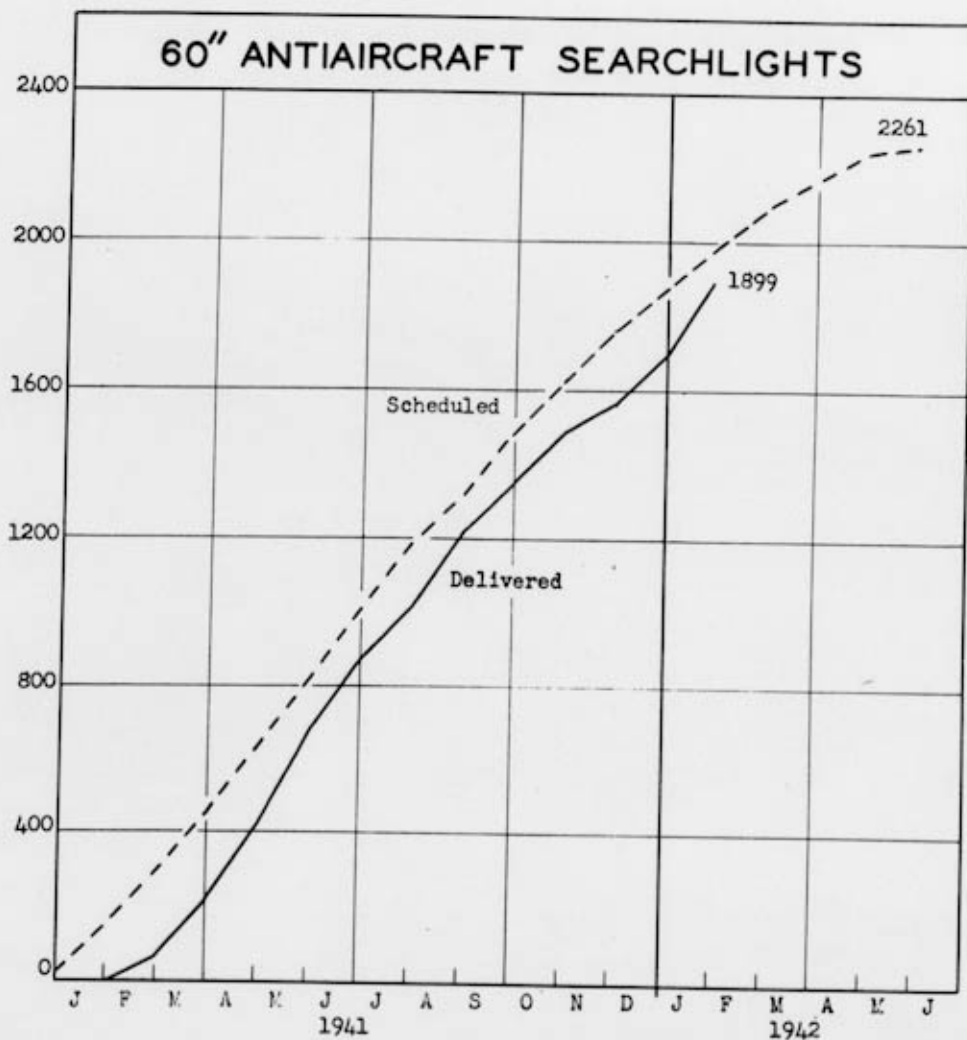
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Feb. 8	Contracted	Delivered
Crane, truck mounted	118	100	77	62	85	53
Water purification unit, mobile	117	103	59	59	88	50
Transit, 1-minute	1,242	1,212	841	610	98	49
Stereoscope, mirror, w/bin.	4,242	3,975	3,101	2,031*	94	48*
Special equipment, aviation	36	31	17*	17*	86	47*
Searchlight, 60" AA	4,039	2,261	2,011	1,899*	56	47*
Shovel, gasoline, 1/2-yard	218	191	104	100	88	46
Camera, copying, motorized	33	24	15	15	73	45
Trailer for medium tractor	1,386	609	609	609	44	44
Special equipment, road const.	5	5	2	2	100	40
Trailer, searchlight	8,498	3,800	3,800	3,308	45	39
Mobile reproduction train	3	2	1	1	67	33
Stereocomparagraph equipment	188	187	57	57	99	30
Instruments, drawing, field	7,882	7,580	2,138	2,138	96	27
Bridge, steel, port., H-20	68	62	16	16	91	24
Special equipment, shop co.	13	13	1	1	100	8
Theodolite	297	22	22	22	7	7
Boat, power, with trailer	75	62	7	3	83	4
Searchlight, 24" beach defense	126	126	82	0	100	0
Explosive, ammonium nitrate (tons)	1,470	1,155	0	0	79	0
Multiplex projection equipment	3	3	0	0	100	0
Dup. equip., gelatine, 18" x 18"	581	0	0	0	0	0
Ferry, portable, 30-ton	15	0	0	0	0	0
Saw, timber, gas operated	1,821	0	0	0	0	0
Semi-trailer, 1500-gal. water	112	0	0	0	0	0
Semi-trailer, flat, 20-ton	17	0	0	0	0	0
Explosive, TNT						

Being procured by Ordnance Department

*Figures as of January 31, 1942

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JANUARY 31, 1942

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



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS IN CONTINENTAL U. S.
January 15, 1942

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

During the period of December 31 to January 15, the construction at Air Corps stations being done by the Corps of Engineers has shown the following progress:

Type of Project	No. Projects		Est. Cost*		Work in Place*		Percent in Place	
	Dec 31	Jan 15	Dec 31	Jan 15	Dec 31	Jan 15	Dec 31	Jan 15
G.H.Q. Air Force	36	43	121	195	103	104	85	53
Observation Units	<u>16</u>	<u>16</u>	<u>12</u>	<u>12</u>	<u>8</u>	<u>8</u>	<u>67</u>	<u>67</u>
<u>TACTICAL UNITS</u>	52	59	133	207	111	112	91	54
Technical Schools	6	6	82	82	75	75	91	91
Pilot Schools	46	48	207	219	132	143	64	65
Replacement Centers	2	2	9	9	6	6	67	67
Assembly Plants	4	4	73	74	51	55	70	74
Ferrying Commands	7	7	15	15	7	7	47	47
Experimental Depots	1	1	14	14	5	6	36	43
Air Corps Depots	<u>12</u>	<u>13</u>	<u>129</u>	<u>142</u>	<u>41</u>	<u>44</u>	<u>32</u>	<u>31</u>
<u>NON-TACTICAL UNITS</u>	78	81	529	555	317	336	60	61
TOTAL	130	140	662	762	428	448	66	59

*Millions of dollars

The breakdown into Corps Areas of the Air Corps construction program being done by the Corps of Engineers follows.

Corps Area	No. Proj.	Troop Capacity	Estimated Cost
First	6	13,000	\$ 27,000,000
Second	5	10,000	50,000,000
Third	7	8,000	26,000,000
Fourth	44	112,000	214,000,000
Fifth	6	10,000	41,000,000
Sixth	4	34,000	31,000,000
Seventh	7	15,000	45,000,000
Eighth	30	96,000	197,000,000
Ninth	<u>31</u>	<u>62,000</u>	<u>131,000,000</u>
TOTAL	140	360,000	\$762,000,000

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED FEBRUARY 14, 1942

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

The quarter monthly progress report as of January 31, 1942, covers 233 critical and 121 essential items. These are all the items in the 1941 and 1942 expenditure programs approved to date, including the third supplemental appropriation. It does not cover, however, that part of the third supplemental pertaining to the Army of the Philippine Commonwealth.

There are four types of surgical splints, classed as critical items, listed in the present procurement program. Each is behind schedule as follows:

	Due	Delivered	Behind Schedule
Splint, Cabot	15,350	2,850	12,500
Splint, Thomas, Arm, Hinged	33,720	20,235	13,485
Splint, Army, Leg, Half Ring	27,850	22,810	5,040
Splint, Wrist, Cock-up	22,547	12,834	9,713

The principal cause of delay in the manufacture of this equipment is the scarcity of carbon steel, which is the basic material entering into it.

An Associated Press dispatch dated, Bern, Switzerland, February 3, contained the following information: "Spotted Typhus has spread from the eastern front to Germany and the Nazi-occupied areas, the German Health Ministry announced today, listing 126 cases in Germany and 138 in the occupied eastern countries. The small village of Peruik, in Bulgaria, was mentioned as one where typhus has broken out. German press dispatches also reported a number of cases among Bulgarian gypsies."

In the week ending February 5, the percentage of sick within the continental limits of the United States was 3.51. There were 3.26 percent in hospital and .25 in quarters.

MEDICAL DEPARTMENT - PROCUREMENT STATUS, CRITICAL SURGICAL INSTRUMENTS - JAN. 31, 1942

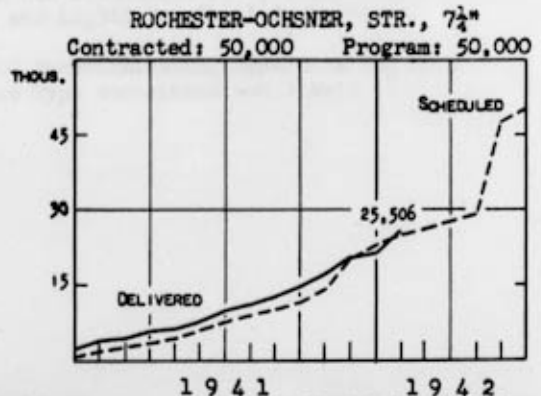
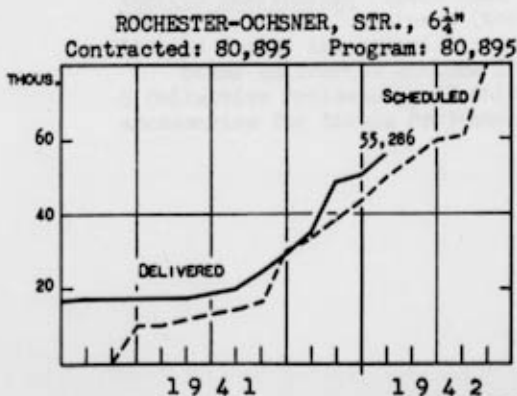
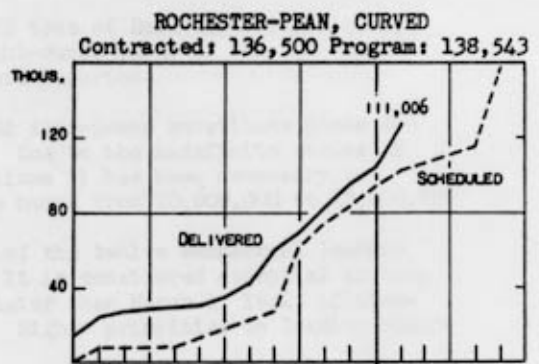
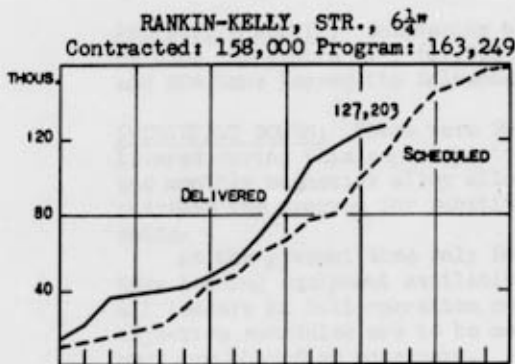
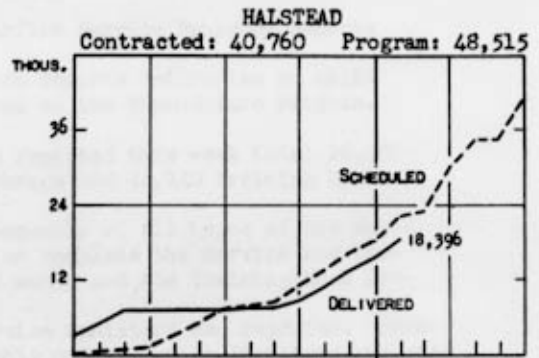
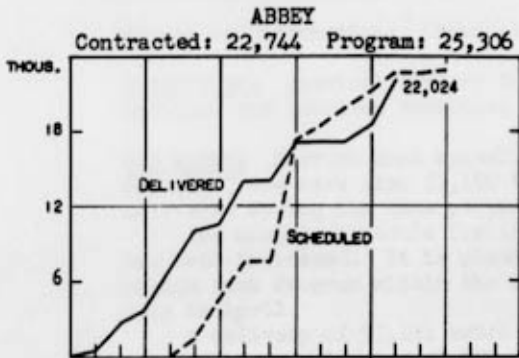
Source of Information: Medical Department Procurement Progress Reports

Item	F.Y. 1941 and 1942 Procure- ment program	Con- tracted thru 1-31	Deliv- ered thru 1-31	Percent of Program		
				Con- tracted	Due	Deliv- ered
Knife, operating, det. blade	296,000	296,000	296,000	100	100	100
Forceps, tissue, spring, 4½" blade	42,017	42,017	41,417	100	99	99
Scissors, iris, angular	4,143	4,100	4,100	99	89	99
Scissors, nasal, angular	3,850	3,850	3,772	100	100	98
Scissors, iris, full curved	6,557	6,516	6,016	99	91	92
Forceps, tissue, Allis	49,973	47,231	46,000	95	84	92
Forceps, intest., Doyen, str.	8,050	8,050	7,260	100	81	90
Forceps, intest., Doyen, curved	7,000	7,000	6,122	100	84	87
Scissors, dissec., curved, 5½"	25,360	24,800	21,760	98	98	86
Retractor, tissue, nested	8,900	8,900	7,532	100	83	85
Forceps, towel (2 sizes)	126,199	117,724	100,156	93	76	79
Forceps, cystic duct, 7½"	2,483	2,350	1,902	95	54	77
Scissors, double blunt, 5½"	21,070	21,070	15,956	100	83	76
Forceps, sponge	97,608	97,608	73,914	100	74	76
Forceps, kidney, curved	9,600	9,600	7,234	100	97	75
Forceps, hyst., Pean, curved	34,892	34,892	25,827	100	47	74
Scissors, suture	4,312	4,312	3,156	100	100	73
Forceps, hemostatic (8 types)	533,748	508,417	367,949	95	62	69
Scissors, tonsil	2,346	1,870	1,550	80	75	66
Scissors, 1 point sharp, 4½"	19,533	13,100	12,600	67	65	65
Holder, needle, Hegar-Mayo	38,126	38,126	23,590	100	76	62
Scissors, dissecting, str., 5½"	18,092	18,092	10,820	100	85	60
Knife, operating, (3 sizes)	55,121	49,616	32,700	90	81	59
Scissors, bandage	194,566	128,053	103,337	66	61	53
Scissors, double blunt, 6½"	5,994	4,613	3,013	77	77	50
Forceps, tissue, spring, 5½" blade	48,573	42,463	24,170	87	55	50
Retractor, abdom., self-retaining	8,200	8,200	3,428	100	64	42
Forceps, bone, rongeur, 10¼"	3,100	3,100	1,275	100	52	41
Forceps, bone-cut., heavy, str.	2,850	2,850	1,180	100	35	41
Scissors, 1 point sharp, 5½"	56,285	27,155	20,882	48	37	37
Forceps, bone, rongeur, 7"	4,992	4,992	1,055	100	25	21

MEDICAL DEPARTMENT - DELIVERY STATUS, HEMOSTATIC FORCEPS - JANUARY 31, 1942

Source of Information: Medical Department Procurement Progress Reports

Includes both 1941 and 1942 program.



TEXT SUMMARY - C. W. S. - STATUS FEBRUARY 6, 1942

Source of Information: Chemical Warfare Service Progress Reports

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

GAS MASKS: Service Mask assemblies reported this week total 26,478 units. There were also 21,190 Diaphragm and 46,740 Training Masks delivered during the same period.

The monthly schedule for the assembly of all types of Gas Masks has been increased. It is planned to complete the Service and Diaphragm Mask Program within the next month and the Training Mask Program in April.

A delivery of 75,171 extra Service Canisters was reported. Johnson & Johnson delivered 41,900 of this number, while Firestone reported 20,626, and Goodyear 12,645 units.

PROTECTIVE AGENTS: Deliveries of 55 tons of Demustardizing Bleach; 69 tons Impregnite "I"; 612,904 eight-ounce tubes of Shoe Impregnite and 206 tons Impregnite Solvents were reported.

INCENDIARY BOMBS: There were 29,522 four-pound substitute bombs delivered during this report period. Due to the indefinite status of the monthly magnesium alloy allocations it has been necessary to increase the program for substitute bombs from 20,000,000 to 40,000,000 units.

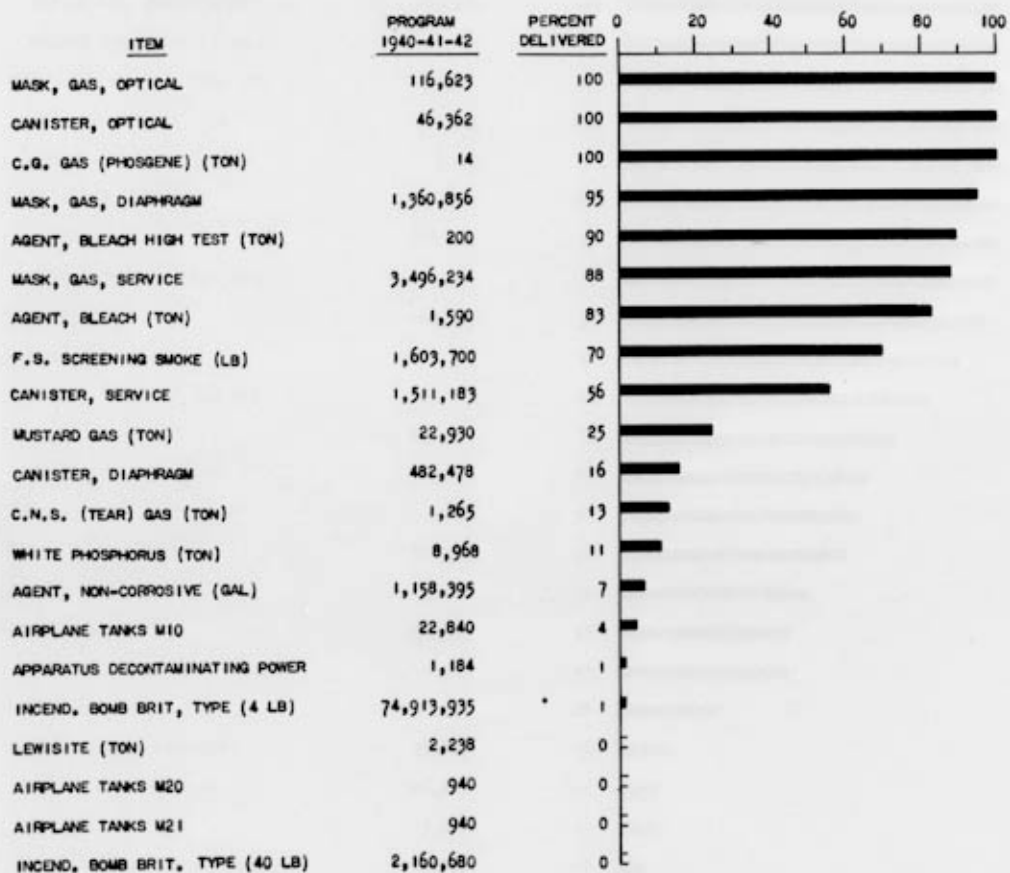
At the present time only four of the twelve commercial loaders have loading equipment available. It is considered essential to have all loaders in full operation not later than March 1, 1942, if time-objective schedules are to be met. Higher priorities on loading equipment are therefore necessary.

VARIOUS DELIVERIES: There were 274 Gas Detonation sets; 68,138 Land Mines; 225 Steel Containers (ton), and 18,365 Gas Proof Curtains delivered during the report period.

Other deliveries include 13,000 Decontaminating Apparatus (1½ qt); 5 Collective Protectors; 18 Chlorine Type containers and 3 sets of accessories for Livens Projectors.

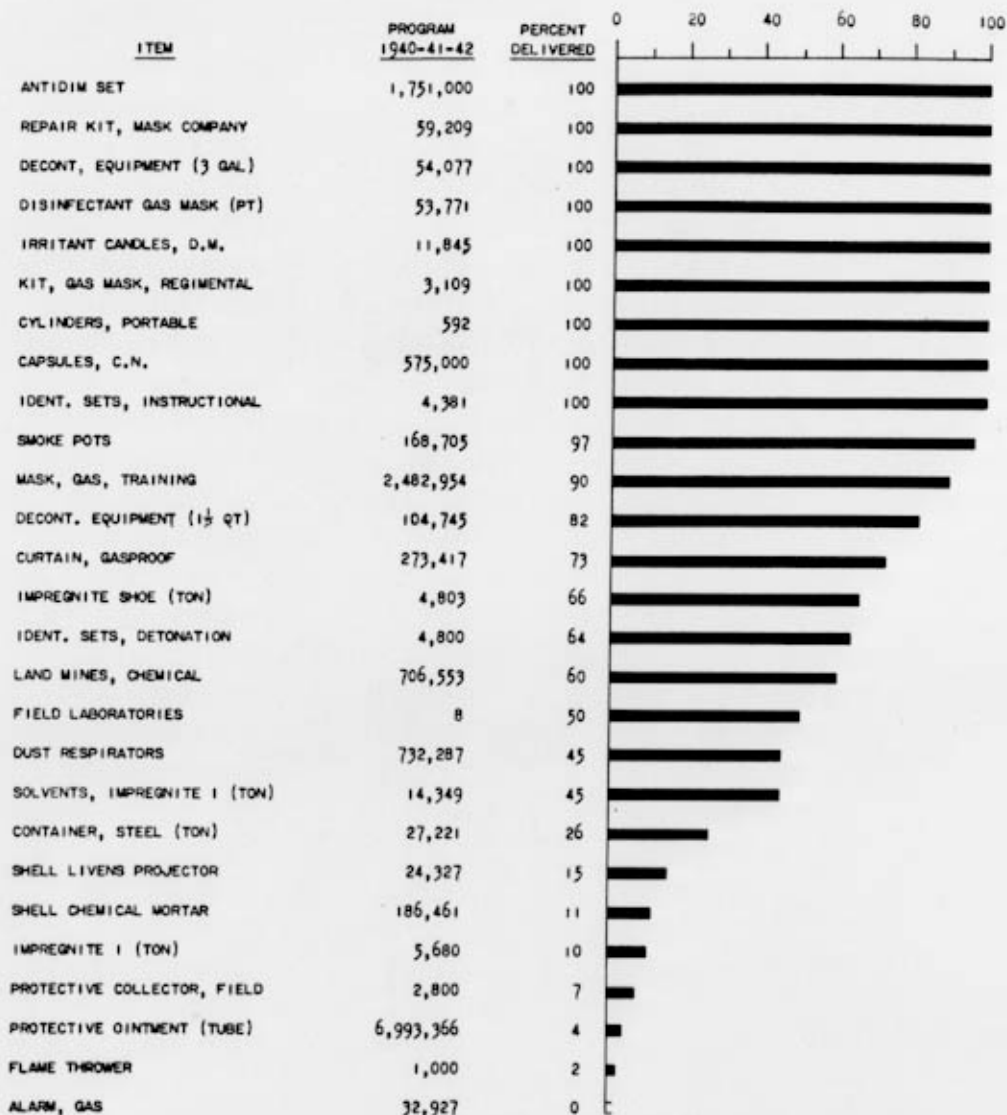
PROCUREMENT PROGRESS - C. W. S. - CRITICAL ITEMS - FEBRUARY 6, 1942

Source of Information: Chemical Warfare Service



PROCUREMENT PROGRESS - C. W. S. - SELECTED ESSENTIAL ITEMS - FEBRUARY 6, 1942

Source of Information: Chemical Warfare Service



SECRET

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

WEEKLY STATISTICAL REPORT

No. 34

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

SUMMARY

Franklin D. Roosevelt Library
DECLASSIFIED
DOD DIR. 5200.9 (9/27/58)

Date- 3-17-59

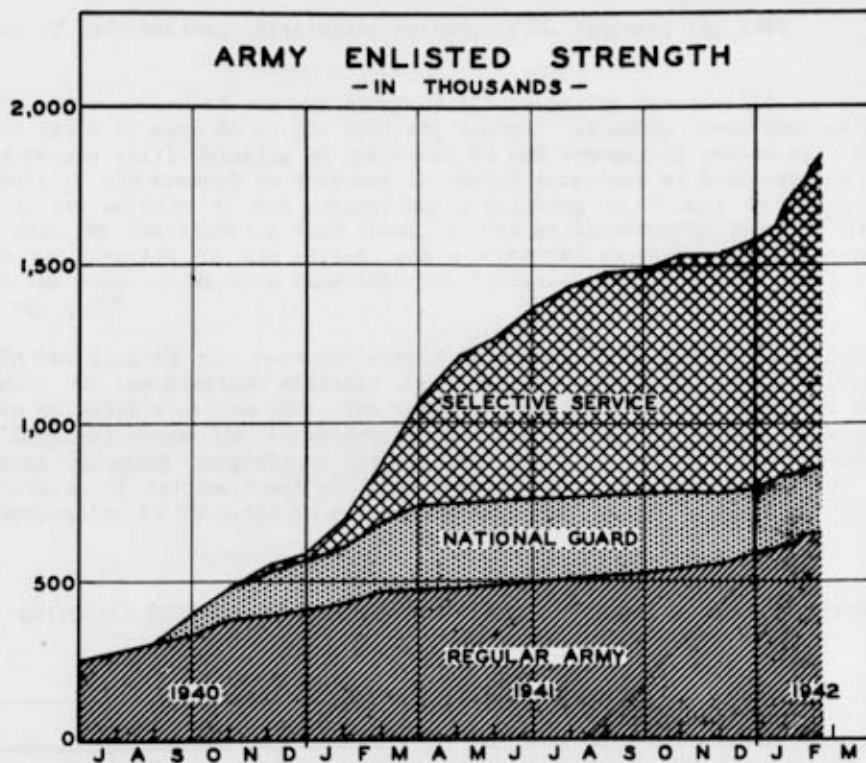
Signature- *Carl S. Spicer*

STATISTICS BRANCH
OFFICE OF THE UNDER SECRETARY OF WAR
WAR DEPARTMENT

Copy No. SB-3442-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY
 REPORT NO. 34
FEBRUARY 21, 1942

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength	1	Text Summary - Proc. of Basic Items ..	23
Editorial Comment	2	Tab. Sum. - Proc. of Basic Items ...	24
		Tab. Sum. - M.V. Proc. by Types	25
		Diagrams: M.V. Proc. by Contractors	26
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Status of Defense Aid Deliveries	3	Text Summary - Procurement	27
Airplane Deliveries	4	Text Summary - Procurement	28
Shipping Data - Ordnance	5	Diagrams: Progress of Deliveries	
Shipping Data - Q.M. Motor Vehicles ..	6	Radio Set SCR-193, etc. ...	29
		Radio Set SCR-506, etc. ...	30
<u>ORDNANCE DEPARTMENT</u>		<u>CORPS OF ENGINEERS</u>	
Text Summary	7	Tabular Summary	31
Time Objective - Equipment - Progress.	8	Tabular Summary	32
Time Objective - Ammunition- Progress.	9	Diagrams:	
Equipment-Procurement Summary	10	Cumulative Constr. Progress	33
Stocks, Total Tr. & Mobil. Req.	11	Status of Compl. CWS Facil.	34
Stocks & Total War Mun. Progr.	12		
Ammunition- Procurement Summary	13	<u>MEDICAL DEPARTMENT</u>	
Aircraft - Bombs	14	Text Summary	35
New & Old Facilities	15	Tab. Sum. - Proc. of Dental Equip..	36
		Diagram - Proc. of Essential Items ..	37
<u>AIR CORPS</u>		<u>CHEMICAL WARFARE SERVICE</u>	
Text Summary - Aircraft Procurement ..	16	Text Summary - Production	38
Tab. Sum. - Current Procurement	17	Diagrams: Procurement Progress	
Diagrams: Airplane Sched. & Deliveries		Critical Items	39
Bomber	18	Selected Essential Items ..	40
Pursuit, Observation & Transport	19		
Trainer	20		
Diagram: Gains & Losses	21		
Diagram: Progress of Facilities	22		



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to February 18, 1942 are shown in the diagram and table. They refer to enlisted strength at the end of each month. The two final figures are estimated.

1940	Total	1941	Total	1941	Total	1942	Total
Jul	268,941	Jan	693,578	Jul	1,428,188	Jan	1,729,000
Aug	302,968	Feb	873,667	Aug	1,481,197	Feb 18	1,844,000
Sep	407,613	Mar	1,068,030	Sep	1,484,024		
Oct	483,218	Apr	1,205,873	Oct	1,526,000		
Nov	540,695	May	1,265,211	Nov	1,528,500		
Dec	573,520	Jun	1,362,760	Dec	1,579,500		

Source of Information: Statistics Branch, General Staff, February 18, 1942

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

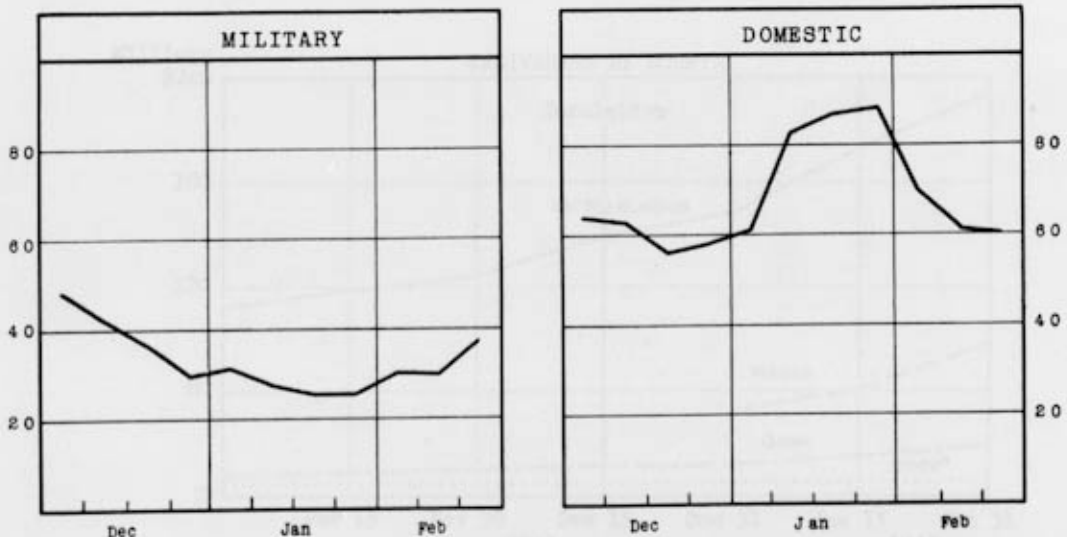
Source of Information: Statistics Branch, OUSW, February 18, 1942

Domestic phases of our war effort still evoke the interest of our editors about twice as much as do the military issues. It seems clear that as a nation we are still thinking of ourselves as the arsenal of democracy. As the keepers of the arsenal we continue to regard ourselves as producers of munitions, but perhaps we are unconsciously thinking of others as being those who will do the fighting with them. We are still assuming that it is our task to give aid to the allies, and our mental attitude still acquiesces with the plea of Winston Churchill to, "Give us the tools, and we will finish the job."

In the diagram the December weekly average of the tallies of editorial comment on the combined military and domestic phases of our war effort is taken as being equal to 100. The total of tallies about the domestic phases has declined since the formation of the War Production Board. Perhaps the present changing proportions between the two classes of tallies mark the transition of our national attitude from an absorption in production to a determination to dominate in a fighting war.

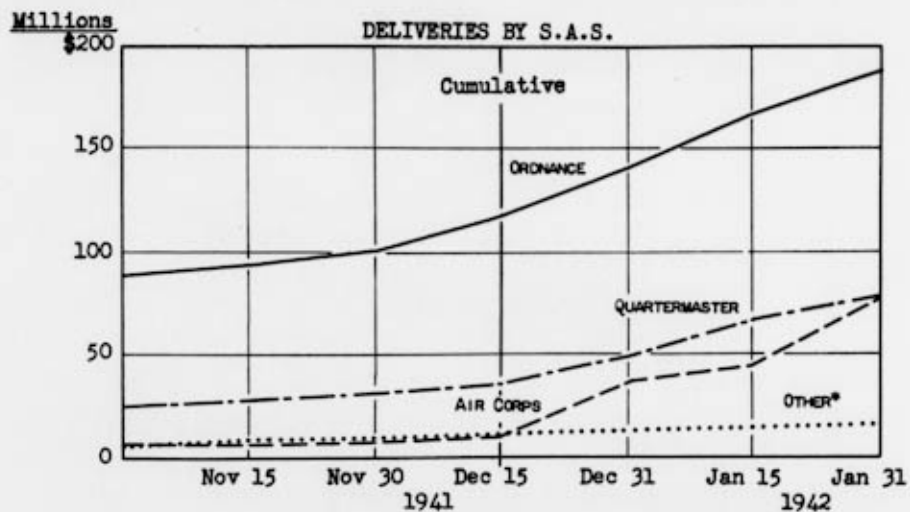
EDITORIAL INTEREST IN MILITARY AND DOMESTIC PHASES OF OUR WAR EFFORT

Dec Avg of Both Combined = 100

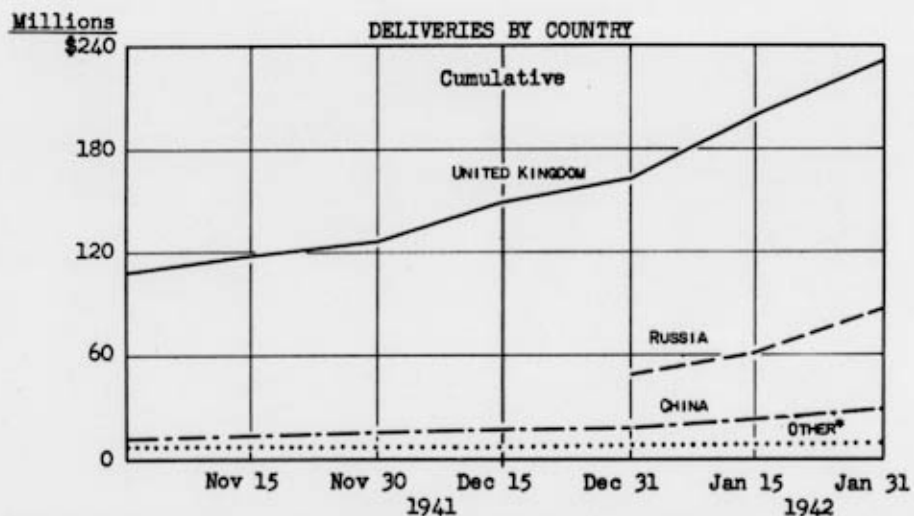


STATUS OF DEFENSE AID DELIVERIES - JANUARY 31, 1942

Source of Information: Fiscal Division, Office of Defense Aid Director



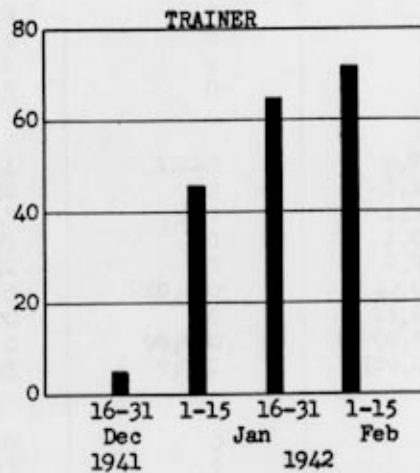
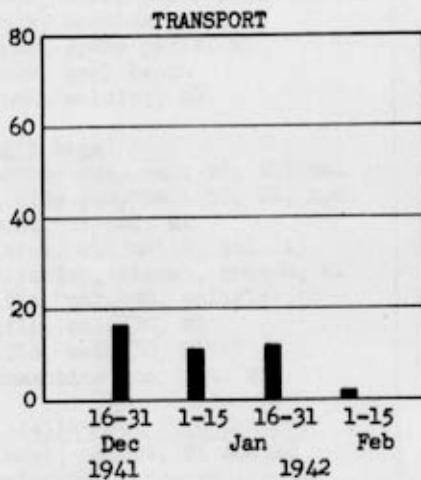
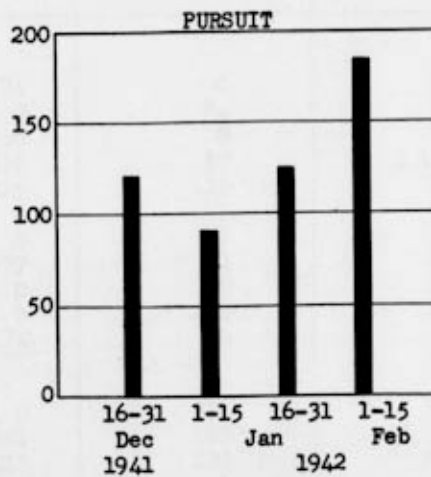
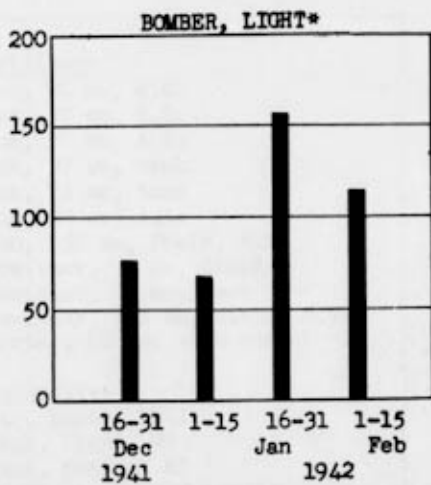
*Includes Chemical Warfare Service, Corps of Engineers, Medical Corps, and Signal Corps.



*Includes Belgium, Brazil, Greece, Netherlands, and Turkey.

DEFENSE AID - AIRPLANE DELIVERIES FROM DEFENSE AID CONTRACTS

Source of Information: Consolidated Statistical Report - Air Corps



*No medium or heavy bombers delivered to date on Defense Aid contracts.

DEFENSE AID - SHIPPING DATA - ORDNANCE - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Shipments		
	Thru Dec. 31	Month of January	Thru Jan. 31
<u>Artillery</u>			
Gun, 20 mm, A.C.	24	0	24
Gun, 37 mm, A.C.	0	24	24
Gun, 37 mm, A.T.	60	0	60
Gun, 37 mm, tank	1,130	67	1,197
Gun, 75 mm, tank	215	136	351
Gun, 90 mm, A.A.	4	0	4
Gun, 155 mm, field, H.S.	0	6	6
Howitzer, 75 mm, field	77	12	89
Howitzer, 75 mm, pack	0	20	20
Howitzer, 155 mm, field, H.S.	0	224	224
Mortar, 81 mm, with mount	34	0	34
<u>Automotive</u>			
Car, scout, M3A1	0	314	314
Tank, light, M3	981	183	1,164
Tank, medium, M3	215	136	351
Truck, emergency repair	0	6	6
Truck, machine shop, M4	3	0	3
Truck, spare parts, M1	4	0	4
Truck, tool bench	1	0	1
Truck, welding, M2	3	0	3
<u>Small Arms</u>			
Machine gun, cal. 30, M1919A4	8,654	1,128	9,782
Machine gun, cal. 50, M2, A.C.	3,102	28	3,130
Mount, tripod, M2	1,243	100	1,343
Pistol, automatic, cal. 45	1,091	0	1,091
Projector, signal, ground, M4	2,322	0	2,322
Rifle, cal. 30, enfield	0	40,000	40,000
Rifle, cal. 30, M1	15,000	0	15,000
Rifle, cal. 30, M1917	0	99,000	99,000
Submachine gun, cal. 45	122,061	7,171	129,232
<u>Miscellaneous Fire Control</u>			
Finder, height, M1 and M2	7	0	7
Instrument, observation, M1	13	3	16
Locator, sound, M2	40	0	40
Post, aiming, M1	682	40	722
Quadrant, gunners, M1	97	10	107

DEFENSE AID - SHIPPING DATA - QUARTERMASTER MOTOR VEHICLES - JANUARY 31, 1942

Source of Information: Office, Quartermaster General

Item	Shipments		
	Thru Dec. 31	Month of January	Thru Jan. 31
Car, 5 passenger, light sedan	800	66	866
Motorcycle, solo	1,692	2,097	3,789
Trailer, 12 ton, low bed	0	2	2
Trailer, 40 ton	239	263	502
Truck, $\frac{1}{4}$ ton	0	2,652	2,652
Truck, $\frac{1}{2}$ ton, carryall	193	157	350
Truck, $1\frac{1}{2}$ ton, 4x2, cargo	2,180	11,818	13,998
Truck, $1\frac{1}{2}$ ton, 4x2, chassis, CKD	0	1,529	1,529
Truck, $1\frac{1}{2}$ ton, 4x2, stake and platform	0	3,068	3,068
Truck, $1\frac{1}{2}$ ton, 4x4, cargo	740	632	1,372
Truck, $1\frac{1}{2}$ ton, 4x4, cargo, with winch	2,206	716	2,922
Truck, $1\frac{1}{2}$ ton, 4x4, dump, with winch	350	0	350
Truck, $2\frac{1}{2}$ ton, 6x4, cargo	558	1,440	1,998
Truck, $2\frac{1}{2}$ ton, 6x6, cargo	3,405	1,716	5,121
Truck, $2\frac{1}{2}$ ton, 6x6, cargo, with winch	3,102	314	3,416
Truck, 4 ton, 6x6, cargo with winch	60	60	120
Truck, 4 ton, 6x6, wrecker, with winch	44	29	73
Truck, 5-6 ton, 4x4, timber haul	32	18	50
Truck, 5-6 ton, 4x4, tractor, with winch	40	72	112
Truck, 6 ton, 6x4, wrecker	0	193	193
Truck, 6 ton, 6x6, prime mover, with winch	0	36	36
Truck, 10 ton, 6x4, G.S., load carrier	46	84	130
Truck, 40 ton, 6x4, tank transporter	425	191	616

TEXT SUMMARY - ORDNANCE DEPARTMENT - FEBRUARY 21, 1942

Source of Information: Ordnance Department

1942 OBJECTIVES

The progress toward accomplishment of the 1942 Objectives for significant items is shown on the two following pages. Objectives for aircraft armament and ammunition have been computed on the basis of schedules for the production of 45,000 tactical planes, the number directed for 1942.

In January, orders were placed for all the medium and light tanks, 40mm antiaircraft guns, 37mm antitank guns, 57mm and 155mm gun ammunition for which funds were available. Approximately \$1,500,000,000 was appropriated for aircraft armament, ammunition and bombs in the Fourth Supplemental National Defense Appropriation, approved January 30, 1942. More than \$12,000,000,000 for ordnance is contained in the Bill now before Congress. The latter money will finance substantially more than the quantities of ordnance in the 1942 Objectives for which funds have not yet been authorized.

AIRCRAFT ARMAMENT

All the aircraft armament in the 1942 Objective has been financed and ordered. January acceptances were at rates almost high enough to fulfill the annual objective. Comparison of the quantities scheduled for delivery in 1942, however, reveal the following discrepancies:

<u>Item</u>	<u>1942 Objective</u>	<u>Scheduled (Jan. 31, 1942)</u>	<u>Difference</u>
Machine gun, cal.30	77,495	70,833	- 6,662
Machine gun, cal.50	126,584	152,196	+25,612
Gun, 20mm automatic	45,342	36,158	- 9,184
Gun, 37mm automatic	2,740	2,409	- 331

The shortages in the schedules result entirely from incomplete schedules, which fall in the closing months of 1942 below the plant capacities now planned:

Four facilities capable of producing about 10,000 caliber .30 machine guns a month by mid-year are being developed.

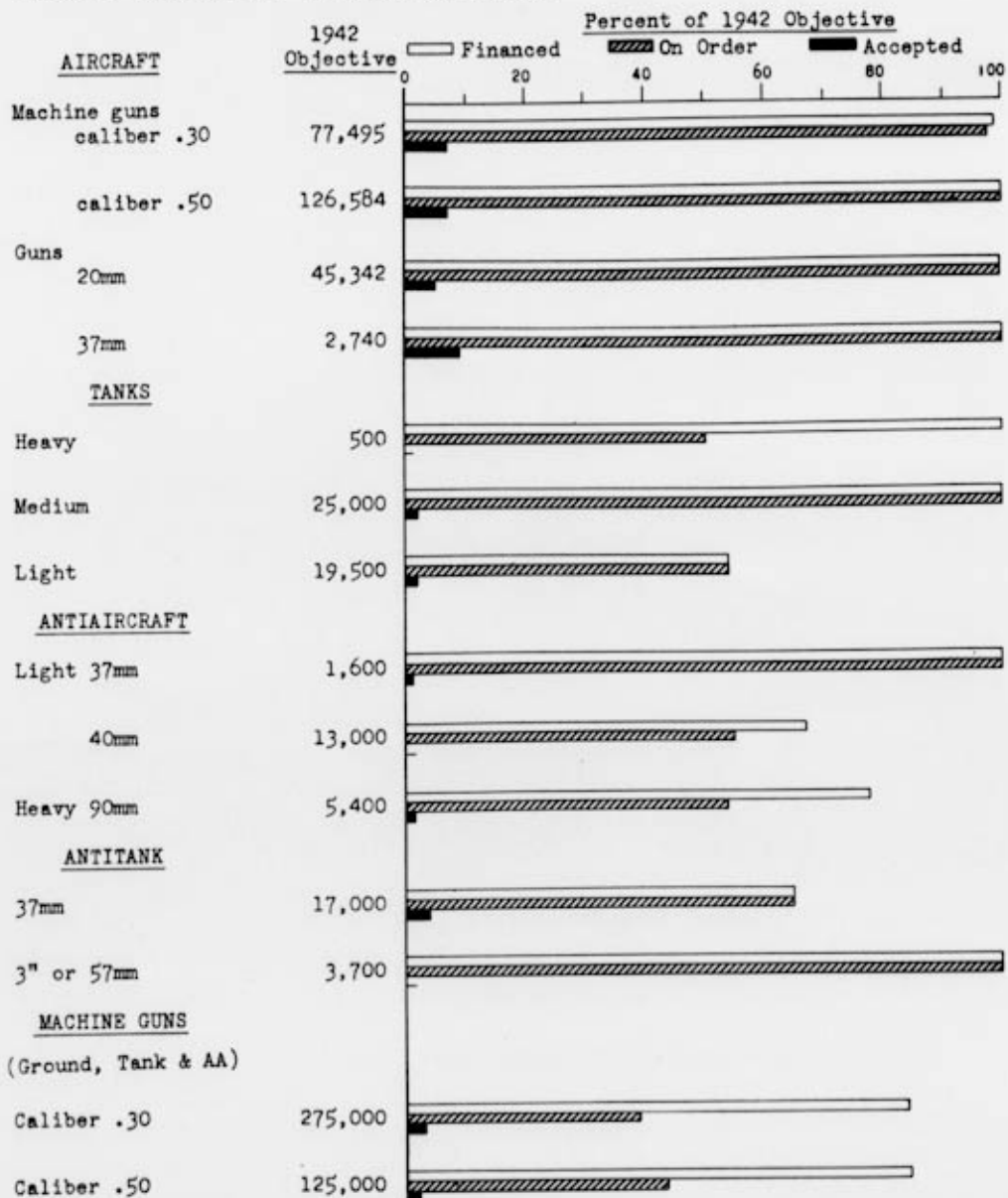
Six facilities producing caliber .50 machine guns are planned to have a monthly capacity of over 16,000 by July, 1942.

The four facilities which are to produce 20mm aircraft guns are planned to have an aggregate capacity in excess of 6,000 guns a month by 1943. Olds Motors, the principal producer, has not yet reported any schedule beyond April. The real limiting factors in the use of these guns are shortages in magazines and hydraulic chargers. The exact quantities of these items available, however, are not known inasmuch as the Air Corps is procuring some indirectly.

Three plants are making tubes for the 37mm aircraft gun and Colt is making the mechanisms. An additional facility for the production of mechanisms is being developed.

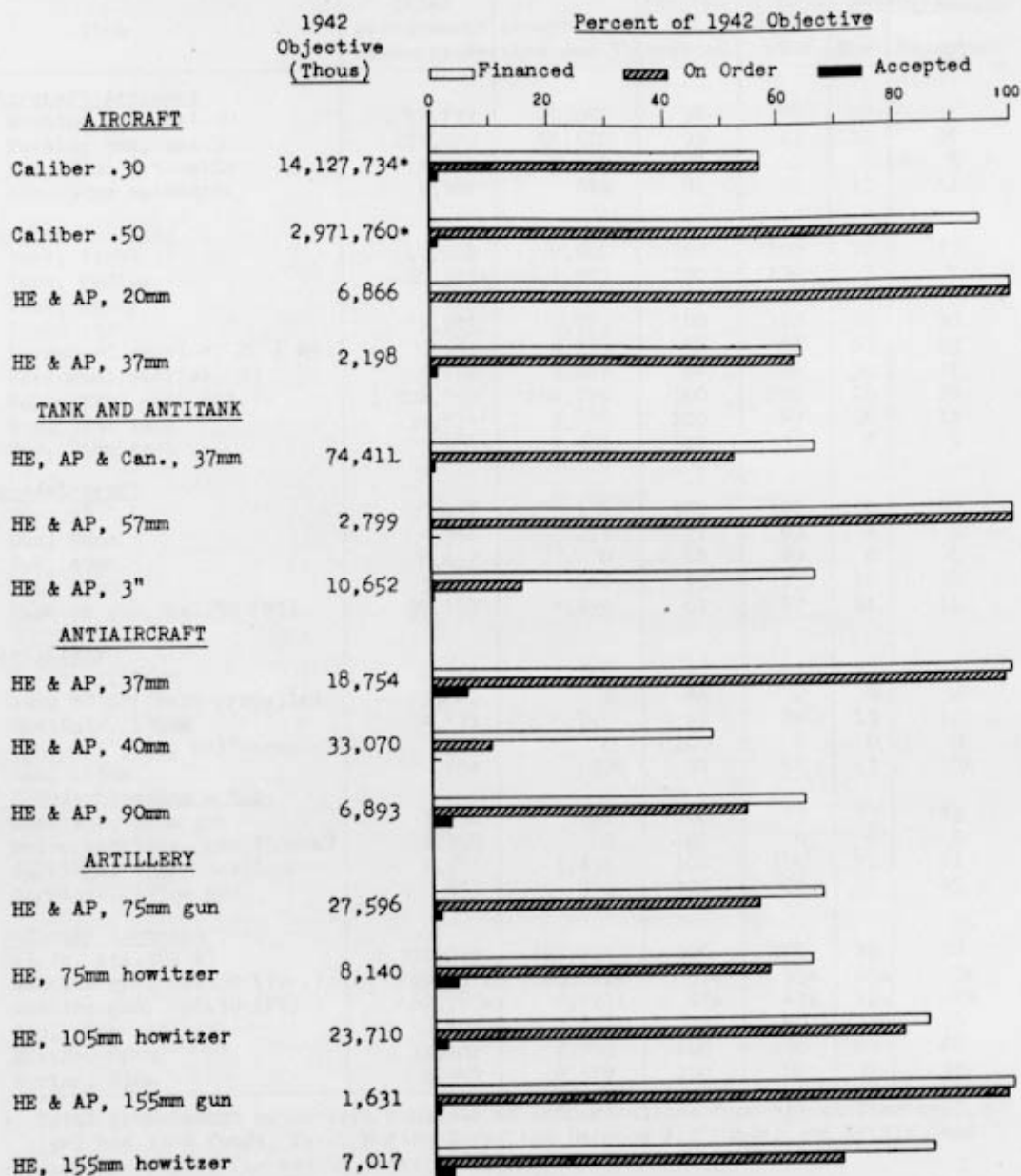
1942 TIME OBJECTIVES - EQUIPMENT - PROGRESS - JANUARY 31, 1942

Source of Information: Ordnance Department



1942 TIME OBJECTIVES - AMMUNITION - PROGRESS - JANUARY 31, 1942

Source of Information: Ordnance Department



* Includes ground ammunition.

EQUIPMENT PROCUREMENT - SUMMARY - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Total procurement authorized*	Acceptances thru Jan 31	Percent of total authorization			
			Con-tracted	Sched-uled	Due	Accepted
<u>Aircraft Armament</u>						
Machine gun, cal.30	92,732	21,057	98	98	22	23
Machine gun, cal.50	224,279	53,570	93	93	26	24
Gun, 20mm automatic	79,783	3,800	100	60	2	5
Gun, 37mm automatic	5,907	640	88	63	10	11
<u>Combat Vehicles</u>						
Tank, light	12,911	2,929	100	100	22	23
Tank, medium	28,315*	1,949	100	100	7	7
Tank, heavy	600	0	42	42	0	0
Scout car	9,245	2,733	100	100	30	30
Personnel carrier, M2 & M4	6,691	4,208	92	92	61	63
Personnel carrier, M3	6,158	2,267	94	99	37	37
Submachine gun, cal.45	1,002,259	262,875	100	100	26	26
Gun, 37mm tank	34,574*	5,828	100	49	16	17
Gun, 75mm tank	27,164*	1,488	100	33	5	5
<u>Antiaircraft</u>						
Gun, 3"	152	152	100	100	100	100
Gun, 90mm	4,356	221	71	63	4	5
Gun, 40mm	8,657	0	82	49	0	0
Gun, 37mm	3,364	548	95	95	16	16
Machine gun, cal.50 (WC)	39,187	4,299	67	67	11	11
<u>Artillery</u>						
Howitzer, 75mm	1,854	546	98	71	25	29
Gun, 3" AT, self-propelled	3,580	0	44	0	0	0
Howitzer, 105mm	4,771	795	98	94	13	17
Gun, 4.5", AT, self-prop.	500	0	100	0	0	0
Gun, 155mm	504	39b	98	98	13	8b
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	977	100	73	73	73
Motor carriage, gun, 75mm AT	1,350	0	100	0	0	0
Carriage, 155mm howitzer	1,584	1,436	100	100	91	91
Carriage, 155mm gun	853	383	100	100	50	45
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,392,069	419,755	100	100	29	30
Machine gun, cal.30 (Var.)	289,697a	65,641a	57a	55a	26a	23a
Machine gun, cal.50 (HB)	67,165a	4,521a	47a	47a	12a	7a
Gun, 37mm antitank	18,603	2,899	73	68	14	16
Mortar, 60mm	11,162	7,365	100	100	63	66
Mortar, 81mm	6,959	2,589	100	100	37	37

* Total procurement authorized consists of authorizations from Fiscal Year 1940, 1941 and 1942 funds, Navy, Marine Corps and Defense Aid funds, and British and Canadian orders for medium tanks and 37mm and 75mm tank guns.

a Figures include armament for combat vehicles.

b Acceptances thru December 31, 1941.

EQUIPMENT - STOCKS AND REQUIREMENTS FOR TRAINING AND MOBILIZATION - FEBRUARY 15, 1942

(DATA EXCLUDE DEFENSE AID)

Source of Information: General Staff

Item	Total requirements Mar 31, 1942 2,240,000 men*	Stocks in depots and with troops	Percent of requirements							
			0	20	40	60	80	100		
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	32,827	23,237	71							
Machine gun, cal.50,fix.&fl.	33,027	37,224	113							
Gun, 20mm automatic	7,207	2,865	40							
Gun, 37mm automatic	1,087	589	54							
<u>Combat Vehicles</u>										
Tank, light	2,168	1,650 b	76							
Tank, medium	2,231	836 c	37							
Scout car	1,798	2,416 d	134							
Personnel carrier, M2 & M4	4,759	4,100	86							
Personnel carrier, M3	6,032	2,011	33							
Machine gun, cal.30 (Var.)	a	a	-							
Machine gun, cal.50 (HB)	a	a	-							
Submachine gun, cal.45	47,256	124,582	264							
Gun, 37mm tank	7,554	1,413	19							
Gun, 75mm tank	2,199	505	23							
<u>Antiaircraft</u>										
Gun, 3" } Gun, 90mm } Gun, 4.7" }	1,644	{ 566 229 0 }	48							
Gun, 37mm } Gun, 40mm }								3,431	{ 540 0 }	16
Machine gun, cal.50 (WC)										
<u>Artillery</u>										
Gun, 75mm (HS)	-	1,015	-							
Howitzer, 75mm, field & pack	275	482	175							
Howitzer, 105mm	2,061	863	42							
Gun, 155mm	64	30	47							
Gun, 155mm (HS)	626	222	35							
Howitzer, 155mm (HS)	858	1,436	167							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto.	894,940	410,265	46							
Carbine, cal.30, M1	740,680	0	0							
Machine gun, cal.30 (Var.)	74,730	58,209	78							
Machine gun, cal.50 (HB)	15,703	4,386	28							
Gun, 37mm antitank	10,214	2,990	29							
Mortar, 60mm	5,431	6,909	127							
Mortar, 81mm	2,978	2,545	85							

a Included in Infantry Armament

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

* Estimated.

EQUIPMENT - STOCKS AND WAR MUNITIONS PROGRAM REQUIREMENTS - FEBRUARY 15, 1942

Source of Information: General Staff

Item	Total requirements Dec 31, 1942 3,635,000 men	Stocks in depots and with troops	Percent of requirements					
			0	20	40	60	80	100
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	51,986	23,237	45	████████████████				
Machine gun, cal.50,fix.&fl.	97,857	37,224	38	██████████████				
Gun, 20mm automatic	3,651	2,865	78	████████████████████				
Gun, 37mm automatic	5,112	589	12	████				
<u>Combat Vehicles</u>								
Tank, light	3,624	1,650 b	46	██████████████				
Tank, medium	5,277	836 c	16	████				
Scout car	2,798	2,416 d	86	████████████████████				
Personnel carrier, M2 & M4	7,766	4,100	53	████████████████				
Personnel carrier, M3	13,190	2,011	15	████				
Machine gun, cal.30 (Var.)	81,346 a	a	-					
Machine gun, cal.50 (HB)	12,907 a	a	-					
Submachine gun, cal.45	101,066	124,582	123	████████████████████				
Gun, 37mm tank	27,794	1,413	5	████				
Gun, 75mm tank	5,245	505	10	████				
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm } Gun, 4.7" }	2,265	{ 566 } { 229 } { 0 }	35	██████████████				
Gun, 37mm } Gun, 40mm }		{ 540 } { 0 }						6
Machine gun, cal.50 (WC)		17,054						
<u>Artillery</u>								
Gun, 75mm (HS)	-	1,015	-					
Howitzer, 75mm, field & pack	295	482	163	████████████████████				
Howitzer, 105mm	739	863	117	████████████████████				
Gun, 155mm	47	30	64	████████████████				
Gun, 155mm (HS)	697	222	32	██████████████				
Howitzer, 155mm (HS)	1,068	1,436	134	████████████████████				
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	417,734	410,265	98	████████████████████				
Carbine, cal.30, M1	1,098,494	0	0	=				
Machine gun, cal.30 (Var.)	163,045	58,209	36	██████████████				
Machine gun, cal.50 (HB)	31,193	4,386	14	████				
Gun, 37mm antitank	18,125	2,990	16	████				
Mortar, 60mm	7,236	6,909	95	████████████████				
Mortar, 81mm	4,188	2,545	61	██████████████				

a Included in Infantry Armament.

Stocks exclude substandard models formerly included (b) 750, (c) 112, (d) 99.

AMMUNITION PROCUREMENT - SUMMARY - JANUARY 31, 1942

Source of Information: Ordnance Department

Item	Total procurement authorized (THOUSANDS)	Acceptances thru Jan 31 (THOUSANDS)	Percent of total authorization		
			Scheduled thru Dec '42	Due	Accepted
<u>Aircraft & Pyrotechnics</u>					
Bomb, frag., 20# a	2,047	564	91	28	28
Bomb, demo., 100#, 300#, 500# a	1,698	377	100	18	22
Bomb, demo., 1000#, 2000#, 4000# a	561	15	75	2	3
Bomb, chem., 30#, 100# *a	603	222	100	42	37
Cartridge, 20mm	131,690	12,675	99	7	10
Shell, HE, 37mm	2,098	724	100	34	35
Flares	902	240	100	29	27
Signals	3,281	1,231	100	41	38
<u>Antiaircraft</u>					
Shell, 37mm, HE	18,094	2,083	62	11	12
Shell, 40mm, HE	14,588	0	37	0	0
Shell, 3", HE	2,134	677	100	24	32
Shell, 90mm, HE	4,395	429	100	11	10
Shell, 105mm, HE	12	0	100	0	0
Shell, 4.7", HE	200	0	15	0	0
<u>Artillery</u>					
Shell, HE, so, 75mm gun	2,356	703	100	35	30
Shell, HE, no, 75mm gun	3,569	62	100	-	2
Shell, HE, ro, 75mm gun	472	120	100	0	26
Shell, g & s, 75mm gun a	1,150	221	100	21	19
Shot, AP, 75mm gun	12,796	0	73	0	0
Shell, HE, 75mm how.	5,575	620	100	6	11
Shell, HE, 105mm how.	20,497	899	57	4	4
Shell, HE, 155mm gun a	1,378	21	75	-	2
Charge, prop., 155mm gun	2,092	233	91	11	11
Shell, HE, 155mm how. a	6,230	374	100	5	6
Shell, g & s, 155mm how. a	1,634	-	56	-	-
Charge, prop., 155mm how.	8,945	1,030	100	13	12
Primer, 21 gr.	15,264	299	66	5	2
Fuzes (all)	17,134	3,751	87	20	22
<u>Infantry</u>					
Cartridge, cal.30	8,919,801	1,004,316	79	11	11
Links, met. belt, cal.30	1,032,222	198,018	66	20	19
Cartridge, cal.45	2,423,907	326,108	29	14	13
Cartridge, cal.50	2,908,494	113,140	55	4	4
Links, met. belt, cal.50	3,129,155	204,469	63	8	7
Shot, shell & canister, 37mm	49,675	1,091	100	2	2
Shell, HE, 60mm	11,310	998	68	7	9
Shell, HE, 81mm	6,055	408	63	6	7
Shell, smoke, 81mm	512	0	82	0	0
Grenade, HE, frag.	8,749	1,038	63	13	12
Signals, ground & light	6,948	1,446	100	22	21
Mine, antitank	3,146	2	100	0	-

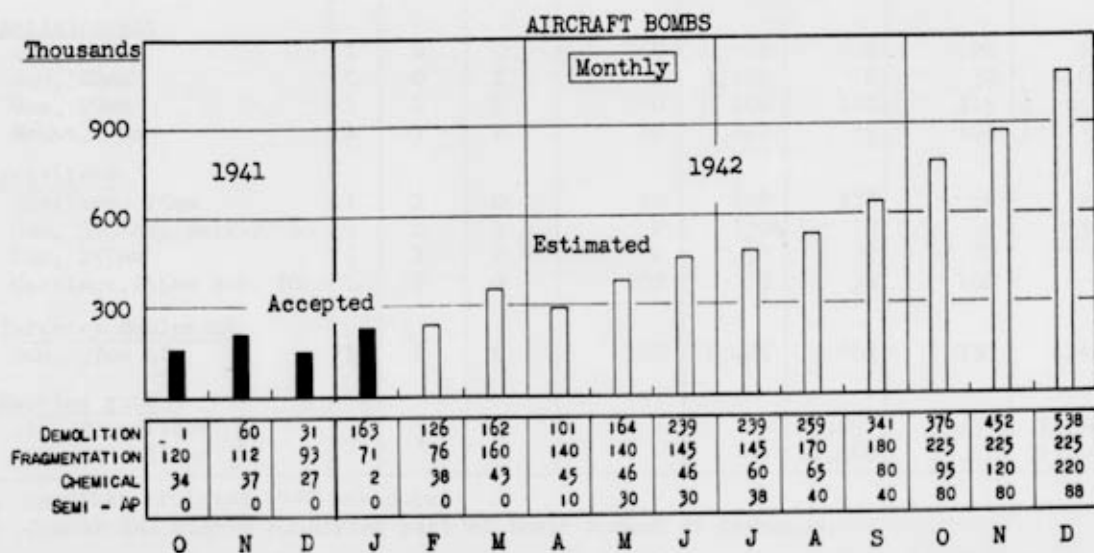
a Unfuzed.
* Unfilled.

AIRCRAFT BOMBS - ACCEPTANCES AND SCHEDULES - JANUARY 31, 1942

Source of Information: Ordnance Department

Over fifty percent of monthly acceptances of aircraft bombs procured by Ordnance will consist of demolition bombs by December, 1942. Initial acceptances of semi-armor piercing bombs are expected in April. All important bombs in the present procurement program are included below except incendiary bombs. These are procured by Chemical Warfare. Chemical bombs reported are empty, as they are loaded by Chemical Warfare.

Item (Thousands)	Authorized	Cumulative Acceptances thru Jan 31	Stocks in depots and with troops Jan 31	Scheduled Acceptances	
				For the periods. Feb & Mar	Apr-Jun
Bomb, demo., 100#, 250#, 300#	7,659	335	204	195	362
Bomb, demo., 500#, 1000#	1,712	110	61	91	134
Bomb, demo., 2000#, 4000#	150	3	3	2	8
Bomb, frag., 20#, 23#	3,646	574	69	236	425
Bomb, chem., empty, 30#, 100#	1,432	222	0	81	137
Bomb, Semi-AP, 500#, 1000#	1,005	0	0	0	70



NEW AND OLD FACILITIES - SELECTED ITEMS AS OF JANUARY 31, 1942

Source of Information: Ordnance Department and Corps of Engineers

Item	Number of Plants			Rated Monthly Capacity		Actual January Production	February Schedule	One 12th 1942 Time Objective
	Old	New		Old Plants	New Plants			
		Oper-ating	Build-ing					
<u>AMMUNITION (Thousands)</u>								
<u>Small Arms</u>	4	3	3					
Caliber .30				105,826	775,750	182,913	207,514	830,377
Caliber .50				18,278	300,750	21,003	28,610	271,237
<u>Shell Loading</u>	4	8	8					
37mm				3,260	17,192	4,094	-	-
60mm				840	2,240	747	-	-
Standard 75mm				350	9,990	2,066	-	-
Lines 155mm				17	2,166	263	-	-
100#				0	1,246	287	-	-
<u>Smokeless Powder (Pounds)</u>	7	2	3	16,656	53,200	44,008	-	-
<u>TNT - DNT (Pounds)</u>	4	3	7	8,500	110,628	29,431	-	-
<u>Ammonium Nitrate (Pounds)</u>	3b	0	4	-	67,200	11,791	-	-
<u>EQUIPMENT</u>								
<u>Aircraft Armament</u>								
Gun, 20mm	0	3	1	0	3,700	2,405	2,710	7,498
Gun, 37mm	1	0	1	500	125	250	250	409
<u>Combat Vehicles</u>								
Tank, light, M3	0	1	4	0	1,223a	378	350	1,625
Tank, medium, M3 & M4	0	6	5	0	3,900	576	665	2,083
Tank, heavy	0	0	2	0	16a	0	0	42
Tank gun, 75mm, M2 & M3	1	1	2	1,000	2,330a	472	485	2,111
<u>Antiaircraft</u>								
Gun, 37mm	1	0	0	350	0	9	25	133
Gun, 40mm	0	0	2	0	1,100	0	30	1,083
Gun, 90mm	1	1	0	300	100	121	115	} 450
Mount, 90mm	1	3	2	75	222	75	105	
<u>Artillery</u>								
Howitzer, 75mm	1	2	0	70	248	118	64	251
Gun, 3", AT, self-prop.	0	0	1	0	130a	0	0	308
Gun, 155mm	1	1	0	8	50	23	30	38
Carriage, 155mm gun, HS	1	0	0	200	0	38	100	42
<u>Infantry Equipment</u>								
Gun, 37mm AT	1	2	1	325	1,025	609	730	1,417
<u>Machine guns</u>								
All .30 caliber	9	7	0	-	-	13,057	13,350	33,700
All .50 caliber				-	-	11,580	15,770	23,663

a One 12th of total 1942 schedule.

b Commercial plants supplying part of their output to Ordnance.

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

ARMY ACCEPTANCES - FEBRUARY 1-15, 1942

During the first half of February, 704 airplanes were accepted by the Army. This was 41 units less than acceptances during the comparable January period. It represented a rise, however, of 52 percent over Army acceptances during the first half of December. The table below shows acceptances during these three periods.

	<u>Dec</u> <u>1-15</u>	<u>Jan</u> <u>1-15</u>	<u>Feb</u> <u>1-15</u>
Bombers	57	32	76
Pursuits	134	175	85
Service Combat	7	48	44
Training	<u>264</u>	<u>490</u>	<u>499</u>
Total	462	745	704

UNITED STATES ACCEPTANCES - FEBRUARY 1-15, 1942

During the first half of February, 1,305 airplanes were accepted by all customers, including the Army. This was 57 units less than the number accepted during the comparable January period. It represented a rise, however, of 38 percent over United States acceptances during the first half of December. The table below shows acceptances during these three periods.

	<u>Dec</u> <u>1-15</u>	<u>Jan</u> <u>1-15</u>	<u>Feb</u> <u>1-15</u>
Bombers	242	158	257
Pursuits	256	443	366
Service Combat	71	120	102
Training	<u>380</u>	<u>641</u>	<u>580</u>
Total	949	1,362	1,305

AIRFRAME WEIGHT DELIVERED - JANUARY 1942

Over 13,000,000 pounds of airframe weight were accepted in January 1942. This was a record figure and approximately 1,500,000 pounds more than was accepted in December. On the basis of poundage delivered, Boeing (Seattle) led United States plants for the second month. Data do not include miscellaneous spare production.

TABULAR SUMMARY - ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 15, 1942

Source of Information: Consolidated Statistical Report - Air Corps

Type	On order but not accepted	Financed but not on order	Total to be accepted	February Army Acceptances(a)				
				Quarter Monthly				Cum. 1-15
				1-8	9-15	16-23	24-31	
Heavy bomber	8,741	6,163	14,904	22	36			58
Medium bomber	4,108	600	4,708	6	10			16
Light bomber	1,645	3,550	5,195	1	1			2
Pur. inter., 2-eng.(b)	1,496	2,160	3,656	20	32			52
Pur. inter., 1-eng.	11,806	4,100	15,906	17	16			33
Total Combat	27,796	16,573	44,369	66	95			161
Observation	34(c)	1,617	1,651	9	19			28
Transport	2,664	870	3,534	7	9			16
Amphibian	74	3	77	0	0			0
Total Service Combat	2,772	2,490	5,262	16	28			44
Total Tactical	30,568	19,063	49,631	82	123			205
Adv. trainer, 2-eng.	4,854	2,275	7,129	40	51			91
Adv. trainer, 1-eng.	1,931	1,984	3,915	48	15			63
Basic trainer	3,307	2,000	5,307	88	117			205
Primary trainer	5,273	1,800	7,073	90	50			140
Total Trainer	15,365	8,059	23,424	266	233			499
Grand Total	45,933	27,122	73,055	348	356			704

Type	MONTHLY ARMY ACCEPTANCES						
	Actual			Estimated(d)			
	Nov 1941	Dec 1941	Jan 1942	Feb 1942	Mar 1942	Apr 1942	May 1942
Heavy bomber	25	64	82	106	125	141	156
Medium bomber	17	92	19	87	119	148	182
Light bomber	0	19	3	10	23	35	76
Pur. inter., 2-eng.(b)	62	53	106	75	95	104	110
Pur. inter., 1-eng.	215	292	250	103	87	85	150
Total Combat	319	520	460	381	449	513	674
Observation	113	45	99	146	83	232	220
Transport	11	8	22	23	40	59	81
Amphibian	1	0	0	0	0	0	0
Total Service Combat	125	53	121	169	123	291	301
Total Tactical	444	573	581	550	572	804	975
Adv. trainer, 2-eng.	53	71	134	169	193	226	268
Adv. trainer, 1-eng.	120	116	181	174	186	205	229
Basic trainer	233	163	327	289	247	264	268
Primary trainer	331	376	337	315	355	335	328
Total Trainer	737	726	979	947	981	1,030	1,093
Grand Total	1,181	1,299	1,560	1,497	1,553	1,834	2,068

(a) Deducted from first column.

(b) Includes pursuit-fighter class.

(c) Includes 3 reconnaissance.

(d) Materiel Division Estimates - 1-31-42.

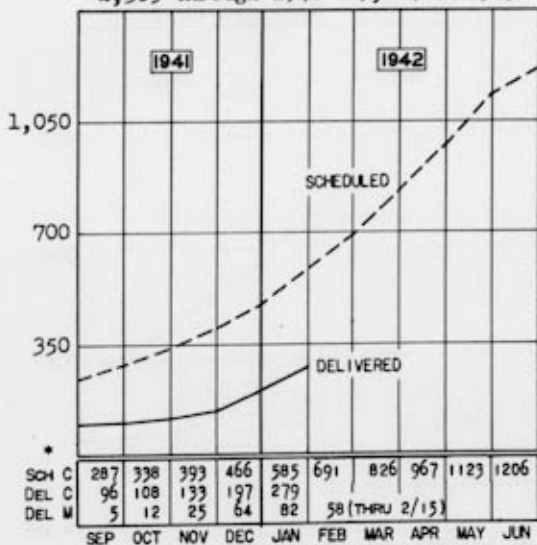
ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 15, 1942

Source of Information: Consolidated Statistical Report - Air Corps

*NOTE: SCH C MEANS SCHEDULED CUMULATIVELY SINCE JUNE 30, 1940 DEL C MEANS DELIVERED CUMULATIVELY SINCE JUNE 30, 1940 DEL M MEANS DELIVERED MONTHLY SINCE JUNE 30, 1940

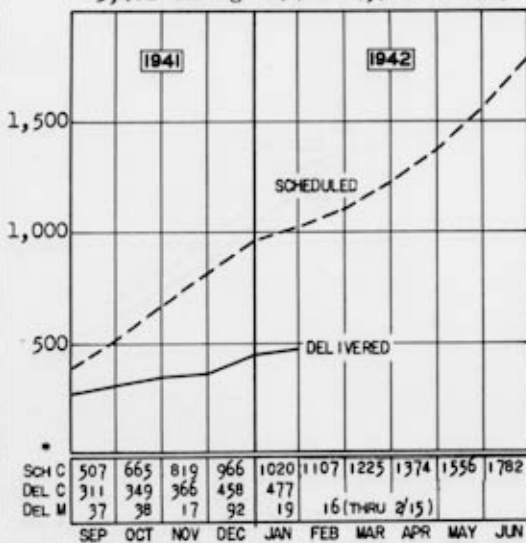
HEAVY BOMBER

2,365 through 1942 - 9,204 in 1943



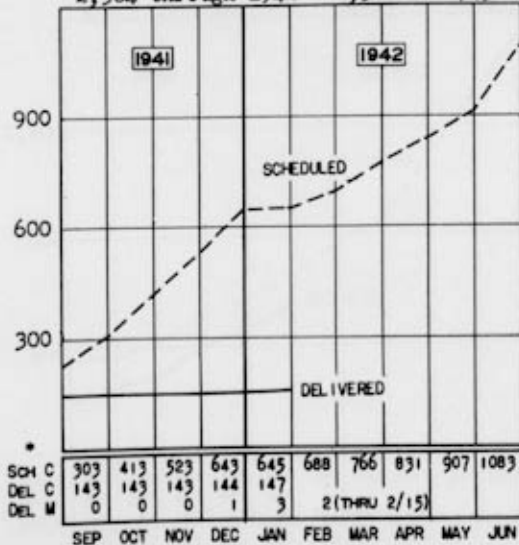
MEDIUM BOMBER

3,401 through 1942 - 4,918 in 1943



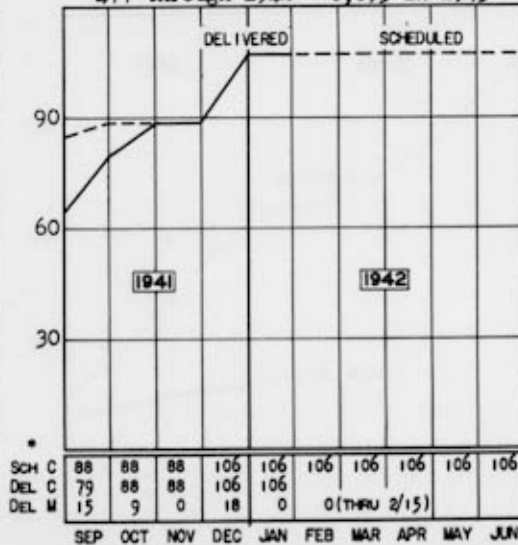
LIGHT BOMBER, 2-ENG.

2,504 through 1942 - 2,510 in 1943



LIGHT BOMBER, 1-ENG.

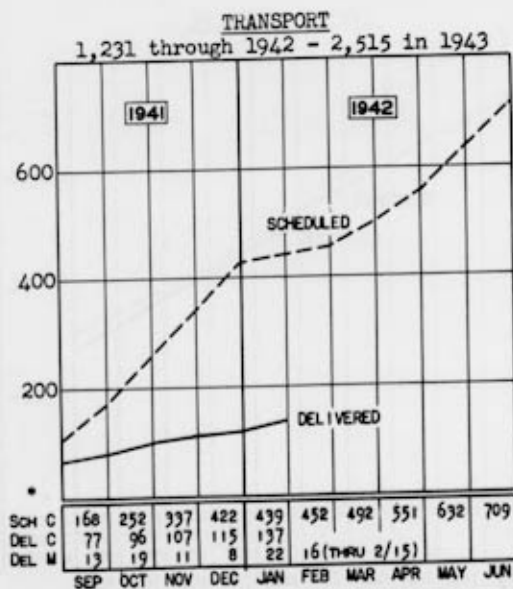
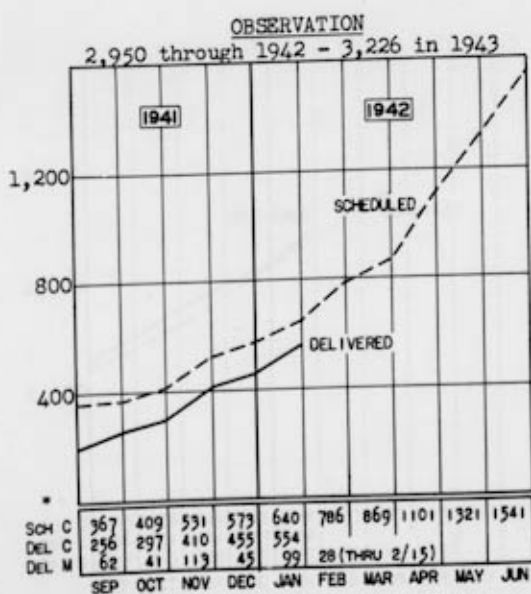
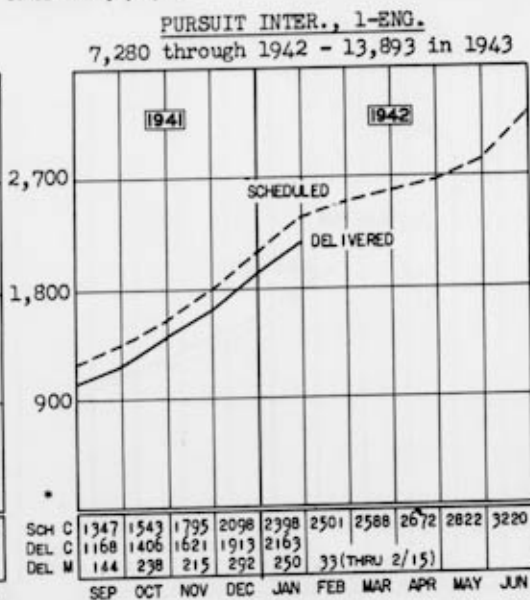
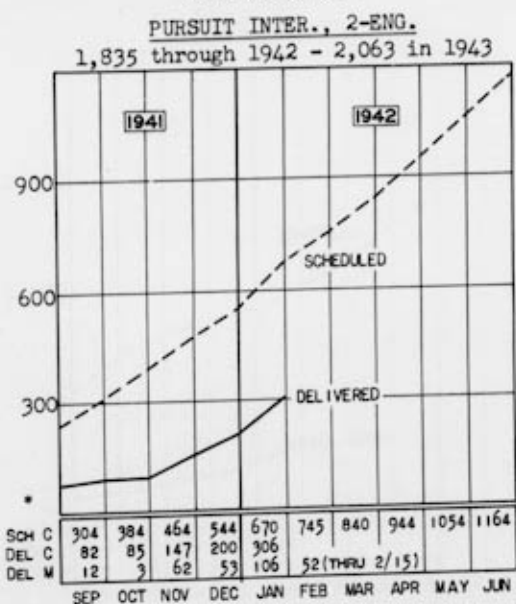
477 through 1942 - 6,093 in 1943



ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 15, 1942

Source of Information: Consolidated Statistical Report - Air Corps

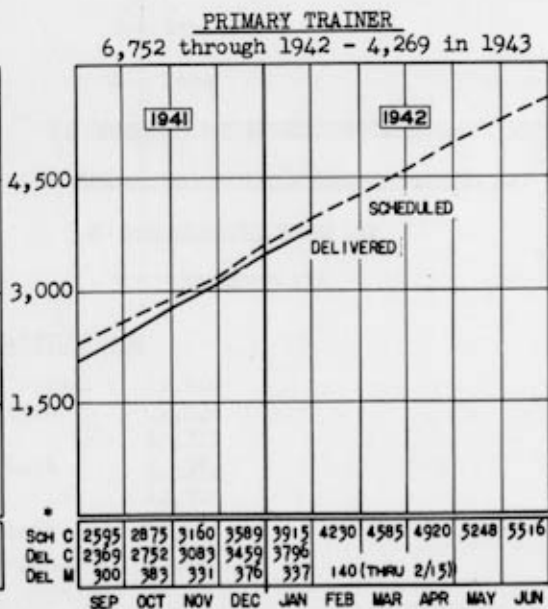
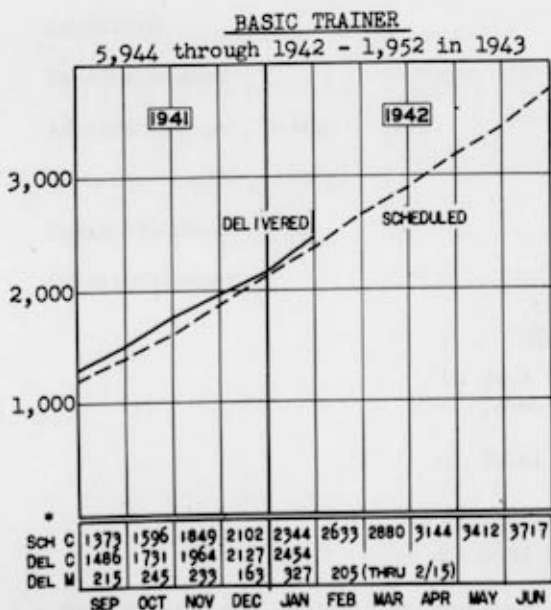
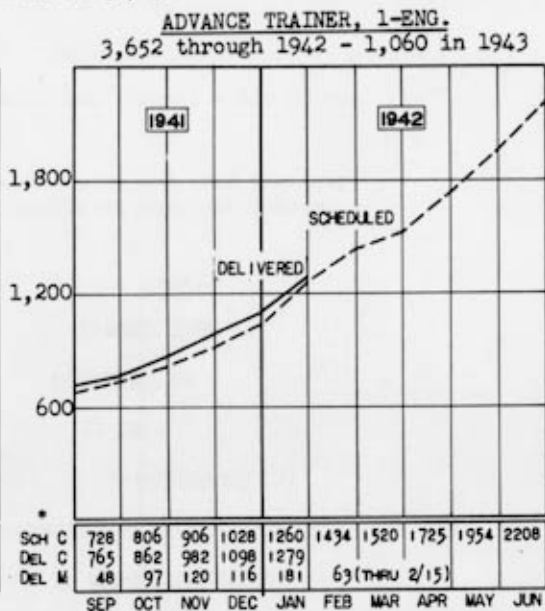
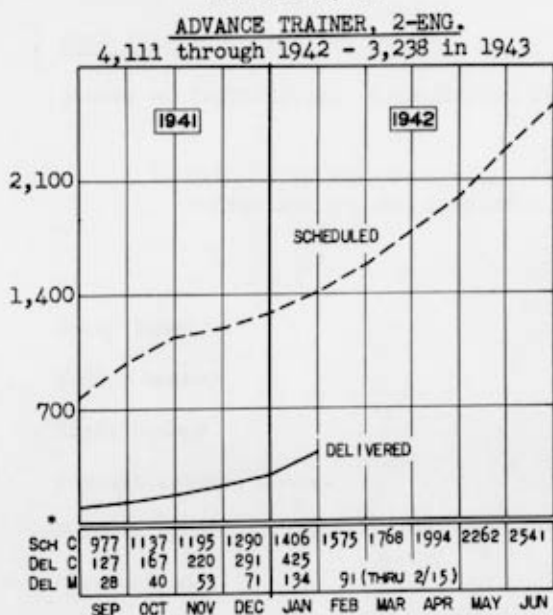
*NOTE: SCH C MEANS SCHEDULED CUMULATIVELY SINCE JUNE 30, 1940 DEL C MEANS DELIVERED CUMULATIVELY SINCE JUNE 30, 1940 DEL M MEANS DELIVERED MONTHLY SINCE JUNE 30, 1940



ARMY AIRPLANES - CURRENT PROCUREMENT - FEBRUARY 15, 1942

Source of Information: Consolidated Statistical Report - Air Corps

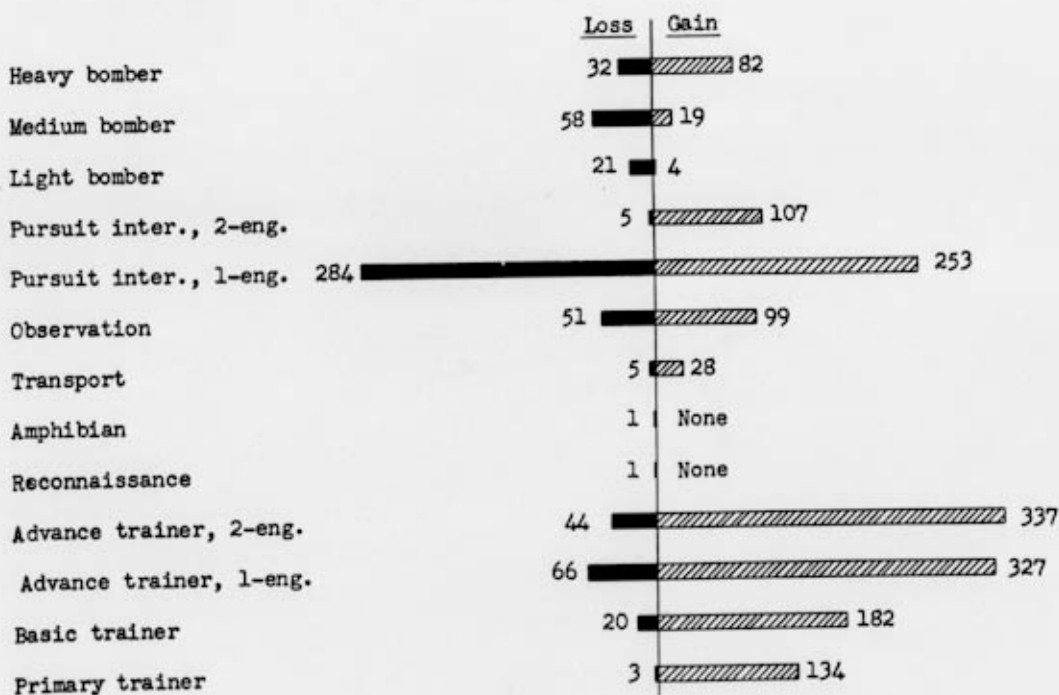
*NOTE: SCH C MEANS SCHEDULED CUMULATIVELY SINCE JUNE 30, 1940 DEL C MEANS DELIVERED CUMULATIVELY SINCE JUNE 30, 1940 DEL M MEANS DELIVERED MONTHLY



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

Source of Information: Consolidated Statistical Report - Air Corps

Data cover new production, transfers to and from the Army, condemnations, and available reports on physical losses.



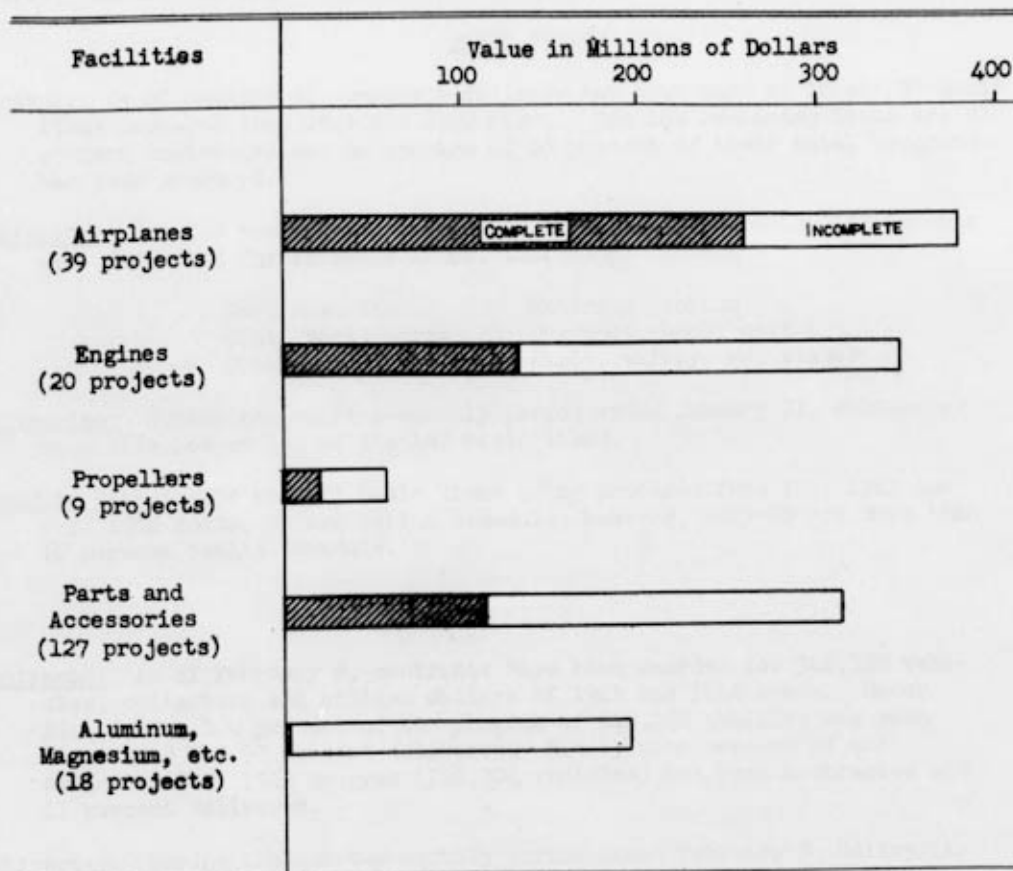
RECAPITULATION

On Hand 12-31-41	11,740
Total Gain	1,572
	13,312
Total Loss	-591
	12,721
* Repossessions	+1,165
On Hand 1-31-42	13,886

* From Defense Aid, Britain and Russia.

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

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



RECAPITULATION

<u>Facilities</u>	<u>Completed to date</u>	<u>Percent</u>	<u>Estimated total cost</u>
Airplanes	\$259,342,000	68.5	\$378,845,000
Engines	132,436,000	38.7	342,107,000
Propellers	19,927,000	35.1	56,788,000
Parts, etc.	113,191,000	36.1	313,960,000
Aluminum, etc.	3,147,000	1.6	194,505,000
Total	528,043,000	41.1	1,286,204,000

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

Source: Statistics Branch, Office of the Quartermaster General - Feb. 19, 1942

BASIC ITEMS

General: As of January 31, complete delivery has been made on 18 of 187 basic items procured from 1941 and 1942 funds. The 169 remaining items are 91 percent contracted and an average of 56 percent of their total programs has been procured.

Contracts: For the period ended January 31, increases in contracted amounts were indicated for 16 basic items, including:

Bar, mosquito	Mattress, cotton
Coat, wool, serge	Overcoat, wool, melton
Duck, cotton, tent	Razor, safety, w/5 blades

Deliveries: During the quarter-monthly period ended January 31, deliveries were effected on 124 of the 187 basic items.

Schedule Status: Of the 187 basic items being procured from F.Y. 1941 and F.Y. 1942 funds, 65 are behind schedule; however, only 26 are more than 10 percent behind schedule.

MOTOR VEHICLES

Contracts: As of February 8, contracts have been awarded for 344,188 vehicles, obligating 464 million dollars of 1941 and 1942 funds. Under 1941 funds, 100 percent of the program of 242,228 vehicles has been contracted and 97 percent delivered. Ninety-nine percent of the estimated F.Y. 1942 program (102,304 vehicles) has been contracted and 11 percent delivered.

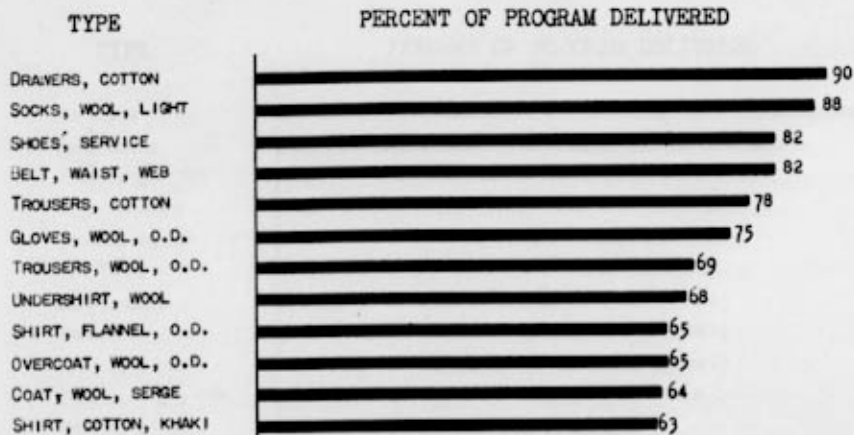
Deliveries: During the quarter-monthly period ended February 8, deliveries were reported on 4,981 vehicles. Cumulative deliveries under 1941 funds amounted to 234,734 vehicles at a cost of 324 million dollars. Cumulative deliveries under 1942 funds totaled 10,882 vehicles at a cost of 14 million dollars.

Schedule Status: Based on estimated delivery schedules, 8,679 vehicles were behind schedule; 1,041 vehicles, however, were delivered ahead of schedule.

TABULAR SUMMARY - Q.M.C. PROCUREMENT OF SELECTED CLOTHING BASIC ITEMS - F.Y. 1941 & 1942

Source: Statistics Branch, Office of the Quartermaster General - February 8, 1942

Type	Procurement program (Estimated)	Contracted (Delivered & undelivered)	Scheduled for Feb. 8	Delivered through Feb. 8	Percent of program		
					Contracted	Due	Delivered
Drawers, cotton	32,611,706	32,611,706	28,264,774	29,307,675	100	87	90
Socks, wool, light	44,450,324	44,450,324	35,811,126	39,253,468	100	81	88
Shoes, service	18,536,940	16,943,678	15,657,353	15,262,964	91	84	82
Belt, waist, web	6,809,555	6,809,555	4,801,055	5,598,655	100	71	82
Trousers, cotton	18,267,754	17,057,925	13,253,853	14,175,238	93	73	78
Gloves, wool, o.d.	6,145,959	6,134,090	4,874,476	4,616,792	100	79	75
Trousers, wool, o.d.	14,764,724	13,365,325	9,588,316	10,218,448	91	65	69
Undershirt, wool	16,449,552	14,046,336	10,943,573	11,116,965	85	67	68
Shirt, flannel, o.d.	16,591,179	16,591,179	10,668,394	10,862,922	100	64	65
Overcoat, wool, o.d.	4,690,381	4,668,249	2,947,727	3,046,368	100	63	65
Coat, wool, serge	8,813,516	8,813,516	5,538,454	5,643,690	100	63	64
Shirt, cotton, khaki	24,268,854	24,268,854	14,659,370	15,351,497	100	60	63

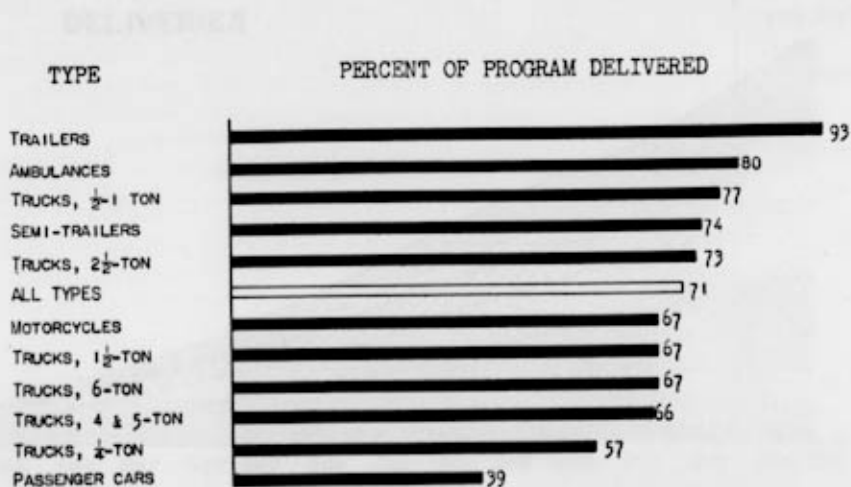


TABULAR SUMMARY - QUARTERMASTER CORPS - MOTOR VEHICLE PROCUREMENT - F.Y. 1941 & 1942

Source: Statistics Branch, Office of the Quartermaster General - February 8, 1942

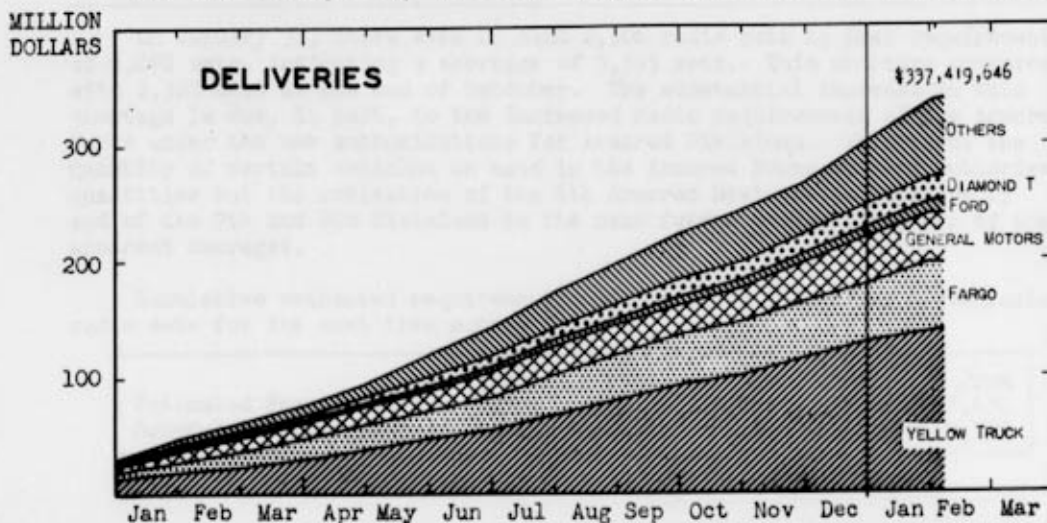
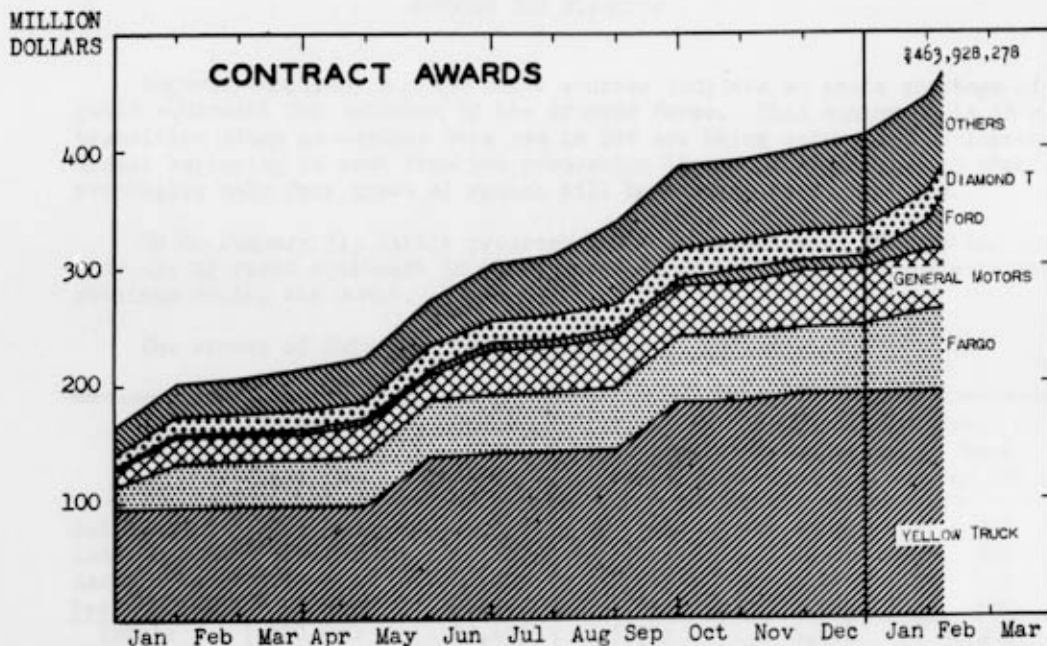
Type	Procurement program (Estimated)	Contracted (Delivered & undelivered)	Scheduled for * Feb. 8	Delivered through Feb. 8	Percent of program		
					Con-tracted	Due	Deliv-ered
Motorcycles	11,370	11,370	9,870	7,673	100	87	67
Passenger cars	16,213	16,213	6,605	6,377	100	41	39
Ambulances	7,195	7,195	5,834	5,778	100	81	80
Trucks, $\frac{1}{2}$ -ton	39,298	39,293	22,611	22,257	100	58	57
Trucks, $\frac{1}{2}$ -1-ton	77,309	76,970	59,611	59,478	99	77	77
Trucks, $1\frac{1}{2}$ -ton	56,294	56,294	39,493	37,829	100	70	67
Trucks, $2\frac{1}{2}$ -ton	86,152	86,152	66,162	62,925	100	77	73
Trucks, 4 & 5-ton	10,976	10,976	7,268	7,275	100	66	66
Trucks, 6-ton	1,099	1,099	629	735	100	57	67
Semi-trailers	2,800	2,800	1,967	2,062	100	70	74
Trailers	35,826	35,826	33,204	33,227	100	93	93
TOTAL	344,532	344,188	253,254	245,616	99	74	71

* Scheduled amounts and "Percent due" figures are based on manufacturer's estimates and are not contractual obligations.



MOTOR VEHICLE PROCUREMENT BY CONTRACTORS - F. Y. 1941 AND 1942 FUNDS

Source: Statistics Branch, Office of the Quartermaster General - February 8, 1942



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - FEBRUARY 14, 1942

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

Reports compiled from the above sources indicate an acute shortage of radio equipment for vehicles of the Armored Force. This equipment is in a transition stage as certain sets now in use are being superseded by improved models beginning to come from the production lines. It is indicated that eventually only four types of radios will be used in these vehicles.

Up to January 31, little progress had been made toward alleviating the shortage of radio equipment in the Armored Force, although 260 new sets were obtained during the month.

The status of this equipment on January 31 follows:

Item	Authorized Program	Under Contract	Authorized Requirements For AF	Required for vehicles on Hand - AF	Total on Hand in AF*
Radio SCR-506	13,500	3,110	984	1,041	902
Radio SCR-508	13,430	2,827	1,458	1,554	321
Radio SCR-528	24,533	20,647	1,695	1,588	653
Radio SCR-538	48,617	12,901	1,836	1,908	630
Totals	100,080	39,485	5,973	6,091	2,506

On January 31, there were on hand 2,506 radio sets to meet requirements of 6,091 sets, indicating a shortage of 3,585 sets. This shortage compares with 2,362 sets at the end of December. The substantial increase in this shortage is due, in part, to the increased radio requirements of the Armored Force under the new authorizations for Armored Divisions. At present the quantity of certain vehicles on hand in the Armored Force exceeds authorized quantities but the activation of the 6th Armored Division on February 15 and of the 7th and 8th Divisions in the near future will utilize all of these apparent overages.

Cumulative estimated requirements and scheduled deliveries of vehicular radio sets for the next five months follow:

	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>
Estimated Requirements	6,304	6,525	6,769	7,101	7,434
Scheduled Deliveries*	3,855	4,196	4,805	5,818	7,178

On December 31, there were 441 incomplete radio sets on hand in the Armored Force. This figure showed a decrease to 373 incomplete sets in January. The principal reason for the existence of incomplete sets is the shortage of antennas, cords, adapters, and headsets. To facilitate the installation of radio equipment in vehicles, component parts are shipped directly to Armored Force Units and partial shipments necessarily result in the reporting of incomplete sets.

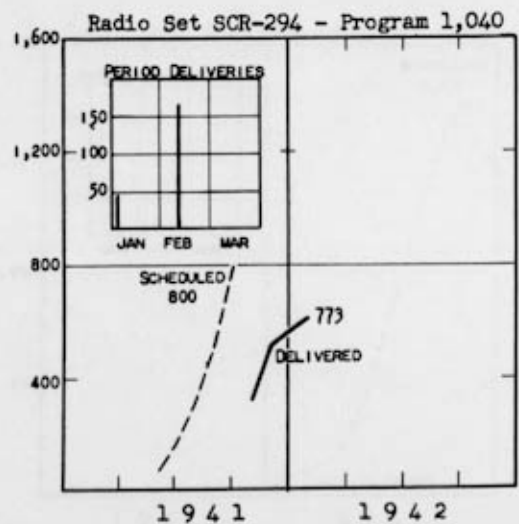
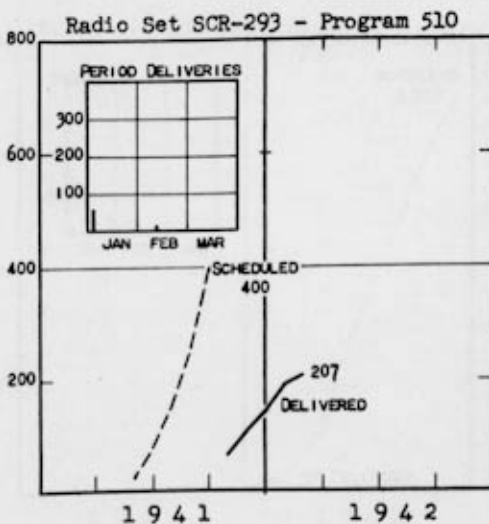
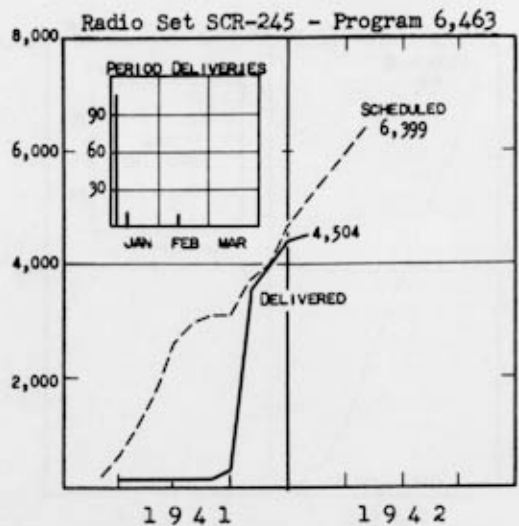
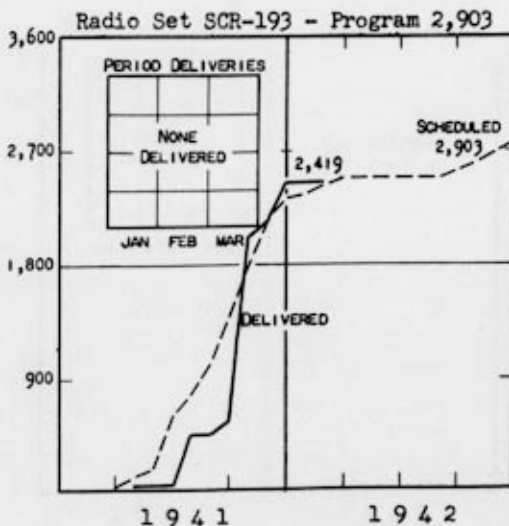
In the subsequent pages there are shown charts indicating program, schedules, and actual deliveries of the SCR-193, SCR-245, SCR-293, SCR-294, SCR-506, SCR-508, SCR-528 and SCR-538, vehicular radio sets. These charts cover the entire program on these items and are not restricted to quantities under procurement for the Armored Force.

It will be noted that the charts on the SCR-506, SCR-508, SCR-528 and SCR-538 reflect few deliveries and that schedules are incomplete. These are new items of equipment and at present the SCR-193, SCR-210, SCR-245, SCR-293 and SCR-294 are considered as substitute standard equipment pending volume delivery of the newer types.

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

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION GROUND
FEBRUARY 14, 1942

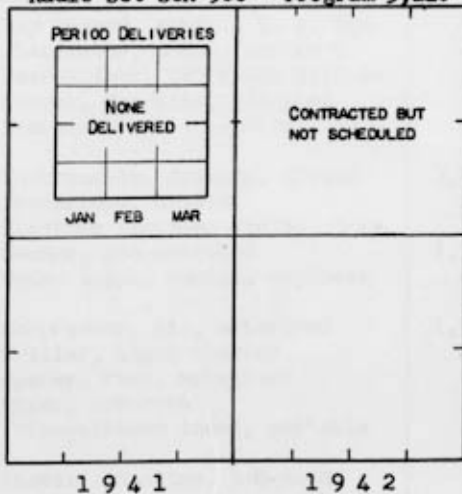
Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division



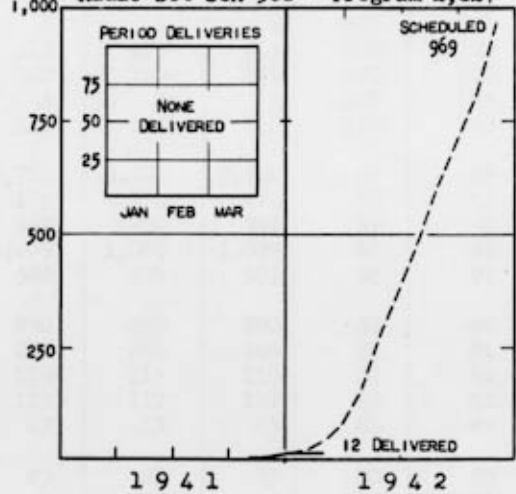
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION GROUND
FEBRUARY 14, 1942

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

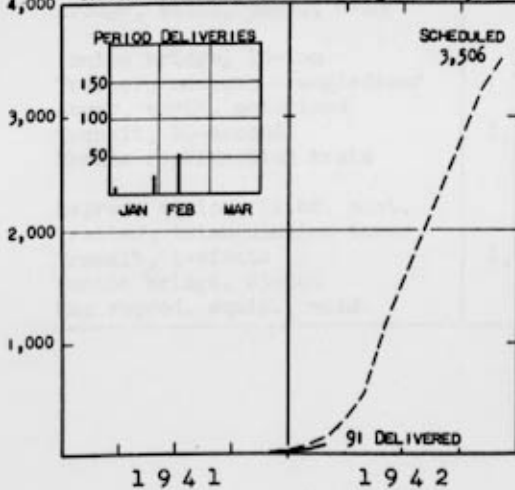
Radio Set SCR-506 - Program 3,110



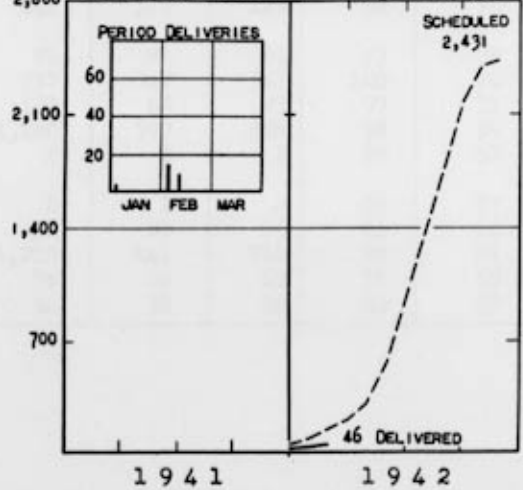
Radio Set SCR-508 - Program 2,827



Radio Set SCR-528 - Program 20,647



Radio Set SCR-538 - Program 12,901



TABULAR SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROCESS THROUGH FEBRUARY 15, 1942

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

STATUS OF SELECTED ITEMS

Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Feb. 15	Contracted	Delivered
Map reprod. equip., C. A. Hqs.	4	4	4	4	100	100
Planimeter, polar, Amster's	413	413	413	413	100	100
Searchlight, 18" beach defense	160	160	160	160	100	100
Shovel, gasoline, 3/4-yard	5	5	3	5	100	100
Stereoscope, lens-prism	142	142	142	142	100	100
Instruments, drawing, office	3,702	3,701	3,701	3,701	99	99
Footbridge, M-1938	187	174	174	174	93	93
Electric lighting equip., 5 kw	381	352	294	352	92	92
Hammer, gas-operated	1,173	1,079	1,079	1,079	92	92
Water supply equip., engineer	631	580	576	572	92	91
Compressor, air, motorized	1,016	890	890	890	88	88
Trailer, light tractor	238	200	200	200	84	84
Grader, road, motorized	145	119	119	119	82	82
Mixer, concrete	142	117	117	117	82	82
Triangulation tower, portable	53	43	43	43	81	81
Shovel, gasoline, 3/8-yard	104	83	83	83	80	80
Water supply equip., supply bn.	10	8	8	8	80	80
Welding and cutting set	232	182	182	182	78	78
Compass, lensatic, w/case (thous)	153	119	119	119	78	78
Bridge, steel, port., H-10	171	141	117	129	82	75
Ponton bridge, 10-ton	109	91	81	81	83	74
Tractor, medium, w/angledozer	737	737	547	547	100	74
Auger, earth, motorized	103	100	68	73	97	71
Transit, 20-second	1,282	1,260	797	888	98	69
Mobile reproduction train	3	2	2	2	67	67
Reprod. equip., litho. plat.	3	2	2	2	67	67
Trailer, triangulation tower	107	86	86	66	80	62
Transit, 1-minute	1,242	1,212	841	760	98	61
Ponton bridge, 25-ton	107	76	76	63	71	59
Map reprod. equip., mtzd.	54	34	32	32	63	59

TABULAR SUMMARY - CORPS OF ENGINEERS -- (Continued)

STATUS OF SELECTED ITEMS

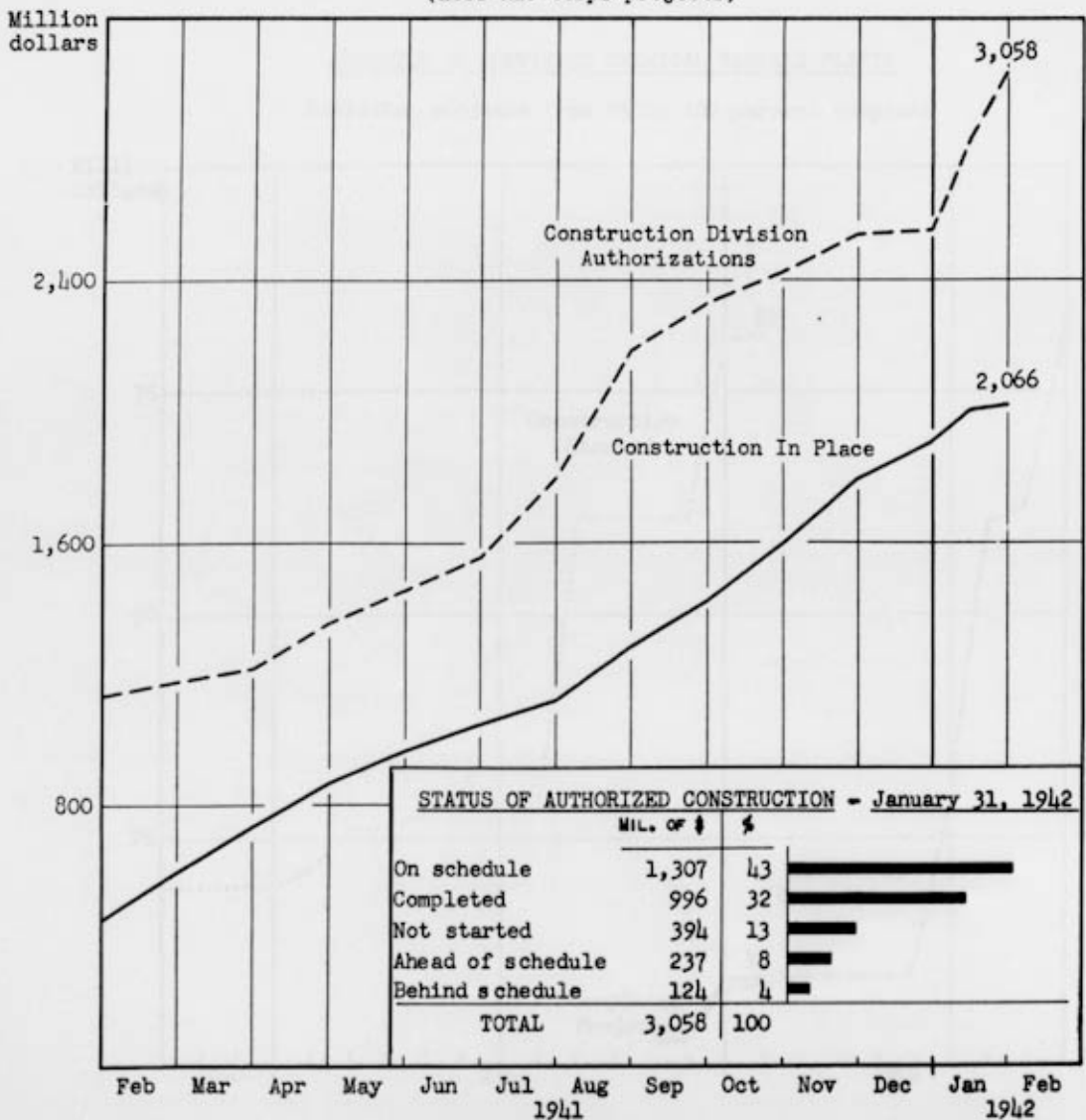
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Feb. 15	Contracted	Delivered
Crane, truck mounted	118	100	77	68	85	58
Dup. equip., gelatine, 22" x 33"	422	229	229	229	54	54
Electric lighting equip., 3 kva	1,071	1,025	898	571	96	53
Water purification unit, mobile	117	103	59	59	88	50
Stereoscope, mirror, w/bin.	4,242	3,975	3,101*	2,026*	94	48*
Searchlight, 60" AA	4,039	2,261	2,011*	1,921*	56	48*
Shovel, gasoline, 1/2-yard	218	191	111	102	88	47
Special equipment, aviation	36	31	17	17	86	47
Camera, copying, motorized	33	24	15	15	73	45
Trailer for medium tractor	1,386	609	609	609	44	44
Trailer, searchlight	8,498	3,800	3,800	3,488	45	41
Special equipment, road const.	5	5	2	2	100	40
Stereocomparagraph equipment	188	187	57	57	99	30
Instruments, drawing, field	7,882	7,580	2,188	2,188	96	28
Bridge, steel, port., H-20	68	62	17	17	91	25
Special equipment, shop co.	13	13	1	1	100	8
Theodolite	297	22	22	22	7	7
Boat, power, with trailer	75	62	14	3	83	4
Multiplex projection equipment	3	3	0	0	100	0
Searchlight, 24" beach defense	126	126	90	0	100	0
Explosive, ammonium nitrate (tons)	1,470	1,155	0	0	79	0
Dup. equip., gelatine, 18" x 18"	581	0	0	0	0	0
Ferry, portable, 30-ton	15	0	0	0	0	0
Saw, timber, gas-operated	1,821	0	0	0	0	0
Semi-trailer, 1500-gal. water	112	0	0	0	0	0
Semi-trailer, flat, 20-ton	17	0	0	0	0	0
Explosive, TNT	Being procured by Ordnance Department					

*Figures as of February 8, 1942

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - January 31, 1942

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

CUMULATIVE MILITARY CONSTRUCTION DATA
(less Air Corps projects)



STATUS OF AUTHORIZED CONSTRUCTION - January 31, 1942

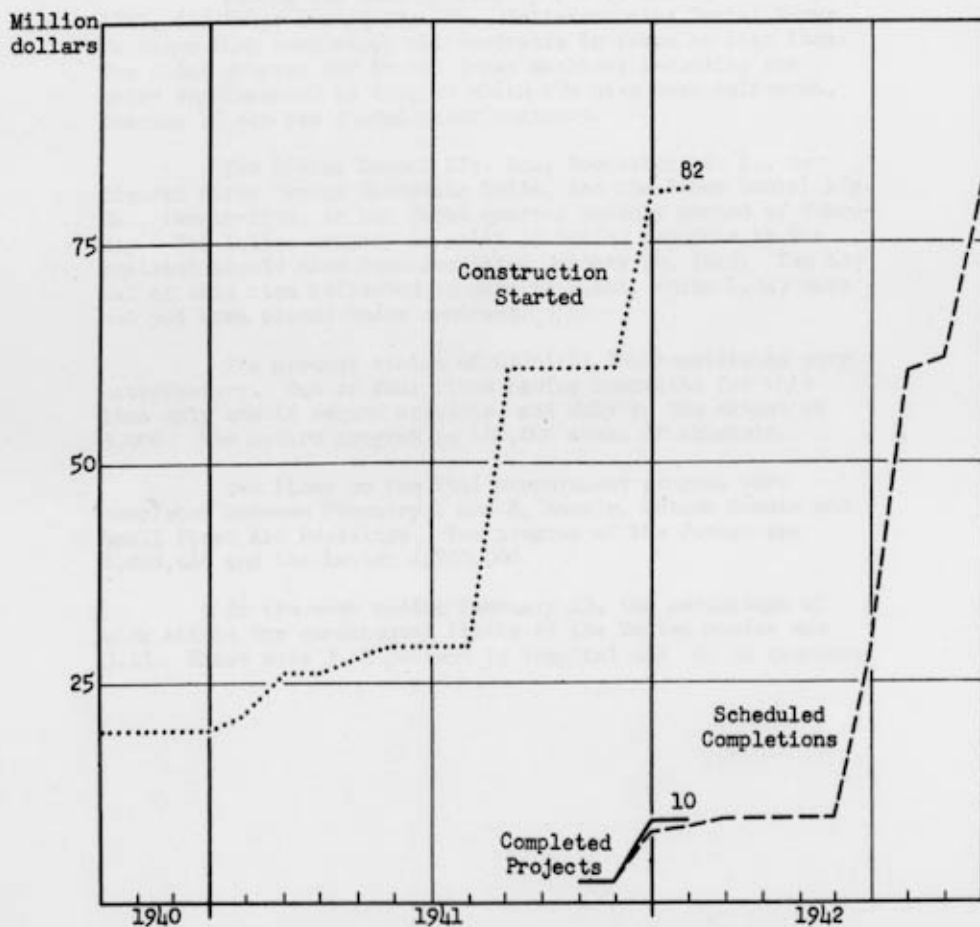
	MIL. OF \$	%	
On schedule	1,307	43	████████████████████
Completed	996	32	████████████████
Not started	394	13	██████████
Ahead of schedule	237	8	██████
Behind schedule	124	4	████
TOTAL	3,058	100	

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - JANUARY 31, 1942

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

SCHEDULE OF COMPLETED CHEMICAL WARFARE PLANTS

Including projects from 95 to 100 percent complete



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED FEBRUARY 21, 1942

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

During the quarter monthly period ending February 8, 1941, the Weber Dental Mfg. Co., delivered nine Dental X-ray Machines thus completing all contracts in force on that item. The total program for Dental X-ray Machines including the third supplemental is 289, of which 279 have been delivered, leaving 10 not yet placed under contract.

The Ritter Dental Mfg. Co., Rochester, N. Y., delivered fifty Dental Operating Units, and the Weber Dental Mfg. Co., twenty-five, in the first quarter monthly period of February. The latter company is still 25 behind schedule as its contract should have been completed January 29, 1942. The total of this item delivered to date is 2,161, while 1,043 have not yet been placed under contract.

The present status of Clinical Thermometers is very satisfactory. Out of four firms having contracts for this item only one is behind schedule, and only to the extent of 5,000. The entire program is 100,000 ahead of schedule.

Two items on the 1941 procurement program were completed between February 1 and 8, namely, Cotton Sheets and Small First Aid Dressings. The program of the former was 1,848,460 and the latter 4,700,000.

In the week ending February 12, the percentage of sick within the continental limits of the United States was 3.43. There were 3.18 percent in hospital and .25 in quarters.

MEDICAL DEPARTMENT - PROCUREMENT STATUS, ESSENTIAL DENTAL EQUIPMENT - FEB. 8, 1942

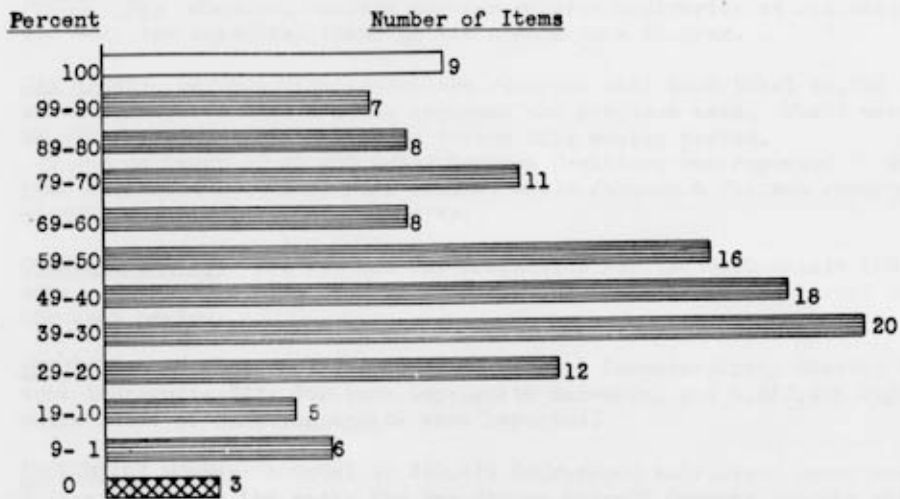
Source of Information: Medical Department Procurement Progress Reports

Item	F.Y. 1941 and 1942 Procurement program	Con- tracted thru 2-8	Deliv- ered thru 2-8	Percent of Program		
				Con- tracted	Due	Deliv- ered
<u>Dental Forceps</u>						
Forceps, no. 215	925	675	675	73	73	73
Forceps, no. 217	937	687	687	73	73	73
Forceps, no. 18 L	3,856	1,723	1,699	45	44	44
Forceps, no. 150-A	8,964	3,964	3,483	44	39	39
Forceps, no. 65	3,609	1,459	1,359	40	40	38
Forceps, no. 151-A	8,988	3,794	3,204	42	36	36
Forceps, bone, rongeur, no. 4 A	1,436	496	496	35	33	35
Forceps, hawkbill, army	1,627	700	623	38	31	34
Forceps, no. 103	4,230	1,771	1,105	42	37	26
Forceps, bone rongeur, no. 5 S	2,482	638	638	26	26	26
Forceps, no. 210	4,159	1,788	971	43	33	23
Forceps, Winter, no. 1	2,133	736	469	35	33	22
Forceps, no. 15	2,891	1,000	547	35	35	19
Forceps, crown slitting	856	222	162	26	25	19
Forceps, no. 18 R	3,907	1,743	722	45	45	18
Forceps, rubber, dam, punch	2,751	505	456	18	15	17
Forceps, crown slitting, blade	800	50	50	6	6	6
<u>Other Equipment</u>						
Compressor, unit, with 40 gallon tank	197	196	196	99	99	99
Machine, x-ray, dental shockproof, complete	289	279	279	97	97	97
Chair, operating	3,299	2,563	2,503	78	76	76
Engine, electric, mobile	405	302	302	75	75	75
Unit, operating, dental	3,252	2,186	2,161	67	67	66
Compressor, unit with 12 gallon tank	516	276	252	53	53	49
Chair dental field	4,179	0	0	0	0	0

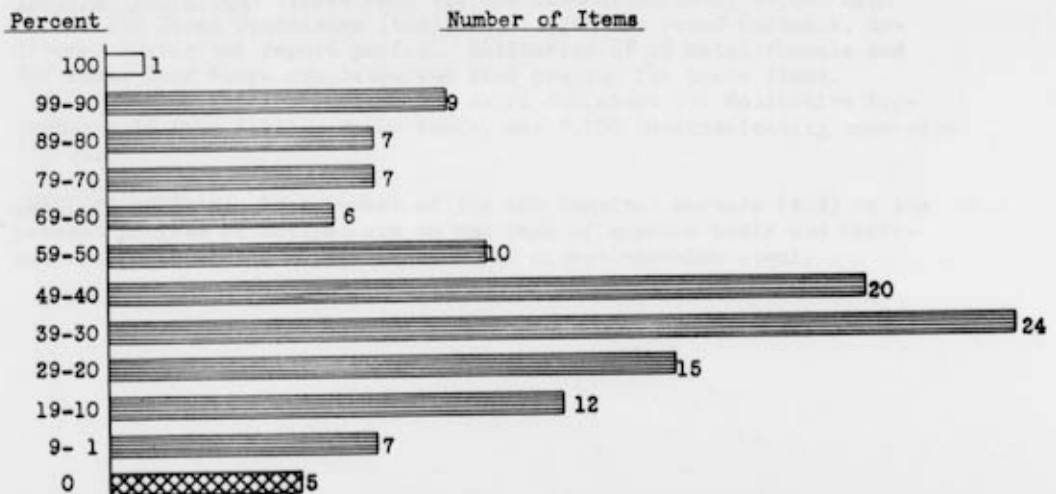
MEDICAL DEPARTMENT - PROCUREMENT STATUS, ESSENTIAL ITEMS - FEBRUARY 8, 1942

Source of Information: Medical Department Procurement Progress Reports

Percent Program Contracted



Percent Program Delivered



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS FEBRUARY 13, 1942

Source of Information: Chemical Warfare Service Progress Reports

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

GAS MASKS: Service Mask assemblies reported this week total 41,293 units as compared with 26,478 units reported the previous week. There were also 58,970 Training Masks delivered during this weekly period.

A delivery of 93,989 extra Service Canisters was reported. Good-year delivered 10,049 of this number, while Johnson & Johnson reported 45,800, and Firestone 38,140 units.

CHEMICAL AGENTS: The Mustard Gas production for the week totals 182.9 tons. There were also 50 tons of Screening Smoke (F.S.) delivered during the same period.

PROTECTIVE AGENTS: Deliveries of 51 tons of Demustardizing Bleach; 32 tons Impregnite "I"; 382 tons Impregnite Solvents, and 1,337,942 eight-ounce tubes of Shoe Impregnite were reported.

INCENDIARY BOMBS: A total of 240,476 four-pound substitute bombs were delivered during the week. The New Jersey Fulgent Company started their assembly operations this past week and assembled 2,000 of this number. National Fireworks reported 221,476, and Unexcelled Manufacturing Company 17,000 units.

VARIOUS DELIVERIES: There were 411 Gas Detonation Sets; 85,660 Land Mines; 222 Steel Containers (ton), and 12,240 Gas Proof Curtains, delivered during the report period. Deliveries of 92 Metal Funnels and 187 Smoke Tank Pumps completed the 1942 program for these items.

Other deliveries include 424 extra Canisters for Collective Protectors; 10 Line Filling Smoke Tanks, and 7,000 Decontaminating apparatus (1½ qt.)

CHEMICAL MORTARS: Procurement of the 293 Chemical Mortars (4.2) on the present program is delayed due to the lack of machine tools and difficulties in obtaining copper-bearing and nickel-chromium steel.

PROCUREMENT PROGRESS - C. W. S. - CRITICAL ITEMS - FEBRUARY 13, 1942

Source of Information; Chemical Warfare Service

