

Navy: Defense Program: Reports:
Sept. - Oct. 1941

PSF
Naval Summary
of Progress

Proc File
Cabinet #2

THE WHITE HOUSE
WASHINGTON

~~CONFIDENTIAL~~

file

October 20, 1941

MEMORANDUM FOR THE PRESIDENT

A summary of progress to 1 September, 1941, on the Navy Defense Program, is forwarded herewith as being of possible interest to the President.

Respectfully,

J. R. Beardall
J. R. BEARDALL

NAVY DEFENSE PROGRAM

SUMMARY OF PROGRESS
TO 1 SEPTEMBER 1941



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NAVY DEFENSE PROGRAM
SUMMARY OF PROGRESS
TO 1 SEPTEMBER 1941

PAGE

SHIPS

COMBAT VESSELS ON HAND AND ON ORDER *	1
PROGRESS OF COMBAT SHIP CLASSES *	2-4
PROGRESS OF INDIVIDUAL COMBAT SHIPS *	5-13
SHIP CONSTRUCTION BY YARDS	14-15
SHIPBUILDING PROGRAM - STATUS	16
SHIPBUILDING PROGRAM - CONSTRUCTION SCHEDULE	17
SHIPBUILDING PROGRAM - CONVERSION SCHEDULE	18
SHIPBUILDING PROGRAM - DISTRICT CRAFT SCHEDULE	19

AERONAUTICS

AIRPLANES ON HAND AND ON ORDER *	20-22
AIRPLANE PROCUREMENT PROGRESS *	23-25
ENGINE PROCUREMENT PROGRESS *	26-28
AIRPLANE DELIVERIES BY PURCHASER *	29
ENGINE DELIVERIES BY PURCHASER *	30
AIRPLANE DELIVERIES BY MANUFACTURER	31
ENGINE DELIVERIES BY MANUFACTURER	32

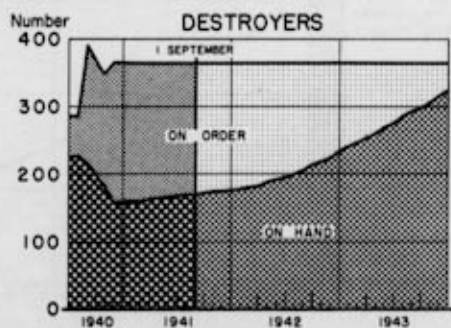
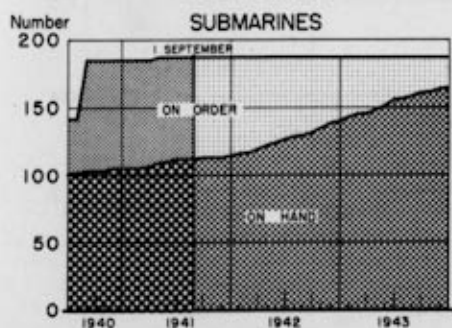
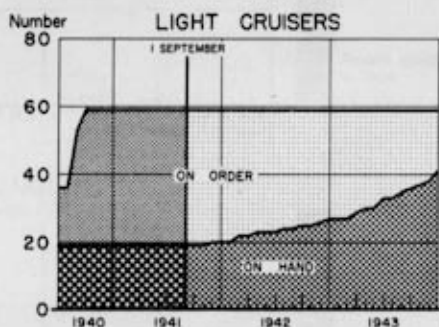
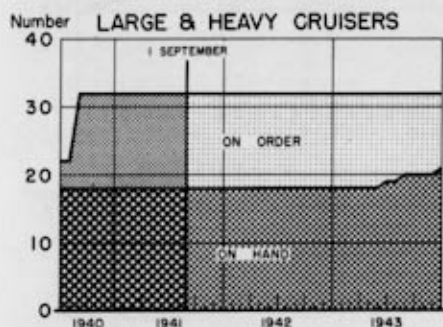
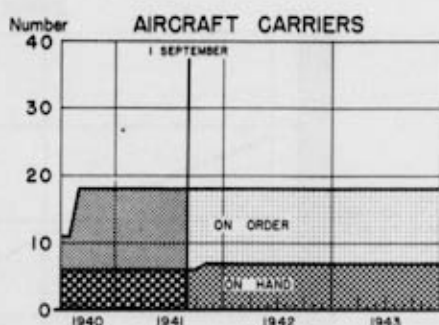
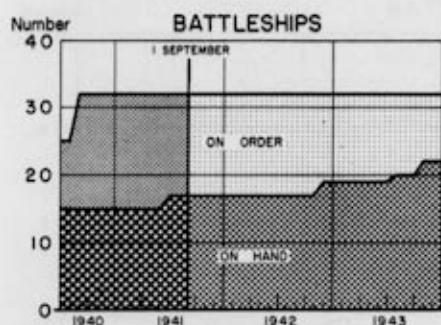
MISCELLANEOUS

NAVY AND MARINE CORPS PERSONNEL *	33
MILITARY PERSONNEL ON ACTIVE DUTY	34
STATUS OF AVIATION PERSONNEL	35
EMPLOYMENT AT NAVY YARDS AND STATIONS	36
BRITISH BASES (NAVAL AIR STATIONS)	37-38
DEFENSE AID PROGRAM	39
DEFENSE AID FUNDS *	40

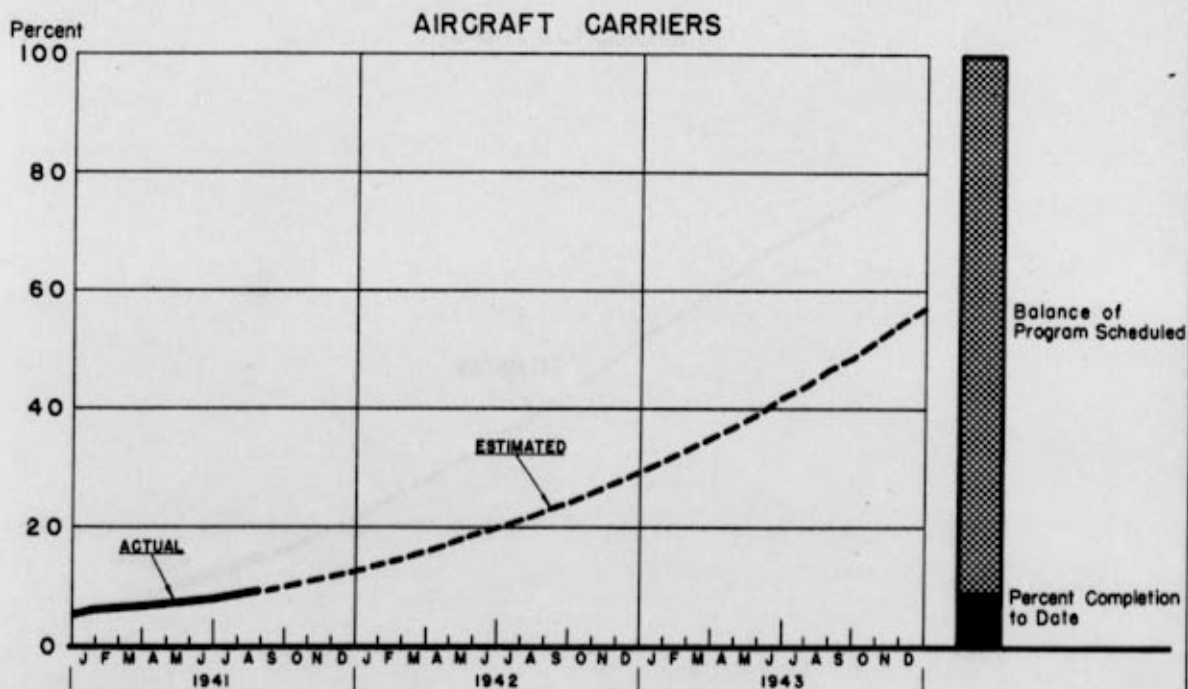
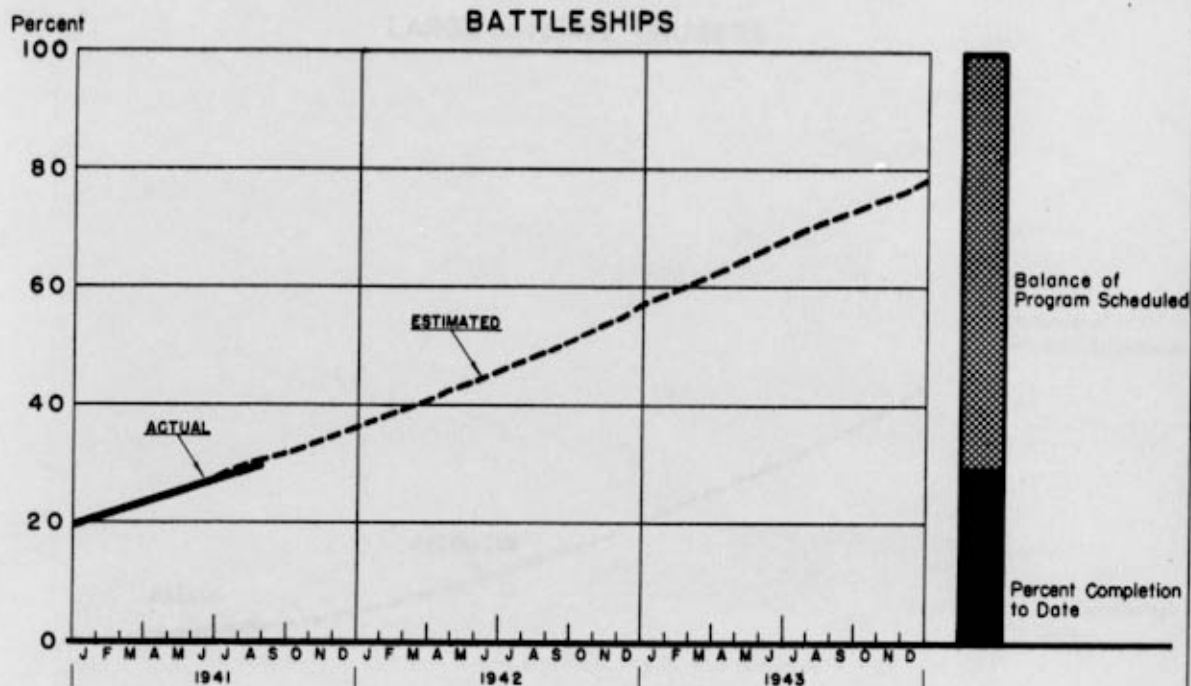
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COMBAT VESSELS ON HAND AND ON ORDER 1 September 1941

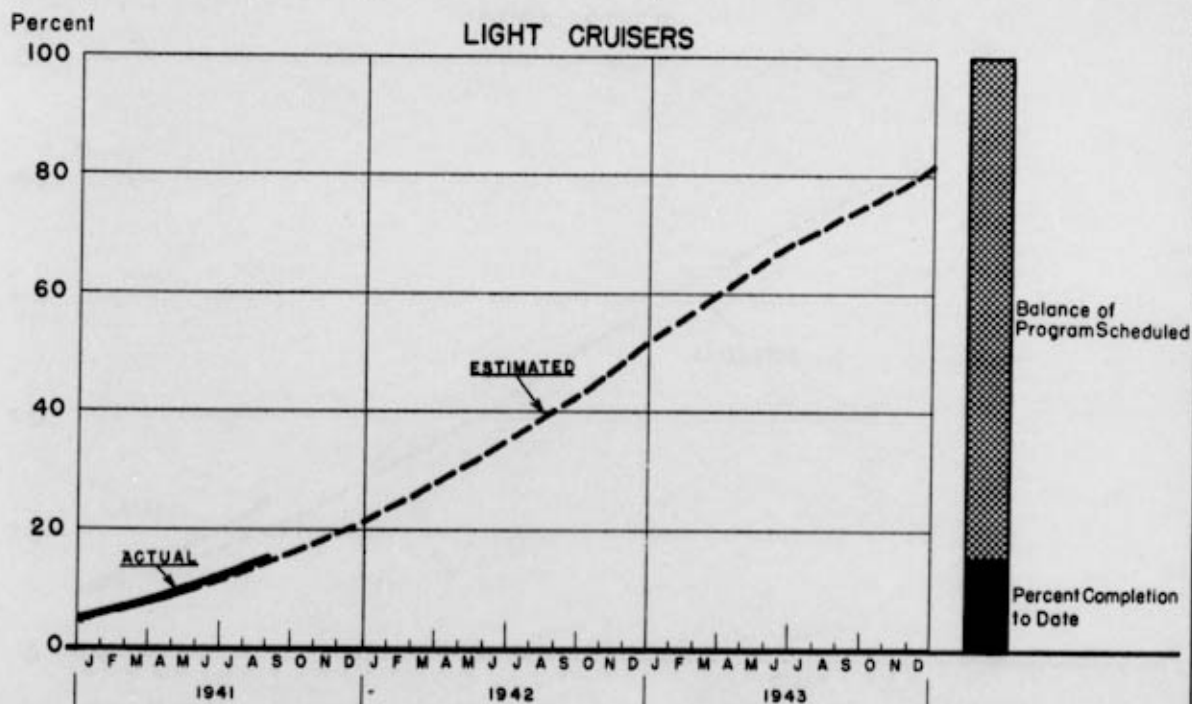
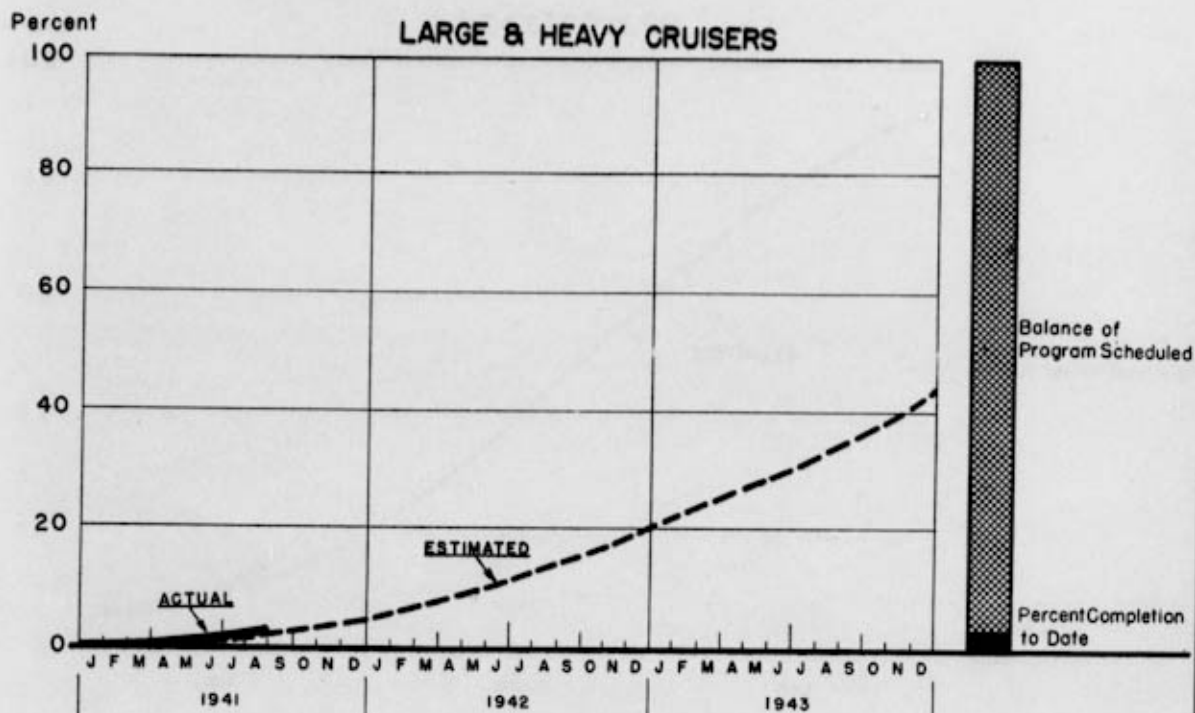


PROGRESS OF COMBAT SHIP CLASSES 1 September 1941



NOTE: Percents represent average degree of completion of all ships of each class by months.

PROGRESS OF COMBAT SHIP CLASSES 1 September 1941



Note: Percents represent average degree of completion of all ships of each class by months.

1 September 1941

Percent

100

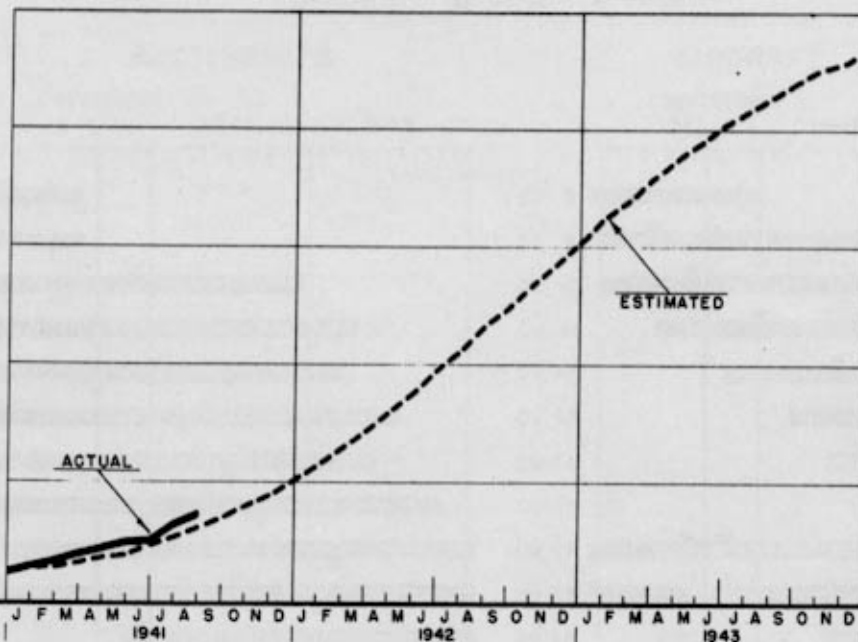
80

60

40

20

0



Balance of
Program Scheduled

Percent Completion
to Date

Percent

100

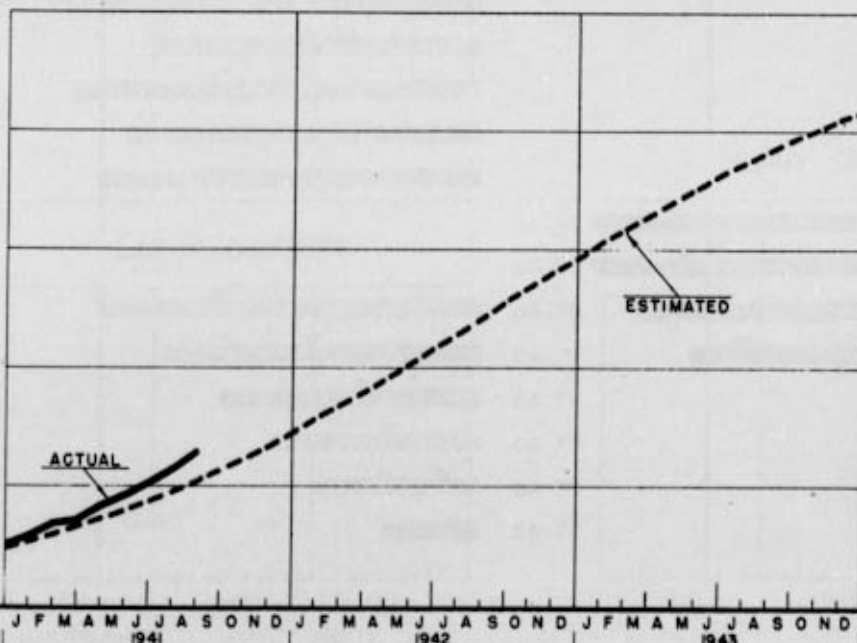
80

60

40

20

0



Balance of
Program Scheduled

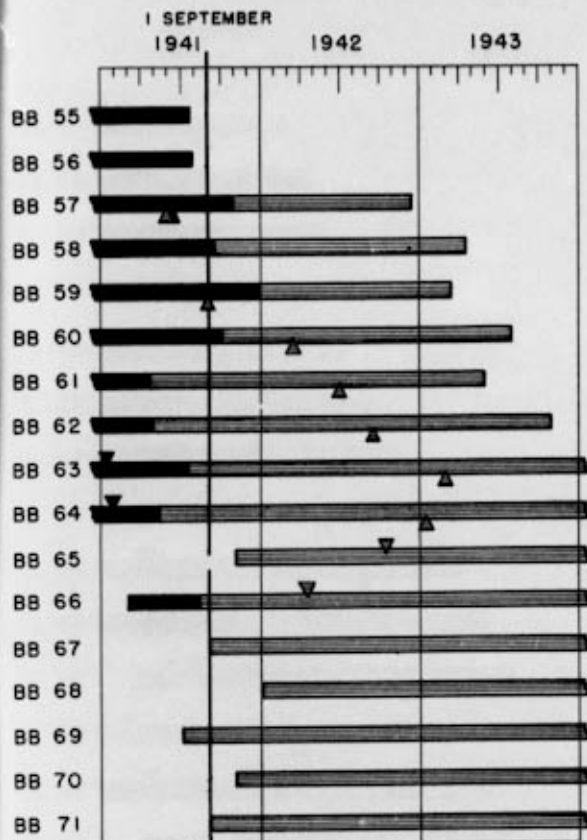
Percent Completion
to Date

Notes: Percents represent average degree of completion of all ships of each class by months.
Does not include the 11 destroyers and 4 submarines completed before 1 January 1941,
or the 2 submarines recently added to program.

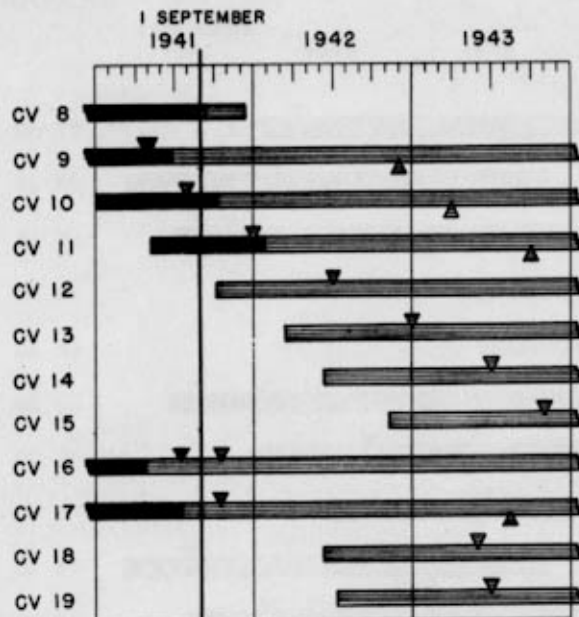
PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying ▼ Actual ▼ Proposed
 Launching ▲ Actual ▲ Proposed

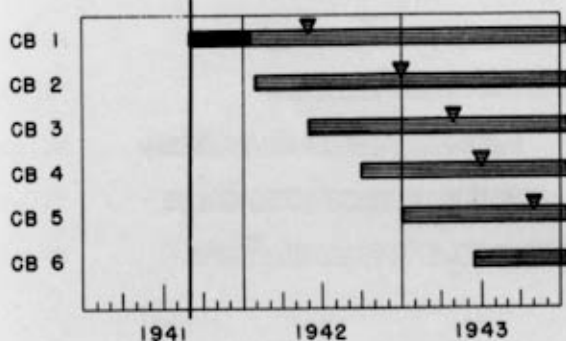
BATTLESHIPS



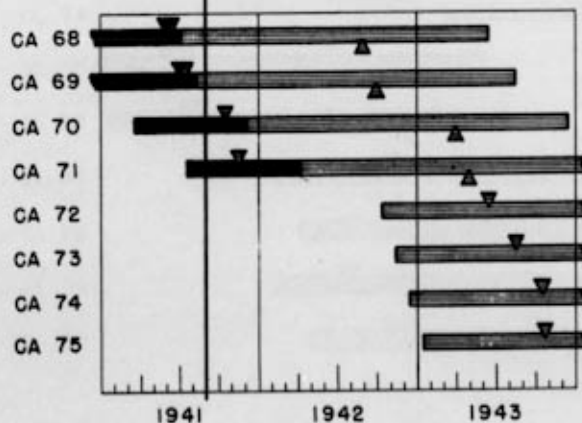
AIRCRAFT CARRIERS



LARGE CRUISERS



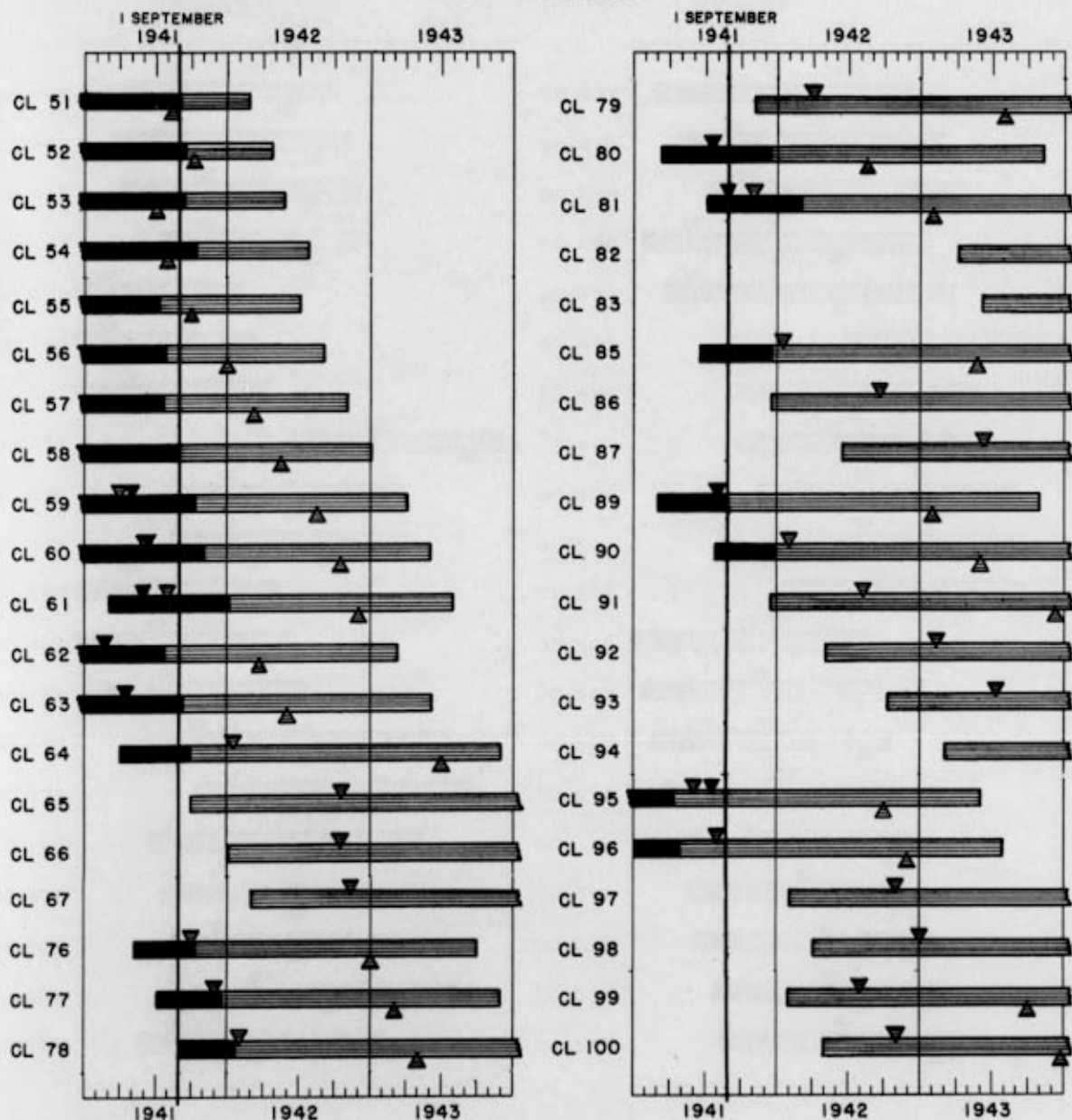
HEAVY CRUISERS



PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying ▼ Actual ▼ Proposed
 Launching ▲ Actual ▲ Proposed

LIGHT CRUISERS

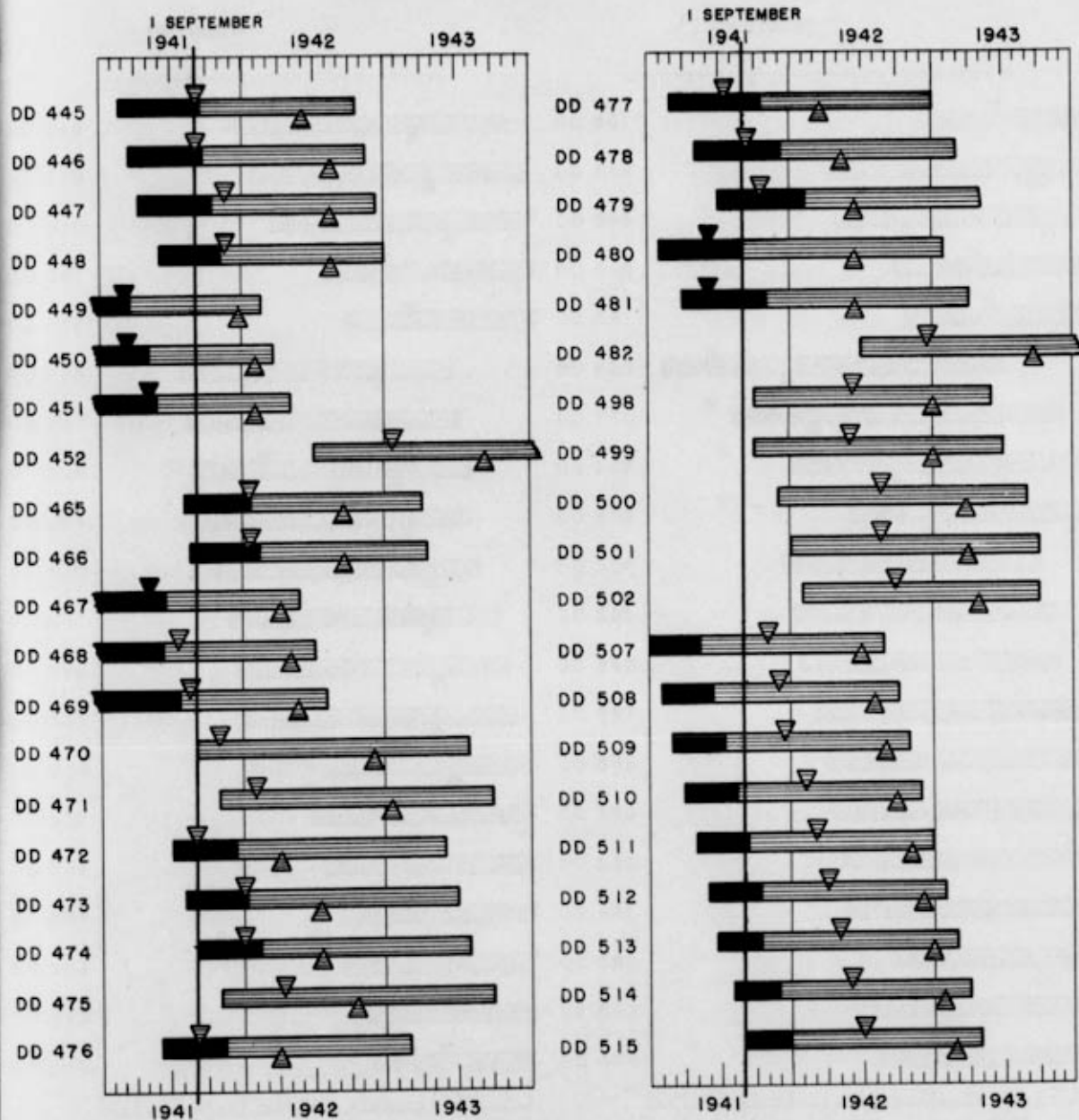


NOTE: CL 51-54 and CL 95-98 are 6,000 tons, all others are 10,000 tons.

PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying Actual Proposed
 Launching Actual Proposed

2,100 TON DESTROYERS



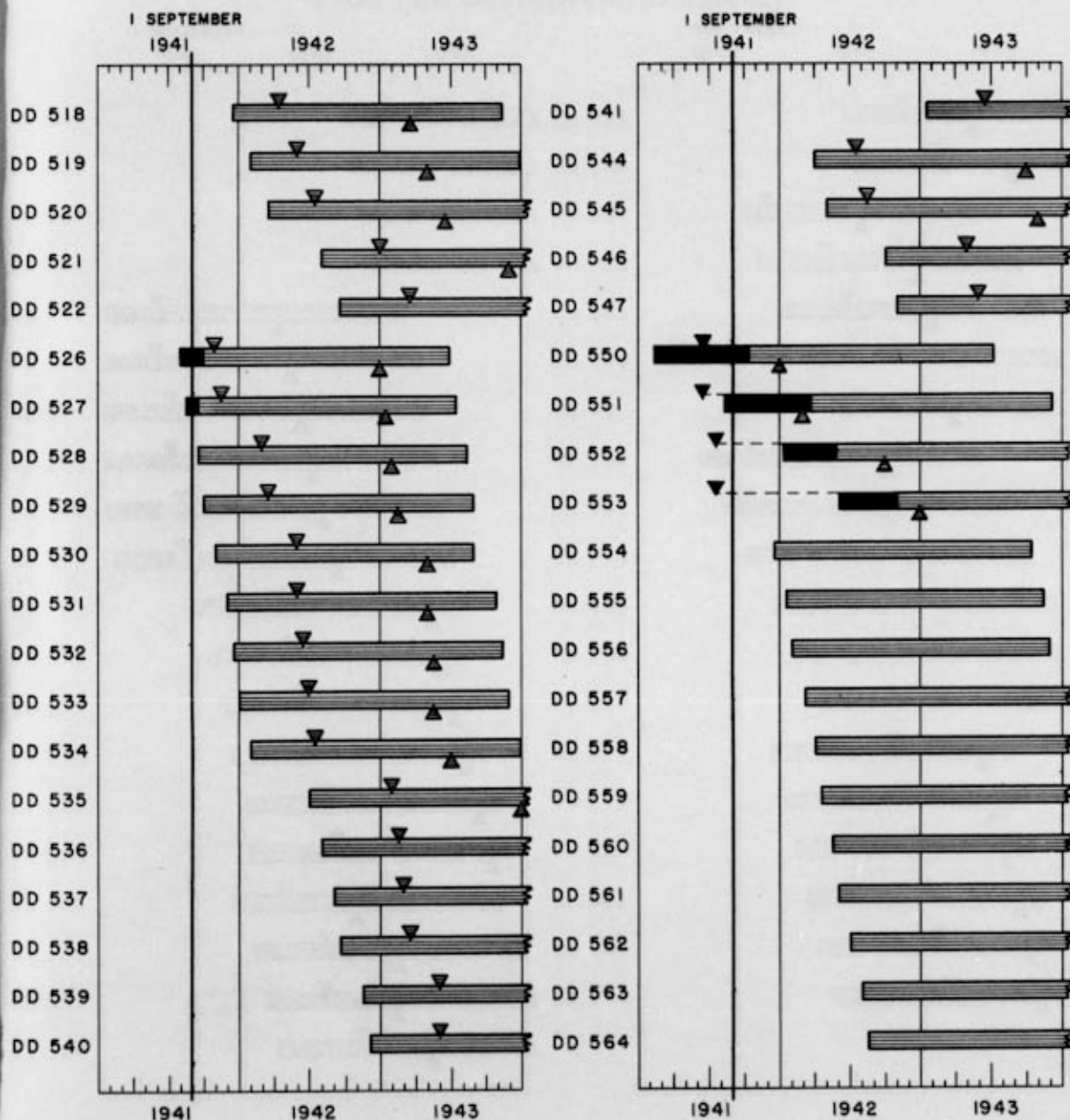
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PROGRESS OF INDIVIDUAL COMBAT SHIPS

Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying ▼ Actual ▼ Proposed
 Launching ▲ Actual ▲ Proposed

2,100 TON DESTROYERS (Continued)

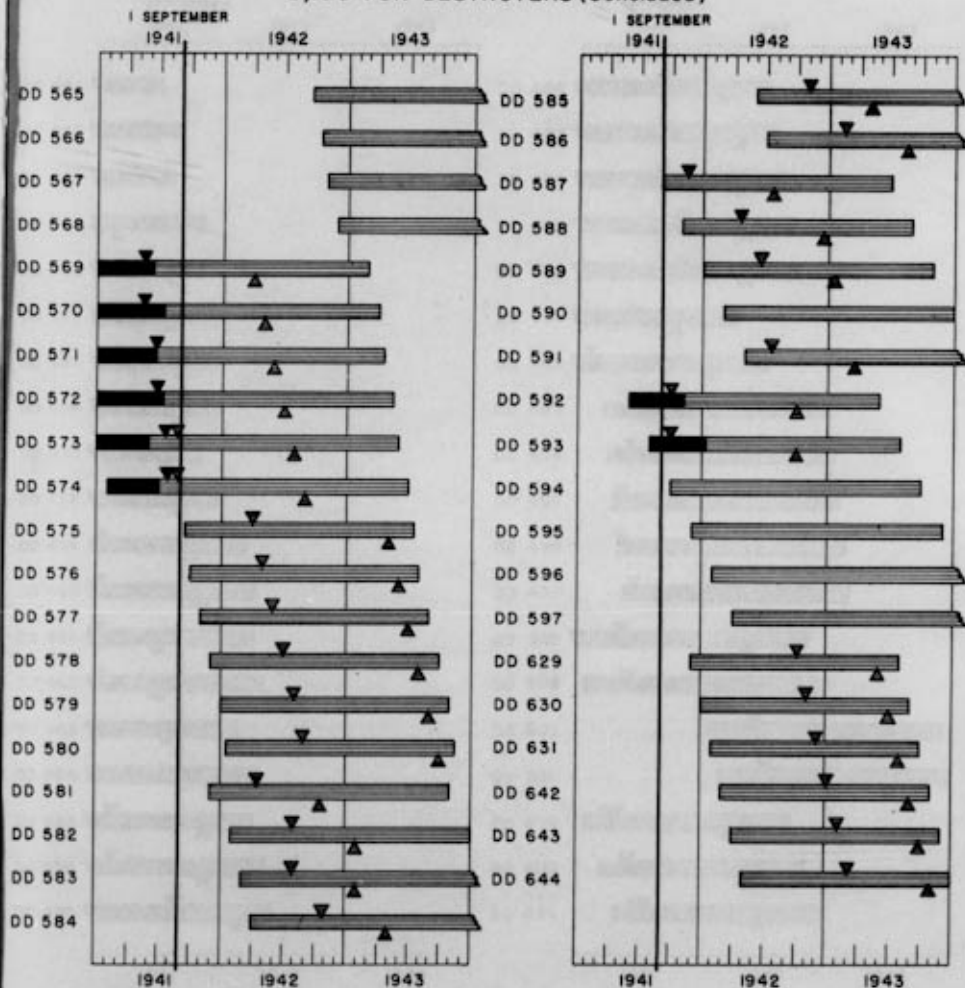


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PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying ▼ Actual ▼ Proposed
 Launching ▲ Actual ▲ Proposed

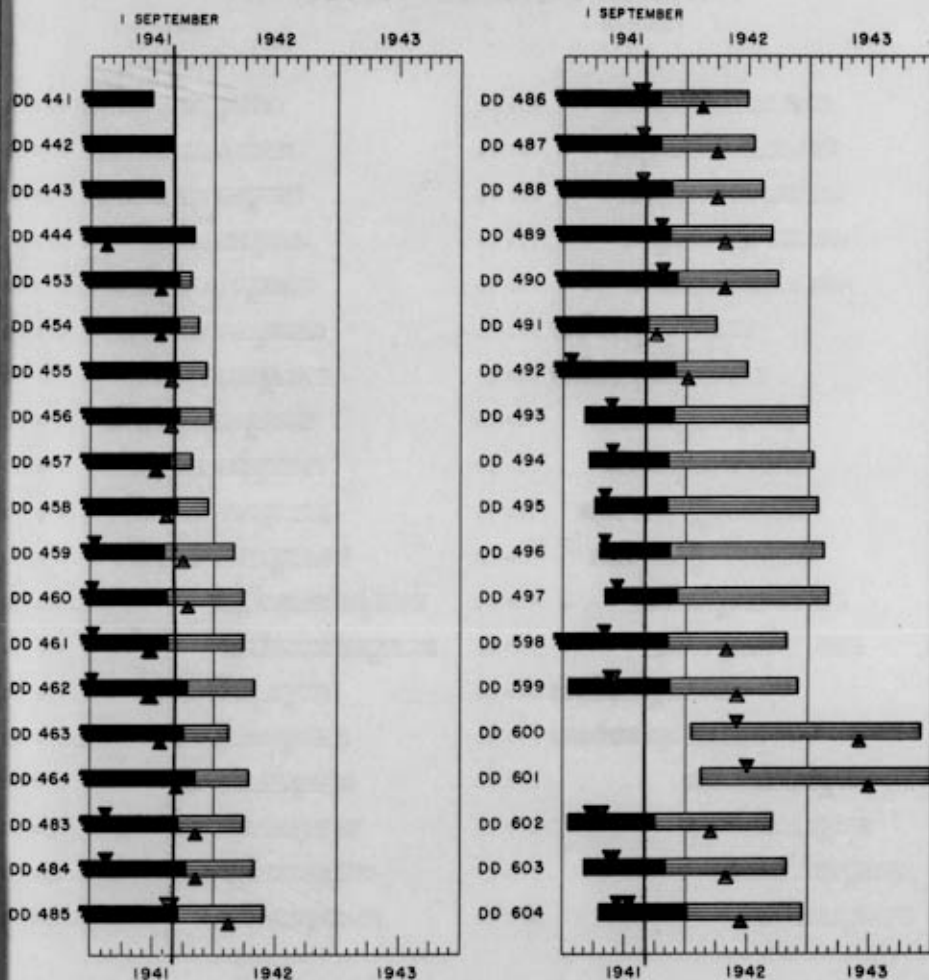
2,100 TON DESTROYERS (Concluded)



PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress
 Planned Construction Period
 Keel Laying: ▼ Actual ▼ Proposed
 Launching: ▲ Actual ▲ Proposed

1620-30 TON DESTROYERS



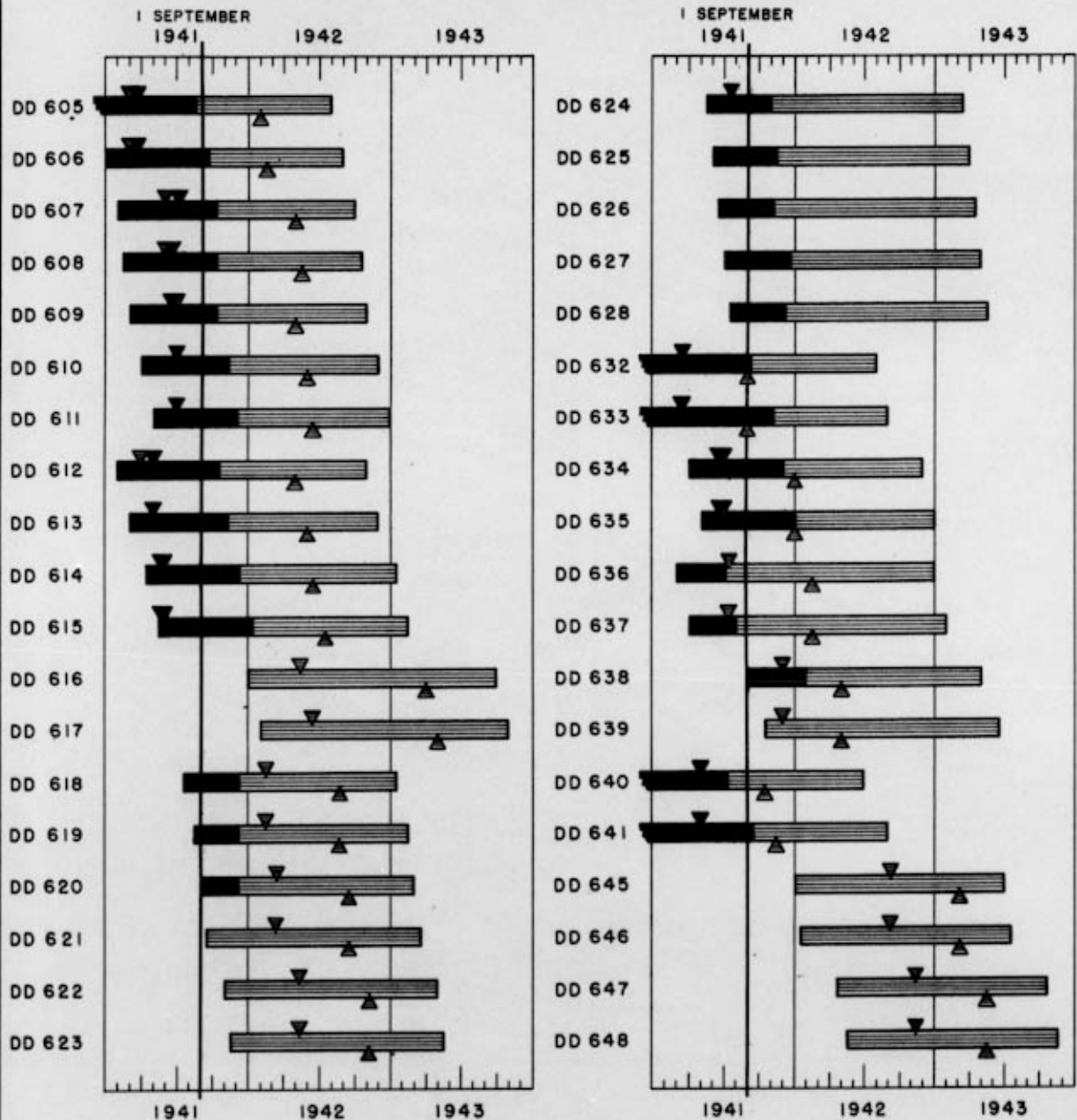
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PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress
 Planned Construction Period

Keel Laying: ▼ Actual ▼ Proposed
 Launching : ▲ Actual ▲ Proposed

1620-30 TON DESTROYERS (Concluded)



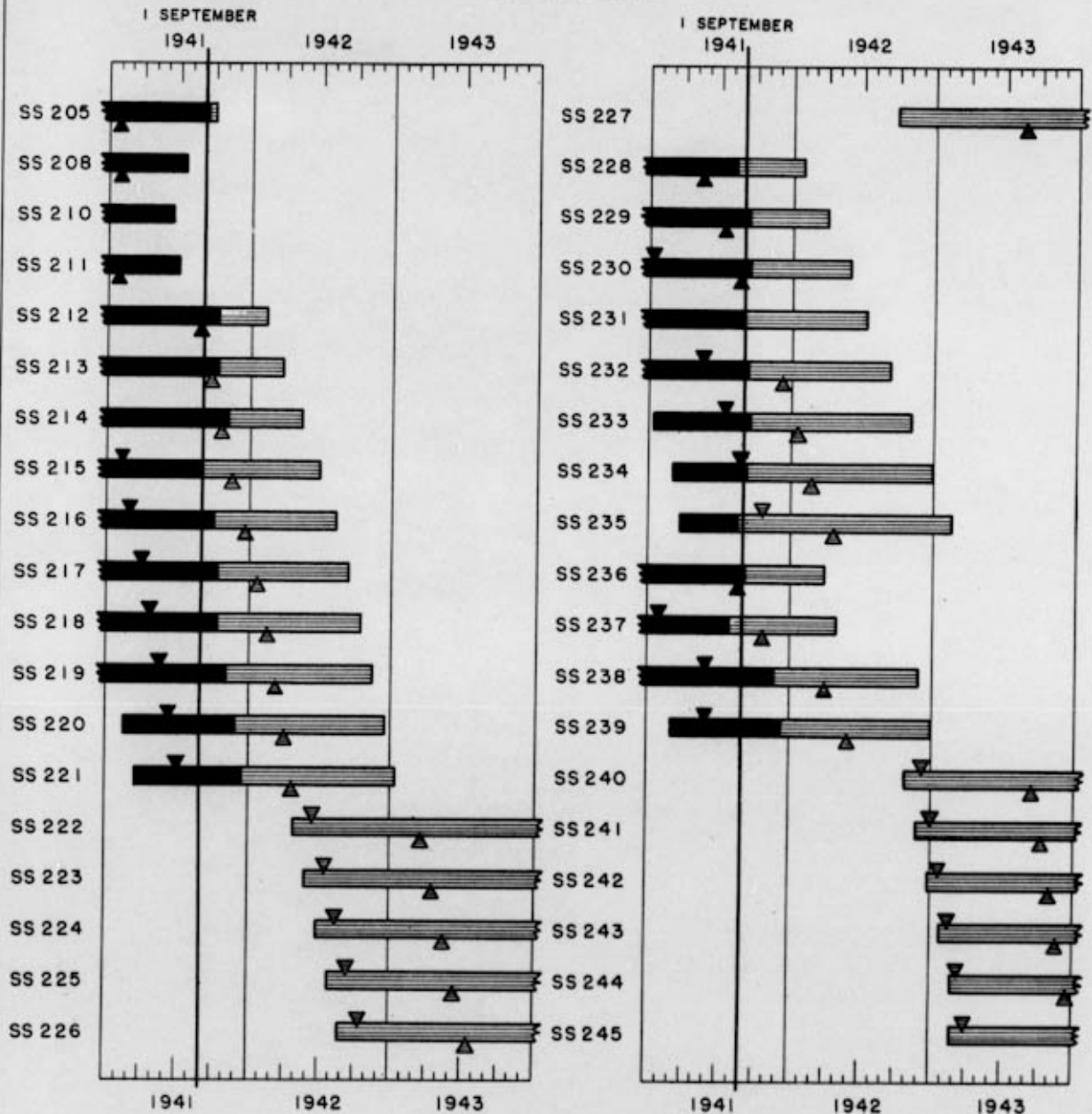
PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress
 Planned Construction Period

Keel Laying : Actual
 Proposed

Launching : Actual
 Proposed

SUBMARINES

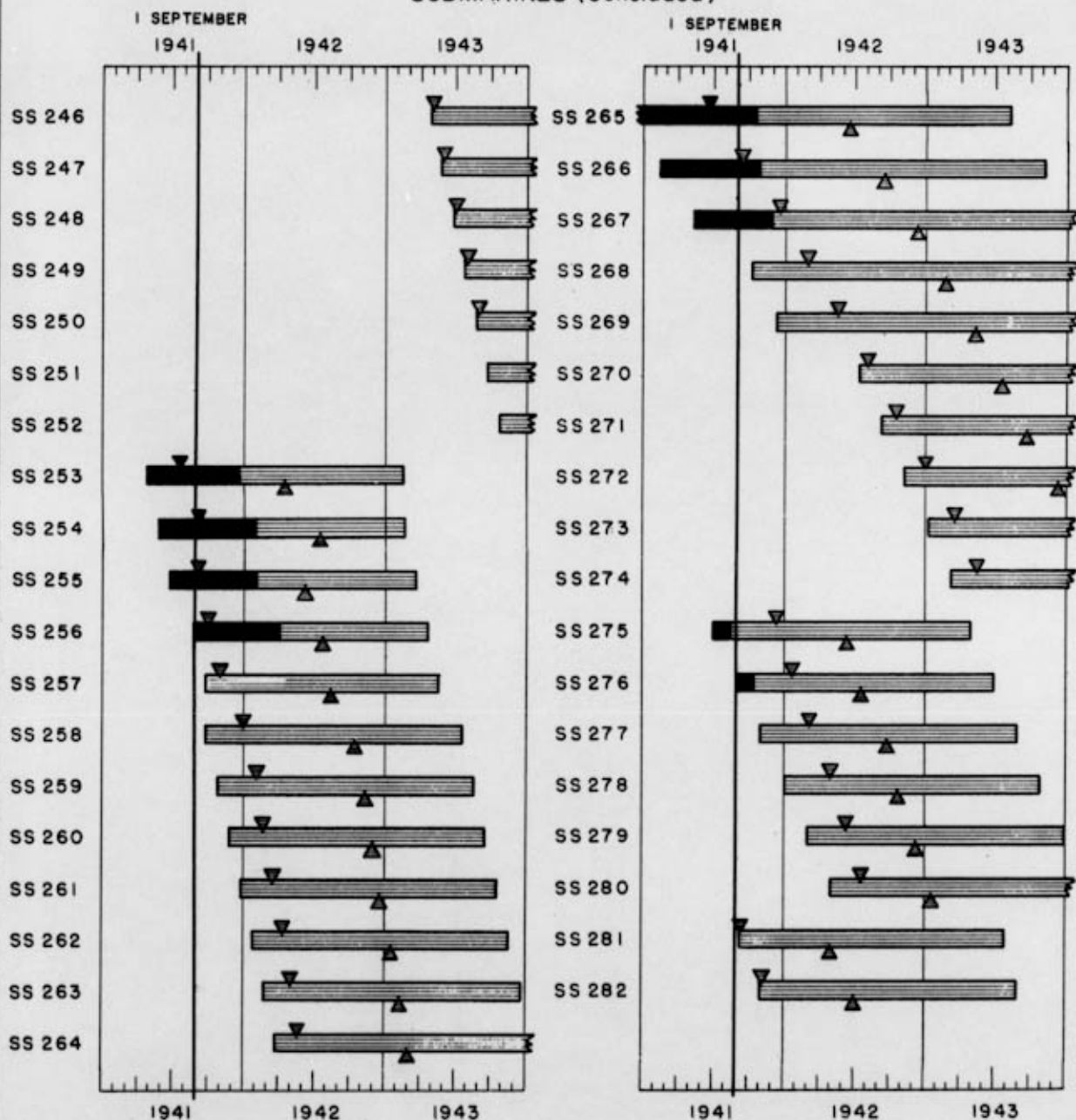


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PROGRESS OF INDIVIDUAL COMBAT SHIPS Planned Construction Period and Actual Progress to Date

Actual Progress Planned Construction Period
 Keel Laying: ▼ Actual ▼ Proposed
 Launching : ▲ Actual ▲ Proposed

SUBMARINES (Concluded)



SHIP CONSTRUCTION BY YARDS - 1 SEPTEMBER 1941

Yard	Class	1 July 1940 - 1 September 1941			Percent of Schedule Actually Completed			
		On Order	Scheduled Completions	Actual Completions	May	Jun	Jul	Aug
Navy Yard Boston	DD	23	5	6	133	125	120	120
	AVP	2	0	0	-	-	-	-
Navy Yard New York	BB	5	1	1	-	-	*	*
Navy Yard Philadelphia	BB	6	1	1	-	-	*	*
	DD	2	0	0	-	-	-	-
	CM	1	0	0	-	-	-	-
	PT	1	1	1	100	100	100	100
	BPT	1	1	1	100	100	100	100
	AV	1	0	0	-	-	-	-
Navy Yard Portsmouth	SS	19	4	4	150	200	200	167
Annapolis Yacht Yard, Inc.	PC	2	0	0	-	-	-	-
	BPT	8	0	0	-	-	-	-
Bath Iron Works	DD	30	5	5	167	125	125	100
Bethlehem - Fore River	BB	1	0	0	-	-	-	-
	CV	4	0	0	-	-	-	-
	CA	8	0	0	-	-	-	-
	CL	8	0	0	-	-	-	-
	DD	6	2	2	100	100	100	100
Bethlehem - Staten Island	DD	12	0	0	-	-	-	-
Bristol Yacht Bldg. Co.	AMc	5	3	1	0	0	0	33
Camden SB & Marine Ry. Co.	AMc	2	2	0	-	-	0	0
Consolidated SB Co.	PC	7	0	0	-	-	-	-
Cramp SB Co.	CL	6	0	0	-	-	-	-
Delaware Bay SB Co.	AMc	2	1	0	-	-	0	0
Dravo Corp.	AM	5	0	0	-	-	-	-
	PC	11	0	0	-	-	-	-
Electric Boat Co.	SS	47	5	6	167	200	120	120
Electric Boat Co., Elco Works	PT	29	28	25	0	44	104	90
	BPT	30	10	10	100	100	100	100
	PTC	4	4	4	100	100	100	100
	BPTC	8	8	8	100	100	100	100
Federal SB & DD Co.	CL	5	0	0	-	-	-	-
	DD	39	4	4	200	200	167	100
Greenport Basin & Constr. Co.	AMc	8	4	4	*	*	200	100
Herreshoff Mfg. Co.	AMc	3	2	1	-	*	50	50
Hodgdon Bros. & Goudy & Stevens	AMc	2	0	0	-	-	-	-
Jakobson Shipyard, Inc.	AM	2	0	0	-	-	-	-
Lawley, George, & Sons	PC	10	0	0	-	-	-	-
Luders Marine Constr. Co.	PC	10	1	1	100	100	100	100
Marr, H.G.	AMc	2	0	0	-	-	-	-
Mathis, John H., Co.	AM	3	0	0	-	-	-	-
Mathis Yacht Bldg. Co.	PC	14	2	0	-	-	0	0
New York SB Co.	BB	1	0	0	-	-	-	-
	CB	6	0	0	-	-	-	-
	CL	13	0	0	-	-	-	-
	AD	1	1	1	100	100	100	100
	AR	1	0	1	-	*	*	*
	AV	2	2	2	100	100	100	100
Noank SB Co.	AMc	3	2	0	-	-	0	0
Penn-Jersey Corp.	AM	2	0	0	-	-	-	-
Quincy Adams Yacht Yard, Inc.	PC	4	0	0	-	-	-	-
Rice Brothers Corp.	PC	2	2	0	-	-	0	0
Robinson, W.A., Inc.	AMc	7	7	2	0	0	17	29
Snow Shipyards	AMc	10	3	3	-	-	100	100
Sullivan DD & Repair Co.	PC	6	0	0	-	-	-	-
Vinyard SB Co.	PC	4	1	0	-	-	-	0
Warren Boat Yard, Inc.	AMc	2	1	0	-	-	0	0

* None due, deliveries ahead of schedule.

(Concluded on next page)

CONFIDENTIAL

- 15 -

SHIP CONSTRUCTION BY YARDS - 1 SEPTEMBER 1941 (CONCLUDED)

SHIP CONSTRUCTION
BY YARDS

Yard	Class	1 July 1940 - 1 September 1941			Percent of Schedule Actually Completed			
		On Order	Scheduled Completions	Actual Completions	May	Jun	Jul	Aug
Navy Yard Charleston	DD	16	2	3	100	150	150	150
Navy Yard Norfolk	BB	3	0	0	-	-	-	-
	DD	2	0	0	-	-	-	-
	AM	3	2	2	100	100	100	100
Charleston SB & DD Co.	AT	8	0	0	-	-	-	-
Elizabeth City Shipyard	PC	8	1	0	-	-	-	0
Gibbs Gas Engine Co.	AMc	8	8	5	100	60	50	63
Miami SB Corp.	PT	2	2	0	0	0	0	0
Newport News SB & DD Co.	BB	1	0	0	-	-	-	-
	CV	8	0	0	-	-	-	-
	CL	4	0	0	-	-	-	-
Savannah Machinery & Foundry Co.	AM	3	0	0	-	-	-	-
Warren Fish Co.	AMc	2	0	0	-	-	-	-
Consolidated Steel Corp.	DD	12	0	0	-	-	-	-
Gulf SB Co.	DD	4	0	0	-	-	-	-
	AM	6	0	0	-	-	-	-
Higgins Industries, Inc.	PT	2	2	2	100	100	100	100
Ingalls Shipbuilding Corp.	AN	4	0	0	-	-	-	-
Pennsylvania Shipyards	AM	4	0	0	-	-	-	-
Platzer Boat Works	PC	4	0	0	-	-	-	-
Seabrook Yacht Corp.	PC	2	0	0	-	-	-	-
Tampa SB Co.	AD	3	0	0	-	-	-	-
Westergard Boat Works, Inc.	PC	4	2	0	-	-	0	0
American Cruiser Co.	PC	2	0	0	-	-	-	-
American SB Co.	AM	8	0	0	-	-	-	-
Defoe Boat & Motor Works	PC	23	2	2	100	100	100	100
	AM	4	0	0	-	-	-	-
Fisher Boat Works	PC	3	1	1	-	-	0	100
General Motors	BAT	10	0	0	-	-	-	-
Jeffersonville Boat & Mach. Co.	PC	4	0	0	-	-	-	-
Leathem Smith Coal & SB Co.	PC	3	0	0	-	-	-	-
Manitowoc SB Co.	SS	10	0	0	-	-	-	-
Peterson Boat Works	PC	8	0	0	-	-	-	-
Robinson Marine Constr. Co.	PC	4	0	0	-	-	-	-
Navy Yard Puget Sound	DD	10	2	2	100	100	100	100
	AS	1	0	0	-	-	-	-
	AVP	4	3	0	0	0	0	0
Albina Engine & Mach. Works, Inc.	PC	4	0	0	-	-	-	-
Associated Shipbuilders	AVP	4	0	0	-	-	-	-
Commercial Iron Works	AM	7	0	0	-	-	-	-
Lake Washington Shipyards	AVP	6	0	0	-	-	-	-
Seattle Tacoma SB Co.	DD	25	0	0	-	-	-	-
	ACG	5	0	0	-	-	-	-
Willamette Iron & Steel Corp.	CM	2	0	0	-	-	-	-
Winslow Marine Ry. & SB Co.	AM	4	0	0	-	-	-	-
Navy Yard Mare Island	SS	10	1	2	100	200	200	200
	AS	4	0	0	-	-	-	-
Anderson & Christofani	AMc	6	1	0	-	-	0	0
Bethlehem - San Francisco	CL	4	0	0	-	-	-	-
	DD	25	0	0	-	-	-	-
Bethlehem - San Pedro	DD	10	0	0	-	-	-	-
Consolidated Steel Corp.	AP	2	0	0	-	-	-	-
Fulton, F.L.	AMc	6	1	0	-	-	0	0
General Engineering Co.	AM	8	0	0	-	-	-	-
Los Angeles SB & DD Corp.	AR	2	0	0	-	-	-	-
	ARH	1	0	0	-	-	-	-
	AV	3	0	0	-	-	-	-
Moore DD Co.	AS	2	0	0	-	-	-	-
	ASR	5	0	0	-	-	-	-
United Engineering Co.	AT	4	0	0	-	-	-	-

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- 16 -

SHIPBUILDING PROGRAM
- STATUS

SHIPBUILDING PROGRAM - STATUS - 1 SEPTEMBER 1941

Type		On Hand 1 July 1940	Completed July- Dec 1940		On Hand 1 Jan 1941	Completed 1941				On Hand 1 Sep 1941	On Order 1 Sep 1941	
			Built	Con- verted		Jan-July		August			Build	Convert
						Built	Con- verted	Built	Con- verted			
<u>COMBATANTS</u>		<u>384</u>	<u>15</u>	<u>0</u>	<u>322 *</u>	<u>21</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>342 *</u>	<u>349</u>	<u>0</u>
Battleship	BB	15	0	0	15	2	0	0	0	17	15	0
Aircraft Carrier	CV	6	0	0	6	0	0	0	0	6	12	0
Large Cruiser	CB	0	0	0	0	0	0	0	0	0	6	0
Heavy Cruiser	CA	18	0	0	18	0	0	0	0	18	8	0
Light Cruiser	CL	19	0	0	19	0	0	0	0	19	40	0
Destroyer	DD	225	11	0	159 *	11	0	0	0	170	194	0
Submarine	SS	101	4	0	105	8	0	0	0	112 *	74	0
<u>PATROL CRAFT</u>		<u>35</u>	<u>13</u>	<u>6</u>	<u>56 *</u>	<u>40</u>	<u>26</u>	<u>2</u>	<u>0</u>	<u>92 *</u>	<u>169</u>	<u>5</u>
Submarine Chaser	PC	13	3	5	21	0	3	1	0	23 *	135	0
Motor Torpedo Boat	PT	3	10	0	13	28	0	1	0	26 *	34	0
Anti-Sub. Motor Boat	PTC	0	0	0	0	12	0	0	0	0 *	0	0
Patrol Yacht	PY, FYc	1	0	1	2	0	19	0	0	19 *	0	4
Others	PE, PG, PR	18	0	0	20 *	0	4	0	0	24	0	1
<u>MINE VESSELS</u>		<u>36</u>	<u>0</u>	<u>0</u>	<u>52 *</u>	<u>14</u>	<u>53</u>	<u>4</u>	<u>0</u>	<u>121 *</u>	<u>116</u>	<u>6</u>
Mine Layer	CM, CMc	2	0	0	2	0	1	0	0	3	3	2
Mine Sweeper	AM, AMb, AMc	26	0	0	25 *	14	52	4	0	93 *	113	4
Others	DM, DMS	8	0	0	25 *	0	0	0	0	25	0	0
<u>AUXILIARIES</u>		<u>122</u>	<u>4</u>	<u>8</u>	<u>135 *</u>	<u>1</u>	<u>47</u>	<u>0</u>	<u>4</u>	<u>190 *</u>	<u>52</u>	<u>26</u>
<u>Tenders & Repair Ships</u>												
Destroyer Tender	AD	9	1	0	10	0	0	0	0	9 *	3	1
Submarine Tender	AS	6	0	0	3 *	0	2	0	1	6	7	1
Sub-Rescue Vessel	ASR	6	0	0	6	0	0	0	0	6	5	0
Seaplane Tender	AV	2	2	0	4	0	0	0	1	5	4	2
Seaplane Tender	AVD, AVP	16	0	0	23 *	0	0	0	0	23	16	0
Escort Vessel	AVG, BAVG	0	0	0	0	0	1	0	0	1	0	6
Repair Ship	ARB, AR	3	0	0	3	1	0	0	0	5 *	3	0
Others	AVC, AVR, ARD, ARS	1	1	0	2	0	0	0	0	7 *	0	1
<u>Tankers</u>												
Oiler	AO	20	0	3	20 *	0	9	0	0	28 *	0	0
Gasoline Tanker	AOC	0	0	0	0	0	0	0	0	0	5	0
<u>General</u>												
Cargo	AK, AKS	5	0	1	6	0	14	0	1	21	0	6
Transport	AP, APD	4	0	3	11 *	0	14	0	1	26	2	6
Net Layer	AN	0	0	0	0	0	0	0	0	0	4	0
Tug	AT	25	0	0	25	0	0	0	0	25	10	1
Others	AB, AC, AE, AF, AG, AH, APV	25	0	1	22 *	0	7	0	0	28 *	0	12
<u>YARD & DISTRICT CRAFT</u>		<u>528</u>	<u>5</u>	<u>17</u>	<u>549 *</u>	<u>118</u>	<u>57</u>	<u>11</u>	<u>5</u>	<u>740 *</u>	<u>341</u>	<u>14</u>

* Reflects gain or loss due to transfers or reclassifications.

SHIPBUILDING PROGRAM - CONSTRUCTION SCHEDULE - 1 SEPTEMBER 1941

Type	On Order 1 Sep 1941	Over- due	Due for Completion *											
			Sep 1941		Oct - Dec 1941		Jan - Jun 1942		Jul - Dec 1942		1943		1944 on	
			Sched	Est	Sched	Est	Sched	Est	Sched	Est	Sched	Est	Sched	Est
COMBATANTS	349	0	0	2	4	8	19	35	36	62	142	132	148	110
Battleship BB	15	0	0	0	0	0	0	0	0	3	6	3	9	9
Aircraft Carrier CV	12	0	0	0	0	1	1	0	0	0	0	0	11	11
Large Cruiser CB	6	0	0	0	0	0	0	0	0	0	0	0	6	6
Heavy Cruiser CA	8	0	0	0	0	0	0	0	0	0	3	4	5	4
Light Cruiser CL	40	0	0	0	0	1	2	3	2	4	11	14	25	18
Destroyer DD	194	0	0	1	3	5	10	20	27	40	94	87	60	41
Submarine SS	74	0	0	1	1	1	6	12	7	15	28	24	32	21
PATROL CRAFT	169	2	25	20	24	54	81	81	32	14	5	-	-	-
Submarine Chaser PC	135	1	0	9	24	38	73	74	32	14	5	-	-	-
Motor Torpedo Boat PT, BPT	34	1	25	11	-	16	8	7	-	-	-	-	-	-
Anti-Sub. Motor Boat PTC	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Patrol Yacht PY, PYc	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Others PE, PG, PR	0	-	-	-	-	-	-	-	-	-	-	-	-	-
MINE VESSELS	116	4	31	14	17	33	20	26	35	37	9	6	-	-
Mine Layer CM, CMc	3	0	0	0	0	0	0	0	1	1	2	2	-	-
Mine Sweeper AM, AMb, AMc	113	4	31	14	17	33	20	26	34	36	7	4	-	-
Others DM, DMS	0	-	-	-	-	-	-	-	-	-	-	-	-	-
AUXILIARIES	59	2	2	2	2	2	2	4	20	21	18	20	12	9
Tenders & Repair Ships														
Destroyer Tender AD	3	0	0	0	0	0	0	0	0	0	1	1	2	2
Submarine Tender AS	7	0	1	0	0	1	0	0	1	2	2	2	3	2
Sub-Rescue Vessel ASR	5	0	0	0	0	0	0	0	1	1	4	4	-	-
Seaplane Tender AV	4	0	0	0	0	0	0	0	0	0	0	0	4	4
Seaplane Tender AVD, AVP	16	2	1	2	3	2	1	3	5	5	4	4	-	-
Escort Vessel AVG, BAVG	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair Ship AR, ARH, ARb	3	0	0	0	0	0	0	0	0	0	2	2	1	1
Others AVC, AVR, ARD, ARS	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Tankers														
Oiler AO	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline Tanker AOG	5	0	0	0	0	0	0	0	4	4	1	1	-	-
General														
Cargo AK, AKS	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Transport AP, APD	2	0	0	0	0	0	0	0	2	2	-	-	-	-
Net Layer AN	4	0	0	0	0	0	0	0	0	0	2	4	2	-
Tug AT	10	0	0	0	0	0	1	1	7	7	2	2	-	-
Others AB, AC, AE, AF, AG, AH, APV	0	-	-	-	-	-	-	-	-	-	-	-	-	-
YARD & DISTRICT CRAFT	341	24	9	15	81	74	197	219	13	18	-	-	17**	15**

* Scheduled completion dates shown above are as specified in the original contracts or project orders. Estimated completion dates are as now reported by the yards.

** Completion date indefinite.

SHIPBUILDING PROGRAM - CONVERSION SCHEDULE - 1 SEPTEMBER 1941

Type	On Order 1 Sep 1941	Due for Completion*								
		Over- due	Sep 1941		Oct - Dec 1941		1942 on		Indefinite	
			Sched	Est	Sched	Est	Sched	Est	Sched	Est
<u>COMBATANTS</u>	0	-	-	-	-	-	-	-	-	-
<u>PATROL CRAFT</u>	5	0	4	3	0	1	0	0	1	1
Submarine Chaser PC	0	-	-	-	-	-	-	-	-	-
Motor Torpedo Boat PT,BPT	0	-	-	-	-	-	-	-	-	-
Anti-Sub. Motor Boat PTC	0	-	-	-	-	-	-	-	-	-
Patrol Yacht PY,PYc	4	0	3	2	0	1	0	0	1	1
Others PE,PG,PR	1	0	1	1	-	-	-	-	-	-
<u>MINE VESSELS</u>	6	4	2	1	0	2	-	-	-	-
Mine Layer CM,CMc	2	2	0	0	0	2	-	-	-	-
Mine Sweeper AM,AMB,AMc	4	2	2	1	0	3	-	-	-	-
Others DM,DMS	0	-	-	-	-	-	-	-	-	-
<u>AUXILIARIES</u>	36	4	5	5	17	18	9	12	1	1
<u>Tenders & Repair Ships</u>										
Destroyer Tender AD	1	0	0	0	0	0	1	1	-	-
Submarine Tender AS	1	0	1	1	-	-	-	-	-	-
Sub-Rescue Vessel ASR	0	-	-	-	-	-	-	-	-	-
Seaplane Tender AV	2	1	0	1	0	0	1	1	-	-
Seaplane Tender AVD,AVP	0	-	-	-	-	-	-	-	-	-
Escort Vessel AVG,BAVG	6	0	0	0	1	1	5	5	-	-
Repair Ship AR,ARH,ARb	0	-	-	-	-	-	-	-	-	-
Others AVC,AVR,ARD,ARS	1	0	0	0	0	0	0	0	1	1
<u>Tankers</u>										
Oiler AO	0	-	-	-	-	-	-	-	-	-
Gasoline Tanker AOG	0	-	-	-	-	-	-	-	-	-
<u>General</u>										
Cargo Ship AK,AKS	6	0	1	1	3	3	2	2	-	-
Transport AP,APD	6	2	1	0	3	5	0	1	-	-
Net Layer AN	0	-	-	-	-	-	-	-	-	-
Tug AT	1	0	1	0	0	1	-	-	-	-
Others AB,AC,AE,AF,AG,AH,APV	12	1	1	2	10	8	0	2	-	-
<u>YARD & DISTRICT CRAFT</u>	14	0	0	0	0	0	0	0	14	14

* Scheduled completion dates shown above are as specified in the original contracts or project orders. Estimated completion dates are as now reported by the yards.

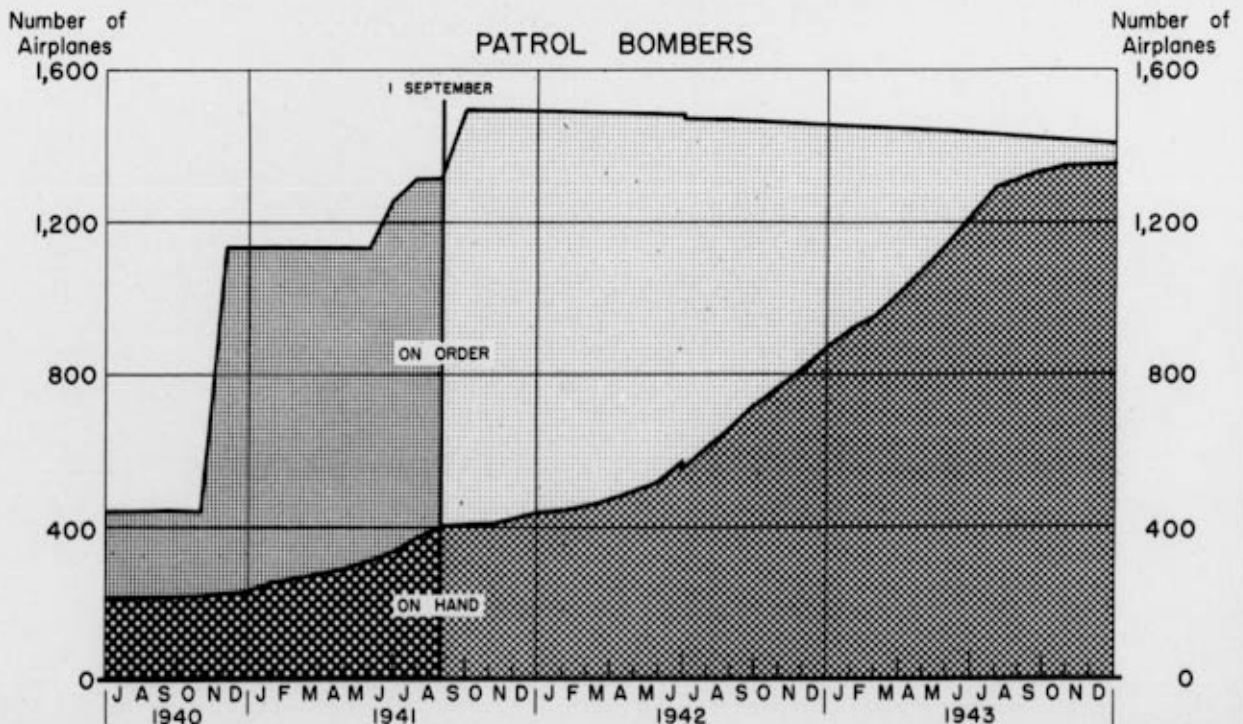
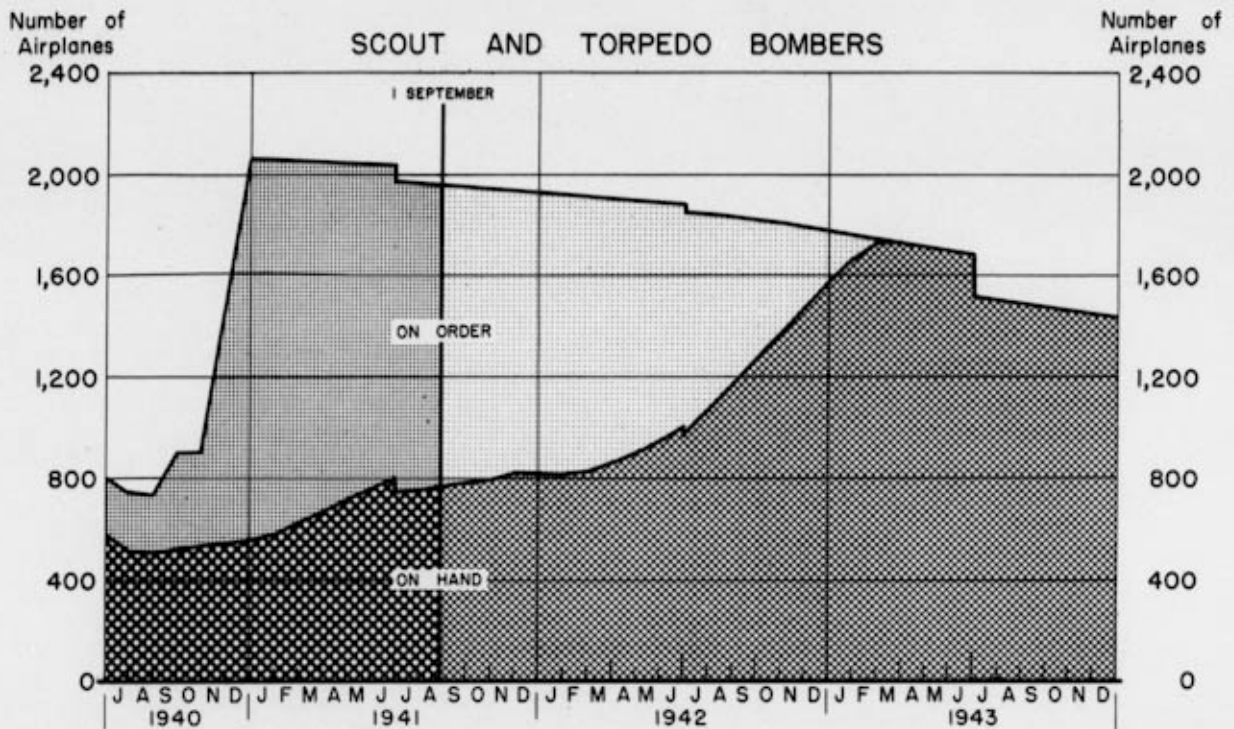
SHIPBUILDING PROGRAM - SCHEDULE FOR YARD & DISTRICT CRAFT, ETC. - 1 SEPTEMBER 1941

Type	On Hand 1 Sep 1941	On Order 1 Sep 1941		Estimated Completions					
		Build	Convert	Sep 1941 (Build)	Oct-Dec 1941 (Build)	Jan-Jun 1942 (Build)	Jul-Dec 1942 (Build)	Indefinite	
								Build	Convert
<u>YARD & DISTRICT CRAFT</u>	<u>741</u>	<u>341</u>	<u>14</u>	<u>15</u>	<u>74</u>	<u>219</u>	<u>18</u>	<u>15</u>	<u>14</u>
Motor Mine Sweeper YMS, BYMS	0	164	0	1	28	128	7	-	-
Boom (Net) Tender YN	34	22	1	11	10	1	-	-	1
Gate Vessel YNg	16	0	0	-	-	-	-	-	-
District Patrol Vessel YP	80	6	4	0	1	5	-	-	4
Harbor Tug YT, BYT	75	39	2	0	0	29	10	-	2
Ferry Boat YFB	15	1	0	0	1	-	-	-	-
House Boat YHB	2	0	1	-	-	-	-	-	1
Car Float YCF	11	3	0	0	3	-	-	-	-
Fuel Oil Barge YO	35	6	2	0	0	5	1	-	2
Gasoline Barge YOG	3	0	0	-	-	-	-	-	-
Open Lighter YC	171	21	1	1	7	13	-	-	1
Covered Lighter YF	105	40	0	1	8	29	0	2	-
Mobile Section Base YAG	1	0	3	-	-	-	-	-	3
Floating Workshop YR	4	17	0	0	10	3	0	4	-
Seaplane Derrick YSD	18	10	0	1	5	3	0	1	-
Water Barge YW	13	1	0	0	1	-	-	-	-
Stevedore Barge YS	9	3	0	0	0	0	0	3	-
Sludge Removal Barge YSR	2	1	0	0	0	1	-	-	-
Garbage Lighter YG	9	6	0	0	0	2	0	4	-
Torpedo Testing Barge YTT	3	1	0	0	0	0	0	1	-
Unclassified IX	1	0	0	-	-	-	-	-	-
Others YA, YCK, YD, YM, YMT, YOS, YPD, YPK, YRC, YSP	134	0	0	-	-	-	-	-	-
<u>LANDING FORCE EQUIPMENT</u>	-	<u>1830</u>	-	<u>200</u>	<u>573</u>	<u>330</u>	<u>0</u>	<u>727</u>	-
Landing Boats	-	50	-	50	-	-	-	-	-
37' Eureka	-	229	-	-	67	0	0	162	-
36' Eureka	-	-	-	-	-	-	-	-	-
30' Eureka	-	0	-	-	-	-	-	-	-
30' Bureau Type Steel	-	20	-	6	14	-	-	-	-
45' Tank	-	100	-	0	0	0	0	100	-
36' Ramp Style	-	-	-	-	-	-	-	-	-
Lighters	-	12	-	0	0	12	-	-	-
45' Artillery	-	201	-	14	42	14	0	131	-
45' Tank	-	-	-	-	-	-	-	-	-
Amphibian Tractors	-	320	-	50	150	120	-	-	-
Rubber Boats	-	898	-	80	300	184	0	334	-

AIRPLANES ON HAND AND ON ORDER

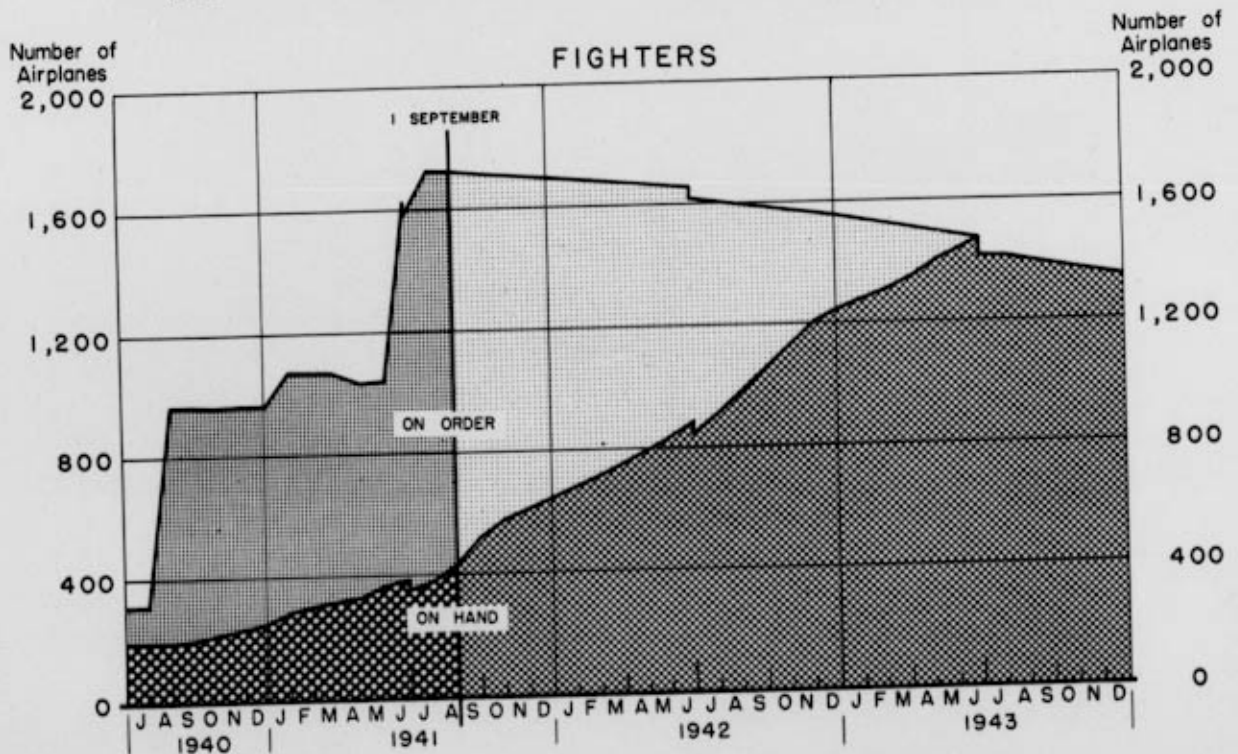
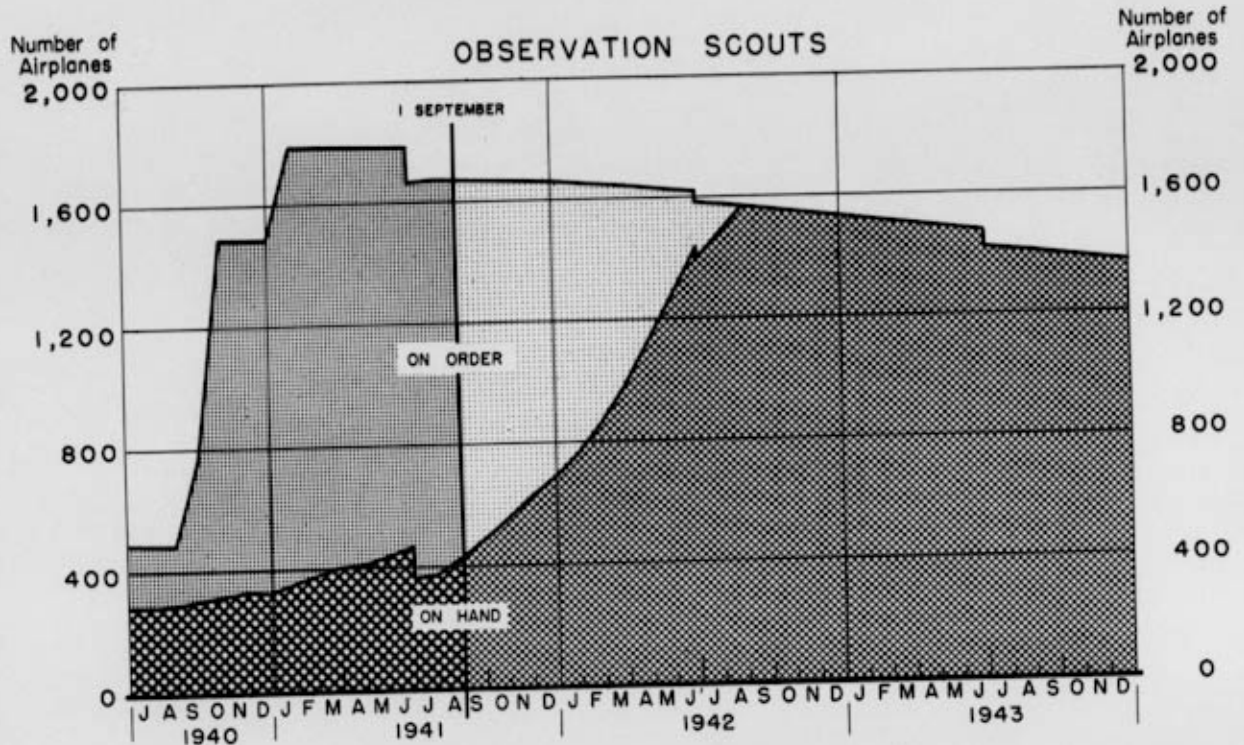
(After monthly deduction of loss and annual deduction of obsolescence)

1 July 1940 — 31 December 1943



AIRPLANES ON HAND AND ON ORDER

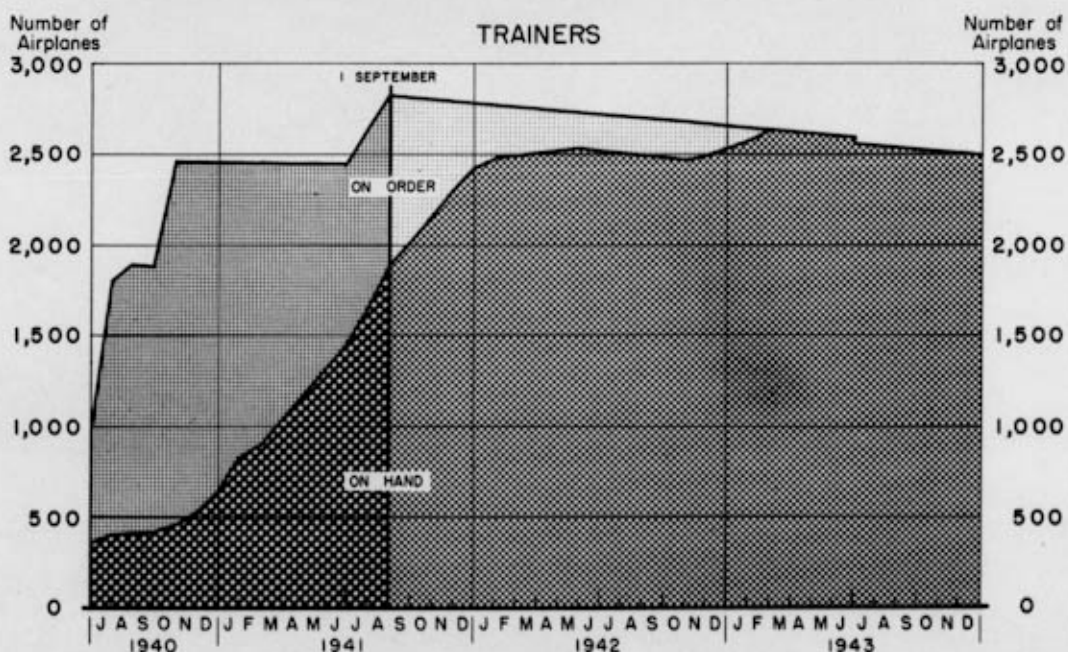
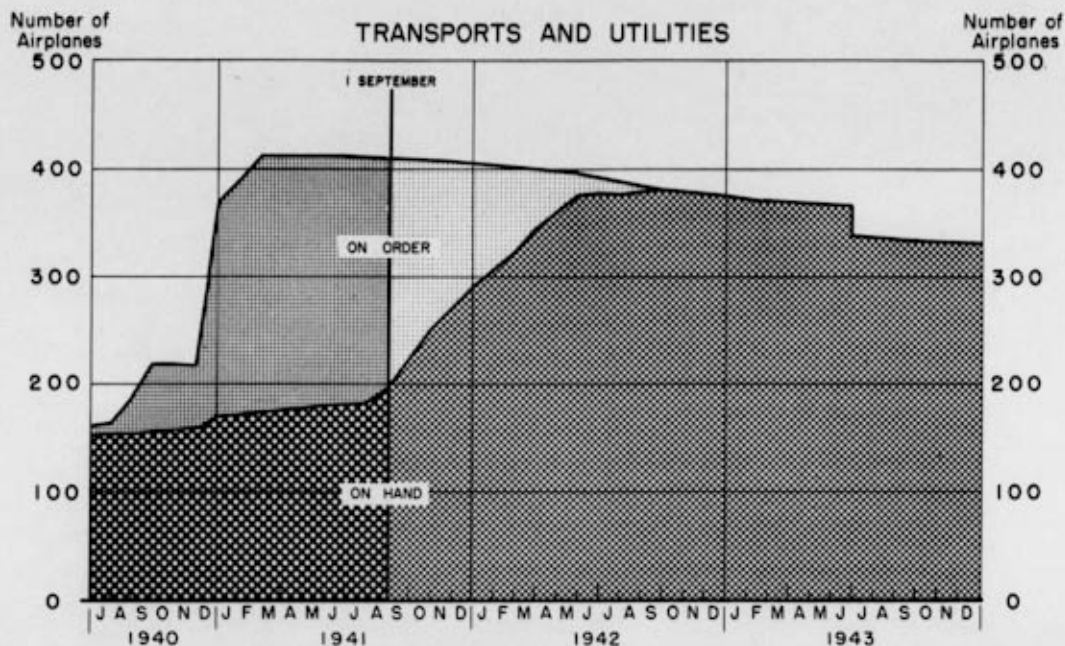
(After monthly deduction of loss and annual deduction of obsolescence)
1 July 1940 - 31 December 1943



AIRPLANES ON HAND AND ON ORDER

(After monthly deduction of loss and annual deduction of obsolescence)

1 July 1940 — 31 December 1941

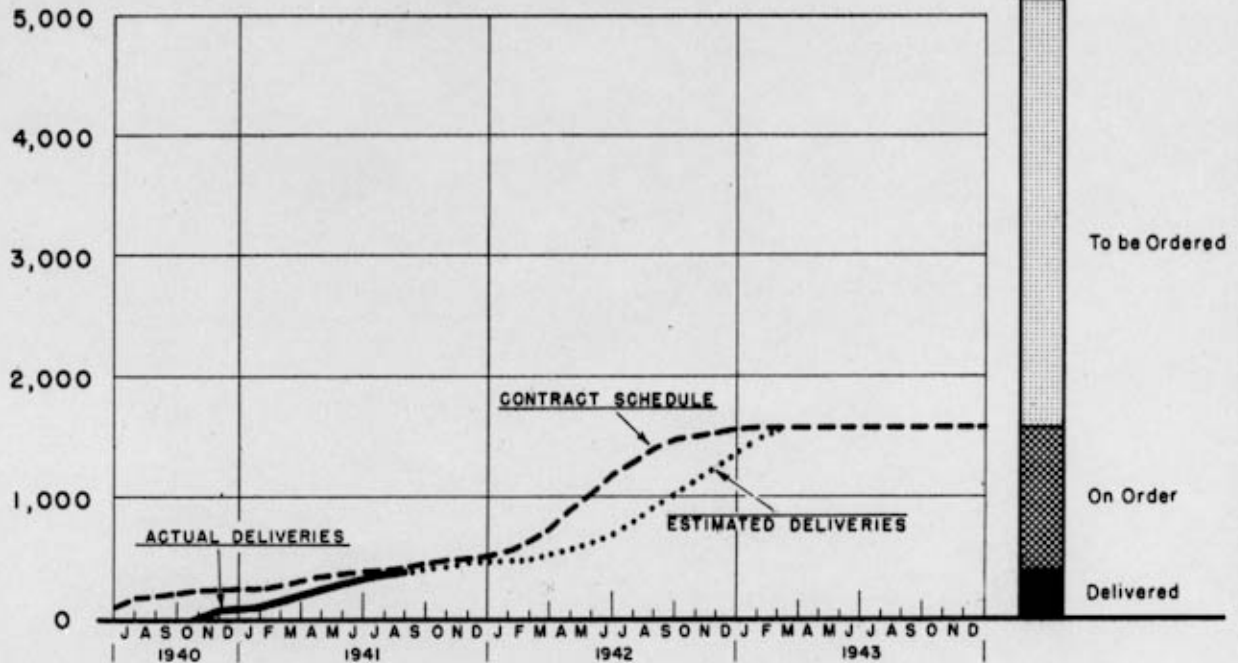


AIRPLANE PROCUREMENT PROGRESS

1 July 1940 - 31 December 1943

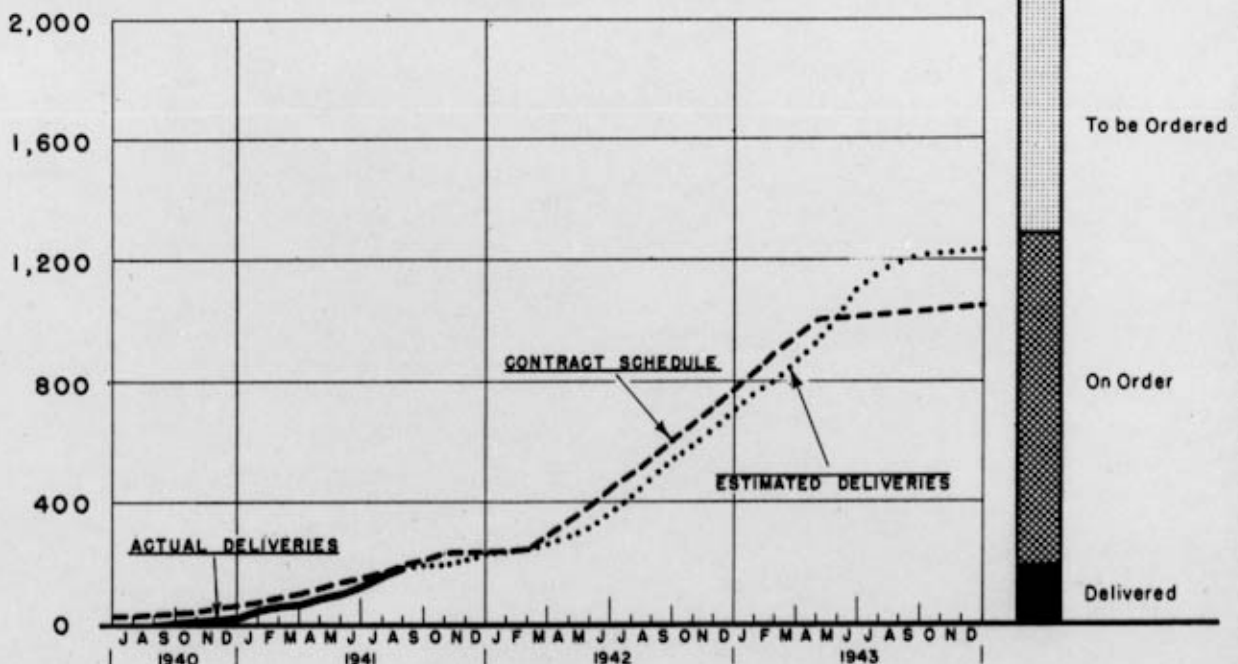
Number of
Airplanes

SCOUT AND TORPEDO BOMBERS



Number of
Airplanes

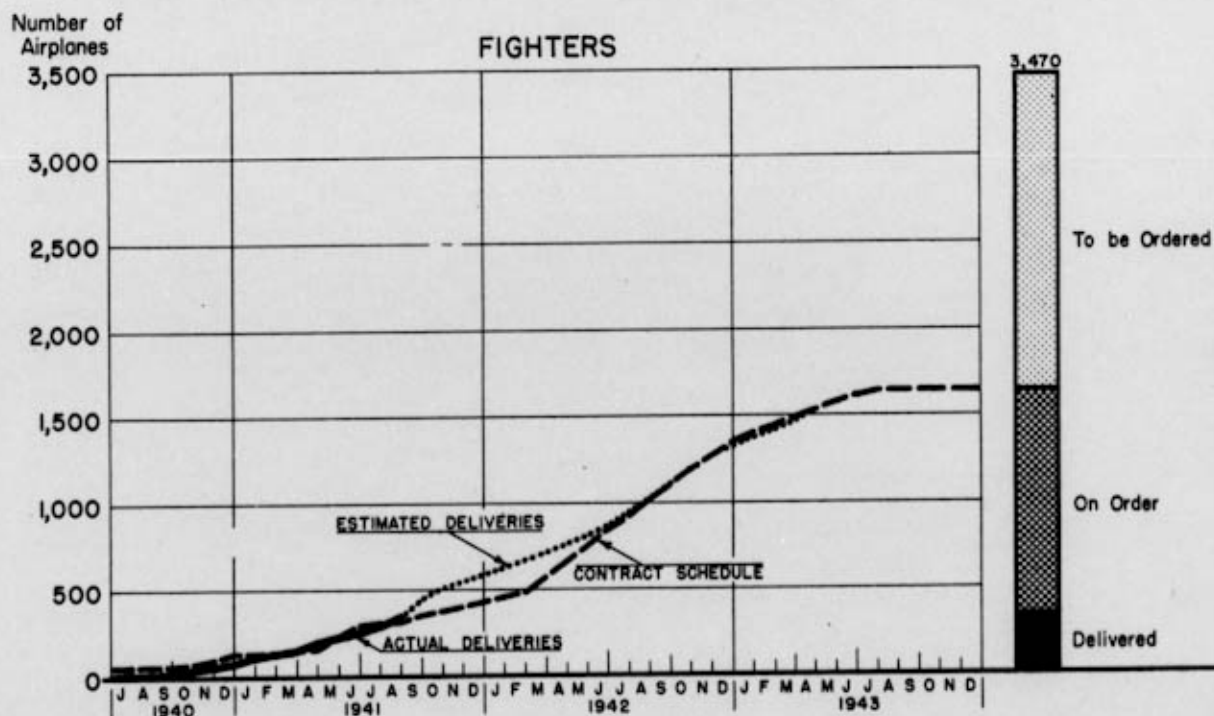
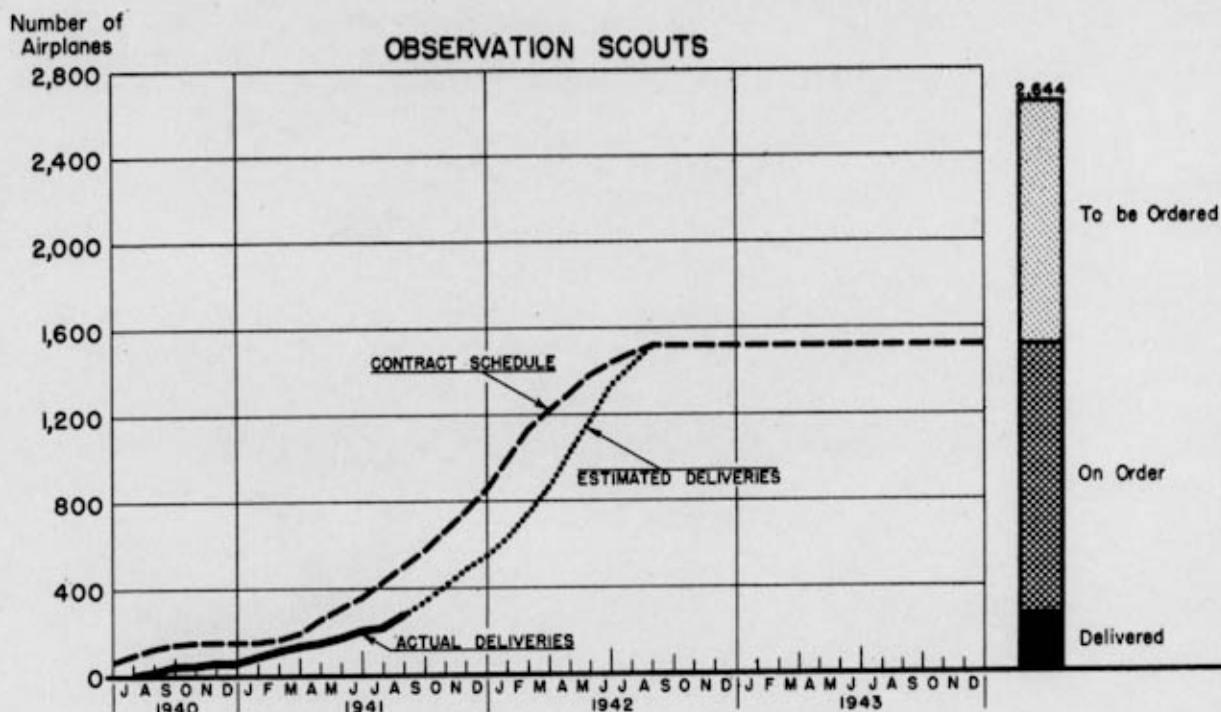
PATROL BOMBERS



Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

AIRPLANE PROCUREMENT PROGRESS

1 July 1940 — 31 December 1943



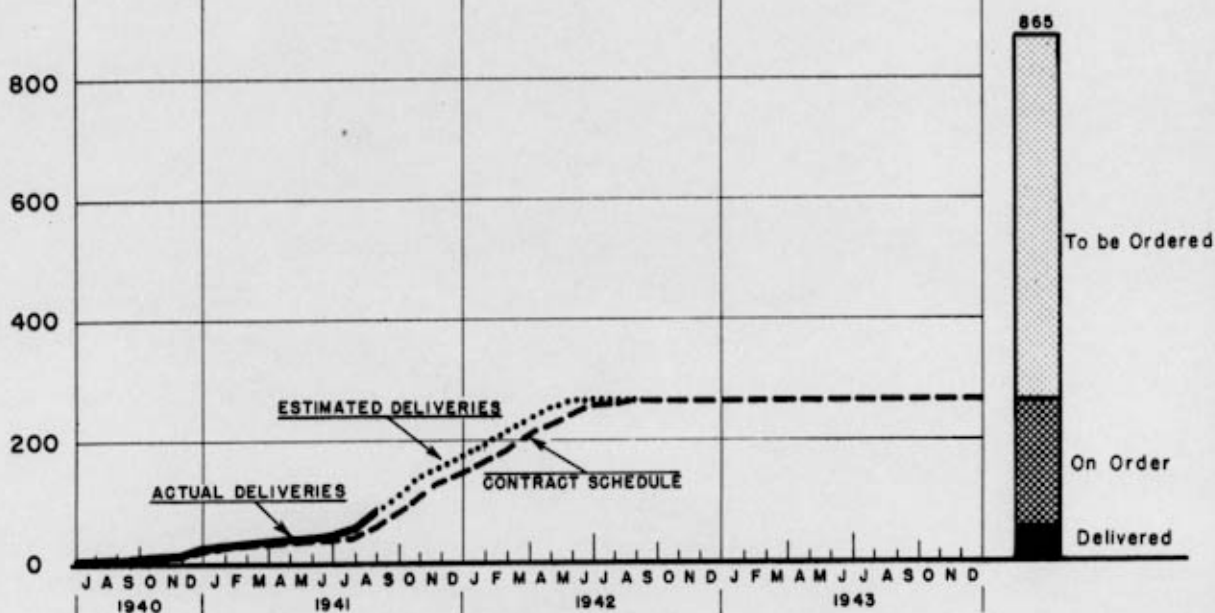
Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

AIRPLANE PROCUREMENT PROGRESS

1 July 1940 — 31 December 1943

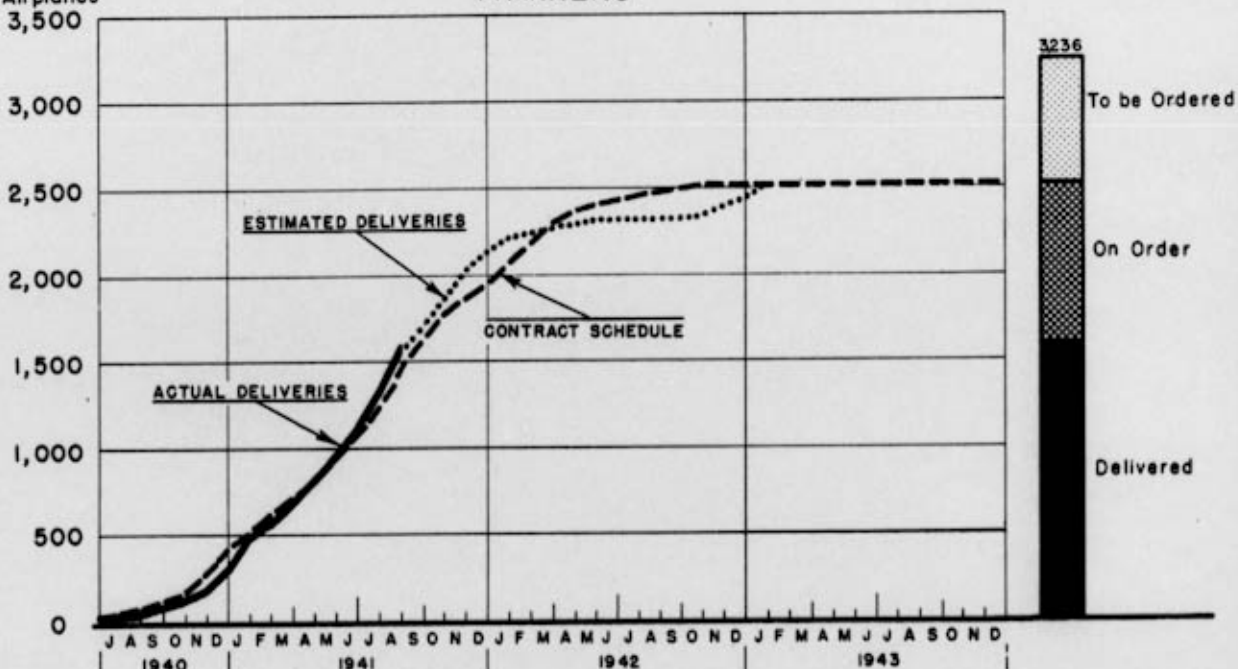
Number of
Airplanes
1,000

TRANSPORTS AND UTILITIES



Number of
Airplanes
3,500

TRAINERS



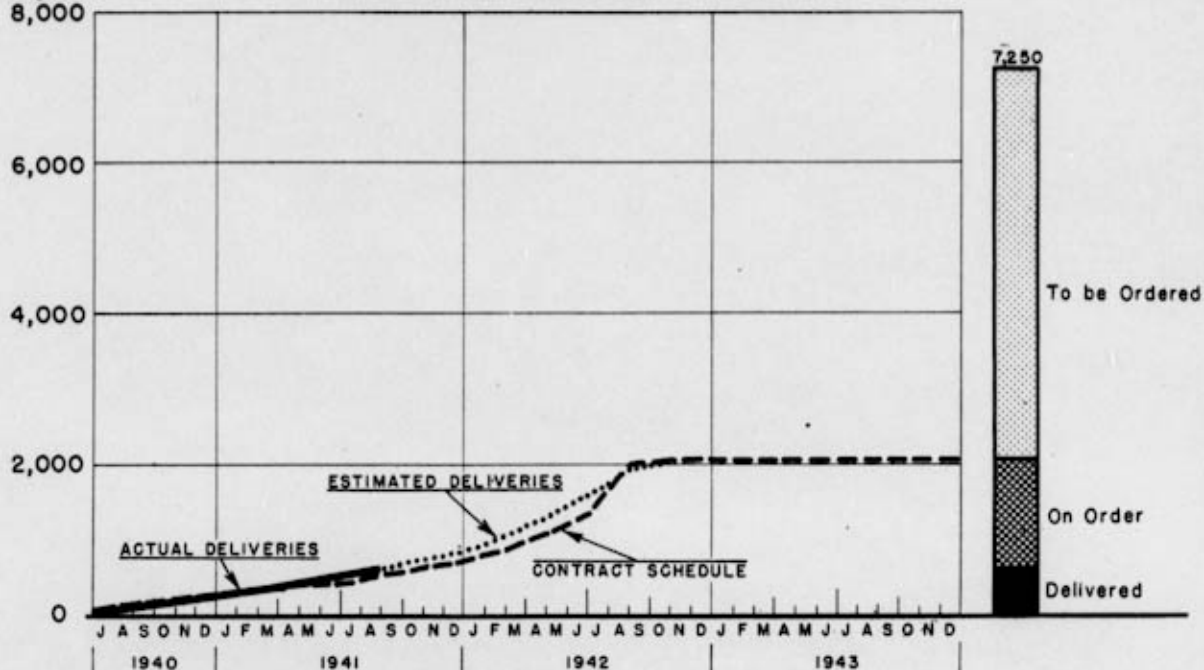
Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

ENGINE PROCUREMENT PROGRESS

1 July 1940 — 31 December 1943

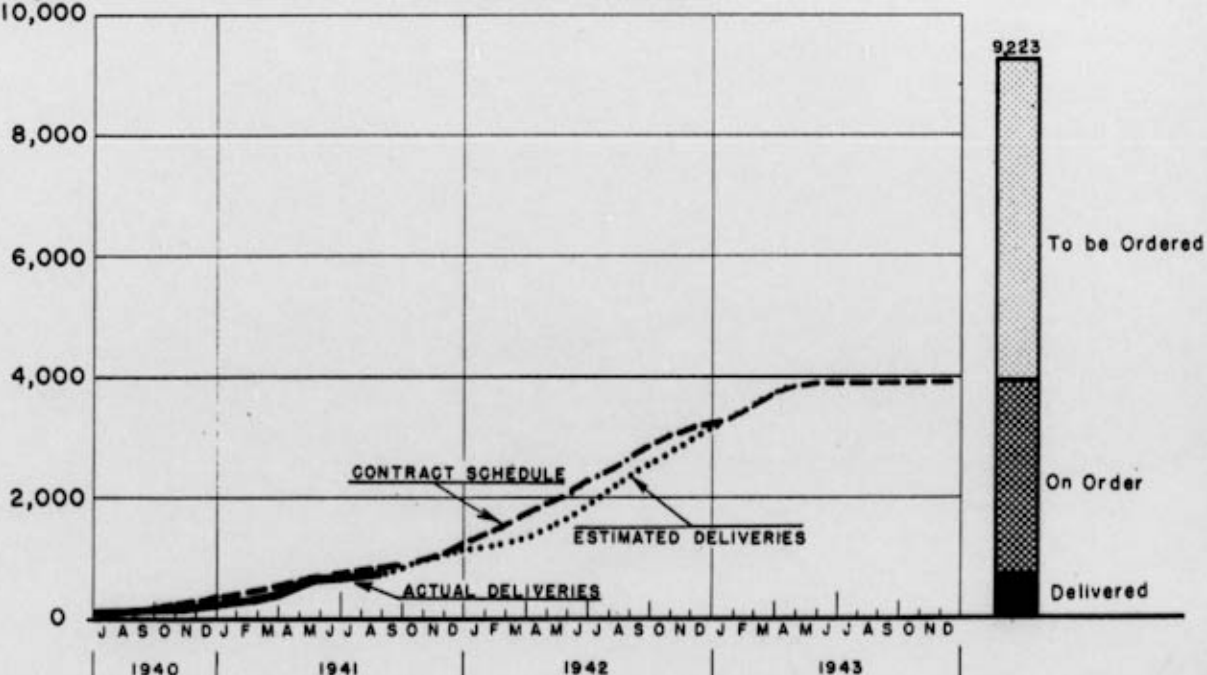
Number of
Engines
8,000

SCOUT AND TORPEDO BOMBERS



Number of
Engines
10,000

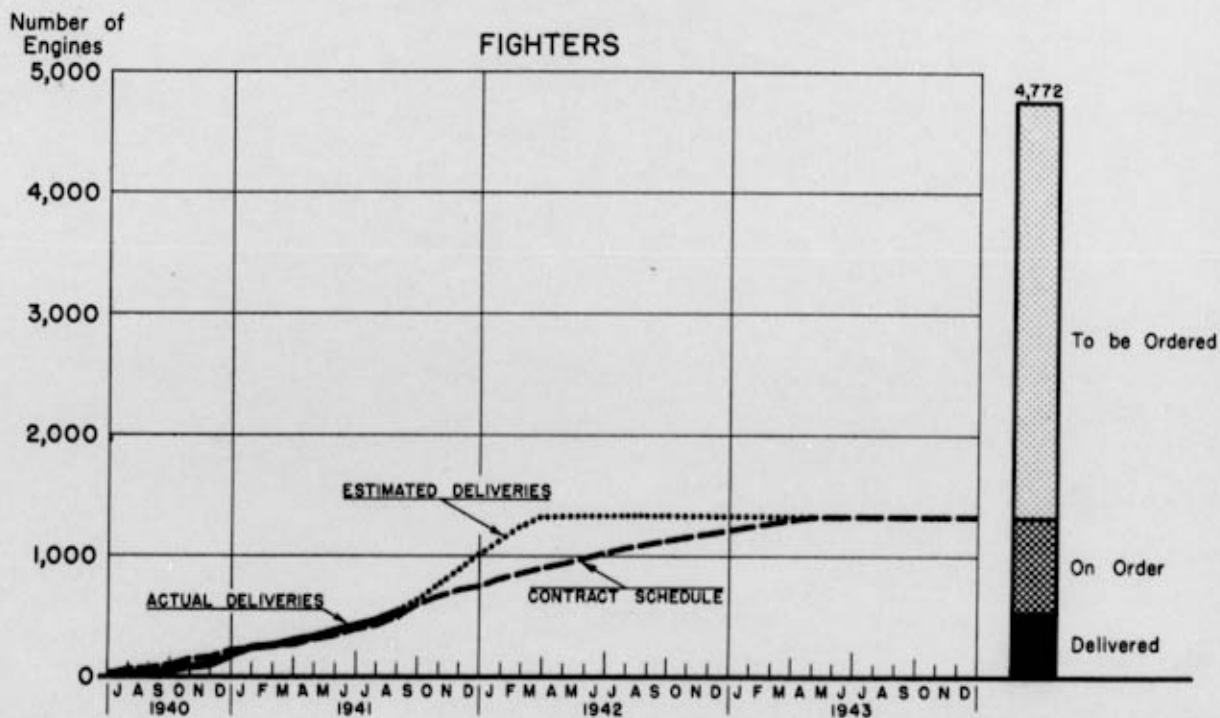
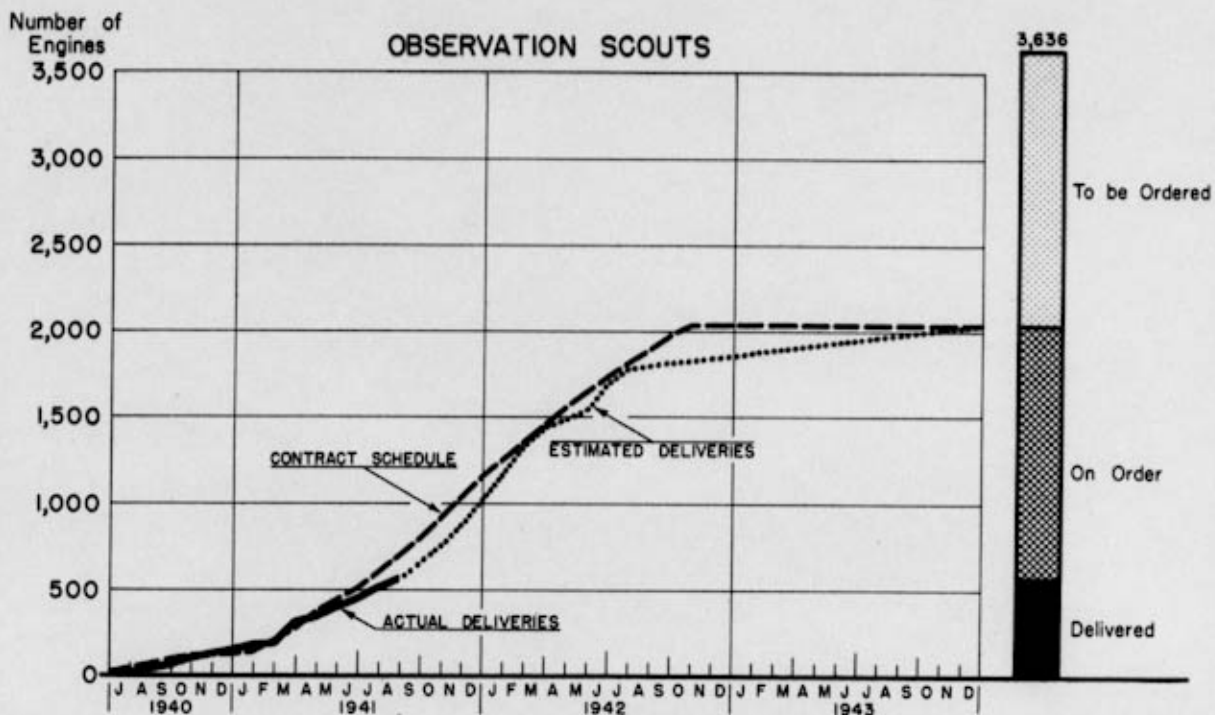
PATROL BOMBERS



Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

ENGINE PROCUREMENT PROGRESS

1 July 1940 — 31 December 1943



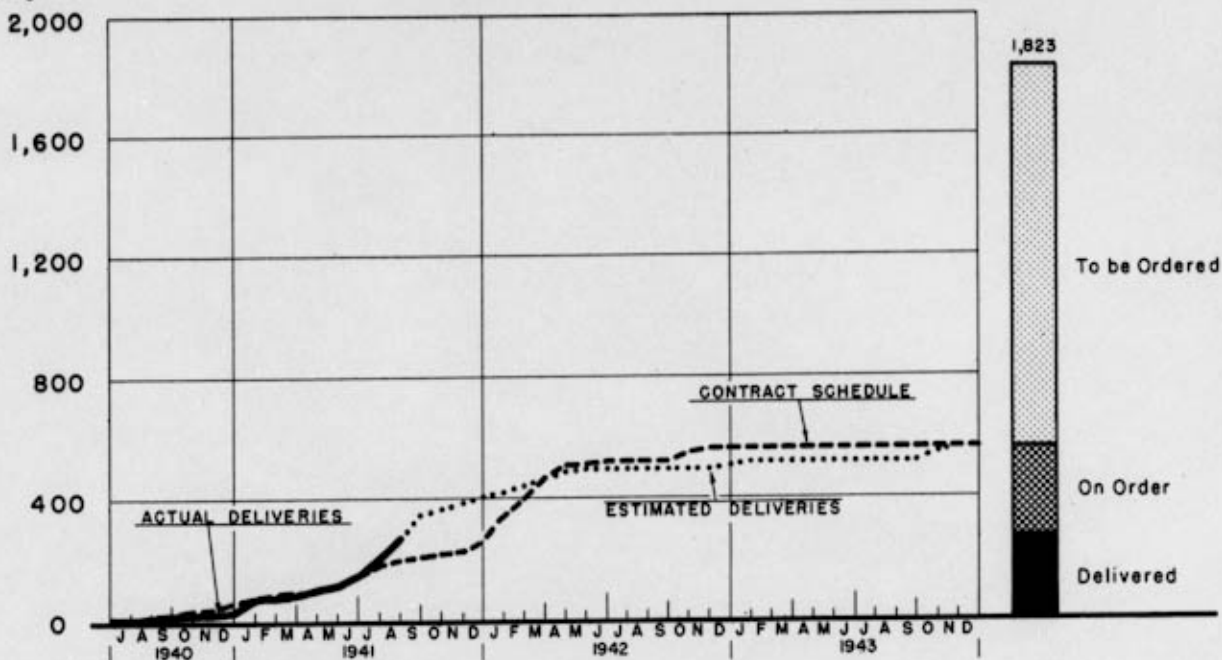
Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

ENGINE PROCUREMENT PROGRESS

1 July 1940 - 31 December 1943

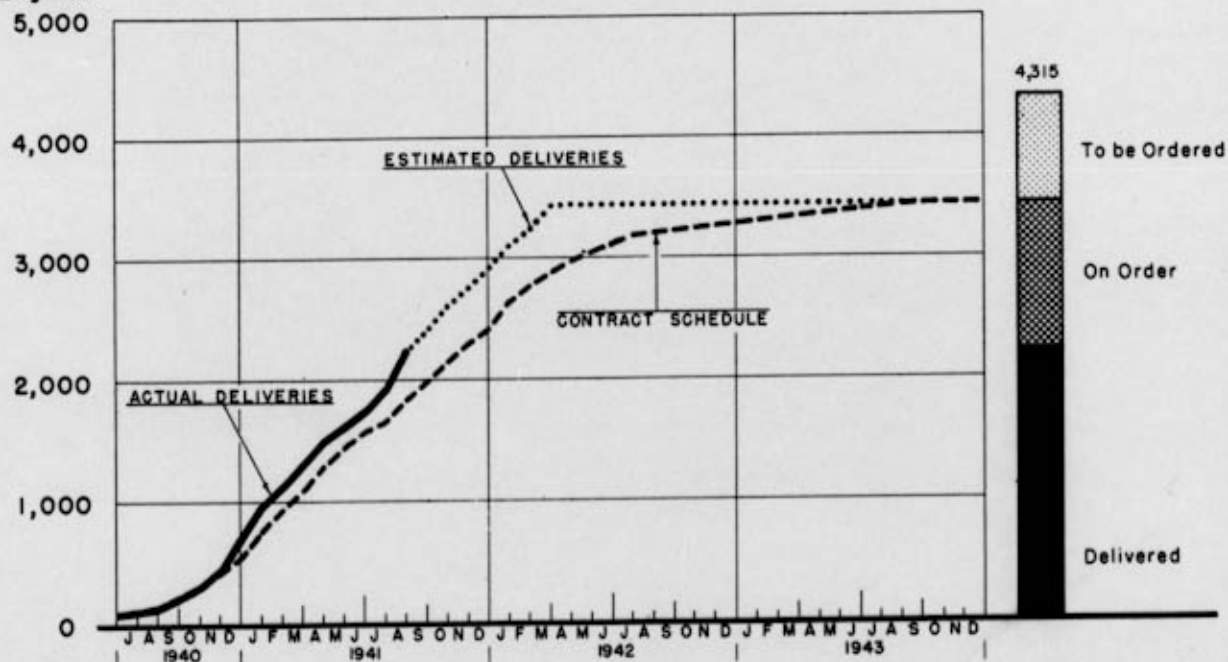
Number of
Engines
2,000

TRANSPORTS AND UTILITIES



Number of
Engines
5,000

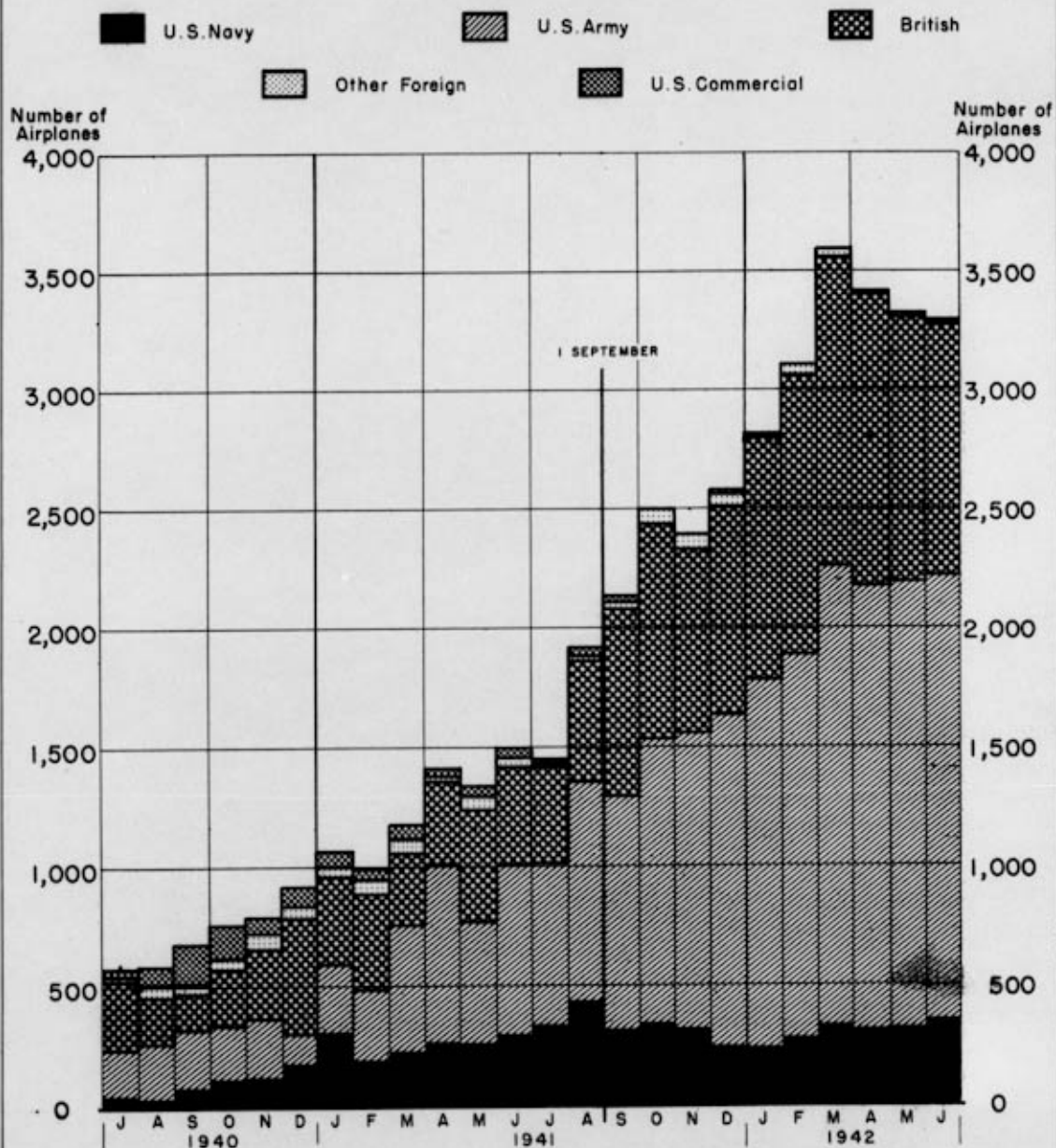
TRAINERS



Note: Bars at right of grids represent total procurement required to accomplish complete planned program.

AIRPLANE DELIVERIES BY PURCHASER

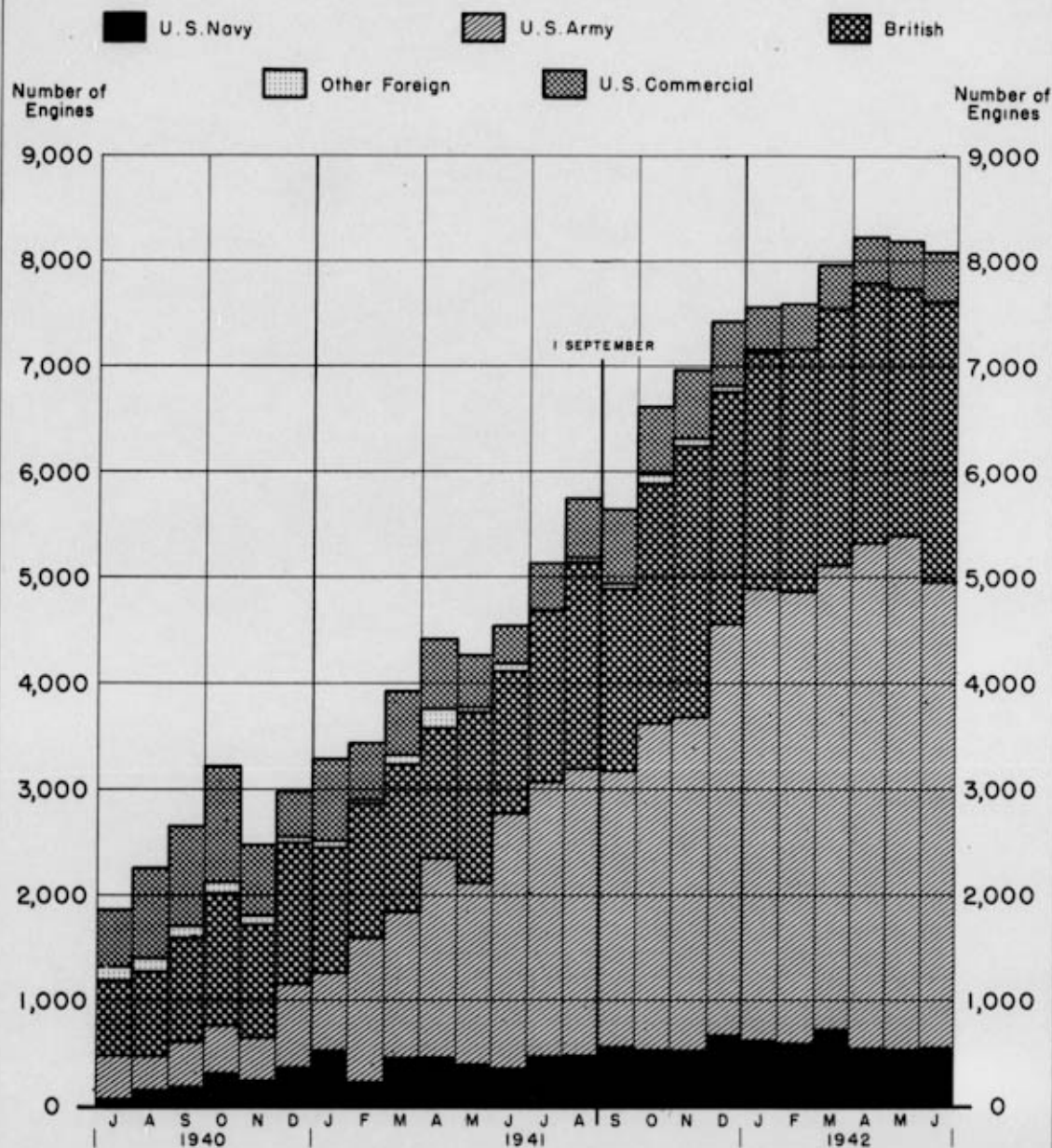
1 September 1941



Note : Monthly deliveries charted are actual to 1 Sept. 1941, thereafter they reflect the estimates shown in the Materiel Division (Air Corps) Consolidated Statistical Report of 1 Sept. 1941.

ENGINE DELIVERIES BY PURCHASER

1 September 1941



Note: Monthly deliveries charted are actual to 1 Sept. 1941; thereafter they reflect the estimates shown in the Material Division (Air Corps) Consolidated Statistical Report of 1 Sept. 1941.

AIRPLANE DELIVERIES BY MANUFACTURER - 1 SEPTEMBER 1941

Manufacturer and Class	Model Series	1 July 1940 - 1 September 1941			Percent of Schedule Actually Delivered			
		Ordered *	Scheduled Deliveries	Actual Deliveries	May	Jun	Jul	Aug
Brewster:								
Scout Bomber	SB2A-1	203	3	0	-	0	0	0
Fighter	F2A-1 & 2	54	54	54		All Delivered		
Fighter	F2A-3	108	108	25	0	0	1	23
Consolidated:								
Patrol Bomber (2)	PBY-5	167	160	162	67	79	94	101
Patrol Bomber (4)	PB2Y-2 & 3	259	5	5	60	80	100	100
Curtiss-Wright:								
Scout Bomber	SBC-4	50	50	50		All Delivered		
Trainer (advanced)	SNC-1	150	90	46	10	3	43	51
Observation Scout	SO3C-1 & 2	300	2	0	-	-	-	0
Douglas:								
Scout Bomber	SBD-1	57	57	57		All Delivered		
Scout Bomber	SBD-2	87	87	87		All Delivered		
Scout Bomber	SBD-3	174	126	105	58	72	79	83
Bomber (2)	BD-1 & 2	9	4	1	100	100	33	25
Transport (2)	R3D-1 & 2	6	6	6		All Delivered		
Transport (2)	R4D-1 & 2	32	12	2	100	50	29	17
Grumman:								
Fighter	F4F-3	78	78	78		All Delivered		
Fighter	F4F-3, 3A & 4	819	82	187	228	225	229	228
Utility (1)	J2F-5	144	8	1	-	-	0	12
Utility (2)	JRF-4 & 5	25	18	14	100	100	79	78
Martin:								
Patrol Bomber (2)	PBM-1	20	20	20		All Delivered		
N.A.F.:								
Scout Bomber	SBN-1	30	30	23	3	63	77	77
Trainer (primary)	N3N-3	100	100	100		All Delivered		
Trainer (primary)	N3N-3	666	408	482	129	124	121	118
North American:								
Trainer (advanced)	SNJ-2	25	25	25		All Delivered		
Trainer (advanced)	SNJ-3	476	14	156	**	5500	1317	1114
Ryan:								
Trainer (primary)	NR-1	100	100	97	0	0	41	97
Spartan:								
Trainer (primary)	NP-1	201	114	3	2	1	1	3
Stearman:								
Trainer (primary)	N2S-1	250	250	250		All Delivered		
Trainer (primary)	N2S-2	125	125	124	2	31	73	99
Trainer (primary)	N2S-3	225	160	225	98	109	180	141
Vought-Sikorsky:								
Scout Bomber	SB2U-3	57	57	57	77	98	All Delivered	
Observation Scout	OS2U-1	54	54	54		All Delivered		
Observation Scout	OS2U-2	158	158	158	73	96	All Delivered	
Observation Scout	OS2U-3	706	292	62	1	1	3	21
Vultee:								
Trainer (advanced)	SNV-1	200	75	75	-	-	-	100
Miscellaneous		77	55	41	72	70	70	75
Total Contracted but not Due or Delivered		2,637	-	-	-	-	-	-
Grand Total - All Manufacturers		8,829	2,987	2,832	93	83	92	95

Notes: Figure in parentheses next to class of plane indicates number of engines installed.

* Includes quantities undelivered 1 July 1940 on orders placed previous to that date.

** None due, deliveries ahead of schedule.

ENGINE DELIVERIES BY MANUFACTURER - 1 SEPTEMBER 1941

Manufacturer and Class of Airplane	1 July 1940 - 1 September 1941			Percent of Schedule Actually Delivered			
	Ordered *	Scheduled Deliveries	Actual Deliveries	May	Jun	Jul	Aug
Continental: Trainer (primary)	633	500	633		All Delivered		
Lycoming: Trainer (primary)	433	230	248	83	93	101	108
N.A.F.: Trainer (primary)	968	411	524	90	80	127	127
Pratt and Whitney:							
Scout Bomber	76	76	76		All Delivered		
Patrol Bomber (2)	1,035	661	587	122	110	97	89
Patrol Bomber (4)	1,432	36	36	100	100	100	100
Observation Scout	1,632	538	564	107	102	108	105
Fighter	1,111	374	348	83	85	89	93
Utility (2)	141	137	129	121	145	94	94
Transport (1)	30	18	12	43	88	69	67
Transport (2)	142	9	46	100	100	100	511
Trainer (advanced)	717	233	316	128	133	134	136
Ranger:							
Observation Scout	400	156	0	0	0	0	0
Wright:							
Scout Bomber	1,231	356	432	117	126	124	121
Torpedo Bomber	741	96	95	83	74	106	99
Patrol Bomber (2)	1,118	113	85	81	94	79	75
Fighter	211	124	185	195	185	177	149
Utility (1)	216	0	49	**	**	**	**
Transport (2)	9	9	9	71	78	All Delivered	
Trainer (primary)	150	150	150	100	All Delivered		
Trainer (advanced)	200	129	133	104	103	103	103
Miscellaneous	851	270	288	-	-	-	-
Grand Total - All Manufacturers	13,477	4,626	4,945	106	102	106	107

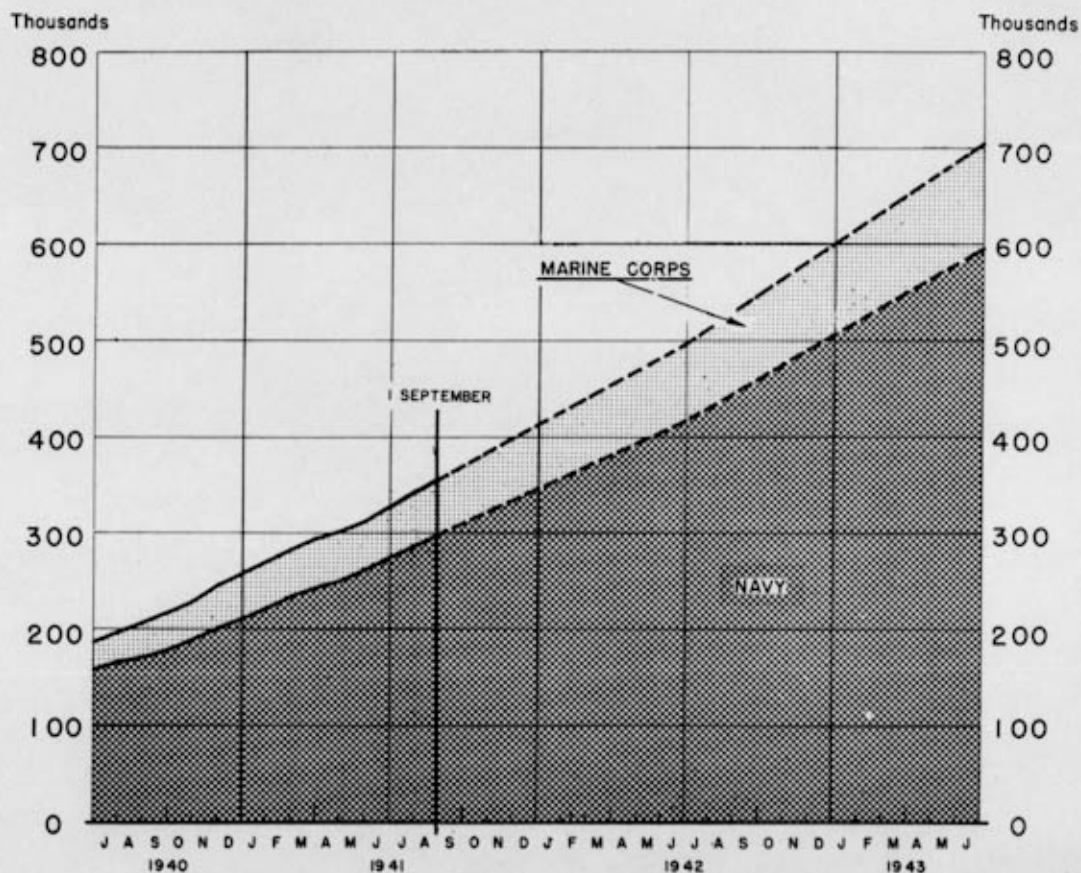
* Includes quantities undelivered 1 July 1940 on orders placed previous to that date.

** None due, deliveries ahead of schedule.

NAVY AND MARINE CORPS PERSONNEL

Total Officers and Enlisted Men, 1 July 1940 - 30 June 1943

ACTIVE DUTY ONLY



MILITARY PERSONNEL ON ACTIVE DUTY - NAVY AND MARINE CORPS - 1 SEPTEMBER 1941

Type of Personnel	Regulars			Retired	Reserves			Total		
	Ashore	Afloat	Total	(All Ashore)	Ashore	Afloat	Total	Ashore	Afloat	Grand Total
NAVY	69,692	157,679	227,371	3,441	35,499	27,127	62,626	108,632	184,806	293,438
<u>Officers</u>	<u>4,675</u>	<u>7,161</u>	<u>11,836</u>	<u>1,471</u>	<u>12,023</u>	<u>5,991</u>	<u>18,014</u>	<u>18,169</u>	<u>13,152</u>	<u>31,321</u>
Line (less EDO's & Aviators)	1,511	4,141	5,652	1,108	4,830	4,721	9,551	7,449	8,862	16,311
Line Aviators	625	946	1,571	-	2,147	820	2,967	2,772	1,766	4,538
Line EDO's	298	33	331	10	-	-	-	308	33	341
I - V (S)	-	-	-	-	992	6	998	992	6	998
Medical Corps	732	330	1,062	101	1,224	147	1,371	2,057	477	2,534
Dental Corps	202	120	322	6	256	34	290	464	154	618
Supply Corps	359	253	612	115	1,148	213	1,361	1,622	466	2,088
Chaplain Corps	57	46	103	1	63	5	68	121	51	172
Construction Corps	-	-	-	31	93	1	94	124	1	125
Civil Engineering Corps	132	1	133	6	625	0	625	763	1	764
Warrant	759	1,291	2,050	93	96	42	138	948	1,333	2,281
Other	-	-	-	-	549	2	551	549	2	551
O-V(S), L-V(S), etc.	-	-	-	-	-	-	-	-	-	-
<u>Enlisted Men</u>	64,497	150,493	214,990	1,970	23,293	21,136	44,429	89,760	171,629	261,389
<u>Nurses</u>	520	25	545	0	183	0	183	703	25	728
MARINE CORPS	43,678	3,335	47,013	152	12,443	272	12,715	56,273	3,607	59,880
<u>Officers</u>	<u>1,638</u>	<u>145</u>	<u>1,783</u>	<u>148</u>	<u>1,484</u>	<u>3</u>	<u>1,487</u>	<u>3,270</u>	<u>148</u>	<u>3,418</u>
Line (less Aviators)	1,061	145	1,206	145	1,282	3	1,285	2,488	148	2,636
Line Aviators	299	0	299	3	188	0	188	490	0	490
Quartermaster	-	-	-	-	-	-	-	-	-	-
Duty Only	20	0	20	0	0	0	0	20	0	20
Paymaster Duty Only	7	0	7	0	0	0	0	7	0	7
Warrant	251	0	251	0	14	0	14	265	0	265
<u>Enlisted Men</u>	42,040	3,190	45,230	4	10,959	269	11,228	53,003	3,459	56,462
GRAND TOTAL NAVY & USMC	113,370	161,014	274,384	3,593	47,942	27,399	75,341	164,905	188,413	353,318

Note: The permanent authorized enlisted strength of the active list of the Regular Navy is 232,000. The President is authorized, whenever in his judgment a sufficient emergency exists, to increase this number to 300,000. The authorized enlisted strength of the active list of the Marine Corps is 20 percent of the authorized enlisted strength of the Navy. For both the Navy and Marine Corps, the authorized number of commissioned officers of the active list of the Line, exclusive of commissioned warrant officers, is 5-1/2 percent of the authorized enlisted strength of the active list.

STATUS OF AVIATION PERSONNEL - 1 SEPTEMBER 1941

Type of Personnel	Active Personnel Required for 15,000 Planes	Total Number in Service		New Pilots			In Training 1 Sept 1941
		1 July 1940	1 Sept 1941	7/1/40-8/31/41	July 1941	Aug 1941	
NAVY	172,136	29,245	63,275	1,722	211	302	4,049
<u>Flight Personnel</u>	<u>47,795</u>	<u>5,952</u>	<u>12,037</u>	<u>1,722</u>	<u>211</u>	<u>302</u>	<u>4,049</u>
Pilots							
Officers, Regular	4,089	1,099	1,596	175	8	8	61
Officers, Reserve	9,056	1,050	2,259	1,430	177	272	-
Enlisted	3,340	587	649	117	26	22	261
Cadets (a)	-	-	-	-	-	-	3,727
Total Pilots	16,485	2,736	4,504	1,722	211	302	4,049
Non-Pilots							
Officers	110	28	58	-	-	-	-
Enlisted	31,200	3,188	7,475(b)	-	-	-	-
Total Non-Pilots	31,310	3,216	7,533	-	-	-	-
<u>Non-Flying Personnel</u>	<u>124,341</u>	<u>23,293</u>	<u>51,238</u>	-	-	-	-
Officers	3,808	790	2,971	-	-	-	-
Enlisted	120,533	22,503	48,267(b)	-	-	-	-
U. S. MARINE CORPS	34,112	1,947	4,416	159	22	18	271
<u>Flight Personnel</u>	<u>6,854</u>	<u>676</u>	<u>1,282</u>	<u>159</u>	<u>22</u>	<u>18</u>	<u>271</u>
Pilots							
Officers, Regular	1,100	200	296	30	0	0	10
Officers, Reserve	2,061	104	188	114	21	18	-
Enlisted	945	45	52	15	1	0	18
Cadets (a)	-	-	-	-	-	-	243
Total Pilots	4,106	349	536	159	22	18	271
Non-Pilots							
Officers	0	1	2	-	-	-	-
Enlisted	2,748	326	744	-	-	-	-
Total Non-Pilots	2,748	327	746	-	-	-	-
<u>Non-Flying Personnel</u>	<u>27,258</u>	<u>1,271</u>	<u>3,134</u>	-	-	-	-
Officers	218	16	25	-	-	-	-
Enlisted	27,040	1,255	3,109	-	-	-	-
GRAND TOTAL NAVY & USMC	206,248	31,192	67,691	1,881	233	320	4,320

(a) Cadets who have completed training are included under "Officers, Reserve".

(b) As of 1 August 1941.

EMPLOYMENT AT NAVY YARDS AND STATIONS - DISTRIBUTION OF WORKERS BY HOURS AND SHIFTS - 1 SEP 1941

Yard or Station	Total Workers	Workers by Hours Worked Weekly						Percent of Total Workers on Each Shift		
		Number Working			Percent Working					
		40 hours	48 hours	Over 48	40 hrs	48 hrs	Over 48	1st	2nd	3rd
Navy Yard Boston	17,000	0	14,000	3,000	0	82	18	72	22	6
Navy Yard Cavite	6,066	2,144	1,666	2,256	35	28	37	85	11	4
Navy Yard Charleston	8,450	1,411	4,644	2,395	17	55	28	77	15	8
Navy Yard Mare Island	18,219	394	15,647	2,178	2	86	12	76	16	8
Navy Yard New York	18,470	5,355	5,489	7,626	29	30	41	76	15	9
Navy Yard Norfolk	21,175	2,583	6,528	12,064	12	31	57	73	19	8
Navy Yard Pearl Harbor	7,623	1,278	4,017	2,328	17	53	30	83	12	5
Navy Yard Philadelphia	17,998	2,515	11,906	3,577	14	66	20	80	15	5
Navy Yard Portsmouth	8,416	821	7,376	219	10	88	2	73	15	12
Navy Yard Puget Sound	13,439	3,078	9,770	591	23	73	4	73	19	8
Navy Yard Washington	13,740	2,902	10,592	246	21	77	2	70	18	12
Newport, R.I. (NTS)	4,911	107	3,886	918	2	79	19	73	16	11
Norfolk, Va. (NAS)	1,310	530	380	400	40	29	31	76	24	0
Pensacola, Fla. (NAS)	3,003	1,374	1,629	0	46	54	0	88	12	*
Philadelphia, Pa. (NAF)	3,676	1,703	1,973	0	46	54	0	85	11	4
San Diego, Calif. (NAS)	2,133	1,762	371	0	83	17	0	93	7	0

Note: Exclusive of Group IVb employees.

* Less than one percent.

BRITISH BASES (NAVAL AIR STATIONS) CONSTRUCTION PROGRAM - 1 SEPTEMBER 1941

Location	Status	Estimated Cost	Start of Work at Site	Percent Physical Completion		Usable Completion Date
				Aug Gain	Total	
Antigua	All temporary construction is complete and all of the permanent construction on buildings planned is completed. The cold storage building has not been started as yet and the plans for the dispensary building have just been received. The fresh water supply lines are delayed because of lack of pipe, but the sanitary system to all completed buildings is in operation. The temporary seaplane ramp is completed, but the parking area is being delayed by lack of tie-backs for the bulkhead. The lack of pipe is delaying all work where this material is needed.	\$1,634,300	Feb 1941	3	43	Dec 1941
Bahamas	The survey of Great Exeuma Sound is now complete and charts are now being completed. The contractors have been notified to proceed and materials already purchased for this station have been released to the contractor.	2,550,000	-	-	-	-
Bermuda	Lack of material is holding up much important work here. Slow receipt of piles is delaying the work on the bulkheads, precast slabs have not arrived for the seaplane ramp, scarcity of mesh is preventing the completion of the parking area, and delay in steel shipment is holding up work on the hangar. The barracks and mess hall are now occupied and the steel framing on the bachelor officers' quarters is complete. Much of the important work is still in the preliminary and planning stage. This being the largest of the British bases, it requires more planning and preliminary work and naturally will require more time to complete than will the smaller bases.	12,899,200	Apr 1941	0	10	Jun 1942
Jamaica	Temporary buildings, etc., are in use and some of the permanent structures will be usable about the first of October. The fresh water supply, after drilling 485 feet, has not been reached. The several utilities are in various stages of completion, all showing progress. The ordnance buildings are showing continued progress, and expected completion is about the first of October. The conditions relative to the tender pier, seaplane ramp and bulkhead are still in the preliminary stages. No unusual delays, however, are holding up the progress of the work.	1,918,600	Feb 1941	6	35	Nov 1941

Notes: Final approval has been obtained on the layouts for Antigua, Bermuda, Jamaica, Newfoundland, St. Lucia and Trinidad. Preliminary layouts for all locations were begun on 15 November 1940.

Funds for the work indicated were allotted to the Bureau of Yards and Docks from the President's Emergency Fund. Additional funds from Public Works appropriations are available for other work at these stations.

(Concluded on next page)

BRITISH BASES (NAVAL AIR STATIONS) CONSTRUCTION PROGRAM - 1 SEPTEMBER 1941 (CONCLUDED)

Location	Status	Estimated Cost	Start of Work at Site	Percent Physical Completion		Usable Completion Date
				Aug Gain	Total	
British Guiana	The pier is completed and the construction camp is in use. Roads are progressing well, and other work is proceeding. A large part of each building is of prefabricated materials being constructed in the United States and will show rapid progress while being erected at the site. The seaplane ramp and parking area are showing progress, as the clearing of the site is 97 percent complete.	\$1,500,000	Apr 1941	3	25	Jan 1942
Newfoundland	The contractor's temporary buildings are practically complete and much of the construction material is purchased. The tender pier, seaplane hangar and emergency beaching for seaplanes are progressing, the latter, in fact, is usably complete. The permanent work, including shops, quarters, administration building, etc., authorized by recent legislation, is getting under way and much of it is due for completion within the current year.	17,946,700	Jan 1941	21	30	May 1942
St. Lucia	Buildings to house personnel and for administrative purposes are complete and in use, as are also the parking area and temporary seaplane ramp. An additional parking area has just been authorized, and plans have been received for a landing float. The ordnance buildings' work, roads and road structures are moving slowly because of difficult excavation problems. Much of the excavation is rock and there is a serious lack of equipment for expediting this work. The difficulty in obtaining pipe is delaying work where this material is required. Plans have just been received for a dispensary. The tender pier shows very little progress, but the materials for it are on hand.	1,352,100	Feb 1941	10	35	Dec 1941
Trinidad	Much of the permanent work at this station is in the planning stage, and those buildings under construction are being delayed by the lack of steel and good roads for transporting materials. The dredge "Indiana" started operating on 23 August and is now making preparations for the construction of the seaplane ramps, parking area, bulkhead, pier and turning basin. The work generally, as indicated by the report, is not progressing with as much dispatch as that at some of the other stations.	12,549,600	Feb 1941	2	17	Aug 1942

Notes: Final approval has been obtained on the layouts for Antigua, Bermuda, Jamaica, Newfoundland, St. Lucia and Trinidad. Preliminary layouts for all locations were begun on 15 November 1940.

Funds for the work indicated were allotted to the Bureau of Yards and Docks from the President's Emergency Fund. Additional funds from Public Works appropriations are available for other work at these stations.

DEFENSE AID PROGRAM

ALLOCATIONS

Since 29 July, \$132,448,539 for 43 projects have been re-allocated to the Bureaus of the Navy Department, increasing the total program of which the various Bureaus and Offices have been notified to that date to \$1,088,996,375 for 319 projects, after all adjustments. A total of \$1,000,090 additional are held in reserve.

The August increase is made up primarily of allocations to the Bureau of Ordnance for Oerlikon guns, ammunition and facilities, and to the Bureau of Aeronautics for propellers, engines, Grumman TBF-1, Curtiss-Wright SNC and SO3C-1 planes.

In addition, at the end of August there were allocated to the Navy Department by the President, but not re-allocated to the Bureaus until after 1 September, \$15,674,256 for 25 new projects and \$161,860 for upward adjustments on previous projects.

PHYSICAL PROGRESS

To 1 September, 40 projects for which \$43,602,280 were allocated have been completed, an increase of 15 projects during the month. The most striking progress in August continues to be found in the repair and overhaul work on foreign vessels under the cognizance of the Bureau of Ships and the Bureau of Ordnance. Beyond this, progress toward completion shows up principally in relatively small individual items like cable, marine and airplane engines, parts and accessories, generators, material of all kinds for bases, and in the purchase of petroleum products. On a number of the larger and more complicated projects, actual production is fairly close at hand and has actually begun in the case of Oerlikon ammunition.

DELIVERIES

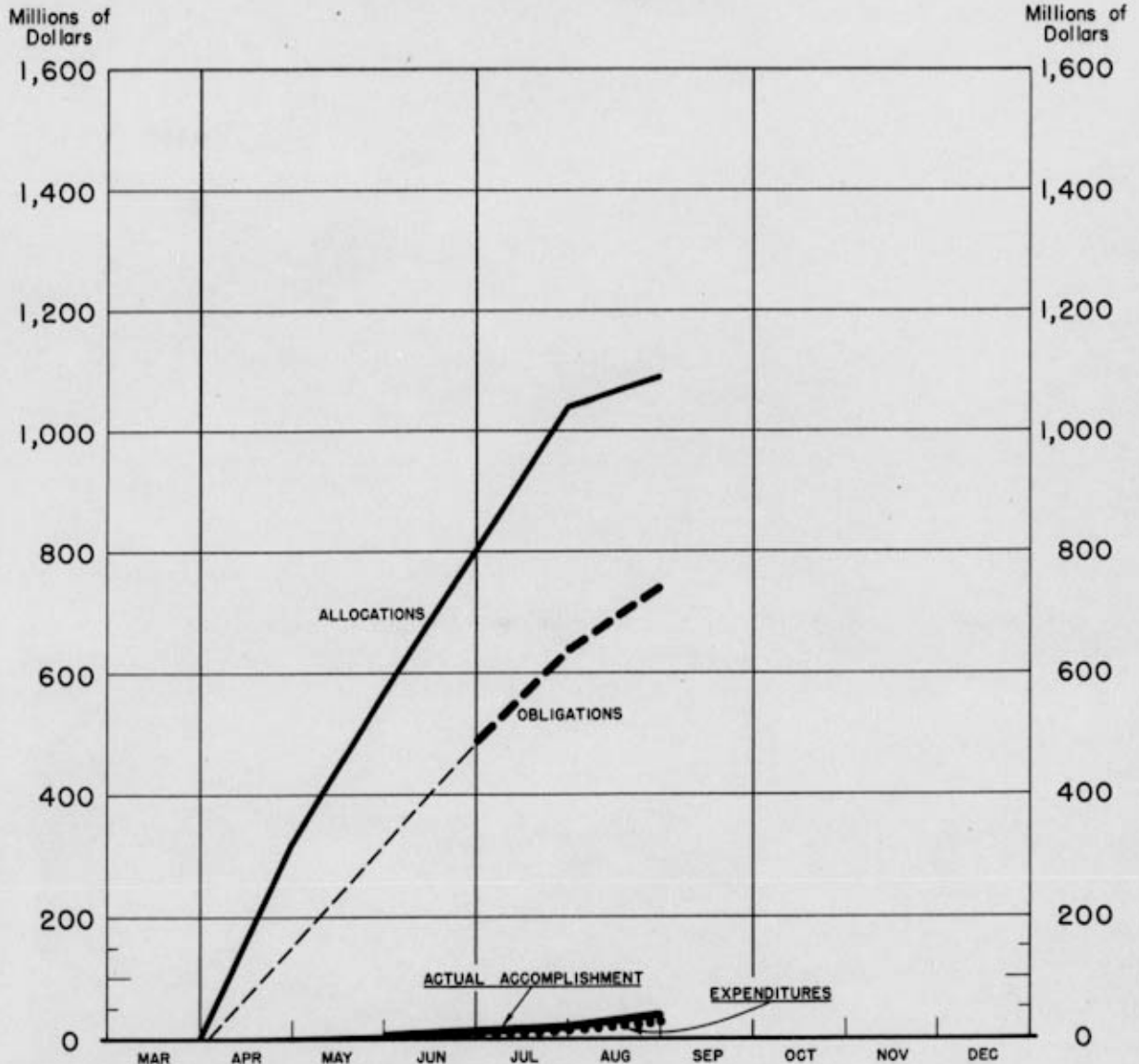
Material valued at \$7,638,172 was shipped during August. This is slightly more than three times the dollar value of July shipments and brings the total value of shipments through 31 August to \$20,986,611. August was the first month in which deliveries of materials procured with Defense Aid Supplemental Appropriations exceeded shipments from stocks. Eighty percent of the total value of deliveries reported in August was petroleum products. The balance was largely guns, mounts, projectiles and Degaussing cable.

OBLIGATIONS

As of 31 August, \$740,647,674 had been obligated through contract, letter of intent, project order, Bureau requisition, Bureau allotment or services against the total of \$1,105,803,081 made available to the Navy Department to that date. The proportion of funds committed to funds available, at 67%, remains approximately the same as at the end of July.

DEFENSE AID FUNDS

11 March 1941 to 1 September 1941



NOTES: The line for Actual Accomplishment is composed of the money value of shipments, inventories, servicing, material for bases, and miscellaneous expenses all chargeable to Defense Aid Supplemental Appropriations.

In addition to materials procured and work done with funds from Defense Aid Supplemental Appropriations, there have been approved to 1 September requisitions from foreign governments which are to be filled with materials paid for from Prior Appropriations in the amount of \$ 22,577,718. Against these requisitions, materials to the value of \$13,627,965 have been delivered. \$ 55,317 worth of items from the Appropriation Purchases Account and the Ships Material Account have also been used in servicing foreign vessels.

PSF
Naval Summary
of Progress

Trans File
5-41

THE WHITE HOUSE
WASHINGTON

~~CONFIDENTIAL~~

October 29, 1941

file 7

MEMORANDUM FOR THE PRESIDENT

As being of possible interest to
the President there is forwarded herewith
Statistical Summary of Progress to 1 October,
1941, for the Bureau of Aeronautics, Navy
Department.

Respectfully,


J. R. BEARDALL

~~CONFIDENTIAL~~

Copy No. 2

NAVY DEFENSE PROGRAM

Bureau of Aeronautics

STATISTICAL SUMMARY OF PROGRESS

1 October 1941



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BUREAU OF AERONAUTICS

War Plans Section

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PSF
NAVY

BUREAU OF AERONAUTICS
STATISTICAL SUMMARY OF PROGRESS
1 OCTOBER 1941

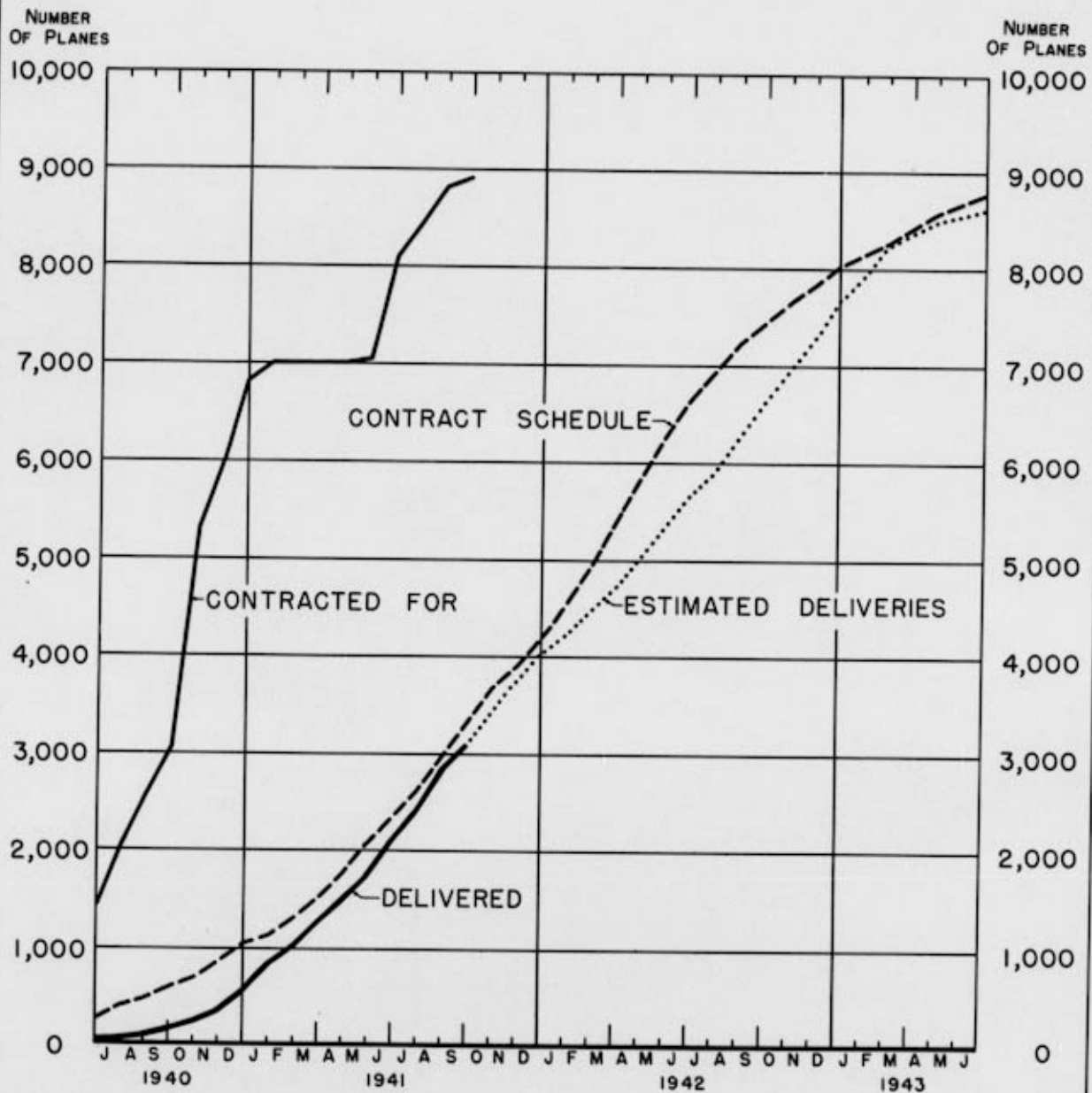
	PAGE
AIRPLANE PROCUREMENT PROGRAM*	1
AIRPLANES AND ENGINES ON HAND*.	2
AIRPLANES AND ENGINES ON HAND	3
AIRPLANE PROCUREMENT PROGRESS*.	4
ENGINE PROCUREMENT PROGRESS*.	5
AIRPLANE PRODUCTION PROGRAM	6
AIRPLANE AND ENGINE DELIVERIES BY CLASS	7
AIRPLANE DELIVERIES BY PURCHASER*	8
ENGINE DELIVERIES BY PURCHASER*	9
PILOT PERSONNEL*.	.10
AVIATION PERSONNEL.	.11

* CHART

Bureau of Aeronautics
War Plans Section

AIRPLANE PROCUREMENT PROGRAM

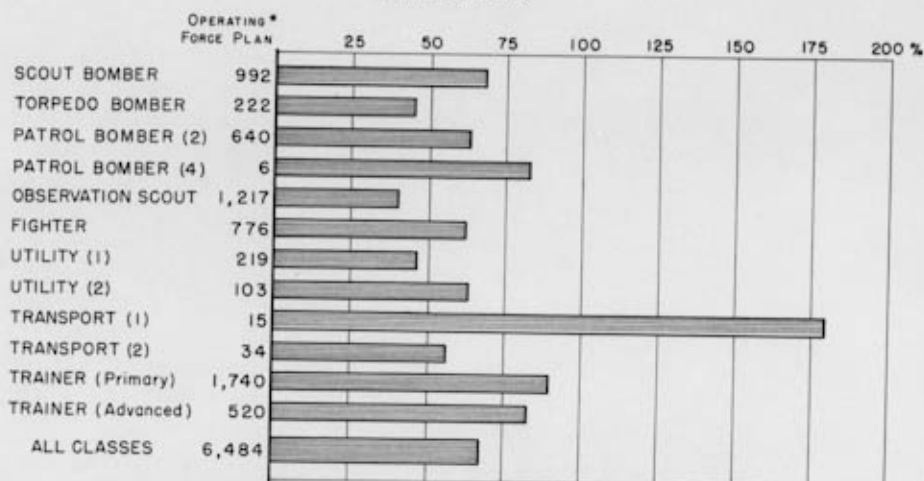
1 OCTOBER 1941



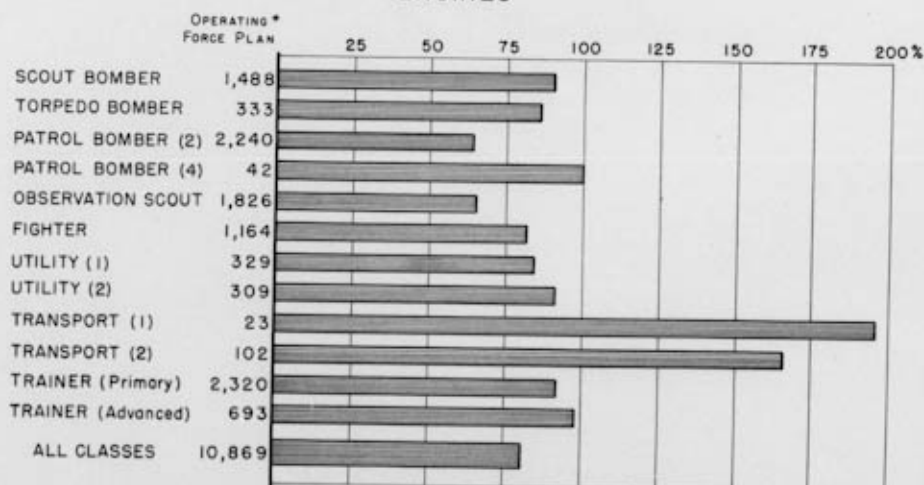
AIRPLANES AND ENGINES ON HAND IN PERCENT OF OPERATING FORCE PLAN

1 OCTOBER 1941

AIRPLANES



ENGINES



* NOTE: THE OPERATING FORCE PLAN INCLUDES NEW UNITS TO BE ORGANIZED TO DATE. FIGURES INCLUDE SPARES.

~~Confidential~~

War Plans Section

AIRPLANES ON HAND - 1 OCTOBER 1941

Class	Total Authorized Program	F.Y. 1942 Operating Force Plan	Operating Force Plan 1 Oct.	On Hand 1 Sept.	Delivered September	On Hand * 1 Oct.
VSB	3,077	1,264	992	664	12	674
VTB	1,277	390	222	101	0	101
VB	78	0	0	1	0	1
VPB (2)	1,450	696	640	395	5	400
VPB (4)	505	7	6	5	0	5
VOS	2,079	1,200	1,217	425	65	487
VF	2,907	1,010	776	426	56	478
VJ	349	201	219	101	0	101
VJR	198	125	103	54	12	65
VG	79	36	15	23	4	27
VR	139	40	34	19	0	19
VN	1,920	1,740	1,740	1,498	65	1,559
VSN	942	666	520	389	49	434
All Classes	15,000	7,375	6,484	4,101	268	4,351

* Net figures less airplanes stricken or transferred during the month.

AIRPLANE ENGINES ON HAND - 1 OCTOBER 1941

Class	Total Authorized Program	F.Y. 1942 Operating Force Plan	Operating Force Plan 1 Oct.	On Hand 1 Sept.	Delivered September	On Hand 1 Oct.
VSB	4,231	1,738	1,488	1,315	23	1,338
VTB	1,756	537	333	271	17	288
VB	273	0	0	2	8	10
VPB (2)	5,075	2,436	2,240	1,376	68	1,444
VPB (4)	3,535	49	42	42	0	42
VOS	2,859	1,650	1,826	1,135	55	1,190
VF	3,998	1,389	1,164	876	77	953
VJ	524	302	329	251	26	277
VJR	594	375	309	269	12	281
VG	119	52	23	41	4	45
VR	417	120	102	141	28	169
VN	2,560	2,320	2,320	2,038	95	2,133
VSN	1,256	888	693	631	45	676
All Classes	27,197	11,856	10,869	8,388	458	8,846

Notes: Data are for "Useful" planes, with the required installation and spare engines.

The "Total Authorized Program" is assumed to extend over a five-year period ending 30 June 1945. The "Fiscal Year 1942 Operating Force Plan" represents the portion of this program expected to be on hand at 30 June 1942. The "Operating Force Plan 1 October" is that portion of the existing naval aeronautic organization, including spares.

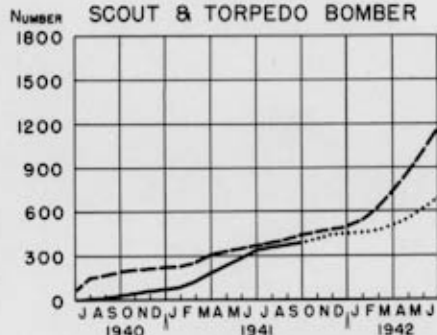
AIRPLANE PROCUREMENT PROGRESS

FOR FISCAL YEARS 1941 & 1942 — BY PRINCIPAL CLASSES

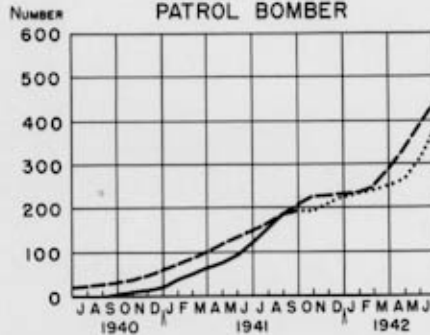
1 OCTOBER 1941

--- CONTRACT SCHEDULE ——— ACTUAL DELIVERIES ESTIMATED DELIVERIES

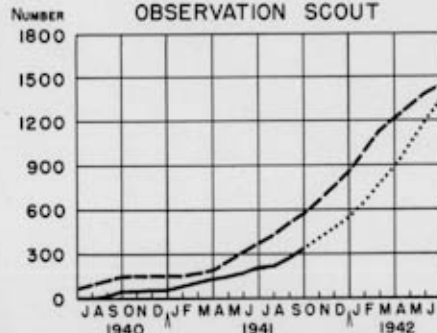
SCOUT & TORPEDO BOMBER



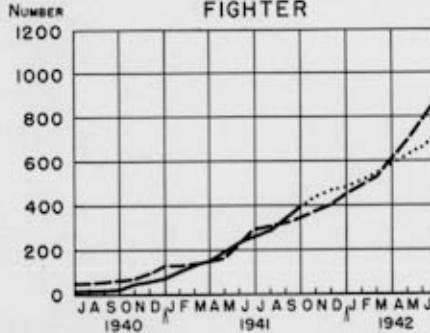
PATROL BOMBER



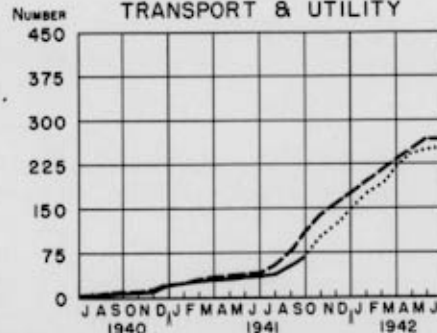
OBSERVATION SCOUT



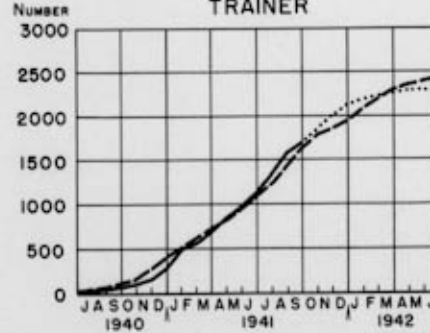
FIGHTER



TRANSPORT & UTILITY



TRAINER



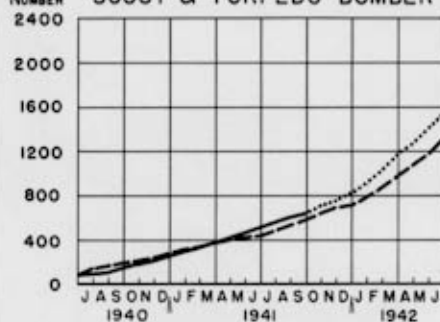
ENGINE PROCUREMENT PROGRESS

FOR FISCAL YEARS 1941 & 1942 — BY PRINCIPAL CLASSES

1 OCTOBER 1941

— — — CONTRACT SCHEDULE — — — ACTUAL DELIVERIES ESTIMATED DELIVERIES

SCOUT & TORPEDO BOMBER



Class of Airplane	Procurement Program							Total Deliveries Under Contracts		1941					
	Total	Un-allocated	Allocated to Manufacturer					Delivered to 1 Oct	Undelivered at 1 Oct	Oct	Nov	Dec	Jan	Feb	Mar
			Manufacturer	Model	Number	To be Ordered	Being Ordered	Ordered							
Scout Bomber	3,625	1,902	Brewster	SB2A	1,723	0	487	1,236	391	845	24	34	6	1	0
			Curtiss-Wright	SB2C	203	0	0	203	0	203				1	
			Douglas	SBC	865	0	287	578	0	578					
			N.A.F.	SBD	50	0	0	50	0	0					
			Vought-Sikorsky	SBN	518	0	200	318	261	57	17	34	6		
				SB2U	30	0	0	30	23	7	7				
					57	0	0	57	57	0					
Torpedo Bomber	1,430	879	Grumman	TBF	551	225	0	326	0	326			1	3	7
Bomber (2 Engine)	87	0	Douglas	BD	87	78	0	9	1	8					4
			Martin	B2M	9	0	0	9	1	8					4
					78	78	0	0	0	0					
Patrol Bomber (2 Engine)	1,553	359	Boeing	PBB	1,194	0	112	1,082	187	895	1	16	17	7	7
			Consolidated	PBY5	57	0	0	57	0	57					
				PBY5A	167	0	0	167	167	0					
				PBY6	145	0	22	123	0	123	1	16	17	6	6
			Martin	PBM	90	0	90	0	0	0					
			N.A.F.	PBN	579	0	0	579	20	559				1	1
					156	0	0	156	0	156					
Patrol Bomber (4 Engine)	540	281	Consolidated	PB2Y	259	0	0	259	5	254					
Observation Scout	2,554	836	Curtiss-Wright	SO3C	1,718	0	200	1,518	339	1,179	70	70	73	91	120
			N.A.F.	OS2N	500	0	0	500	0	500			1	1	10
			Vought-Sikorsky	OS2U	300	0	0	300	0	300			1	20	40
					918	0	0	918	339	579	70	70	71	70	70
Fighter	3,470	1,343	Brewster	F2A	2,127	0	444	1,683	400	1,283	40	27	16	31	32
				F3A	162	0	0	162	120	42	30	11			
			Grumman	F4F	260	0	260	0	0	0					
			Vought-Sikorsky	F6F	897	0	0	897	280	617	10	16	16	31	31
				F4U	184	0	184	0	0	0					
					624	0	0	624	0	624					1
Utility (1 Engine)	425	281	Grumman	J2F	144	0	0	144	1	143	24	16	16	20	20
Utility (2 Engine)	205	131	Beech	JRB	74	0	23	51	41	10	6	4			
			Grumman	JRF	36	0	10	26	25	1	1				
			Sikorsky	JR2S	35	0	10	25	16	9	5	4			
					3	0	3	0	0	0					
Transport (1 Engine)	90	61	Beech	GB	29	0	6	23	9	14	5	5	4		
			Howard	GH-1	23	0	0	23	9	14	5	5	4		
					6	0	6	0	0	0					
Transport (2 Engine)	145	54	Douglas	R3D	91	0	53	38	8	30				5	
				R4D	6	0	0	6	6	0					
			Lockheed	B5O3	80	0	48	32	2	30				5	
					5	0	5	0	0	0					
Trainer (Primary)	2,235	568	N.A.F.	N3N	1,667	0	0	1,667	1,346	321	75	75	58	22	22
			Ryan	NR	766	0	0	766	632	134	50	50	34		
			Spartan	NP	100	0	0	100	100	0					
			Stearman	N2S	201	0	0	201	14	187	25	25	24	22	22
					600	0	0	600	600	0					
Trainer (Advanced)	1,091	0	Curtiss-Wright	SNC	1,091	0	240	851	351	500	91	82	61	35	25
			North American	SNJ	150	0	0	150	74	76	30	30	16		
			Vultee	SNV	741	0	240	501	202	299	36	27	20	10	
					200	0	0	200	75	125	25	25	25	25	
Miscellaneous					39	0	0	39	21	18	4	1	1	1	1
Total	17,450	6,695			10,794	303	1,565	8,926	3,100	5,826	340	330	253	216	238

Note: The "Miscellaneous" category includes all experimental types, and miscellaneous types manufactured under contract with Fairchild.

AIRPLANE DELIVERIES BY CLASS - 1 OCTOBER 1941

AIRPLANE
AND ENGINE
DELIVERIES
BY CLASS

Class of Airplane	Procurement Program		Ordered since 7-1-40*	7/1/40 - 9/30/41		Delivered			Estimated		
	Total	2-Year		Due	Delivered	Jul	Aug	Sep	Oct	Nov	Dec
Scout Bomber	3,625	1,026	1,236	442	391	24	20	12	24	34	6
Torpedo Bomber	1,430	296	326	1	0	0	0	0	0	0	1
Bomber (2)	87	0	9	5	1	0	0	0	0	0	0
Patrol Bomber (2)	1,553	490	1,082	200	187	35	31	5	1	16	17
Patrol Bomber (4)	540	7	259	5	5	1	0	0	0	0	0
Observation Scout	2,554	1,082	1,518	578	339	13	55	65	70	70	73
Fighter	3,470	919	1,682	348	400	33	53	56	40	27	16
Utility (1)	425	109	144	20	1	0	1	0	24	16	16
Utility (2)	205	101	51	43	41	2	9	12	6	4	0
Transport (1)	90	23	26	19	12	2	3	4	5	5	4
Transport (2)	145	36	45	28	15	0	1	0	0	0	0
Trainer (primary)	2,235	1,552	1,667	1,372	1,346	157	141	65	75	75	58
Trainer (advanced)	1,091	588	851	268	351	48	118	49	91	82	61
Other			30	19	11	0	0	0	4	1	1
All Classes	17,450	6,229	8,926	3,348	3,100	315	432	268	340	330	253

AIRPLANE ENGINE DELIVERIES BY CLASS - 1 OCTOBER 1941

Class of Airplane	Procurement Program		Ordered since 7-1-40*	7/1/40 - 9/30/41		Delivered			Estimated		
	Total	2-Year		Due	Delivered	Jul	Aug	Sep	Oct	Nov	Dec
Scout Bomber	4,985	1,411	1,309	454	531	19	19	23	7	0	0
Torpedo Bomber	1,967	407	742	127	112	20	25	17	57	51	60
Bomber (2)	298	0	28	10	10	0	0	8	2	0	0
Patrol Bomber (2)	5,443	1,715	2,156	816	740	25	3	68	115	60	88
Patrol Bomber (4)	3,780	49	1,810	36	36	0	4	0	0	0	0
Observation Scout	3,636	1,488	2,035	802	622	63	56	55	90	125	145
Fighter	4,772	1,264	2,132	601	614	50	65	77	111	126	125
Utility (1)	638	164	216	0	75	23	17	26	22	16	17
Utility (2)	615	303	141	141	141	18	11	12	0	0	0
Transport (1)	135	35	33	26	19	2	3	4	5	5	4
Transport (2)	435	108	175	73	103	35	7	28	0	0	72
Trainer (primary)	2,980	2,070	2,321	1,469	1,784	139	194	95	100	100	85
Trainer (advanced)	1,335	784	1,117	497	569	36	115	45	107	55	61
Other			68	57	48	2	2	4	6	1	1
All Classes	31,019	9,798	14,283	5,109	5,404	432	521	462	622	539	658

Notes: "Total Procurement Program" represents the number of planes and engines required to meet the five-year 15,000-plane program. "2-Year Procurement Program" represents the number required by 30 June 1942.

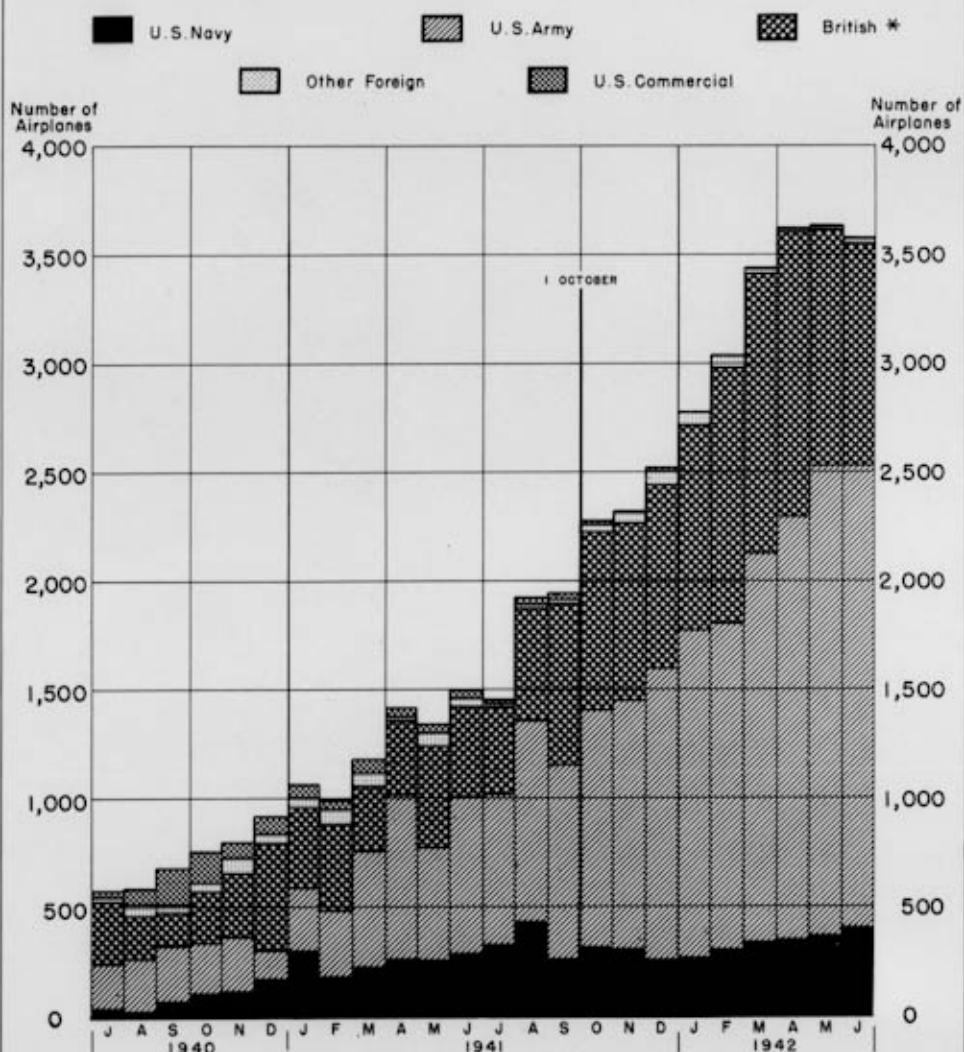
Estimates represent latest reports of naval inspectors at manufacturers' plants.

Figures in parentheses next to class of plane indicate number of engines.

* Includes quantities undelivered 1 July 1940 on orders placed previous to that date.

AIRPLANE DELIVERIES BY PURCHASER

1 October 1941

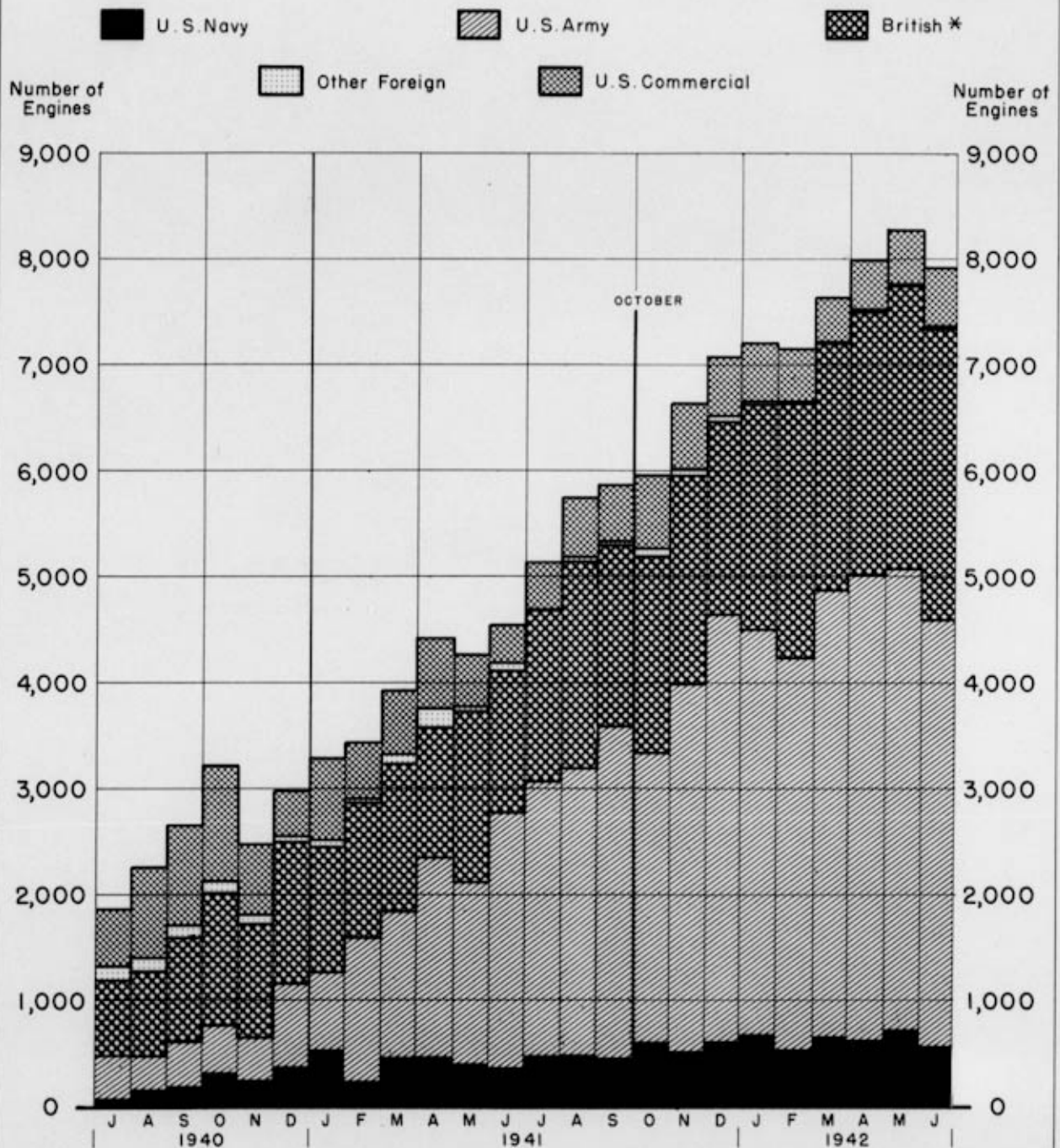


Note: Monthly deliveries charted are actual to 1 Oct. 1941; thereafter they reflect the estimates shown in the Materiel Division (Air Corps) Consolidated Statistical Report of 1 Oct. 1941.

* Includes Defense Aid.

ENGINE DELIVERIES BY PURCHASER

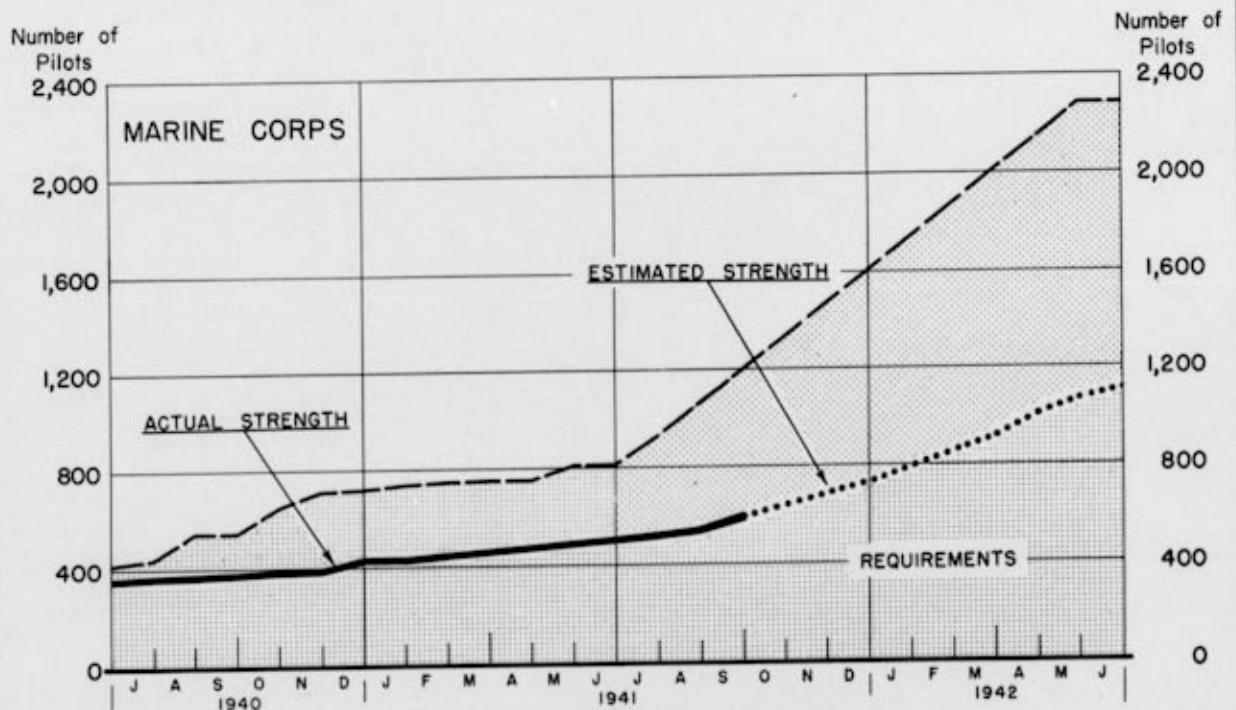
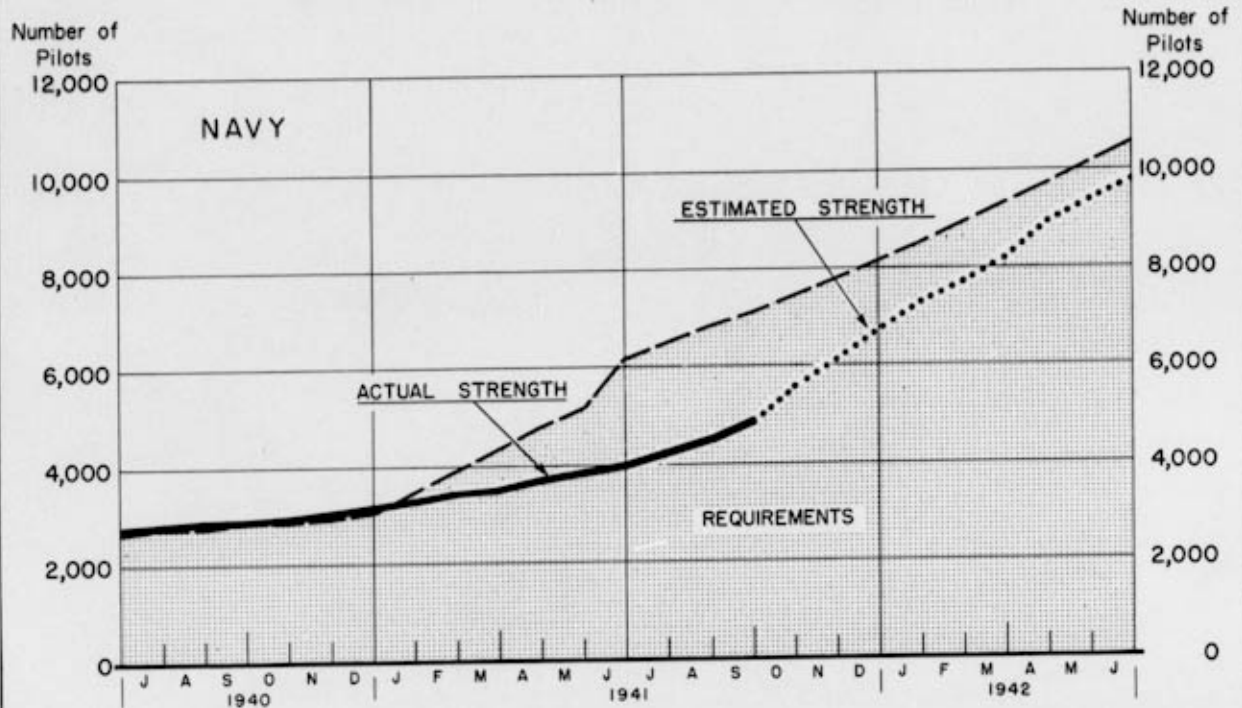
1 October 1941



Note: Monthly deliveries charted are actual to 1 Oct. 1941; thereafter they reflect the estimates shown in the Materiel Division (Air Corps) Consolidated Statistical Report of 1 Oct. 1941.

* Includes Defense Aid.

PILOT PERSONNEL — NAVY AND MARINE CORPS Active Duty Only — 1 July 1940 to 1 July 1942



Note: Requirements shown are the estimates of the Horne Board (revised).

STATUS OF AVIATION PERSONNEL - 1 OCTOBER 1941

Type of Personnel	Active Personnel Required for 15,000 Planes	Total Number in Service		New Pilots			In Training 1 Oct 1941
		1 July 1940	1 Oct 1941	7/1/40-9/30/41	Aug 1941	Sept 1941	
<u>NAVY</u>	172,136	29,245	66,457	2,088	302	366	4,266
<u>Flight Personnel</u>	<u>47,795</u>	<u>5,952</u>	<u>12,624</u>	<u>2,088</u>	<u>302</u>	<u>366</u>	<u>4,266</u>
Pilots							
Officers, Regular	4,089	1,099	1,607	188	8	13	79
Officers, Reserve	9,056	1,050	2,557	1,734	272	304	-
Enlisted	3,340	587	694	166	22	49	254
Cadets (a)	-	-	-	-	-	-	3,933
Total Pilots	16,485	2,736	4,858	2,088	302	366	4,266
Non-Pilots							
Officers	110	28	63	-	-	-	-
Enlisted	31,200	3,188	7,703(b)	-	-	-	-
Total Non-Pilots	31,310	3,216	7,766	-	-	-	-
<u>Non-Flying Personnel</u>	<u>124,341</u>	<u>23,293</u>	<u>53,833</u>	-	-	-	-
Officers	3,808	790	3,199	-	-	-	-
Enlisted	120,533	22,503	50,634(b)	-	-	-	-
<u>U. S. MARINE CORPS</u>	34,112	1,947	5,102	207	18	48	234
<u>Flight Personnel</u>	<u>6,854</u>	<u>676</u>	<u>1,328</u>	<u>207</u>	<u>18</u>	<u>48</u>	<u>234</u>
Pilots							
Officers, Regular	1,100	200	296	30	0	0	15
Officers, Reserve	2,061	104	234	162	18	48	-
Enlisted	945	45	52	15	0	0	30
Cadets (a)	-	-	-	-	-	-	189
Total Pilots	4,106	349	582	207	18	48	234
Non-Pilots							
Officers	0	1	2	-	-	-	-
Enlisted	2,748	326	744	-	-	-	-
Total Non-Pilots	2,748	327	746	-	-	-	-
<u>Non-Flying Personnel</u>	<u>27,258</u>	<u>1,271</u>	<u>3,774</u>	-	-	-	-
Officers	218	16	25	-	-	-	-
Enlisted	27,040	1,255	3,749	-	-	-	-
GRAND TOTAL NAVY & USMC	206,248	31,192	71,559	2,295	320	414	4,500

(a) Cadets who have completed training are included under "Officers, Reserve".

(b) As of 1 September 1941.