

# **Section 4**

## **Ground Handling Wheels**

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**Procedures covered in this section:**

Drill axles; assemble ground handling wheels; ground handling the aircraft.

**Cards used in this section:**

None

**Prints used in this section:**

E37-2000

**Templates used in this section:**

None

**Tools required for this section:**

Air or electric drill, or drill press

Pliers

Ruler

Drill bit of the following size: 1/8"



**Photo #1**

Use print E37-2000 when constructing the ground handling wheel assemblies.  
Parts as received from RotorWay International.



**Photo #2**

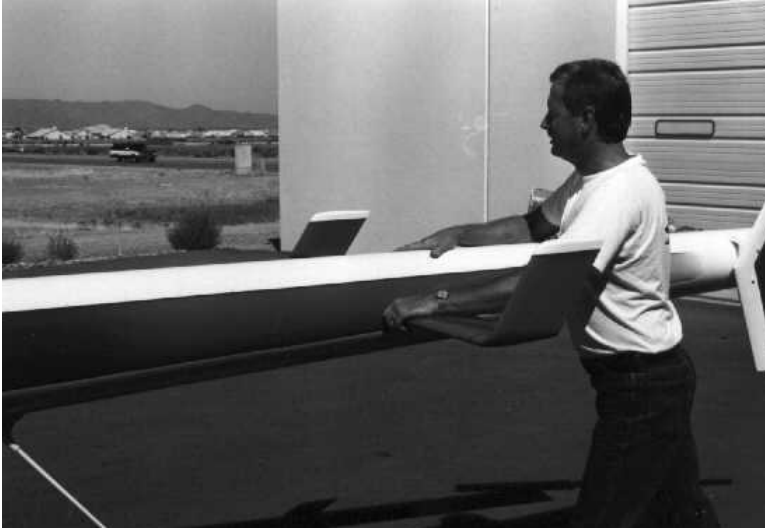
Drill the axles with a 1/8" bit (for the cotter pins that hold the wheels), then assemble the wheels, washers, and cotter pins according to the print. This photo shows the completed ground handling wheel assembly, in place on the rear landing gear.  
Note: Install the plastic end caps after painting.



**Photo #3**

Another view of the completed ground handling wheel assembly, in place on a finished aircraft.





**Photo #4**

When ground handling the completed aircraft, use one hand to press down on the tail boom at the third bulkhead. Guide with the other hand, placing it on the horizontal trim fin close to the tail boom.



**Photo #5**

The main rotor blade should be parallel to the tail boom when ground handling the aircraft. It can be held as shown.

Note: It is easier to move the ship with the ballast weight in the rear position.