

# WEIGHT & BALANCE CHART

SPEC. AN-H-8  
 DEC. 18, 1942  
 FORM ASC-113

AIRPLANE MODELS

CG LIMITS (IN INCHES) AFT OF REFERENCE DATUM LINE

CONDITION

F'W'D

AFT

TAKE-OFF

LANDING

P-40M

## BASIC WEIGHT ITEMS

POUNDS

WEIGHT EMPTY (INCLUDING TRAPPED FUEL AND OIL)

5800

EQUIPMENT:

NAVIGATION \_\_\_\_\_ LB. PHOTOGRAPHIC 0 \_\_\_\_\_ LB. OXYGEN \_\_\_\_\_ LB.

PYROTECHNICS (FLARES, ETC.) \_\_\_\_\_ LB.

ARMAMENT:

FIXED GUN INSTALLATION(S): ( 4 ) .50 CAL. 320 LB.; ( ) \_\_\_\_\_ CAL. \_\_\_\_\_ LB.; GUN SIGHT \_\_\_\_\_ LB.

320

FLEXIBLE GUN INSTALLATION(S): ( ) \_\_\_\_\_ CAL. \_\_\_\_\_ LB.; ( ) \_\_\_\_\_ CAL. \_\_\_\_\_ LB.

CANNON INSTALLATION(S): ( ) \_\_\_\_\_ MM. \_\_\_\_\_ LB.; ( ) \_\_\_\_\_ MM. \_\_\_\_\_ LB.

RADIO: MODEL(S) \_\_\_\_\_

**TOTAL BASIC WEIGHT** (CG \_\_\_\_\_ INCHES AFT OF REFERENCE DATUM LINE)

6120

## ITEMS OF USEFUL LOAD

## ALTERNATE LOADINGS (POUNDS)

| ITEMS OF USEFUL LOAD   | MAXIMUM FUEL | DESIGN | ALTERNATE LOAD PURSUIT | GROUND ATTACK PURSUIT |
|--|--------------|--------|------------------------|-----------------------|
| PILOT (200 LB. INCLUDING PARACHUTE)                              | 200          | 200    | 200                    | 200                   |
| CREW (200 LB. EACH INCLUDING PARACHUTE)                          |              |        |                        |                       |
| PASSENGERS (200 LB. EACH INCLUDING PARACHUTES)                   |              |        |                        |                       |
| BAGGAGE ( _____ LB. MAXIMUM) DUFFLE BAG                          | 50           |        |                        |                       |
| FUEL (6 LB./U.S. GAL. OR 7.2 LB./IMP. GAL.):                     |              |        |                        |                       |
| REAR WING  |              |        |                        |                       |
| FUSELAGE   |              |        |                        |                       |
| EXTERNAL   |              |        |                        |                       |
|  |              |        |                        |                       |
|  |              |        |                        |                       |
|  |              |        |                        |                       |
|  |              |        |                        |                       |
| OIL (7.5 LB./U.S. GAL. OR 9 LB./IMP. GAL.):                      |              |        |                        |                       |
|  |              |        |                        |                       |
| EXTRA TANK(S) INSTALLATION                                       |              |        |                        |                       |
| BOMB INSTALLATION(S): ( 1 ) INTERNAL AT _____ 500 _____ LB. EACH |              |        |                        | 500                   |
| ( ) EXTERNAL AT _____ LB. EACH                                   |              |        |                        |                       |
| EXTERNAL RACK  | 10           |        |                        | 10                    |
| TORPEDO INSTALLATION   |              |        |                        |                       |
| AMMUNITION   |              |        |                        |                       |
| ( 940 ) RD. OF _____ .50 _____ CAL.; ( ) RD. OF _____ CAL.       | 280          | 280    |                        |                       |
| ( ) RD. OF _____ MM.; ( ) RD. OF _____ MM.                       |              |        |                        |                       |
| 1216 RD OF .50 CAL.  |              |        | 370                    | 370                   |
|  |              |        |                        |                       |
|  |              |        |                        |                       |
| <b>GROSS WEIGHT</b>  | 8000         | 7400   | 7500                   | 8000                  |
| DISTANCE (IN INCHES) THAT CG IS AFT OF REFERENCE DATUM LINE      |              |        |                        |                       |