

DATA RETRANSMITTER OUTFIT TRD**TRD****SUMMARY OF DATA****PURPOSE**

To receive various coarse and fine magflip inputs from either SINS or Mk 19 compass and to retransmit synchro type outputs. The outfit also retransmits Ship's speed information.

BRIEF DESCRIPTION

The Retransmitter Data Synchro Outfit TRD accepts coarse and fine Roll, Pitch and Ship's Head motions from magflips in SINS or Mk 19 compass and retransmits synchro information via coarse and fine Control Transmitters, Control Transformers, Control Differential Transmitters, Torque Transmitters or Resolvers, to various weapon systems. The outfit also accepts inputs from the ship's log and retransmits ship's speed to a computer in the form of resolver signals.

MAJOR UNITS

NSN 6110-99-924-6334	Cabinet, Electrical Equipment
NSN 6110-99-924-7732	Drawer A — Servo Amplifiers and Power Supplies
NSN 5990-99-924-7733	Drawer B — Roll Gear Assembly
NSN 5990-99-924-7733	Drawer C — Pitch Gear Assembly
NSN 6605-99-924-7374	Drawer D — Ship's Head Gear Assembly
NSN 5945-99-924-7373	Drawer E — Relay Assembly

POWER REQUIREMENTS

115 V 400 Hz 500 W single phase
115 V 60 Hz 80 W single phase

HANDBOOK

BR 2367(2)

ESTABLISHMENT LIST

S 1592

INSTALLATION SPECIFICATION

B 1122