OS AP-1 PROPORTIONAL R/C SYSTEM INSTRUCTION

OS AP-1 PROPORTIONAL R/C SYSTEM is the single proportional system finally made out of long-period development and experiment and the most modern electronics of R/C. Every transmitter, receiver and servo are individually adjusted by the factory and require no re-adjustment.

Anyone can now enjoy "PROPORTIONAL R/C", even if they have no knowledge of electronics. There is no soldering or wiring for you to do, just connect the 4 plugs, and you are ready to go.

OS AP-1 proportional R/C system contains the following things.

1. Proportional Transmitter APT-1 (With Nickel Cadmium Battery)
2. Proportional Receiver APR-1
3. Proportional Servo SP-203 (for Rudder or Aileron operation)
4. Motor Control Servo SP-102M (for Motor control)
5. Battery (Nickel Cadmium pack) (for Receiver & Servo)
6. Wired Unit (for Receiver & Servo)
7. Battery Charger C-30 (for Transmitter & Receiver Battery charging)

OPERATION TEST

READ INSTRUCTION COMPLETELY BEFORE TURNING SWITCH ON THE TRANSMITTER OR RECEIVER.

* Firstly, fully charge the transmitter and receiver batteries. (Ref. BATTERY & CHARGING:)
* OS proportional R/C components are completely pre-wired. Connect connectors No.1 thru 4 refering to Fig.1, being sure all switches are in the OFF position (see Fig.2).
* After making all connections, turn ON the receiver switch.
  Note: - The crank wheel of SP-102M revolves 1/3 turn and stops.
  - The output plate of SP-203 moves one way slightly and then return. (This point is neutral position for this plate)
  - If batteries are not completely charged or if connections are poor, the output plate will remain OFF center.
  - Swinging of output plate is caused by insufficient charge of batteries.
* Transmitter switch to ON position, the output plate of SP-203 may move a little. In this case, turn trim lever (see Fig. 5) and adjust it to "Neutral" position. That is to say, the output plate should remain at the same position when switch of transmitter APT-1 is both ON and OFF.
* Finaly, confirm the operation of servo. Swing the control lever right and left, and assure the output plate of servo will follow the movement. When the Motor control button pushed and parted at once, the crank wheel of SP-102M moves at the next stop. This servo is a sequence 3P servo, and it will keep revolving if the button holds pushed on.