STRENGTH - PHILIPPINES

The withdrawal from the United States of the minimum reinforcements suggested, would be a very serious matter. At present, exclusive of Air Corps., we have only 68,000 combat troops of the Regular Army in the continental United States.

This number is considerably below that felt necessary to meet possible domestic disturbances. It is far below the number of seasoned troops that should be available as the nucleus for the organization of larger units in case of war, and is insufficient to provide the Regular troops that should be instantly available to secure advanced Air and Naval bases that might be involved in the defense of the Caribbean area and for emergency action to meet inspired revolutions in portions of South America.

To draw 20,000 Regular Troops from the United States, at this time, for service overseas, would in effect be taking the very seed corn necessary for the development of the ground forces for national defense.

The new Philippine Army has not been organized into tactical fighting battalions. There are 90,000 trainees with less than six months service.
## COST

**CONCENTRATION**

RETURN TO HOME STATION

WINTER FIELD TRAINING

1939-1940.

<table>
<thead>
<tr>
<th>Mode of Transportation</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail Transp.</td>
<td>$466,000</td>
</tr>
<tr>
<td>Motor Transp.</td>
<td>$20,000</td>
</tr>
<tr>
<td>Water Transp.</td>
<td>$37,000</td>
</tr>
</tbody>
</table>

$523,000

**RETURNING TO HOME STATIONS:**

<table>
<thead>
<tr>
<th>Mode of Transportation</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail Transp.</td>
<td>$431,000</td>
</tr>
<tr>
<td>Motor Transp.</td>
<td>$81,000</td>
</tr>
<tr>
<td>Water Transp.</td>
<td>$13,000</td>
</tr>
</tbody>
</table>

$525,000

**GRAND TOTAL**

$1,048,000

(*) Maintenance of motors not included.

Add $200,000 to GRAND TOTAL for motor maintenance.
APPROPRIATIONS FOR SPECIAL FIELD EXERCISES
LARGE UNITS
IN $ THOUSANDS

LEGEND
R.A.:

- Concentration

Camps, Preparation of

Supplies and Equipment.

N.G.:

Army Maneuvers:
Concentrations, Campsite exp.
Supplies and Equipment

(*) Note: National Guard figures are exclusive of pay & subsistence.
BREAKDOWN
INCREASED TRAINING COST
IN THOUSANDS

N.G. 10,057
Org.Res. 2,883
R.A. 27,102

9,551
506
9,128
17,974

Oct'39
Feb'40
Feb'40
July'40
NEW INFANTRY DRILL

Estimate of time saved:

R.O.T.C. - Report from two institutions. Saves 20% in drill time devoted to freshmen; 30% to other students. Greater perfection in drill. Permits more time to extended order and ceremonies.

SOLDIERS: - Washington Brigade reports 33-1/3% saving in training recruits - 50% in maintenance drill to keep units up to standard.

WEST POINT: - General Benedict reports 1/3 of training time saved by adoption of new infantry drill regulations.
POLICIES

SELECTION OF RESERVE OFFICERS FOR EXTENDED ACTIVE DUTY WITH REGULAR ARMY.

Officer requirements, 227,000 men, from ORC. - Subject to funds, 1306 ROs will be ordered, under policies as follows:

6 Months except for Medical Corps and Chaplain Reserve Corps. Selections limited to lieutenants, less than 30 yrs, and with less than 6 years service.

PRIORITIES:

1. 2nd Lts. - no extended active duty with Regular Army.

2. 1st Lts. - no extended active duty training with Regular Army.

3. 2nd Lts. - who have had extended active duty training with Regular Army.

4. 1st Lts. - who have had extended active duty training with Regular Army.

Priority to younger officers.

Officers of Medical Department and Chaplain Reserve Corps limited to captains and lieutenants less than 35 years, who will be placed on active duty for 1 year. No extensions.
RECURRENT CHARGES FOR INCREASES IN STRENGTH OF ARMY.

To equip, house and maintain (pay, subsistence, etc.,) for 1 year 15,000 additional men as per approved plan 1/20/40. . . . . . . . . . . . . . 35 Million.

Recurrent annual cost - $19,000,000.

---

## RECURRENT CHARGES FOR AN ARMY OF:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RA</td>
<td>280,000</td>
<td></td>
</tr>
<tr>
<td>NG</td>
<td>235,000</td>
<td>754 million</td>
</tr>
<tr>
<td>Airplanes</td>
<td>5,500</td>
<td></td>
</tr>
</tbody>
</table>

---

## RECURRENT CHARGES FOR AN ARMY OF:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RA</td>
<td>260,000</td>
<td></td>
</tr>
<tr>
<td>NG</td>
<td>320,000</td>
<td>771 million</td>
</tr>
<tr>
<td>Airplanes</td>
<td>5,500</td>
<td></td>
</tr>
</tbody>
</table>

---

**NOTE:**

No additional regular officers. Temporary construction.

Total annual cost of Air Corps - 240 million.
### Recurrent Costs

**In $ Thousands**

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay (all active and retired personnel)</td>
<td>$232,705</td>
</tr>
<tr>
<td>Subsistence</td>
<td>$38,050</td>
</tr>
<tr>
<td>Shelter (operation, maint., replacement of plant)</td>
<td>$65,820</td>
</tr>
<tr>
<td>Travel &amp; transp.</td>
<td>$32,327</td>
</tr>
<tr>
<td>Services &amp; supplies</td>
<td>$69,665</td>
</tr>
<tr>
<td>Air Corps (oper., maint., replacement)</td>
<td>$150,000</td>
</tr>
<tr>
<td>Seacoast Defense (maint.)</td>
<td>$2,961</td>
</tr>
<tr>
<td>Field Exercises &amp; Maneuvers</td>
<td>$3,000</td>
</tr>
<tr>
<td>U.S.M.A. and Service schools</td>
<td>$3,645</td>
</tr>
<tr>
<td>Civilian Components (NG, RO, ROTC, CIVTC)</td>
<td>$75,048</td>
</tr>
<tr>
<td>Contingencies &amp; Miscel.</td>
<td>$10,226</td>
</tr>
<tr>
<td>(Ed. Orders, Welfare, Claims)</td>
<td></td>
</tr>
<tr>
<td>Departmental Salaries &amp; Civil Functions</td>
<td>$8,168</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$691,525</strong></td>
</tr>
</tbody>
</table>

*Air Corps share of these items about $90,000,000 - total annual cost of Air Corps about $240,000,000 ($150,000,000 ± $90,000,000).*

Premise: - RA 16,700 off., 227,000 EM —
NG 235,000 (48 drills, 15 days in camp annually);
5500 airplanes, critical items for RMP; essential items for IFF.
**Measures - European War**

(Involving Congressional Action)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>COST</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Deficiencies</td>
<td>$62,000,000</td>
<td>Some required before Mar 1, 1940</td>
</tr>
<tr>
<td>2. Critical Items PMP</td>
<td>300,000,000</td>
<td>Part needed for increased Str. RA &amp; NG</td>
</tr>
<tr>
<td>4. 500 Airplanes and Bombs</td>
<td>100,000,000</td>
<td>Completes 6000</td>
</tr>
<tr>
<td>5. NG Training Increase in Armory &amp; Field Trng.</td>
<td>2,400,000</td>
<td>Preliminary to concentration &amp; calling</td>
</tr>
<tr>
<td>6. NG Strength Increase and activation</td>
<td>1,200,000</td>
<td>17,000 required plus 200,000 mo not to be used immediately</td>
</tr>
<tr>
<td>7. Res. Offs. to ext'd active duty</td>
<td>2,000,000</td>
<td>6,000 Res. Offs. needed per month</td>
</tr>
<tr>
<td>8. Retired Offs. and E.M.</td>
<td>150,000</td>
<td>Adm. duties, ROTC, Rotg., etc. per mo.</td>
</tr>
<tr>
<td>9. Civilian personnel</td>
<td>750,000</td>
<td>Release Offs. fr. Adm. duties per mo.</td>
</tr>
<tr>
<td>10. Transfer Offs. to troop duty</td>
<td>650,000</td>
<td>Transfer Offs to essential duties</td>
</tr>
</tbody>
</table>

* Guns, ammunition, tanks, etc. |
COST OF ONE ARMY CORPS - COMPLETE
(Money value of equipment)

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Triang. Div. (RA)</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>2 Square Divs. (NG)</td>
<td>$14,300,000</td>
</tr>
<tr>
<td>1 Set Corps Trps.</td>
<td>$16,300,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$37,600,000</strong></td>
</tr>
</tbody>
</table>

ANNUAL MAINTENANCE COST - ONE ARMY CORPS

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Triang. Div. (RA)</td>
<td>$10,015,000</td>
</tr>
<tr>
<td>2 Square Divs. (NG)</td>
<td>$3,130,000</td>
</tr>
<tr>
<td>1 Set Corps Trps. (RA)</td>
<td>$15,110,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$28,255,000</strong></td>
</tr>
</tbody>
</table>

ADDITIONAL COST - CONCENTRATION AT CORPS CAMP

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Triang. Div (RA)</td>
<td>$990,000</td>
</tr>
<tr>
<td>2 Square Divs (NG)</td>
<td>$1,360,000</td>
</tr>
<tr>
<td>1 Set Corps Trps. (RA)</td>
<td>$1,890,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$4,240,000</strong></td>
</tr>
</tbody>
</table>

(*) Add $2.30 per capita for pay and subsistence of NG troops, i.e., $24,000 per day per NG Div., plus NG in Corps troops.

NOTES: All RA units at peace strength
All NG units at maintenance strength (75% of peace str.)
Corps troops are listed as RA—may contain some NG.
MECHANIZED FORCES
UNITED STATES

EMPLOYMENT:

Exploit break-through
Seize key terrain
Raid lines of communication

ADVANTAGES:

Shock, speed, radius.

DISADVANTAGES:

Forests, marshes, mud.
Cannot hold ground - little defense
value - vulnerable to air attack.
Uncontrollable - cannot be supplied.
Antitank defense is superior.

ORGANIZATION:

At present, independent brigade
should be combined with motorized
infantry into composite division -
to hold ground seized.

VALUE:

Depends upon theatre.
Europe - effective for exploitation.
Hemisphere - doubtful.
Continental U.S. - after enemy gains
foothold;
Mexico - with horse cavalry.

COST:

$10,000,000 per brigade for materiel.
6,000,000 provided under Critical Items.

Maintenance high - $200 per mile per
brigade.
GERMANY

EMPLOYMENT:

Exploitation, support by motorized infantry after foot troops had opened gap.

ORGANIZATION:

Motorized Divisions (1/2 Tanks & 1/2 Mtz. Inf.) backed by other Mtz. Inf. Divs. - Excellent for invasion.
<table>
<thead>
<tr>
<th></th>
<th>German Armored Division</th>
<th>U.S. MCZD Brigade</th>
<th>U.S. Tank Regts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reconnaissance echelon</td>
<td>50 AC's 1 Mol Co</td>
<td>50 SC's 100 Mols</td>
<td>None</td>
</tr>
<tr>
<td>Shock echelon</td>
<td>450 Tcs</td>
<td>154 SC's 172 CC's 216 Mols 24-75's</td>
<td>162 Tcs</td>
</tr>
<tr>
<td>Holding echelon</td>
<td>2 Bns Inf (mtzd) 1 Bn Mds 1 Rgt. Arty Engrs AT Trps Sig Trps</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**NOTE:** AC — Armored Cars  
SC — Scout Cars  
CC — Combat Cars  
AT — Antitank  
Mol — Motorcycles

Germany's peace organization included 9 Armored Divisions and 42 Infantry Divisions.
HORSE CAVALRY

Value for Hemisphere Defense

ADVANTAGES:

- Mobility on bad terrain
- Low vulnerability (can disperse)
- Quiet operation (vs. meoz. units)
- Versatility in action
- Great fire power
- Easier to supply (forage vs gasoline)

EMPLOYMENT:

- Covering (concentrations, etc.)
- Reconnaissance (with Air Corps)
- Counter-reconnaissance
- Seizing terrain (with meoz. units)
- Exploit and pursue
- Delaying action
- Combat (assist Infantry)
- Indispensable in Green
- Desirable in S.A. (Rainbow)

NEED FOR TWO R.A. DIVISIONS ?:

- Cavalry is M-Day force (N.G. not ready)
- One division on border, one with expedition.
- If two expeditions, division for each.
- Division should not be split.
## COST

**HORSE vs MOTOR TRANSPORTATION.**

Comparison of type square division (circa 1925) with animal drawn trains and some motors - as against triangular division (all peace strength).

### INITIAL COST OF TRANSPORTATION:

<table>
<thead>
<tr>
<th>Division</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Division</td>
<td>$2,775,000</td>
</tr>
<tr>
<td>Triangular Division</td>
<td>$1,490,000</td>
</tr>
</tbody>
</table>

### ANNUAL REPLACEMENT COST OF TRANSPORTATION:

<table>
<thead>
<tr>
<th>Division</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Division</td>
<td>210,000</td>
</tr>
<tr>
<td>Triangular Division</td>
<td>300,000</td>
</tr>
</tbody>
</table>

### ANNUAL OPERATING COST OF TRANSPORTATION:

<table>
<thead>
<tr>
<th>Division</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Division</td>
<td>600,000</td>
</tr>
<tr>
<td>Triangular Division</td>
<td>310,000</td>
</tr>
</tbody>
</table>

### TEN YEAR AVERAGE COST:

First cost, maintenance, operating and depreciation

<table>
<thead>
<tr>
<th>Division</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Division</td>
<td>1,170,000</td>
</tr>
<tr>
<td>Triangular Division</td>
<td>760,000</td>
</tr>
</tbody>
</table>

### MISCELLANEOUS:

<table>
<thead>
<tr>
<th>Division</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Division</td>
<td>15 mi/day</td>
</tr>
<tr>
<td>Triangular Division</td>
<td>50 mi/day</td>
</tr>
</tbody>
</table>

Square Division - - 11,000 men, 5,100 animals, 472 motors.

Triangular Division - 9,000 men, 1,246 motors.
AIRPLANES
CURRENT PRODUCTION CONTRACTS
STATUS REPORT AS OF APRIL 30, 1940.

IVY. BOMB.

- 39 40 73 123 165
- 4/40 9/40 2/41

MED. BOMB.

- 10 136 283 423
- 4/40 1/41 4/41 8/41

LT. BOMB.

- 16 25 69 113 186
- 6/40 10/40 1/41 3/41 6/41

Pursuit, M.F.

- 2 5 7 13
- 4/40 5/40 9/40

Pursuit, Inte.

- 2 4 79
- 7/40 11/40

Pursuit, I. Eng.

- 12 19 194 472 723
- 4/40 8/40 1/41 6/41

Observation, C & D.

- 74 75 131 221 277
- 8/40 1/41 4/41 6/41

Liaison, C & D.

- 3 56 106 250
- 4/40 11/40 2/41

- ACCEPTED DELIVERIES
- UNDER CONTRACT
- PENDING

N.B. - Schedules Based on Manufacturers' Production Estimates, Revised to
3/31/40

Page 43
AIRPLANES
CURRENT PRODUCTION CONTRACTS
STATUS REPORT AS OF APRIL 30, 1940

TRADE:
Primary

Basic

Advance (BC)

MISCELLANEOUS
Photographic

Transport

Accepted Deliveries

Under Contract

N.B. - Schedules Based on Manufacturers' Production Estimates, Revised to 3/31/40.
FARE SERVICE

OF APRIL 19, 1940

GAS MASKS, SERVICE

<table>
<thead>
<tr>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>85,718</td>
<td>100,000</td>
<td>220,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PRODUCTION COMPLETED

GAS MASKS, TRAINING

MUSTARD GAS (TONS) 60

<table>
<thead>
<tr>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IMMUNOGENE (TONS) 20

<table>
<thead>
<tr>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SHELLS, CHEMICAL MORTAR 2,400

<table>
<thead>
<tr>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TANKS, CHEMICAL SPRAY 976

<table>
<thead>
<tr>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/40 (est)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACCEPTED DELIVERIES

UNDER CONTRACT

PENDING
CORPS OF

REPORT AS

0% 10 20 30 40 50 60 70 80 90 100%

32 278 563
FY'39 FY'40

104,000 326,400 LBS
FY'40

1 4 34
FY'39 FY'40

9 24
FY'40

ON COMPLETION
OF CURRENT
PROGRAM

PMP
REQ.
ENGINEERS

OF APRIL 20, 1940.

EXPLOSIVES, DEMOLITION.

NO CURRENT PROCUREMENT

MAP REPRODUCTION EQUIPMENT, MOTORIZED

CURRENT PROCUREMENT COMPLETED

PONTON EQUIPMENT UNIT, 10 TON

- Includes 106 units for Seacoast Defense and Marine Corps.
- Includes 3 units for Training Purposes.
ENGINEERS

OF APRIL 20, 1940.

0% 10 20 30 40 50 60 70 80 90 100%

PONTON EQUIPMENT UNIT, 23 TONS
NO CURRENT PROCUREMENT

FOOT BRIDGE UNIT, MOD. 1935

WATER PURIFICATION UNIT, MOTORIZED

ASSAULT BOATS

COMPRESSOR, AIR, MOTORIZED (105 CPM)

ACCEPTED DELIVERIES

UNDER CONTRACT

50
On Completion of Current Program

(* ) See attached Supplement.
DEPARTMENT
OF APRIL 13, 1940.

0% 10 20 30 40 50 60 70 80 90 100%

FORCEPS, HEMOSTATIC.

6409 7700

6/40

SCISSORS, BANDAGE. PROCUREMENT COMPLETED

SPLINTS, ARM. PROCUREMENT COMPLETED

SPLINTS, LEG. PROCUREMENT COMPLETED

KITS, CANTLE RING, STRAP PROCUREMENT COMPLETED

ACCEPTED DELIVERIES

UNDER CONTRACT
52
MEDICAL DEPARTMENT SUPPLEMENT

The Medical Department has a stock of 199,467 Belts, Web, Hospital Corps, which could be used in an emergency, as a substitute for the four items, "Kits".

Regarding surgical instruments, there are now in storage approximately $100,000 worth of substitute standard stainless steel instruments.
ON COMPLETION OF CURRENT PROGRAM

*See attached Supplement.
**DEPARTMENT**

*OF APRIL 13, 1940.*

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kits, Litter Strap</td>
<td>Procurement Completed</td>
</tr>
<tr>
<td>Kits, Pouch Canvas</td>
<td>Procurement Completed</td>
</tr>
<tr>
<td>Kits, Suspender</td>
<td>Procurement Completed</td>
</tr>
<tr>
<td>Carrier, Field Collapsible</td>
<td>Procurement Completed</td>
</tr>
<tr>
<td>Chest, Field Modified</td>
<td>Procurement Completed</td>
</tr>
</tbody>
</table>
ANTIAIRCRAFT
REPORT AS OF
PMP & DP PROGRAM

0%  |  20  |  40  |  60  |  80  |  100%

PMP |  |  |  |  |  |

DP |  |  |  |  |  |

(62)(V1) 416 497
(50)(V1) 128 204
(9)(V1) 108 128
(44)(V1) 66 128
(56)(V1) 249 491
(121)(V1) 156 282
(50) 86 390
(V2) 270 567

ON COMPLETION OF CURRENT PROGRAM

REQU.


(V2) Includes 41 to be converted from Cal. .50 Sets.
ANCE
MATERIEL
APRIL 1, 1940.

CURRENT PROCUREMENT, FY '39-40

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<th>60</th>
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<th>100%</th>
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</table>

GUNS, 3" AA, M3, w/C, M2A2, w/C, C.F.C.

271 264 345 389
3/40 6/40 10/40 (V3)

DIRECTORS, M4

88 89 103 124 142
3/40 5/40 9/40 (V4)

SD. LOCATORS, M2

14 40 140 260 375 405
3/40 8/40 3/41 8/41 156 DP

GUNS, 37MM, AA, M1A2, w/C, M3

8 175 355 494 566
3/40 3/41 9/41 1/42 86 DP

EQUIP., CONTROL SETS, AA, M1 (37MM Guns)

5 21 100 199 229
3/40 6/40 4/41

ACCEPTED UNDER PENDING DELIVERIES CONTRACT

(V3) 36 D.P.
36 Loaned Marines
4 To Navy
4 To Marines

(V4) 33 D.P.
1 To Navy
Ordinance

Report As of

P.M.P. and D.P. Program

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ORDN
ANTIAIRCRAFT

STATUS REPORT AS

P.M.P. AND D.P. PROGRAM

0% 20 40 60 80 100%

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255

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375

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444

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195

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136

ON COMPLETION
OF CURRENT
PROGRAM

1 V - Additional items—limited and substitute standard—on hand.

(V2) - Including 29 units assigned to West Point, Ordnance arsenals, etc.

V2
ANDE
MATERIEL

OF APRIL 1, 1940.

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**HGT FINDERS, M1, M2.**

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**DIST. FLANK SPOTTING, M1**

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**LEAD COMPUTERS**

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14 to be loaned Marines.

**MACHINE GUNS, CAL. .50, AA M2, WC, W/ M, M2**

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**EQUIP., CONTROL SETS, AA M1 (CAL. .50 M.)**

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60 D.P.

41 to be converted to 37 MM sets.

- **ACCEPTED DELIVERIES**
- **UNDER CONTRACT**
- **PENDING**

(V3) Including: 40 Units Loaned to Panama
18 Units Assigned West Point, Ordnance Arsenal etc.

271 Units with M1 (L1d Std) Mounts
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<th>Notes</th>
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<td>FY 38</td>
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<td>M1917 (HS)</td>
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<td>321</td>
<td>M1916 (HS)</td>
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<tr>
<td>FY 40</td>
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<td>M1897 (HS)</td>
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<tr>
<td>Total</td>
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<td>Total (HS)</td>
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<td>M1917 (Steel)</td>
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<td>M1897 Tires</td>
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<tr>
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<td>1,742</td>
<td>Total (Steel Tires)</td>
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APRIL 1, 1940.

**GUN, 75 MM., M1897A4, w/C, M2A2**

- 25
- 200
- 411
- 459

**HOW., 75 MM., Field, M1A1, w/C, M3A1**

- 2
- 20
- 34
- 96

**HOW., 75 MM., Pack, M1A1, w/C, M1**

- 6
- 20
- 36
- 40
  - 5/40
  - 8/40
  - 11/40

**CAISSONS, 75 MM., How., Field.**

- 40
  - 9/41

**LIMBERS, 75 MM., How., Pack.**

- 90
  - 9/41

---

- 15 in Panama
P.M.P. PROGRAM V1

REPORT AS OF

0% 20 40 60 80 100%

(14) V2V3

(1372)(V2)

PMP

DP

ON COMPLETION
OF CURRENT
PROGRAM

V1- Item 4 (155mm Guns, HS) Also has a DP Req.
V2- Additional Items-Ltd & Sub. Std. - On Hana
V3- Being High Speeded
### F.A. MATERIEL

**APRIL 1, 1940.**

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#### HOW. 105M. M2, w/c

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#### HOW. 155M. w/c, M1918A1, M1917A3, H.S.

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#### GUN. 155 M.M. M1, w/c, M1

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#### GUN. 155M. w/c, M1918A1, M1917A1, H.S.

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### HOW. 8", Fld. w/c, M1

**NO CURRENT PROCUREMENT**

#### Accepted

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V4—Additional Compl. Units Available:

- 831 - M1918, M1917 (Not High Speeded)
ORDN
SMALL ARMS
STATUS REPORT AS

P.M.P. PROGRAM

0%  20  40  60  80  100%

7,540 17,540  (2,980,154) V1
FY 38  FY 39  FY 40

228  972  1250
FY 39  FY 40

(8)V1
FY 40

116  129
FY 38  FY 39

758V2  653
FY 40

370  1334  2232
FY 38  FY 40

268  274  (60)V1
FY 38  FY 39  FY 40

ON COMPLETION
OF CURRENT
PROGRAM

V1 - Additional Items - Ltd and Sub.Std -
on Hand.

PMP
REQ.
**ANCE AND MISC.**

**OF APRIL 1, 1940.**

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<th>26013</th>
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<th>58728</th>
<th>87728</th>
<th>123978</th>
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<td>3/41</td>
<td>8/41</td>
<td>6/42</td>
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<table>
<thead>
<tr>
<th>GUNS, Anti-tank</th>
<th>37 MM, M3, w/C, M4</th>
<th>219</th>
<th>228</th>
<th>438</th>
<th>608</th>
<th>980</th>
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<th>1301</th>
<th>1837</th>
<th>1943</th>
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<th>578</th>
<th>563</th>
<th>669</th>
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<th>SUBMACHINE GUNS CAL.. .45, M1928 A1</th>
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<th>56</th>
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<td>4/41</td>
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- ACCEPTED DELIVERIES
- UNDER CONTRACT
- PENDING

V2 - 96 for P.I.

- a - 4 to Navy; 4 to Marines
- b - 6 Pending
- c - 30 to Navy; 6 Pending
- d - For Cav, Pack & Ground use only.
ANCE
AND MISC.
APRIL 1, 1940.

MOUNTS, TRIPOD, Cal. .30, M2

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HD. CARTS, M.G., CAL., .30, M4A1

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HD. CARTS, 81MM. MORTAR, M6A1

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NO CURRENT PROCUREMENT

PROJ., GROUND SIGNAL, M3

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ACCEPTED
DELIVERIES

UNDER
CONTRACT

(a) For Cav. Pack and Ground Use Only.
ORDNANCE

BOMBS, PYROTECH,
REPORT AS OF
P.M.P. PROGRAM

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ON COMPLETION OF CURRENT PROGRAM

PMP REQ.
SMALL ARMS & MISC.
APRIL 1, 1940.

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37 MM. ANTITANK & TANK GUN

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SHELL, 60MM MORTAR, H.E. M49A1

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(a) Not Standardized, Tentative Schedule

SHELL, 81MM MORTAR, H.E. Lt., M.43

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**AMMUNITION**
ORDNANCE
BOMBS, PYROTECH.
REPORT AS OF
(IN

P.M.P. PROGRAM

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<th>60</th>
<th>80</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34.5</td>
</tr>
</tbody>
</table>

|   |   |    |    |    |    | 1.2  |
|   |   |    |    |    |    | 1.1  |
|   |   |    |    |    |    | 12.6 |
|   |   |    |    |    |    | 14.5 |

|   | 44,276 | 73,920 |
|   |        |        |
|   | 41,099 | 90,691 |
|   |        |        |
|   | 706.7  | 2,424  |
|   |        |        |
|   | 200    | 321.9  |

[■] ON COMPLETION
[■] OF CURRENT
[■] PROGRAM

vl Additional Items-Ltd & Sub. Std. On Hand
# Ammunition

## Small Arms & Misc.

### April 1, 1940

#### Thousands

| Category | Description | FY '39-'40
|----------|-------------|-------------------|
| Bombs, Demo. | 500-600 Lbs. M43-32 | ![Graph](image)
|  | 1000-1100 Lbs. M44-33 | ![Graph](image)
| Cartridges, A.P., Cal. .30 | | ![Graph](image)
|  | Tracer, Cal. .30 | ![Graph](image)
|  | 37mm, AA Gun, H.E. M54 | ![Graph](image)
|  | 37 mm, Aircraft Cannon, H.E. M55 | ![Graph](image)

**Notes:**
- Not Standardized, Tentative Schedule.
- Under Contract
- Under Delivery

---

*Image of graph and table*
ORDN
COMBAT
REPORT AS OF

P.M.P. PROGRAM

%  0%  20%  40%  60%  80%  100%

- 213 1.2 238 525 1411
  FY36  FY39  FY40

- 113V1  147  207V2

- 73V1  402  734
  FY38  FY40

- (247)V3

- (19)V3
  FY39  FY40

ON COMPLETION
OF CURRENT
PROGRAM

V1 - Includes Other Standard Types.
V2 - Includes 9 Maintenance.

83
ANCE

VEHICLES

APRIL 1, 1940.

CURRENT PROCUREMENT FY '40

0% 20 40 60 80 100%

CARS, SCOUT, M3A1

239 260 274 287

3/40 4/40

CARS, COMBAT, M2

1 15 34

6/40 12/40

TANKS, Lt., M2A4

1 101 221 329

8/40 1/41 5/41 10/41

TANKS, MED, M2

1 25 65 126

9/40 1/41 5/41 11/41

ACCEPTED DELIVERIES

UNDER CONTRACT
<table>
<thead>
<tr>
<th>YEAR</th>
<th>TRACTORS AND SPECIAL VEHICLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920</td>
<td></td>
</tr>
<tr>
<td>1930</td>
<td></td>
</tr>
<tr>
<td>1940</td>
<td></td>
</tr>
<tr>
<td>1950</td>
<td></td>
</tr>
<tr>
<td>1960</td>
<td></td>
</tr>
<tr>
<td>1970</td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td></td>
</tr>
</tbody>
</table>
ORDN

TRACTORS AND
REPORT AS

P.M.P. PROGRAM

% 10 20 30 40 50 60 70 80 90 100%

ON COMPLETION
OF CURRENT
PROGRAM

P.M.P.
REQ.

\( \downarrow \) ADDITIONAL ITEMS - LIMITED AND SUBSTITUTE

\( \downarrow \) INCLUDES OTHER STANDARD TYPES.
ANCE
SPECIAL VEHICLES
OF MAY 1, 1940.

CURRENT PROCUREMENT-F.Y.'40

0% 10 20 30 40 50 60 70 80 90 100%

TRACTORS, LIGHT, M2

TRACTORS, MEDIUM, M1

TRACTORS, HEAVY, M1

TRUCKS, REPAIR, VARIOUS

TRUCKS, HALF TRACK, M2

ACCEPTED DELIVERIES
UNDER CONTRACT
PENDING

STANDARD - ON HAND.
ORRDNANCE MISC.

P.M.P. PROGRAM

REPORT AS OF

0%  20  40  60  80  100%

FY38  FY39  FY40

23  25  95

FY40

29

FY40

FY38  FY40

37  57

FY40

FY38  FY40

49  65

FY40

FY39  FY40

44  58

(494) V1

FY38  FY40

16  101  348

FY40

FY38  FY40

45  96

FY38  FY40

(136) V1

65

ON COMPLETION OF CURRENT PROGRAM

P.M.P. REQ.  DEP.

ADDITIONAL ITEMS-Ltd and Sub. Std.

ON HAND

V1
# Fire Control

**MAY 1, 1940.**

<table>
<thead>
<tr>
<th>CURRENT PROCUREMENT, FY '39-'40</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
</tr>
</tbody>
</table>

## Unit, Generating, ML

- NO CURRENT PROCUREMENT

## Board, Firing, Adj.*, ML

<table>
<thead>
<tr>
<th></th>
<th>2</th>
<th>65</th>
<th>37 D.P.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/41</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Board, Deflec., Gun, ML

<table>
<thead>
<tr>
<th></th>
<th>5</th>
<th>41</th>
<th>11 D.P.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6/41</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Board, Range Correction, ML

<table>
<thead>
<tr>
<th></th>
<th>5</th>
<th>60</th>
<th>11 D.P.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/41</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Corrector, Percent.*, ML

| | 5 | 65 | 80 | 36 D.P. |
|-----------------|------|------|---------|
| 6/41            |      |      |

## Instrument, Az., ML 910-41

<table>
<thead>
<tr>
<th></th>
<th>25</th>
<th>75</th>
<th>165</th>
<th>216</th>
<th>133 D.P.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Sights, 155mm Gun, w/M.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>11</th>
<th>25</th>
<th>41</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/41</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## RGT. FINDERS, ML, M2 (V2)

- NO CURRENT PROCUREMENT

## Accepted Deliveries

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted</td>
<td>Under Contract</td>
<td>Pending</td>
</tr>
</tbody>
</table>

(V2) - Requirement & Procurement in Addition to that in the A.A. Materiel Group.

---

90
Miscellaneous Fire ORDN Status Report

- Additional Items
- Standard
- On Program
- Off Program

<table>
<thead>
<tr>
<th>Year</th>
<th>Data</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>2</td>
<td>38%</td>
</tr>
<tr>
<td>2004</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>2003</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>2002</td>
<td>2</td>
<td>38%</td>
</tr>
<tr>
<td>2001</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>2000</td>
<td>2</td>
<td>38%</td>
</tr>
<tr>
<td>1999</td>
<td>11</td>
<td>38%</td>
</tr>
<tr>
<td>1998</td>
<td>6</td>
<td>38%</td>
</tr>
<tr>
<td>1997</td>
<td>52</td>
<td>38%</td>
</tr>
</tbody>
</table>

Note: The diagram represents the status report data with specific years and percentages for each year.
ANCE CONTROL

AS OF APRIL 1, 1940.

CURRENT PROCUREMENT FY 40

<table>
<thead>
<tr>
<th>%</th>
<th>0%</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>150</td>
<td>350</td>
<td>550</td>
<td>711</td>
<td></td>
</tr>
</tbody>
</table>

ADJUST CIRCLES, M2

5/40 8/40 12/40 4/41 6/41

BOARD, PLOTTING, SG, M2

4/40

BOARD, PLOTTING, FLASH RANGING

NO CURRENT PROCUREMENT

BOARD, PLOTTING, SOUND RANGING, M1

NO CURRENT PROCUREMENT

COMPASS, PRISMATIC, M1918

NO CURRENT PROCUREMENT

CORRECTOR, SOUND RANGING, WIND, M1

NO CURRENT PROCUREMENT

INSTRUMENT, AZ, MILS, M1918

NO CURRENT PROCUREMENT

ACCEPTED

DELIVERIES

UNDER

CONTRACT

93
Q.M.C.
MOTOR VEHICLES
REPORT AS OF APRIL 1, 1940.
CURRENT PROCUREMENT

0%  20  40  60  80  100%

1/2 T. TRUCKS
- 2338
1,907  2362
4/40  5/40  7/40

1-1/2 T. TRUCKS
- 3559  4039

2-1/2 T. TRUCKS
- 1100  2030  2574
4/40  5/40  6/40

MISCL. TRUCKS
- 49

TRAILERS
- 948  1010
5/40

PASS. CARS

CURRENT PROCUREMENT COMPLETED

RECONN.
- 1235  1473
5/40

AMBULANCES

CURRENT PROCUREMENT COMPLETED

MOTORCYCLES
- 1643  1743
6/40

| ACCEPTED | DELIVERIES |
| UNDER    | CONTRACT   |
| PENDING  |           |
Q. M.
CRITICAL
STATUS REPORT

P.M.P. PROGRAM

<table>
<thead>
<tr>
<th>%</th>
<th>FY 39</th>
<th>FY 40</th>
<th>FY 39</th>
<th>FY 40</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>6394</td>
<td>9861</td>
<td>14,375</td>
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</tr>
<tr>
<td>20%</td>
<td>3233</td>
<td>4421</td>
<td>7,012</td>
<td></td>
</tr>
<tr>
<td>40%</td>
<td>1619</td>
<td>2019</td>
<td>4,852</td>
<td></td>
</tr>
<tr>
<td>60%</td>
<td>24,317</td>
<td>53,908</td>
<td>109,662</td>
<td></td>
</tr>
<tr>
<td>80%</td>
<td>3125</td>
<td>3400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td></td>
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</tbody>
</table>

ON COMPLETION OF CURRENT PROGRAM

PMF
REQ

C. ITEMS

AS OF APRIL 27, 1940

CURRENT PROCUREMENT

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Accepted Deliveries</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bags, Canvas, Water</td>
<td>3,089</td>
<td>3,487</td>
</tr>
<tr>
<td>Cloth, Wool (1000 yds)</td>
<td>816</td>
<td>826</td>
</tr>
<tr>
<td>Overcoating, Melton (1000 yds-32 oz yd)</td>
<td>263</td>
<td>400%</td>
</tr>
<tr>
<td>Tents, Storage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No current procurement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tents, Pyramidal</td>
<td>24,048</td>
<td>29,591</td>
</tr>
<tr>
<td>Ranges, Field</td>
<td></td>
<td>667</td>
</tr>
<tr>
<td>Saddle, Pack, Cargo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No current procurement</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

% Includes 63,960 Yds for N.C.
REPORT AS OF

0% 10 20 30 40 50 60 70 80 90 100%

1646 2569
FY '39 FY '40

5873
FY '40

6107 10,066
FY '40

3484
FY '39

47,608 55,953
FY '40

27,951 32,496 58,955
FY '38 FY '39 FY '40

ON COMPLETION OF CURRENT PROGRAM

• NO P.M.P. PROGRAM

% P.M.P. REQUIREMENT - 53,984 Miles
<table>
<thead>
<tr>
<th>Radio Compass</th>
<th>0%</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20</td>
<td>35</td>
<td>105</td>
<td>240</td>
<td>562</td>
<td>734</td>
<td>850</td>
<td>923</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3/40</td>
<td>4/40</td>
<td>5/40</td>
<td>6/40</td>
<td>7/40</td>
<td>8/40</td>
<td>9/40</td>
<td>10/</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Radio Sets, Aircraft | 640 | 693 | 865 | 1779 | 2601 | 3226 |    |    |    |    |      |
|                      | 3/40| 4/40| 7/40| 10/40| 1/41 |      |    |    |    |    |      |

| Radio Sets, Ground  | 290 | 754 | 1044| 1346 | 1544| 1675 |    |    |    |    |      |
|                     | 5/40| 7/40| 10/40| 1/41 | 4/41 |      |    |    |    |    |      |

| Telephones, EE-8   | 10,000| 28,645| 44,124 |    |    |      |    |    |    |    |      |
|                    | 4/40| 11/40|        |    |    |      |    |    |    |    |      |

| Wire, W-110 (Miles) | 6973| 8529| 12,185| 26,459 |    |      |    |    |    |    |      |
|                     | 4/40| 6/40| 9/40|       |    |      |    |    |    |    |      |

- **Accepted Deliveries**
- **Under Contract**
- **Pending**
MEMORANDUM FOR THE CHIEF OF STAFF (No. 6): (H.M. Marshall)

Subject: Telephone Message from the I/A Paris.

Following is the substance of a telephone conversation held this morning at 10:30 between the Military Attache, Paris and Colonel Magruder, Chief Intelligence Branch, G-2:

Germans hold the west bank of Yssel River. Have captured Ede, and have pushed mechanized units to Utrecht. The situation in the Rotterdam, Dordrecht and The Hague area is not clear. German troops in the vicinity of Rotterdam, Dordrecht and The Hague. German troops have reached Bois de Bac, Tongres and Bilsen west of Maastricht in contact with the French. They have turned the line of the Albert Canal. They are in contact at Liege and have captured the upper works of Eben-Emael. Unconfirmed reports state that the fort has been captured as a whole. They have pushed south of Liege to Bertogne (?). The line to the south is as given yesterday to Bastogne. Hard fighting 10 kms. west of Houffalize at Herbeumont and Longwy, and on the southern frontier of Luxembourg terrific fighting.

Heavy tanks being used by Germans. Seventy German divisions engaged north of Moselle. Two hundred German planes lost since hostilities began. British Air Force assisting French and Belgian troops in Maastricht area with considerable success. Switzerland in danger from north and south. Yugoslav and Rumania also in danger. Concentrations in those areas. Hungary on side of Germany.

Two hospitals, one hospital train and one column of civilian evacuees believed to have been bombed and machine-gunned. Col. Fuller is going up tomorrow to verify and will be gone two days. Col. Haite will transmit during his absence. Morale fine. French calm, determined and very quiet. No evidence of the use of special weapons in taking the fort at Eben-Emael other than delayed action bombs. No information known as to the use of gas.

Magruder
Brigadier General, U. S. Army, Acting Assistant Chief of Staff, G-2
Paraphrases of Code Radiograms
Received at the War Department
May 10 and 11, 1940.

Received May 10th, 9:43 p.m.
Bern, Switzerland. May 10th.

Although the Germans have 21 divisions located in the Black Forest region, there appears to be no immediate concentration against Switzerland. However, the Germans closed the Swiss-German Frontier this morning.

The German Air Force has repeatedly violated Swiss territory; bombs were dropped in the vicinity of Courrendlin by one plane, causing little damage, however.

The armed strength of the Swiss Army will total 500,000 on May 11th.

Legge.

Received May 11th, 2:06 p.m.

In Belgium the Allies are making rapid progress since the German air forces are not attacking advancing columns. The British forces are well advanced on their way to the Belgian defense line. The French Army has attacked German forces entering Belgium.

High officers in British Army state that they believe that the invasion of Belgium and Holland has as its purpose the gaining of airbases with a short range to Britain, the weakening of the Royal Air Force, and drawing French and British armies to the aid of Belgium; and
that when these aims are accomplished the Maginot Line will be attacked
in great force and air attacks will be launched against the British

In Belgium the German Army has reached Franoorchamp (west of
Malmedy), Battice, and Housse (Herve?) (east of Liege). In the Ardennes
the Belgian forces are withdrawing rapidly to the May bridgehead. In
the Maastricht area the German forces have crossed the Albert Canal;
a Belgian cavalry division has withdrawn across the Albert Canal.
Parachute troops have landed at Cortenberg (?), Tervueren, and Wessembeck(?),
all east of Brussels, and at the railroad stations at Ruybruke(?) and
Ogwyn(?) Heavy attacks have been made on Vroenhaven(?) between
Maastricht and Tongres and air support is lacking in this area. German
bombardment has destroyed practically all Belgian pursuit planes and they
are unable to oppose German aircraft.

In Holland the Waalhaven airstrip near Rotterdam was recaptured
by the Dutch Army after being heavily bombed by British aircraft. The
main German ground attack is on the Yssel River front, where troops have
crossed the Yssel (Yssel?) at Dieren, Oost (?), and Haspenfeld (?)

The movement by French and British troops towards the Front
CONFIDENTIAL

in Belgium is continuing in a satisfactory manner.

Great activity was displayed by the German bombing planes
over the following Belgian cities: Brussels, Alost, Antwerp, St.
Tong, Bierset, Tongres, Nivelles and Hasselt.

Brown

Received May 11th, 9:56 p.m.

Berlin, Germany: May 11th.

German troops are reported to have crossed the Meuse River
in Holland. So far extensive demolition and obstacles have retarded
progress. Extensive fighting in Belgium has not succeeded in reaching
as yet the permanent fortified zones. Forces of the German Army have
crossed Luxembourg into Belgium. The air force and air infantry have
gained only moderate success.

On May 10th the strength of trained German divisions was
estimated as follows: 215 infantry and armored; 12 armored; 1 cavalry,
8 SS; 4 border; total 216.

West Front allocation in divisions: North Sea to Emsgerich,
20; Emsgerich to Roermond, 15; Roermond to Malmedy, 30; Malmedy to Mosel,
35; Mosel to Rhine, 20; upper Rhine 15; total 110. In area Malmedy—
Kleve-Dusseldorf the bulk of the mechanised forces is located. As yet
no indication of commitment of mechanised forces.

Franklin D. Roosevelt Library
DECLASSIFIED
DOO DMM. 5200.5 (8/27/45)
Date 7-29-76

Conflential
MEMORANDUM FOR THE CHIEF OF STAFF (NO. 14):

Subject: Messages from Military Attaches.

Following are paraphrased messages received from the Military Attaches in the specific countries listed:

Paris, Filed 15135 May 18, 1940: Your inquiry re causes German successes. According to all information available, Germans dive-bombed fortifications and front line troops for 28 hours preceding jump-off. All but shattered nerves of troops. No artillery preparation at jump-off but with hundreds of heavy tanks (36-ton Skoda) supported by low-flying planes. The Meuse was crossed on a permanent bridge which had been left intact. Success is attributed to French shortage of antiaircraft artillery (particularly small cannon), ineffectiveness of armor-piercing ammunition and inadequacy of aviation and to German use of aviation and heavy tanks in mass.

London, Filed 1640, May 18: Your inquiry re causes German successes. These resulted from choice of soft spots which were attacked by masses of armored vehicles and medium and heavy tanks. These were preceded immediately and directly supported by attack and bomberdment aviation, which in turn had pursuit protection. Air-ground cooperation and coordination excellent. There has been no report of the employment of secret weapons.

London, Filed T152 PM, May 18: The line now held by the Allied armies runs from the north generally along the west bank of the Scheldt River—Termonde—Alost—Ypres—Messines—Chauny (on the Oise River to the south of St. Quentin), thence to the east along the line of the Ailette and Aisne Rivers—Bethel and Montmedy.
Berlin, Filed 1630, May 18: A strong defense line has been formed along line - Bethel--Charleroi. In the north troops are advancing rapidly to the southeast from Brussels. Nivelles and Charleroi have been captured. The main attack is progressing rapidly between the Cise and the Aisne Rivers. Saint Quentin has been taken. The forward German elements are on the line of the Cise-Aisne Canal. On the north bank of the Sambre a bridgehead is being established.

SHERMAN MILES,
Brigadier General, U. S. Army,
Acting Assistant Chief of Staff, G-2
TECHNICAL PROGRESS IN TRAVEL TIME

Size of the world, supposing best travel technology in each epoch were applied over the whole surface of the earth.
MEMORANDUM FOR
THE CHIEF OF STAFF OF THE ARMY

May 20, 1940.

I have just been informed that the Assistant Military Attache in Paris, on May 13th, gave detailed information as to the position of the French troops defending France to the Chief of Military Intelligence in Washington over the telephone, which, of course, was listened to by the representatives of the German General Staff.

Will you let me have an immediate report on this?

F. D. R.
HSM
This telegram must be closely paraphrased before being communicated to anyone. (Br.)

Paris
Dated May 15, 1940
Rec'd 11:07 a.m.

Secretary of State,

Washington,

672, May 15, 2 p. m.

PERSONAL AND STRICTLY CONFIDENTIAL FOR THE PRESIDENT.

The following is a memorandum which I have given to the Military Attache of this mission Colonel Fuller:

"The French Premier, Mr. Paul Reynaud, said to me this evening May 14 at 7:20 that the General Staff had protested against a communication yesterday by the Assistant Military Attache of this mission which was of value to the enemy. He went on to say that the Assistant Military Attache had given detailed information yesterday May 13 as to position of the French troops defending France to the Chief of Military Intelligence in Washington over the telephone which everyone knew was listened to by representatives of the German General Staff. The Assistant Military Attache had given explanations and comment.

(END SECTION ONE).
1. Secretary of State,
   Washington.

   672, May 15, 2 p. m. (SECTION TWO)

   I said to the Prime Minister that the Assistant
   Military Attache Colonel Sumner Waite had indeed been
   in charge of the office of the Military Attaché yester-
   day because the Military Attaché Colonel Fuller had been
   absent from Paris all day inspecting German bombardments
   of hospitals in the region of Toul and Nancy and could
   not therefore have had any conversations with Washington.

   The Prime Minister went on to say that all the
   officers attached to the American Embassy in Paris had
   been trusted to the last degree and that he considered
   this action of Colonel Waite's most extraordinary.

   BULLITT

   RR
This telegram must be closely paraphrased before being communicated to anyone. (Br.)

Par

Dated May 15, 1940
Rec'd 11:30 a.m.

Secretary of State,
Washington.

672, May 15, 2 p.m. (SECTION THREE)

I replied that I was certain that Colonel Waite had intended no harm but that I could not make excuses for such indiscretion and that I would take action immediately.

You will I am certain agree with me that at a moment when the most terrible attack in history is being made against France, it is unpardonable for a senior officer of the American army to have committed an indiscretion which jeopardizes not only the entire position of the Military and Naval Attachés of this mission, but also tends to make it appear that this mission is unreliable and, in addition, may have been of service to the German invaders.

BULLITT

KLP
This telegram must be closely paraphrased before being communicated to anyone. (Br.)

Secretary of State,
Washington.

672, May 15, 2 p.m. (SECTION FOUR)

I have ascertained from the records of the telephone operator at the chancery that during your absence at about 3:30 p.m. Colonel Waite put in a call to the Chief of the Military Intelligence in Washington, that he got the Chief of Military Intelligence on the telephone at 4:30 p.m., and that their conversation lasted sixteen minutes.

I believe that Colonel Waite's usefulness at this post has ceased."

I trust that you will instruct your new Chief of Military Intelligence to cease to question his Military Attachés in plain English on the telephone.

(END MESSAGE).

BULLITT

FLP
May 24, 1940

CONFIDENTIAL MEMORANDUM FOR

HON. SUMNER WELLES

Please read and return. What is the latest on this?

F. D. R.

My dear Mr. President:

I return herewith the correspondence you sent me regarding the French protests concerning Colonel Waite. I understand that following a talk between General Miles and the French Military Attaché and the withdrawal, in which Bullitt concurred, of Colonel Fuller's recommendation that Colonel Waite be recalled, the incident may be regarded as closed.

Faithfully yours,

Enclosures:
As noted.

The President,
The White House.
The President,
The White House.

Dear Mr. President:

With reference to your note of today, I attach General Miles’ report on his conversation with Colonel Waite, in Paris, May 13th, and the resulting action.

Respectfully yours,

encls.

Chief of Staff.
WAR DEPARTMENT
WASHINGTON, D. C.

May 20, 1940.

MEMORANDUM for the Chief of Staff:

Subject: Telephonic Conversations with Military Attaches in Paris.

1. On the morning of May 10th, I telephoned the Military Attache in Paris for information on the situation. I told him that the purpose was to obtain the outstanding military information in time for use here, but I did not want any information that might embarrass the foreign authorities. I obtained information from Paris on the 10th, 11th and 13th in this way and reported it to you. Before my conversation of the 13th, however, I decided that the few hours gained were not worth possible criticism or suspicion on the part of the French, so reported to you, and told the Military Attache to discontinue telephonic contact and report daily by radio (code).

2. Transcript of conversation with Colonel Waite in Paris on May 13th herewith, marked "A". (This was the only time I talked to Waite; on the 10th and 11th, my conversation was with Colonel Fuller.)

3. May 15-18, radios were exchanged between the Military Attache in Paris (signed "Bullitt") and me on the relief of Colonel Waite. They are attached herewith marked B, C, D and E. On the receipt of E, explaining what it was all about, I asked Colonel Lombard, French Military Attache in Washington, to come to my office today. I told him (which he apparently did not know) that the French Government had complained of Colonel Waite, and went over with him the points covered in the telephonic conversation of May 13 (A). Colonel Lombard seemed to see little indiscretion in the subject matter, but I told him that what there was resulted from my questions, that I accepted full responsibility and very much regretted the incident. At my request, he said he would report our conversation to Paris. I then reported to you, and sent off radio marked "F", herewith.

The conversation of May 13th did not differ materially from those held on the 10th and 11th, about which there was apparently no complaint. I think the French heard only of the May 13th conversation, and that resulted in the request for Waite's relief. I feared they might object, and so decided to stop telephoning, but unfortunately too late to avoid a protest.

I repeat that such responsibility as attaches to this incident is mine alone.

Sherman Miles.
Brigadier General, U. S. Army.
Acting Assistant Chief of Staff, G-2.

5 encls.

hm
Conversation between General Miles in Washington and Col. Waite in Paris

Gen. Miles: Well, give us the news.

Col. Waite: The front line now is Amersfoort--Buduc--Eindhoven--Hasselt--Tongres--Ruy--Marche--point northeast of Sedan.

Gen. Miles: You are skipping from Marche to Sedan?

Col. Waite: Yes, Sedan. I'll explain it later. Then east along the frontier. The Germans have crossed the frontier also in the Forbach salient and in the salient north of Biche preceded by heavy artillery preparation. They just got in contact. In Belgium the German troops reached Tirlemont, but a strong counterattack by two French light mechanized divisions drove them back to Tongres. The French are very pleased about this. Liege is isolated but still fighting. The attack in the Neufchateau area by the German 1st and 7th mechanized divisions has reached a point northeast of Sedan. A strong Allied counterattack has been launched today in that region.

Gen. Miles: That is between Neufchateau and Sedan?

Col. Waite: Yes. The French have hit the salient on both sides. Fires in Amsterdam and Rotterdam. Dutch and Belgians are putting up stiff resistance. The French are much pleased. It is reported today that five German mechanized divisions are moving on Antwerp. Namur and Tirlemont are being bombed every hour. One British squadron alone has shot down 20 German planes. Estimated 400 German planes operated over France and Belgium yesterday. Approximately 25 points bombed. Three alerts in Paris today and Villeret St. Georges, about 20 km. northeast of Paris, a railroad junction, was bombed last night with incendiary bombs, but no damage. Information indicates a formation of German fifth column in Spain. It is reported that the Italians have mobilized aid in Iran. They have been notified to be ready to leave from Iran to go back to Italy. Italian banks in the region of Izmir, Turkey have suspended all credit operations, and I may be mistaken, but I wouldn't be surprised if the Italians decided to tackle Yugoslavia in the next ten days or two weeks.


Col. Waite: He told me this morning that in his opinion it is
very possible that the Italians will attack Yugoslavia in the next 10 or 15 days. Now General, I have a couple details here. We need about $200 for telephone money and Brown also asked for $100 for telephone money.

Gen. Miles: Now wait a minute. That's all you have to give me? What is the general French opinion as to how the German piercing movement around Maastricht was carried out? How did they get those forts? How did they make that breakthrough?

Col. Waite: I happen to know that the troops at Eben Emael fought very well, having been there. It is a very strong fort dominating the entire countryside, about two acres in size, surrounded by a moat 60 feet wide and 20 feet deep. What they did was, they landed parachutists on top of the fort. By means of either gas or flame throwers they forced the garrison to surrender. I was very much surprised because the thing was divided up into blocks, and absolutely gas proof and the guns -- the 75 mm. guns -- (There was a break in the record here. The following is supplied from stenographic notes: The shelter for the 75mm. guns, which operated on sort of an elbow swivel joint, was gas proof also. There were 2 120mm. guns; 12 75mm. guns; 20 60mm. guns --) and I forget the number of machine guns.

Gen. Miles: You think it was done by parachutists landing on top?

Col. Waite: That's it.

Gen. Miles: They must have taken some other forts north and west of that in order to make their breakthrough. Was that not true?

Col. Waite: Evidently. They moved to the north and west toward Tirlemont.

Gen. Miles: They must have broken through on a bigger front than that simply controlled by Eben Emael.

Col. Waite: Well, they say that was the only way they came in. (A few unintelligible words here.) One bridge over the Meuse was not blown up.

Gen. Miles: Why was that?

Col. Waite: Something happened. Something failed. I understand that the officer who was to give the command was killed as he was about to give the command; his head was blown off. But that bridge has been destroyed now by the British.

Gen. Miles: Do the Belgians or French think that Liege can hold, having been turned from the north?
Col. Waite: At last report Liege was encircled but still fighting.

Gen. Miles: Do the French think it can hold for any length of time, having been encircled?

Col. Waite: Yes sir. How long they will hold though is a question.

Gen. Miles: They are entirely surrounded?

Col. Waite: Yes; they may be something like this Eben Emael fort, but at last account they were still hanging on.

Gen. Miles: Well now, that's all you have to report?

Col. Waite: I believe that the Allies will be able to get on to that line that we have talked about many times. You know that line that General Georges showed you.

Gen. Miles: Yes, the switch line.

Col. Waite: That's it.

Gen. Miles: The switch line through Wavre. Now look here --

Col. Waite: Things look fairly well on the ground.

Gen. Miles: The French are calm?

Col. Waite: As far as the armed forces are concerned, yes, but in the air it is a question.

Gen. Miles: How about the success in the air? Have the Germans shown strong superiority, or are they holding their own, the Allies?

Col. Waite: Well, from the standpoint of quality of pilots and machines I think the Allies are doing pretty well, but the Germans of course outnumber them pretty much; they way outnumber them. Of course the Allies need airplanes.

Gen. Miles: Waite, I think we will have to stop this telephoning. It's too expensive and it's not fair to the French to do it. It might be picked up. I wish you would get off a comprehensive cable about one o'clock your time every day. You can do that, can't you? You get your news in? And of course at any other time anything important comes in. We will give you all the cable money you want, and we will do it that way. Do you see? We will stop this telephoning unless something occurs that we might have to resume it. Anything else you want to say?

Col. Waite: Not a thing. Good-bye.
COPY

Number 2286. May 15th.

Request immediate relief Lt. Colonel Sumner Waite.
Action concurred in by the Ambassador. Letter of explanation by pouch.

Bullitt.