

CONFIDENTIAL
JULY 1942

29

BU. OF AERO., NAVY DEPT.
PERFORMANCE DATA

MODEL GH-1

| | | | | | | |
|--------------------------------|-------------------|--|--|----------|--|--|
| | TRANSPORT | | | | | |
| GROSS WEIGHT LBS | 4350 | | | | | |
| WEIGHT EMPTY " | 2910 | | | | | |
| FUEL GALS. | 83 | | | | | |
| GUNS/RDS. AMM. | NONE | | | | | |
| " " " | NONE | | | | | |
| WING LOADING | 20.7 | | | | | |
| POWER LOADING | 10.9 | | | | | |
| ENGINE | R985-AN-6 (D. D.) | | | | | |
| ENGINE RATING (BHP/RPM/ALT) | NORMAL | | | MILITARY | | |
| | 400/2200/SL-5500 | | | | | |
| | 450/2300/T0 | | | | | |
| ENG. RAT'S FOR PERK | NORMAL | | | | | |
| VM-SEA LEVEL MPH | 173 | | | | | |
| - 5500 (NORM.) " | 183 | | | | | |
| - 6100 " | 184 | | | | | |
| - 10000 " | 179 | | | | | |
| - 15000 " | 171 | | | | | |
| - " | | | | | | |
| - " | | | | | | |
| - " | | | | | | |
| - " | | | | | | |
| CLIMB-S.L. FT/MIN | 980 | | | | | |
| - " | | | | | | |
| TIME-10000' MIN | 10.9 | | | | | |
| -20000' " | | | | | | |
| SERVICE CEIL. FT | 21700 | | | | | |
| VS-GR. WEIGHT MPH | 68 | | | | | |
| -LESS FUEL " | 64 | | | | | |
| END/60% VM | 6.4 | | | | | |
| /75 " 5500 | 4.6 | | | | | |
| /90 " " | | | | | | |
| /VM " " | 1.7 | | | | | |
| MAX END/VAV* | | | | | | |
| " RANGE/VAV* MI/MPH | 720/103 | | | | | |
| TAKE-OFF-CALM FT. | 695 | | | | | |
| (LAND)-15 KN. " | 422 | | | | | |
| -25 KN. " | 276 | | | | | |
| TAKE-OFF (SEA) SEC. | | | | | | |

*AT 1500 FT.

REMARKS

DATA FROM CHART OF JULY 1942 - Range and Endurance figures recomputed incorporating a suitable increase in S.F.C. to conform with past experience.

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SHEET 1 OF 2

MODEL GH-1

BU. OF AERO., NAVY DEPT.
GENERAL DATA

CONFIDENTIAL
JULY 1942

MODEL GH-1

GENERAL

GROSS WEIGHT _____ LBS. C.G. _____ % M.A.C. C.G. FROM T. L. _____ INS.
MAX. CENTER OF GRAVITY RANGE _____ TO _____ % M.A.C.

SPAN _____ 38'-0" HEIGHT, LEVEL _____ 11'-9"
" , FOLDED _____ " , ON WHEELS _____
LENGTH, LEVEL _____ 26'-2" " , " " , FOLDED _____
" , ON WHEELS _____ " , HOIST. ATTITUDE _____

WING AREA _____ 210 SQ. FT. M.A.C. _____ 69.6 INS.
WING SECTION _____ NACA 2R - 12
2

DISP, MAIN FLOAT _____ LBS. DISP, AUX. FLOAT _____ LBS.
BEAM, MN. FL., HULL _____

PROPELLER

TYPE _____ CONSTANT SPEED _____ NO. OF BLADES _____ 2
DIAMETER _____ 8'-3" BLADE DES. NO. _____ 6167A-15

FUEL TANKAGE

FIXED TANKS (PROTECTED) _____ GALS. TOTAL, FIXED TANKS _____ 151 GALS.
" " (UNPROTECT) 151 GALS. " , " (PROT. REMOVED) _____ GALS.
AUX. TANKS, DROPPABLE _____

OIL TANKAGE

TOTAL (_____, UNPROTECT.) _____ 8 GALS. TOTAL (PROT. REMOVED) _____ 8 GALS.

PROV. FOR BOMBS, ETC.

NONE

REMARKS