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EE-306-2  
EXPERIMENTAL

# MONTHLY CHART AIRPLANE CHARACTERISTICS & PERFORMANCE



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1 JUNE 1944

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PREFACE SHEET

EE-306-2

## MONTHLY CHART OF EXPERIMENTAL AIRPLANE CHARACTERISTICS AND PERFORMANCE

Characteristics and Performance data shown are manufacturer's guarantees as listed in the model specification except where official performance tests have been completed and thus indicated by a letter "C".

ENGINE RATINGS are given for the engine as a unit, and do not include ram which may increase the ratings under flight conditions. NORMAL RATED POWER is the maximum power permissible for continuous use and may be obtained between sea level and the normal rated altitude of the engine. Normal rated altitude is the altitude at which normal rated power is developed at normal rated speed with full throttle under standard altitude conditions. (An engine with a two speed or two-stage supercharger has two or more normal rated altitudes). MILITARY RATED POWER is a maximum power permitted for short duration only. TAKE-OFF POWER is the maximum power designated by the manufacturer for use under sea level conditions. WAR EMERGENCY POWER when applicable is indicated by the symbol "we".

SPEEDS: The high speed based on design gross weight is given at the critical altitude of the airplane (i.e. where best performance is obtained with the horsepower shown). CLIMB is determined with the design gross weight and using take-off and then maximum continuous power. TAKE-OFF and LANDING is based on design gross weight and made over sod runways unless otherwise specified.

RANGE- FUELS- BOMBS: These columns should be used together and take into consideration the weight shown in the WEIGHT column. RANGE is based on ideal cruising conditions, utilizing best combination of power, altitude, etc., and do not include any safety factors or allowances for warm-up, take-off, climb, navigation variations, etc. Practical ranges average 75% of the value shown or less.

ARMAMENT: Installations for design gross weight.

COMBAT PROTECTION includes Leak Proof (L.P.) Tanks, Armor and Bullet Proof (B.P.) Glass.

THIS REPORT SUPERSEDES PREVIOUS EE-306-2 PUBLICATIONS; SUPERSEDED PUBLICATIONS, IF NO LONGER OFFICIALLY REQUIRED, WILL BE DESTROYED IN THE MANNER PRESCRIBED IN PARAGRAPH 23, A.R. 380-5, DATED 28 SEPTEMBER 1942.

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HEAVY EQUIPMENT MONTHLY CHART  
**CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE**

PAGE 1

DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                            | ENG. RATINGS<br>NORMAL ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH ALT. CL.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.-1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>50' OBS.<br>LAND OVER<br>50' OBS. | RANGE with<br>SPEEDS & POWER                    |                                         | FUEL with<br>RESERVE   | BOMBS at<br>MAXIMUM                  | WEIGHTS<br>WT. EMPTY<br>WEIGHT<br>WEIGHT GROSS<br>WEIGHT | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL. -DPS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE                    | REFERENCE                                                                       |
|---------------------------------------------------|------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------|-----------------------------------------|------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------|
|                                                   |                                                                  |                                    |                                                               |                                                                 | MAXIMUM<br>DESIGN<br>(WITH MAX. P.O.S.)         | MAXIMUM<br>CRUISE<br>(WITH MAX. P.O.S.) |                        |                                      |                                                          |                                           |                                                           |                                         |                                                                                 |
| <b>XB-19A</b> GENERAL<br>MOTORS<br>Four V-3420-11 | 2100/40000<br>2500/40000<br>2600/ S.L.                           | 265/25000/<br>10100                | -<br>39000                                                    | 3600<br>2000                                                    | 1210/185/ -                                     | -                                       | 6400                   | 2400                                 | 92397<br>110830                                          | 212'0"<br>132'2"<br>1285 Sq. Ft.          | 4-.50-500<br>5-.50-200<br>2-37mm-50                       | NONE                                    | Spec. X-85.<br>Formerly the<br>XB-19. Re-<br>designated<br>XB-19A.              |
| <b>XB-29</b> BOEING<br>Four R-3350-13             | 2000/25000<br>2200/25000<br>2200/ S.L.                           | 368/25000/<br>8800                 | 27/25000<br>32100<br>9430                                     | 4191<br>4191                                                    | 5850/250/ 52%<br>4524/250/ 48%<br>3500/247/ 52% | 7194<br>5455<br>4587                    | NONE<br>2000<br>20000  | 8000<br>105000<br>120000             | 56421<br>120000<br>105000<br>120000                      | 111'3"<br>98'2"<br>1739 Sq. Ft.           | 10-.50-500<br>1-20mm-80                                   | ARMOR<br>L.P. TANKS                     | Spec. D-4651-<br>(Pressure<br>Cabin)<br>D-3104 App. P<br>Spec. 20-33-<br>001-C. |
| <b>XB-32</b> CONSOL.<br>Four R-3350-13            | 2000/25000<br>2200/25000<br>2200/ S.L.                           | 375/25000/<br>8800                 | 23.5/25000<br>30700<br>16500                                  | 4000<br>2810                                                    | 4850/250/ 45%<br>4254/250/ 45%<br>1610/250/ 48% | 4974<br>4991<br>1775                    | NONE<br>2000<br>20000  | 61961<br>101662<br>101662<br>101662  | 135'0"<br>85'0"<br>1422 Sq. Ft.                          | 11-.50-500<br>2-20mm-100                  | ARMOR<br>L.P. TANKS                                       | Spec. 20-33-<br>001-C.                  |                                                                                 |
| <b>XB-35</b> NORTHROP<br>Four R-4360              | 2500/40000<br>3000/40000<br>3000/ S.L.                           | 366/35000/<br>12000                | -<br>39000<br>16000                                           | 5730<br>3000                                                    | *8150/275/ -<br>*5230/275/ -<br>*2820/275/ -    | 10023<br>8356<br>-                      | NONE<br>10000<br>51200 | 80977<br>180000<br>155000<br>180000  | 172'0"<br>51'0"<br>4000 Sq. Ft.                          | 4-.50-1000<br>8-.50-600<br>8-.50-1000     | ARMOR<br>L.P. TANKS                                       | Spec. 20-35-<br>001A.                   |                                                                                 |
| <b>XB-36</b> CONSOL.<br>Six R-4360-5              | 2500/40000<br>3000/35000<br>3000/ S.L.                           | 372/35000/<br>13000                | 56/30000<br>31600<br>17500                                    | 5200<br>1000                                                    | 11100/ - / -<br>10000/ - / -<br>4700/ - / -     | 21115<br>19245<br>9450                  | NONE<br>10000<br>72000 | 128225<br>205000<br>294039<br>269039 | 250'0"<br>163'0"<br>4772 Sq. Ft.                         | 1-37MM-100<br>1-37MM-300<br>10-.50-1000   | ARMOR<br>L.P. TANKS                                       | Spec. 20-35-<br>001A.                   |                                                                                 |
| <b>XB-39</b> GENERAL<br>MOTORS<br>Four V-3420-11  | 2100/40000<br>2500/40000<br>2600/ S.L.                           | 368/25000/<br>10100                | 26.5/25000<br>39000<br>11500                                  | 4250<br>3350                                                    | * 5700/253/ -<br>* 4200/250/ -<br>* 3100/253/ - | 6857<br>5174<br>3787                    | NONE<br>2000<br>20000  | 71177<br>120000<br>110297<br>120000  | 111'3"<br>98'2"<br>1739 Sq. Ft.                          | 10-.50-500<br>1-20MM-80                   | ARMOR<br>L.P. TANKS                                       | Spec. X-15<br>Report A-90<br>App. 1 & 2 |                                                                                 |
| <b>XB-40</b> VEGA<br>Four R-1820-65               |                                                                  |                                    |                                                               |                                                                 | C O N T R A C T C A N C E L L E D               |                                         |                        |                                      |                                                          |                                           |                                                           |                                         | For reference<br>data see<br>chart dated<br>1 DEC. 1943                         |
| <b>XB-41</b> CONSOL.<br>Four R-1830-43            |                                                                  |                                    |                                                               |                                                                 | C O N T R A C T C A N C E L L E D               |                                         |                        |                                      |                                                          |                                           |                                                           |                                         | AS ABOVE                                                                        |
| <b>XB-42</b> DOUGLAS<br>Two V-1710-103            | 1050/20000<br>1200/22400<br>1325/ S.L.                           | 419/25700/<br>2100                 | 45/25000<br>27000<br>20000                                    | 6300<br>2650                                                    | 5700/210/ -<br>2090/238/ -                      | 1850<br>650<br>-                        | 0<br>8000<br>-         | 18577<br>33335<br>33000<br>-         | 70'6"<br>53'8"<br>555 Sq. Ft.                            | 2-.50-500<br>4-.50-350<br>(NORMAL)        | ARMOR<br>L.P. TANKS<br>S.P. GLASS                         | Spec. 20-<br>499.                       |                                                                                 |

NOTES:

AC-AIR CORPS

DA-DEFENSE AID

PO-PURCHASE ORDER

\* ESTIMATE

A-ACCEPTANCE PERFORMANCE TEST RUN, AT FACTORY

B-OFFICIAL PERFORMANCE REPORT NO.

C-PRELIMINARY FLIGHT TEST

Prepared by: Technical Data Laboratory, Engineering Division

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LIGHT BOMBARDMENT  
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## MONTHLY CHART

PAGE 2

## AIRPLANE CHARACTERISTICS &amp; PERFORMANCE

DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                                      | ENG. RATINGS<br>NORMAL ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH/ALT.-H.P.<br>LANDING | CLIMB<br>TIME TO/FT.<br>SERV. CEIL.<br>CEIL.-1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>W' OBS.<br>LAND OVER<br>W' OBS. | RANGE with FUEL with BOMBS at WEIGHTS      |                                        |                           | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL.-RDS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE                | REFERENCE                         |                                          |
|-------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------|----------------------------------------|---------------------------|-------------------------------------------|----------------------------------------------------------|-------------------------------------|-----------------------------------|------------------------------------------|
|                                                             |                                                                  |                                     |                                                               |                                                               | MAXIMUM<br>NORMAL<br>(WITH MAX. BOMBS)     | MAXIMUM<br>NORMAL<br>(WITH MAX. BOMBS) | NONE<br>NORMAL<br>MAXIMUM |                                           |                                                          |                                     |                                   | WT. EMPTY<br>WEIGHT<br>MAXIMUM<br>WEIGHT |
| <b>XA-26</b> DOUGLAS<br>Two R-2800-27<br>AC-17946 1         | 1600/5700<br>• 1500/13500<br>2000/ S.L.                          | 371/17000/<br>2920<br>100           | 10.2/20000<br>31300<br>17000                                  | 1840<br>2270                                                  | 1977/202/-<br>810/280/ 63%<br>1125/212/-   | 1000<br>1100<br>300                    | NONE<br>1300<br>1000      | 21150<br>29370<br>A 32700<br>31880        | 70'0"<br>51'2"<br>540 Sq. Ft.                            | 2-.50-100<br>2-.50-500<br>2-.50-500 | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 539                                |
| <b>XA-26A</b> DOUGLAS<br>Two R-2800-27<br>AC-17946 1        | 1150/13000<br>• 1600/13500<br>2000/ S.L.                         | 365/17000/<br>3200<br>-             | 10.5/20000<br>25900<br>13200                                  | 1894<br>2172                                                  | • 1120/234/ 50%<br>•• 700/221/ 63%<br>NONE | 800<br>1100<br>NONE                    | NONE<br>NONE<br>NONE      | 20794<br>28295<br>25300<br>NONE           | 70'0"<br>52'5"<br>540 Sq. Ft.                            | 4-20mm-150<br>4-.50-700             | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 541<br>(NIGHT<br>FIGHTER)          |
| <b>XA-26B</b> DOUGLAS<br>Two R-2800-27<br>AC-17946 1        | 1150/13000<br>• 1600/13500<br>2000/ S.L.                         | 359/16000/<br>3200<br>-             | -<br>25700<br>15500                                           | 1945<br>2192                                                  | 1260/-/-<br>695/-/- 63%<br>NONE            | 800<br>1100<br>NONE                    | NONE<br>NONE<br>NONE      | 20225<br>28655<br>26000<br>NONE           | 70'0"<br>50'2"<br>540 Sq. Ft.                            | 4-.50-500<br>1-75mm-20              | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 542<br>(DESTROYER<br>TYPE)         |
| <b>XA-32</b> BREWSTER<br>One R-2800-37<br>AC-21134 1        | 1150/15000<br>• 1600/13500<br>2000/ S.L.                         | 311/13200/<br>1520<br>75            | 5.74/10000<br>26000<br>NONE                                   | 1295<br>1500                                                  | 1600/200/-<br>600/190/-<br>-               | 530<br>200<br>200                      | NONE<br>NONE<br>1000      | 11419<br>17772<br>15512<br>19960          | 45'1"<br>40'1"<br>425 Sq. Ft.                            | 6-.50-100<br>4-20mm-120             | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. EP-<br>4E                          |
| <b>XA-32A</b> BREWSTER<br>One R-2800-37<br>AC-21134 1       | 1150/15000<br>• 1600/13500<br>2000/ S.L.                         | 311/13200/<br>1520<br>75            | 5.74/10000<br>25000<br>NONE                                   | 1295<br>1500                                                  | -/-/-<br>600/190/-<br>-                    | 530<br>200<br>200                      | NONE<br>NONE<br>1000      | 11419<br>17772<br>15512<br>19960          | 45'1"<br>40'1"<br>425 Sq. Ft.                            | 4-20mm-30                           | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. EP-<br>4E                          |
| <b>XA-38</b> BEECH<br>Two R-3350-15<br>AC-33348 2           | 2100/2500<br>2250/11000<br>2300/ S.L.                            | 370/17000/<br>3600<br>97            | 6.1/11000<br>29000<br>17000                                   | 2500<br>2500                                                  | 2700/170/-<br>1250/170/-<br>1120/168/-     | 1125<br>620<br>625                     | NONE<br>NONE<br>2000      | 22160<br>35264<br>29900<br>33965          | 67'4"<br>51'9"<br>626 Sq. Ft.                            | 1-75mm-20<br>6-.50-500              | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 550<br>Rev. 7-23-43                |
| <b>XA-41</b> VULTURE<br>One XR-1360-9<br>AC-31942 2         | 4500/5000<br>3600/1500<br>3500/ S.L.                             | 353/15500/<br>2100<br>87            | 1.2/10000<br>27000<br>NONE                                    | 1150<br>1585                                                  | 3000/180/ 37%<br>600/270/-<br>-            | 1110<br>350<br>445                     | NONE<br>1099<br>3200      | 19400<br>21262<br>15512<br>23350          | 54'0"<br>48'8"<br>510 Sq. Ft.                            | 4-.50-100<br>2-37mm-50              | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 610-0                              |
| <b>XA-42</b> DOUGLAS<br>(Redesignated XB-42)<br>See page 1. |                                                                  |                                     |                                                               |                                                               |                                            |                                        |                           |                                           |                                                          |                                     |                                   |                                          |

NOTES:

AC-AIR CORPS  
DA-DEFENSE AID  
PO-PURCHASE ORDER• MILITARY RATING FOR 15 MINUTES.  
•• ESTIMATE  
••• FLIGHT TEST - Eng-19-1629-A.

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY

B-OFFICIAL PERFORMANCE REPORT NO.

C-PRELIMINARY FLIGHT TEST

Prepared by: Technical Data Laboratory, Engineering Division

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MONTHLY CHART  
CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

PAGE 3

(REVISED)  
DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                      | ENG. RATINGS<br>NORMAL ALT.<br>ML. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH ALT. HP<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.-1.2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>50' OBS.<br>LAND OVER<br>50' OBS. | RANGE with<br>SPEEDS & POWER             |                                         | FUEL with            |                      | BOMBS<br>at          | WEIGHTS<br>Wt. Empty<br>GROSS<br>HEIGHT | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL. PDS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE              | REFERENCE                                        |
|---------------------------------------------|-----------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------|-----------------------------------------|----------------------|----------------------|----------------------|-----------------------------------------|-------------------------------------------|----------------------------------------------------------|-----------------------------------|--------------------------------------------------|
|                                             |                                                                 |                                   |                                                               |                                                                 | HIGH ALT.<br>SPEED<br>(WITH 100% P.M.S.) | LOW ALT.<br>SPEED<br>(WITH 100% P.M.S.) | MAXIMUM<br>NORMAL    | RESERVE<br>NORMAL    |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-40 Q CURTISS<br>V-1710-121               | 1300/23200<br>1700<br>we 1900/ S L                              | B<br>420/20500/<br>1700           | B<br>4.8/20000<br>39000                                       | -<br>-                                                          | -<br>-                                   | -<br>-                                  | -<br>-               | -<br>-               | -<br>-               | 9000                                    | 35' 2-1/2"<br>55' 4"                      | -<br>-                                                   | -<br>-                            | Eng-17-<br>172B-1<br>1-7-44                      |
| XP-47 J REPUBLIC<br>One R-2800-61           | 1700/30000<br>2100/55000<br>2100/ S L<br>we 2100/30000          | we<br>492/30000/<br>2800<br>92    | we<br>3.3/15000<br>-                                          | 1150<br>2500                                                    | 2601/-/-<br>1224/-/-                     | 870<br>270                              | None<br>None         | None<br>None         | None<br>None         | 4833<br>16780<br>12840                  | 41' 0"<br>33' 3"<br>300 Sq. Ft.           | 0-50-287                                                 | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Republic                                         |
| AC-37160                                    | 1                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-49 LOCKHEED<br>Two X1-1430-13,<br>-15    | 1150/25000<br>1600/25000<br>1350/ S L                           | we<br>458/25000/<br>3150<br>-     | we<br>8.7/20000<br>37500                                      | 3800<br>5800                                                    | 679/-/1950<br>None                       | 425<br>300                              | None<br>None         | None<br>None         | None<br>None         | 15475<br>19448<br>18085                 | 52' 0"<br>40' 1"<br>328 Sq. Ft.           | 2-2000-60<br>4-50-300                                    | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Spec. 1565<br>Rev. 5-1-43<br>(Pressure<br>Cabin) |
| AC-37857                                    | 5                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-51 F NORTH<br>AMERICAN<br>One V-1650-3   | 950/29500<br>1160/13700                                         | *we<br>466/29000/<br>1335<br>-    | we<br>4.25/20000<br>42500                                     | 1253<br>1457                                                    | 2105/270/-<br>652/375/75%<br>630/571/-   | 330<br>105<br>100                       | None<br>None<br>1000 | None<br>None<br>None | None<br>None<br>None | 5634<br>8960<br>7610<br>9060            | 37' 0"<br>30' 3"<br>235 Sq. Ft.           | 4-50-250                                                 | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Spec. 5656<br>Rev. 4-17-43                       |
| AC-37857                                    | 3                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-51 G NORTH<br>AMERICAN<br>One PML18M     | 1175/12500<br>1675/ S L                                         | we<br>492/25200/<br>1665<br>-     | we<br>3.85/20000<br>44700                                     | 1215<br>1580                                                    | -<br>510/315/-                           | 330<br>160<br>160                       | None<br>None<br>1000 | None<br>None<br>None | None<br>None<br>None | 5749<br>-<br>7858<br>6679               | 37' 0"<br>32' 3"<br>235 Sq. Ft.           | -                                                        | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Spec. 6032<br>1-1-44                             |
| AC-37857                                    | 2                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-51 J NORTH<br>AMERICAN<br>One V-1710-119 | ***/-<br>1125/-<br>1500/ S L<br>we 1900/-                       | we<br>491/27100/<br>1620<br>-     | we<br>3.6/20000<br>43600                                      | 1098<br>1595                                                    | -<br>-                                   | -<br>105<br>-                           | -<br>None<br>-       | -<br>None<br>-       | -<br>None<br>-       | 5749<br>-<br>7400<br>-                  | 37' 0"<br>32' 11"<br>235 Sq. Ft.          | 4-50-250                                                 | ARMOR<br>L.P. TANKS<br>B.P. GLASS | NA 8131<br>4-20-44                               |
| AC-37857                                    | 2                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-54 VULTURE<br>One XH-247D-1              | 2000/25000<br>2300/25000<br>2300/ S L                           | C<br>403/28500/<br>2300<br>-      | we<br>17/26000<br>37000                                       | 3200<br>-                                                       | 816/328/75%<br>490/328/75%               | 395<br>223                              | None<br>None         | None<br>None         | None<br>None         | 15262<br>19063<br>18233                 | 53' 10"<br>54' 9"<br>456 Sq. Ft.          | 2-3750-60<br>2-50-300                                    | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Spec. 564<br>(Pressure<br>Cabin)                 |
| AC-15019                                    | 2                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-55 CURTISS<br>One V-1710-95              | 1000/14000<br>1125/15500<br>1275/ S L                           | we<br>449/19300/<br>1100<br>80    | we<br>7.1/20000<br>33400                                      | 1950<br>1950                                                    | 1530/-/600<br>866/296/-                  | 210<br>110                              | None<br>None         | None<br>None         | None<br>None         | 5325<br>7711<br>6855                    | 40' 7"<br>29' 7"<br>209 Sq. Ft.           | 4-50-250                                                 | ARMOR<br>L.P. TANKS<br>B.P. GLASS | Spec. 21-2<br>51<br>(Rev. "D"<br>12-24-40)       |
| AC-29013                                    | 3                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| XP-56 WORTHROP<br>One R-2800-29             | 1500/21500<br>1650/22500<br>2000/ S L                           | we<br>467/25000/<br>1650<br>-     | we<br>7.2/20000<br>-                                          | 1860<br>2500                                                    | 662/396/75%<br>445/396/75%               | 314<br>215                              | None<br>None         | None<br>None         | None<br>None         | 6699<br>12143<br>11350                  | 42' 7"<br>23' 7"<br>307 Sq. Ft.           | 2-2000-60<br>4-50-300                                    | ARMOR<br>L.P. TANKS               | Spec. 2                                          |
| AC-15021                                    | 1                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |
| AC-25060                                    | 1                                                               |                                   |                                                               |                                                                 |                                          |                                         |                      |                      |                      |                                         |                                           |                                                          |                                   |                                                  |

NOTES:

AC-AIR CORPS  
DA-DEFENSE AID  
PO-PURCHASE ORDERwe - WAR EMERGENCY  
\* - FLIGHT TEST  
\*\* - BASED ON 130 GRADE FUELA-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY  
B-OFFICIAL PERFORMANCE REPORT NO.  
C-PRELIMINARY FLIGHT TEST

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MONTHLY CHART  
CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE

PAGE 4

DATE: (REVISED)  
1 June 1944

| MODEL & MFR.<br>ENGINE                                                        | ENG. RATINGS<br>NORMAL ALT.<br>ML. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH ALT./R.P.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL-1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>50 OBS.<br>LAND OVER<br>50 OBS. | RANGE with FUEL with BOMBS at WEIGHTS |                                        |                           | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL.-RDS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE                                    | REFERENCE                         |                                                       |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------|----------------------------------------|---------------------------|-------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------------|-------------------------------------------------------|
|                                                                               |                                                                 |                                     |                                                              |                                                               | MAXIMUM<br>NORMAL<br>WITH MAX. BOMBS  | MAXIMUM<br>NORMAL<br>(WITH MAX. BOMBS) | NONE<br>NORMAL<br>MAXIMUM |                                           |                                                          |                                                         |                                   | WT. EMPTY<br>DESIGN GROSS<br>WEIGHT                   |
| XP-58 LOCKHEED<br>Two V-3420-11,-13<br>AC-12857<br>AC-39212<br>XP-60C CURTISS | 2100/25000<br>2600/25000<br>2500/ S L<br>3000/25000             | 130/20000/6000<br>-                 | 15/25000<br>38500<br>-                                       | 3600<br>3600<br>-                                             | 2650/210/160<br>1150/274/160<br>NONE  | 1700<br>650<br>NONE                    | NONE<br>NONE<br>NONE      | 51306<br>13020<br>38674<br>NONE           | 70' 0"<br>42' 5"<br>600 Sq. Ft.                          | 4-37MM-25<br>4-.50-300<br>or<br>1-75-2-20<br>6-.50-300  | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 1870<br>(Pressure<br>Cabin)<br>Rev. 1-1-43      |
| AC-28113<br>XP-60E CURTISS                                                    | 1550/21500<br>1650/22500<br>2000/ S L                           | C we C<br>1414/20350/2000<br>89     | 5.5/20000<br>35000<br>NONE                                   | 1325<br>-                                                     | - / - / -<br>0.75 hrs.<br>NONE        | 360<br>178<br>NONE                     | NONE<br>NONE<br>NONE      | 5601<br>11656<br>10525<br>NONE            | 41' 4"<br>33' 11"<br>275 Sq. Ft.                         | 4-.50-250                                               | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 6509<br>(Appendix 5)                            |
| AC-28113<br>XP-60E CURTISS                                                    | 1550/21500<br>1650/22500<br>2000/ S L                           | A we A<br>105/21500/1650<br>88      | we 3.9/15000<br>4.8/15000<br>34800<br>NONE                   | 1265<br>-                                                     | - / - / -<br>0.75 hrs.<br>NONE        | 360<br>178<br>NONE                     | NONE<br>NONE<br>NONE      | 8285<br>11778<br>10300<br>NONE            | 41' 4"<br>33' 11"<br>275 Sq. Ft.                         | 4-.50-250                                               | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 6509<br>(Appendix 6)                            |
| AC-28113<br>XP-61 NORTHROP                                                    | 1550/21500<br>1600/15000<br>2000/ S L                           | A we A<br>370/20900/3090<br>95      | 9/20000<br>33100<br>-                                        | 1575<br>2150                                                  | 1466/200/330<br>1200/200/330<br>NONE  | 660<br>540<br>NONE                     | NONE<br>NONE<br>NONE      | 21695<br>28472<br>27576<br>NONE           | 66' 0"<br>48' 11"<br>663 Sq. Ft.                         | 4-20MM-150<br>4-.50-500                                 | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 6A<br>Eng. 19-1609<br>-A & 1CM<br>7-15-43       |
| AC-17442<br>XP-62 CURTISS                                                     | 2100/25000<br>2250/25000<br>2300/ S L                           | A we A<br>148/27000/2250<br>85      | 6.6/15000<br>35700<br>NONE                                   | 2350<br>2140                                                  | 1.5 hrs/2100 HF.<br>-                 | 384<br>215<br>NONE                     | NONE<br>NONE<br>NONE      | 11773<br>18651<br>14660<br>NONE           | 53' 8"<br>39' 6"<br>420 Sq. Ft.                          | 4-20MM-150                                              | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 6513A<br>(Pressure<br>Cabin)                    |
| AC-19440<br>XP-67 NORTHROP                                                    | 1000/25000<br>1500/25000<br>1250/ S L                           | A we A<br>148/25000/3200<br>93      | 17/25000<br>37000<br>14500                                   | 3500<br>2500                                                  | 2000/210/ -<br>700/270/ -<br>NONE     | 735<br>280<br>NONE                     | NONE<br>NONE<br>NONE      | 16661<br>25910<br>21000<br>NONE           | 55' 0"<br>42' 0"<br>414 Sq. Ft.                          | 6-37mm-46                                               | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 5-23A<br>(                                      |
| AC-21216<br>XP-72 REPUBLIC                                                    | 2300/25000<br>2600/25000<br>3000/ S L<br>3450/ S L              | we we<br>500/25000/3000<br>-        | 3.3/15000<br>-                                               | -<br>-                                                        | -<br>-.67 hr/2200 HF.<br>NONE         | 320<br>200<br>NONE                     | NONE<br>NONE<br>NONE      | 10775<br>15170<br>14450<br>NONE           | 41' 0"<br>36' 7"<br>300 Sq. Ft.                          | 6-.50-267                                               | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 507<br>Rep. Letter<br>XP-72-43-32<br>(10-22-43) |
| AC-37879<br>XP-75 FISHER<br>BODY                                              | 2100/17000<br>2300/20000<br>2500/ S L<br>3000/ S L              | we we<br>130/20000/2300<br>82       | 7/20000<br>37000<br>NONE                                     | 1300<br>2000                                                  | 3.50/250/ -<br>3010/250/ -<br>NONE    | 858<br>638<br>NONE                     | NONE<br>NONE<br>NONE      | 11441<br>18665<br>17217<br>NONE           | 40' 1"<br>41' 6"<br>312 Sq. Ft.                          | 4-.50-300<br>Plus alter-<br>ate<br>6-.50-235<br>4mg Gns | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 1-92<br>Rev. 3-3-43                             |
| AC-33362<br>XP-77 BELL                                                        | 150/12000<br>520/8500<br>520/ S L<br>670/ S L                   | we we<br>350/8500/520<br>92         | 3/8500<br>30250<br>NONE                                      | 1281<br>1797                                                  | -<br>2.3 hrs/270<br>-                 | 94<br>56<br>56                         | NONE<br>NONE<br>NONE      | 2760<br>3857<br>3583<br>3940              | 27' 6"<br>22' 11"<br>100 Sq. Ft.                         | 2-.50-200                                               | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 32-<br>947-001                                  |
| AC-30664<br>XP-82 NORTH<br>AMERICAN                                           | 1065/23100<br>1720/6200<br>1490/ S L<br>1700/ S L               | we we<br>161/23100/1260<br>-        | we 6/20000<br>14000<br>-                                     | 1965<br>-                                                     | -<br>1390/315/ -<br>2628/315/ -<br>-  | 590<br>590<br>480<br>740               | 4000<br>-<br>-<br>2000    | 10865<br>21300<br>17300<br>20000<br>20200 | 51' 0"<br>35' 7"<br>300 Sq. Ft.                          | 4-20MM-300                                              | ARMOR<br>L.P. TANKS<br>S.P. GLASS | Spec. 5A-<br>6030,1-15-<br>44<br>6028,2-14-<br>44     |

NOTES: we - WAR EMERGENCY

AC-AIR CORPS  
DA-DEFENSE AID  
PO-PURCHASE ORDER

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY  
E-OFFICIAL PERFORMANCE REPORT NO.  
C-PRELIMINARY FLIGHT TEST

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TRANSPORT  
CONFIDENTIAL MONTHLY CHART  
AIRPLANE CHARACTERISTICS & PERFORMANCE

DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                           | ENG. RATINGS<br>NORMAL ALT.<br>ML. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH ALT. H.P.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.—1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>30' OBS.<br>LAND OVER<br>30' OBS. | RANGE with<br>S SPEEDS % POWER                                                                                           |                                   | FUEL with                               |                                               | CARGO at                         | WEIGHTS              |                      | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>—CALIBERS OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE | REFERENCE |
|--------------------------------------------------|-----------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------|-----------------------------------------------|----------------------------------|----------------------|----------------------|-------------------------------------------|---------------------------------------------------------|----------------------|-----------|
|                                                  |                                                                 |                                     |                                                               |                                                                 | MAXIMUM<br>NORMAL<br>(WITH CARGO)                                                                                        | MAXIMUM<br>NORMAL<br>(WITH CARGO) | NONE<br>NORMAL<br>MAXIMUM               | WT. EMPTY<br>WEIGHT<br>DESIGN GROSS<br>WEIGHT |                                  |                      |                      |                                           |                                                         |                      |           |
| XC-35 LOCKHEED<br>Two R-1340-43<br>AC-3605 1     | 550/S.L.<br>550/S.L.                                            | 240/20000/-<br>-                    | -<br>-                                                        | 2000<br>1800                                                    | 860/190/ 50%<br>650/200/ 75%<br>None                                                                                     | 250<br>250<br>None                | None<br>None<br>None                    | 7600<br>10500<br>10500<br>None                | 55'0"<br>35'6"<br>160 Sq. Ft.    | None<br>None<br>None | None<br>None<br>None | Spec. 1201                                |                                                         |                      |           |
| XC-53A DOUGLAS<br>Two R-1850-82<br>- 1           |                                                                 |                                     |                                                               |                                                                 | This airplane will be a production C-53 airplane equipped with a full span flap and heated surface anti-icing equipment. |                                   |                                         |                                               |                                  |                      |                      |                                           |                                                         |                      |           |
| XC-60B LOCKHEED<br>Two R-1820-87<br>AC-33164 1   |                                                                 |                                     |                                                               |                                                                 | This airplane will be a production C-60A with heated surface type anti-icing equipment installed.                        |                                   |                                         |                                               |                                  |                      |                      |                                           |                                                         |                      |           |
| XC-82 FAIRCHILD<br>Two R-2800-51<br>AC-30435 2   | 1150/13000<br>2000/1500<br>1600/13500<br>2000/S.L.              | 213/13000/<br>2900                  | 10/10000<br>22100<br>5000                                     | 1950<br>1950                                                    | 4000/150/-<br>3000/175/-<br>1500/156/-                                                                                   | 3120<br>2185<br>1300              | 3200 Cargo<br>1250 Cargo<br>15000 Cargo | 26000<br>50000<br>42000<br>50000              | 106'0"<br>76'2"<br>1100 Sq. Ft.  | None<br>None<br>None | None<br>None<br>None | Spec. 78001A<br>11/20/43                  |                                                         |                      |           |
| XC-97 BOEING<br>Four R-3350-23<br>AC-34438 3     | 2000/25000<br>2200/25000<br>2200/S.L.                           | 332/25000/<br>8800                  | 46/25000<br>27800<br>14400<br>(3 engines)                     | 6130<br>-                                                       | 4045/217/-<br>2700/252/-<br>None                                                                                         | 5785<br>4378<br>-                 | 10920 Cargo<br>20027 Cargo<br>-         | 70578<br>120000<br>120000<br>-                | 141'3"<br>110'4"<br>1739 Sq. Ft. | None<br>None<br>None | None<br>None<br>None | Spec. D-4235<br>8-18-43                   |                                                         |                      |           |
| XC-99 CONSOLIDATED<br>Six R-1360-5<br>AC-34454 1 | 2500/40000<br>3000/33000<br>3000/S.L.                           | 335/30000/<br>18000                 | 36/20000<br>30000<br>20000<br>(5 engines)                     | 5000<br>4900                                                    | -<br>9250/173/-<br>1700/200/-                                                                                            | -<br>20814<br>5085                | -<br>15000 Cargo<br>100000 Cargo        | 129871<br>265000<br>265000<br>265000          | 230'0"<br>182'6"<br>4772 Sq. Ft. | None<br>None<br>None | None<br>None<br>None | Spec. ED-37-<br>001.                      |                                                         |                      |           |

## NOTES:

AC—AIR CORPS  
DA—DEFENSE AID  
PO—PURCHASE ORDER

A—ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY  
B—OFFICIAL PERFORMANCE REPORT NO.  
C—PRELIMINARY FLIGHT TEST

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## MONTHLY CHART

PAGE 6

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## AIRPLANE CHARACTERISTICS &amp; PERFORMANCE

OBSERVATION &amp; LIAISON

DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                           | ENG. RATINGS<br>NORMAL ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH ALT./H.P.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.-1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>30' OBS.<br>LAND OVER<br>30' OBS. | RANGE with FUEL with BOMBS at WEIGHTS  |                                        |                           | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL.-RDS. OF<br>AMM. PER GUN | COMBAT PROT. REFERENCE<br>TYPE |                                               |
|--------------------------------------------------|------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------|----------------------------------------|---------------------------|-------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------|
|                                                  |                                                                  |                                     |                                                               |                                                                 | MAXIMUM<br>SERIAL<br>(WITH MAX. BOMBS) | MAXIMUM<br>SERIAL<br>(WITH MAX. BOMBS) | NONE<br>NORMAL<br>MAXIMUM |                                           |                                                          |                                | WT. EMPTY<br>WEIGHT<br>DESIGN GROSS<br>WEIGHT |
| XO-60 KELLETT<br>YO-60<br>One R-915-3            | 300/ S.L.                                                        | 127/ S.L./-                         | 8/10000<br>19000                                              | 250<br>50                                                       | -<br>217/103/ 60%<br>None              | -<br>34<br>None                        | None<br>None<br>None      | 1960<br>-<br>2640                         | 12'0"<br>21'5"<br>Rotor Disc.<br>1365 Sq. Ft.            | None<br>None<br>None           | Spec. 12022.                                  |
| AC-21921<br>XO-61 A.S.A.<br>YO-61<br>One R-915-3 | 350/ S.L.                                                        | 30                                  | None                                                          | None                                                            | R A C T C A S C E L                    |                                        |                           |                                           |                                                          |                                | Spec. 1535                                    |
| AC-21490                                         |                                                                  |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                                |                                               |
| XL-6 INTERSTATE<br>One XO-200-5<br>PO-11016      | C 110/ S.L.                                                      | C 111 1/2 S.L./110                  | C 1/950<br>C 19000<br>None                                    | C 1000                                                          | 650/105/ -<br>325/105/ -<br>None       | 10<br>20<br>None                       | None                      | 1069<br>1625<br>1625<br>None              | 55'6"<br>23'5"<br>174 Sq. Ft.                            | None<br>None<br>None           | Spec. 134<br>C<br>PB-H-19-<br>1516-A.         |

NOTES:

AC-AIR CORPS  
DA-DEFENSE AID  
PO-PURCHASE ORDER

\* TESTED AT GROSS WEIGHT OF 1650#.

A-ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY  
B-OFFICIAL PERFORMANCE REPORT NO.  
C-PRELIMINARY FLIGHT TEST

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**MONTHLY CHART**  
**CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE**

PAGE 8

(REVISED)  
DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                | ENG. RATINGS<br>NORMAL ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF & L. | SPEEDS<br>MAX. TOW<br>MAX. DIVE<br>STALL | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.—1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>30' OBS.<br>LAND OVER<br>30' OBS. | RANGE with FUEL with BOMBS at WEIGHTS |       |                     | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>—CAL.—BDS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE | REFERENCE                          |
|---------------------------------------|-----------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------|-------|---------------------|-------------------------------------------|----------------------------------------------------------|----------------------|------------------------------------|
|                                       |                                                                 |                                          |                                                               |                                                                 | @ SPEEDS % POWER                      | CARGO | PROVISIONS          |                                           |                                                          |                      |                                    |
| XCG-10A LAISTER<br>RAAF/USAF          |                                                                 | 180<br>180<br>60                         |                                                               |                                                                 |                                       |       | 13000<br>—<br>25000 | 105'10"<br>67'10"<br>1171 Sq. Ft.         | NONE                                                     | NONE                 | SPAC. L.F.<br>1105.                |
| AC-119B 1                             |                                                                 |                                          |                                                               |                                                                 |                                       |       | 3297<br>—<br>7005   | 71'10"<br>42'10"<br>507 Sq. Ft.           | NONE                                                     | NONE                 | CHASE SE-<br>PORT NO. 1<br>6-25-43 |
| XCG-14 CHASE                          |                                                                 | 170<br>200<br>60                         |                                                               |                                                                 |                                       |       | 4023<br>—<br>7500   | 62'3"<br>40'10"<br>503 Sq. Ft.            | NONE                                                     | NONE                 | WACO SPEC.<br>NO. 1325.            |
| XCG-15 WACO                           |                                                                 | 150<br>150<br>57                         |                                                               |                                                                 |                                       |       | 4023<br>—<br>8000   | 46'<br>—<br>—                             | NONE                                                     | NONE                 | WACO SPEC.<br>NO. 1335-A           |
| XCG-16 GENERAL<br>VARIABLE THRUST OOL |                                                                 | 220<br>220<br>58                         |                                                               |                                                                 |                                       |       | 9500<br>—<br>19500  | 91'10"<br>66'1"<br>1000 Sq. Ft.           | NONE                                                     | NONE                 | WACO SPEC.<br>NO. 1310             |
| XCG-16A GENERAL<br>(C-47A DERIVATIVE) |                                                                 | 230<br>255<br>70                         |                                                               |                                                                 |                                       |       | 11000<br>—<br>—     | 90'0"<br>64'6"<br>927 Sq. Ft.             | NONE                                                     | NONE                 | C-47                               |
| XFG-1 CHASE                           |                                                                 | 250<br>250<br>76.5                       |                                                               |                                                                 |                                       |       | 3342<br>—<br>6000   | 61'0"<br>39'0"<br>350 Sq. Ft.             | NONE                                                     | NONE                 | CHASER<br>REPORT<br>102A           |

NOTES:  
AC—AIR CRAFT  
EN—ENGINE AID  
PO—PURCHASE ORDER

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F—FACTORY PERFORMANCE REPORT NO.  
C—PRELIMINARY FLIGHT TEST

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**MONTHLY CHART**  
**CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE**

GENERAL FORM

PAGE 9

(REVISED)  
DATE: 1 June 1944

| MODEL & MFR.<br>ENGINE                | ENG. RATINGS<br>NORMAL/ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF S. L. | SPEEDS<br>HIGH/ALT./B.P.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CELL-1/T<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>90 OBS.<br>LAND OVER<br>90 OBS. | RANGE with FUEL with BOMBS at      |                                     |                                    | WEIGHTS<br>EMPTY<br>WEIGHT<br>DESIGN GROSS<br>WEIGHT | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>TOTAL LBS. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE | REFERENCE                     |
|---------------------------------------|------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|------------------------------------|-------------------------------------|------------------------------------|------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|----------------------|-------------------------------|
|                                       |                                                                  |                                     |                                                              |                                                               | SPEEDS & POWER                     |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               | MAXIMUM<br>NORMAL<br>(WITH THROPS) | NO. LBS.<br>NORMAL<br>(WITH THROPS) | MAXIMUM<br>NORMAL<br>(WITH THROPS) |                                                      |                                           |                                                          |                      |                               |
| XP9-2A (CG-14)<br>(2) 1-1440-7<br>- 2 | 200/ S.L.<br>200/ S.L.<br>200/ S.L.                              | 100<br>150<br>50                    | -<br>-<br>-                                                  | -<br>-<br>-                                                   | -<br>-<br>-                        | -<br>120<br>-                       | -<br>NONE<br>-                     | 5731<br>-<br>9090                                    | AS<br>A-CVE                               | NONE<br>NONE                                             | -<br>NONE            | SPOC. 15296                   |
| XP9-2B (CG-14)<br>(2) B-755-9<br>- 1  | 225/ S.L.<br>245/ S.L.<br>-                                      | 110<br>150<br>50                    | 2/1000<br>-<br>-                                             | 1492<br>-<br>-                                                | -<br>- / 80 / -<br>191/80/ -       | -<br>125<br>80                      | -<br>NONE<br>-                     | 6013<br>-<br>9000                                    | AS<br>A-NVE                               | NONE<br>NONE                                             | NONE                 | WADO RS-<br>PORT NO.<br>1575- |
| XP9-3 (CG-15A)<br>(2) B-755-9<br>- 1  | 225/ S.L.<br>245/ S.L.<br>-                                      | 114<br>180<br>58                    | 2/1000<br>-<br>-                                             | 1855<br>-<br>-                                                | -<br>- / 80 / -<br>207/ 80 / -     | -<br>120<br>80                      | -<br>NONE<br>-                     | 5933<br>-<br>9000                                    | AS<br>A-CVE                               | NONE<br>NONE                                             | NONE                 | WADO RS-<br>PORT NO.<br>1575- |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |
|                                       |                                                                  |                                     |                                                              |                                                               |                                    |                                     |                                    |                                                      |                                           |                                                          |                      |                               |

NOTES:  
AC—AIR CORPS  
DA—DEFENSE AID  
PO—PURCHASE ORDER

A—ACCEPTANCE PERFORMANCE TEST RUN AT FACTORY  
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C—PRELIMINARY FLIGHT TEST

Prepared by: Technical Data Laboratory, Engineering Division

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MONTHLY CHART  
**CONFIDENTIAL AIRPLANE CHARACTERISTICS & PERFORMANCE**

POWER DRIVEN CONTROLLABLE BOMBS

PAGE 10

(REVISED)  
DATE: 1 May, 1944

| MODEL & MFR.<br>ENGINE            | ENG. RATINGS<br>NORMAL ALT.<br>MIL. CRIT. ALT.<br>TAKE-OFF / S. L. | SPEEDS<br>HIGH/ALT./H.P.<br>LANDING | CLIMB<br>TIME TO FT.<br>SERV. CEIL.<br>CEIL.-1/2<br>ENGS. OUT | T. O. & LAND<br>T. O. OVER<br>50' OBS.<br>LAND OVER<br>50' OBS. | RANGE with FUEL with BOMBS at WEIGHTS  |                                        |                           | DIMENSIONS<br>SPAN<br>LENGTH<br>WING AREA | ARMAMENT<br>NO. OF GUNS<br>-CAL.-DIA. OF<br>AMM. PER GUN | COMBAT PROT.<br>TYPE          | REFERENCE |                                               |                                                       |
|-----------------------------------|--------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------|----------------------------------------|---------------------------|-------------------------------------------|----------------------------------------------------------|-------------------------------|-----------|-----------------------------------------------|-------------------------------------------------------|
|                                   |                                                                    |                                     |                                                               |                                                                 | MAXIMUM<br>NORMAL<br>(WITH MAX. BOMBS) | MAXIMUM<br>NORMAL<br>(WITH MAX. BOMBS) | NONE<br>NORMAL<br>MAXIMUM |                                           |                                                          |                               |           | WT. EMPTY<br>WEIGHT<br>DESIGN GROSS<br>WEIGHT |                                                       |
| XBQ-1 FLEETWINGS<br>Two XC-405-7  | 225/17000<br>250/S.L.                                              | 222/17000/<br>450<br>77.5           | 23.1/17000<br>29500<br>24000                                  | 3480<br>-                                                       | 1706/170/-                             | (USED IN BOMB CONDITION)               | 2000                      | 7613                                      | 45'2"<br>28'10"<br>203 Sq. Ft.                           | NONE                          | NONE      | SPEC. H-56<br>Rev. D.                         |                                                       |
| AC-29834 1                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-1 FLEETWINGS<br>Two XC-405-7  | 225/17000<br>250/S.L.                                              | 209/17000/<br>450<br>77.5           | 18.3/17000<br>29500<br>24000                                  | 1670<br>-                                                       | -                                      | (USED IN FERRY CONDITION)              | NONE                      | 6225                                      | 45'2"<br>28'10"<br>203 Sq. Ft.                           | NONE                          | NONE      | AS ABOVE<br>All Performance is estimated.     |                                                       |
| AC-29834 1                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-2A FLEETWINGS<br>Two R-680-13 | 280/S.L.<br>295/S.L.                                               | 179/S.L./-<br>-                     | 12.9/10000<br>16300                                           | 2850<br>-                                                       | 8.5 hr./188/-                          | (USED IN BOMB CONDITION)               | 226                       | 2000                                      | 4130<br>7606                                             | 48'7"<br>28'0"<br>236 Sq. Ft. | NONE      | NONE                                          | SPEC. H-57<br>Rev. B.                                 |
| AC-29834 1                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-2A FLEETWINGS<br>Two R-680-13 | 280/S.L.<br>295/S.L.                                               | 179/S.L./-<br>74                    | 14.0/10000<br>16600                                           | 2295<br>-                                                       | 2955/-/-                               | (USED IN FERRY CONDITION)              | NONE                      | 8017 at P. O.                             | 4611<br>8062<br>8062<br>NONE                             | 48'7"<br>28'0"<br>236 Sq. Ft. | NONE      | NONE                                          | SPEC. H-57<br>Rev. B<br>All Performance is estimated. |
| AC-29834 1                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-3 FAIRCHILD<br>Two V-770-15   | 450/S.L.<br>450/2000<br>520/S.L.                                   | 220/12000/<br>900<br>96             | -<br>14000                                                    | 4200<br>-                                                       | 1500/203/75%                           | (USED IN BOMB CONDITION)               | 500<br>500                | 4000<br>4000                              | 7686<br>15340<br>15340                                   | 52'9"<br>36'2"<br>376 Sq. Ft. | NONE      | NONE                                          | SPEC. H-57<br>Rev. A<br>Rev. A                        |
| AC-32134 2                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-3 FAIRCHILD<br>Two V-770-15   | 450/S.L.<br>450/12000<br>520/S.L.                                  | 220/12000/<br>900<br>92             | -<br>16000                                                    | 3500<br>-                                                       | 2900/197/75%                           | (USED IN FERRY CONDITION)              | 800<br>800                | NONE                                      | 8038<br>11203<br>NONE                                    | 52'6"<br>36'3"<br>375 Sq. Ft. | NONE      | NONE                                          | SPEC. 79000-<br>C<br>Rev. A.                          |
| AC-32134 2                        |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-4 INTERSTATE<br>Two XC-435-2  | 220/S.L.<br>220/S.L.                                               | 162/S.L./<br>440<br>66              | 10.5/5000<br>10000                                            | Catapult<br>-                                                   | 125/172/100%                           | (USED IN BOMB CONDITION)               | 100<br>100                | 2000<br>2000                              | 6514<br>6314                                             | 48'0"<br>35'8"<br>371 Sq. Ft. | NONE      | NONE                                          | NAVY SD-<br>315.                                      |
| Navy 2                            |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-4 INTERSTATE<br>Two XC-435-2  | 220/S.L.<br>220/S.L.                                               | 152/S.L./<br>440<br>58              | 7/5000<br>13000                                               | 950<br>-                                                        | 375/152/100%                           | (USED IN FERRY CONDITION)              | 100<br>100                | NONE                                      | 4765<br>4765<br>NONE                                     | 48'0"<br>35'8"<br>371 Sq. Ft. | NONE      | NONE                                          | NAVY SD-<br>315.                                      |
| Navy 2                            |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-5 INTERSTATE<br>Two XC-805-2  | 450/S.L.<br>450/S.L.                                               | 227/S.L./<br>900<br>82              | 7/5000<br>13500                                               | 1165<br>-                                                       | 1070/227/100%                          | (USED IN BOMB CONDITION)               | 350<br>350                | 2000<br>2000                              | 10268<br>10268<br>10268                                  | 48'0"<br>35'8"<br>371 Sq. Ft. | NONE      | NONE                                          | NAVY SD-<br>326.                                      |
| Navy 2                            |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |
| XBQ-5 INTERSTATE<br>Two XC-805-2  | 450/S.L.<br>450/S.L.                                               | 185/S.L./<br>900<br>81              | 9/5000<br>11000                                               | 1140<br>-                                                       | 1180/185/100%                          | (USED IN BOMB CONDITION)               | 480<br>480                | NONE                                      | 9797<br>9797<br>NONE                                     | 48'0"<br>35'8"<br>371 Sq. Ft. | NONE      | NONE                                          | NAVY SD-<br>326.                                      |
| Navy 2                            |                                                                    |                                     |                                                               |                                                                 |                                        |                                        |                           |                                           |                                                          |                               |           |                                               |                                                       |

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AC-AIR CORPS  
DA-DEFENSE AID  
PO-PURCHASE ORDER

• GROUND RUN

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