



ROYAL CANADIAN NAVY

AIRCRAFT
GENERAL INFORMATION
DATA

ROTARY WING

BELL HELICOPTER — HTL-6
VERTOL HELICOPTER — HUP-3
SIKORSKY HELICOPTER — HO4S-3
SEA KING HELICOPTER — CHSS-2

FIXED WING

TRACKER — CS2F-1
TRACKER — CS2F-2
EXPEDITER — C45
SILVER STAR — T33

DIMENSIONS

1. WINGS SPREAD -

SPAN 69'-8"
HEIGHT 16'-3.5"
LENGTH 42'-0"
TREAD 18'-6"

2. WINGS FOLDED -

SPAN 31'-8"
HEIGHT 16'-3.5"
LENGTH 42'-0"
TREAD 18'-6"

NOTE

TO FOLD WINGS - A CLEARANCE
OF AT LEAST 31' 8"

ELECTRONICS

JULIE & SONO-HOMER
AN/SSQ-28 SONOBUOY
AN/APX-25 SIF
AN/ARN-6 RADIO COMPASS
AN/APS-38A RADAR
AN/AIC-8 INTERCOM
AN/ARR-26 SONOBUOY RECEIVER
AN/APN-22 RADAR ALTIMETER
AN/ARN-21B TACAN
AN/ARA-25 UHF D/F
AN/ARC-2 H.F. TRANS/RECEIVER
AN/ARC-5 RADIO RANGE
IC/VRW-7 RECORDER
AN/ASQ-8 M.A.D.
AN/UPD-501 RADAR D/F
AN/ARC-27A UHF TRANS/RECEIVER
ELECTRICS AND INSTRUMENTS
PI AUTO PILOT
AN/AVQ-2C SEARCHLIGHT
J2 COMPASS SYSTEM
C70206 SAFE FLIGHT COMPUTER
C2 COMPASS SYSTEM
10 BOSCH TIE-IN

ARMAMENT

6-AERO 148 BOMB RACKS(MAIN PLANE)
1-MK 51 BOMB RACKS(BOMB BAY)
1-MK 8-O BOMB SHACKLE(BOMB BAY)
16-SONOBUOY LAUNCHERS NACELLES
2-PRACTICE DEPTH CHARGE
DISPENSER NACELLES
1-RETRO EJECTOR(FUSELAGE)

WEIGHTS

MAXIMUM RECOMMENDED GROSS WTS.
ARE AS FOLLOWS -

FIELD TAKE OFF 24,500 lb.
FIELD LANDING 23,000 lb.
CATAPULTING 24,500 lb.
ARRESTED LANDING 21,800 lb.

CENTRE OF GRAVITY LIMITATIONS

AFT - 220.94 INCHES AFT OF
REFERENCE DATUM WITH
LANDING GEAR RETRACTED
AND MAD BOOM EXTENDED.

FORWARD - 214.74 INCHES AFT OF
REFERENCE DATUM WITH
LANDING GEAR EXTENDED
AND MAD BOOM RETRACTED

POWER PLANT

No AND MODEL (2)983C9HEI
MFGR..... UNITED AIRCRAFT
under license of
Curtiss-Wright Corporation.
ENGINE LENGTH.....50.05 inches
ENGINE DIAMETER.....55.75 inches

RATINGS

TAKE-OFF(5 min.) 1525 BHP 2800 RPM
MILITARY(30 min.) 1425 BHP 2700 RPM
NORMAL(Continuous) 1275 BHP 2500 RPM

FUEL AND OIL

<u>GALS</u>	<u>No. TANKS</u>	<u>LOCATION</u>
433	6	Port & Stbd. Wings

FUEL SPECIFICATIONS AND GRADES
ARE AS FOLLOWS -
3 GP -25C 115-145 GRADE
OR 100-130 GRADE
(using limited power)

OIL

<u>GALS</u>	<u>No. TANKS</u>	<u>LOCATION</u>
10.25 each	X 2	ENG NACELLE

OIL SPEC. 3-GP-320 or 100b
GRADE 1100

TRACKER

CS2F-1

1 MAY 1963

DIMENSIONS

1. WINGS SPREAD -

SPAN.....72'-1"
HEIGHT.....16'-3.5"
LENGTH.....42'-0"
TREAD.....18'-6"

2. WINGS FOLDED -

SPAN.....32'-10.5"
HEIGHT.....16'-3.5"
LENGTH.....42'-0"
TREAD.....18'-6"

NOTE

TO FOLD WINGS - A CLEARANCE
OF AT LEAST 32'-10.5"

ELECTRONICS

JULIE AND SONO-HOMER
AN/55Q-2B SONOBUOY
AN/APX-25 SIF
AN/ARN-6 RADIO COMPASS
AN/APN-502 RADAR
AN/AIC-8 INTERCOM
AN/ARR-26A SONOBUOY RECEIVER
AN/APN-22 RADAR ALTIMETER
AN/ARN-21B TACAN
AN/ARA-25 UHF D/F
1854 B H.F. TRANS/RECEIVER
AN/ARC-5 RADIO RANGE
RC-28/UNH-6 AUDIO RECORDER
AN/ASQ-8.....M.A.D.
AN/UPD-501.....RADAR D/F
AN/ARC-27A.....UHF TRANS/RECEIVER
ELECTRICS AND INSTRUMENTS
PB20F.....AUTO PILOT
AN/AVQ-2C SEARCHLIGHT
J2 COMPASS SYSTEM
C70206 SAFE FLIGHT COMPUTER
C2 COMPASS SYSTEM

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TRACKER

CS2F-2

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