

ROBOTOW INSTRUCTIONS

MILLENNIUM MODEL 18 VOLT ROBOTOW



BATTERY MOUNTING - METHOD 1

1. LAY ROBOTOW UPSIDE DOWN ON A BENCH OR CLEAN SURFACE.
2. ATTACH BATTERY BY INSERTING THE END WITH THE RECEPTACLE INTO THE PLUG LOCATED ON THE FRAME OF THE ROBOTOW. LINE UP THE MOUNTING BRACKETS WITH HOLES TO MATCH THE HOLES ON THE ROBOTOW FRAME MAKING SURE IT IS SEATED COMPLETELY.
3. FASTEN BATTERY IN PLACE BY POSITIONING PIN THROUGH BRACKET ON BATTERY.
4. CHECK TO MAKE SURE ALL CONNECTIONS ARE TIGHT.

BATTERY MOUNTING - METHOD 2

1. ATTACH ROBOTOW TO NOSE GEAR OF AIRCRAFT AS DESCRIBED ON ADAPTER MOUNTING SECTION WITHOUT MOUNTING THE BATTERY FIRST. THIS WILL LIGHTEN THE ROBOTOW FOR EASIER POSITIONING IF DESIRED.
2. FOLLOW STEPS 2 THROUGH 4 ABOVE.

CHARGING INSTRUCTIONS

1. PLUG THE ROBOCHARGE UNIT (120V) INTO A PROPERLY GROUNDED 120 VOLT WALL OUTLET IN A DRY LOCATION.
2. PLUG CHARGE CORD INTO SMALL RECEPTACLE ON BATTERY PACK.
3. RECHARGE OFTEN AND AFTER EVERY USE (WHEN POSSIBLE). THERE IS NO MEMORY EFFECT FROM THESE BATTERIES AND THEY WANT TO BE CHARGED CONTINUOUSLY.
4. NEVER LEAVE BATTERY DISCHARGED FOR LONG PERIODS OF TIME OR IT MAY RESULT IN DAMAGE TO THE BATTERY.
5. ROBOCHARGE UNIT SHOULD BE LEFT ON CHARGE CONTINUOUSLY WHEN NOT IN USE.
6. IF YOU UNPLUG THE ROBOCHARGE UNIT OR TURN OFF POWER TO THE SOCKET, REMOVE THE CHARGE CORD CONNECTED TO THE BATTERY. BATTERY COULD BE DAMAGED IF LEFT CONNECTED.

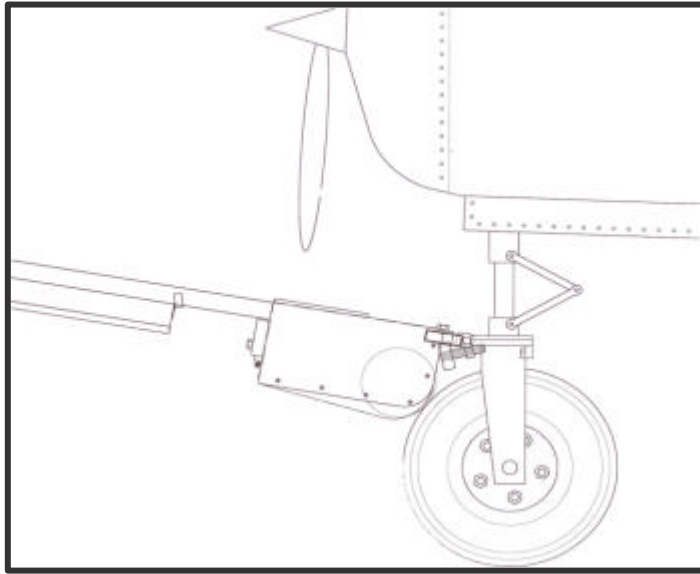


FIGURE A

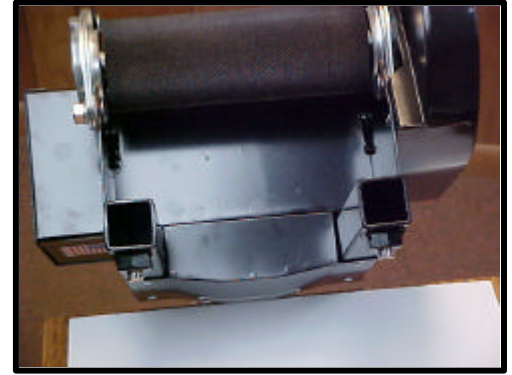


FIGURE B

ADAPTER MOUNTING

1. PLACE ADAPTER BARS INTO THE OPEN ENDS OF THE ROBOTOW FRAME (FIGURE B ABOVE) AND LIGHTLY TIGHTEN SET SCREWS INTO RECESS IN ADAPTER AT THIS TIME.
2. APPROACH AIRCRAFT FROM THE FRONT ALLOWING ADAPTER TO FIT NOSE GEAR AS NEEDED ACCORDING TO PLANE TYPE.
3. SECURE ADAPTER TO GEAR DEPENDING ON ADAPTER TYPE AND TIGHTEN ACCORDINGLY.
4. TIGHTEN THE SET SCREWS IN THE FRAME OF THE ROBOTOW COMPLETELY.
5. SOME ADAPTERS FIT OVER THE NOSE GEAR FORK AS PICTURED ABOVE (FIGURE A) AND OTHER ADAPTERS SCREW INTO PLACE USING PINS PROJECTING FROM GEAR.

OPERATION

1. PULL TRIGGER QUICKLY TO CHECK FOR POWER WHILE DRUM IS ABOVE NOSE WHEEL (NOT TOUCHING OR YOU MAY REMOVE SOME RUBBER).
2. CHECK ROTATION OF THE DRUM TO VERIFY DIRECTION PLANE WILL MOVE. SWITCH ABOVE THE TRIGGER WILL CHANGE DIRECTION.
3. PULL TRIGGER WHILE YOU KEEP DOWN PRESSURE ON THE NOSE WHEEL WITH THE DRIVE DRUM IN CONTACT WITH NOSE WHEEL.
4. GUIDE PLANE CAREFULLY TO LEVEL GROUND AND RELEASE TRIGGER.
5. THE SWITCH IS VARIABLE SPEED FOR PRECISE CONTROL.

HINTS

1. KEEP CORRECT PRESSURE IN ALL TIRES FOR MAXIMUM OPERATION.
2. MOVE MAIN GEAR TIRES OVER RAILS AND DOOR TRACKS AT A SLIGHT ANGLE ONE TIRE AT A TIME WHEN POSSIBLE.