



HARTZELL

PROPELLER INC.

RECOMMENDED PROPELLER OVERHAUL TRAVELERS

Use of Hartzell Travelers (Work Orders)

Some Hartzell propeller overhaul manuals recommend the use of a packet of travelers or work orders to document the work performed when overhauling a Hartzell propeller. Samples of these travelers are provided in some Hartzell manuals. These sample travelers are “examples” of what travelers should represent and are not always updated as procedures change.

To correct this, Hartzell created a packet of travelers for use when overhauling Hartzell propellers. On the Hartzell website the files are provided in a .pdf format. The files are provided on the Hartzell Technical Library CD in a spreadsheet format. The spreadsheet format allows a facility to modify the spreadsheet to best suit their facility.

A good traveler: (1) documents the procedures performed, (2) specifies the order in which procedures should be performed, (3) provides sign-off for the person performing the procedures, (4) provides references to the appropriate overhaul manuals.

There are procedures performed during the overhaul of a propeller that must be completed in a specific order. These procedures are identified on the Hartzell traveler. Example: “A propeller must have all rework completed before the etch process and the etch process must be completed before penetrant inspection.”

However, there are also procedures performed during the overhaul of a propeller that can be completed in an order that best suits a facility. Example: “Dimensional inspections on the pitch change knob may be performed at the beginning of the overhaul process or later in the process. When performed at the beginning of the process, the inspections may scrap the propeller before too much labor is put into the process.”

The new travelers will be revised by Hartzell Propeller Inc. when there is a change to an overhaul procedure that would affect the traveler.

Hartzell recommends the use of these travelers in any facility that currently is not using a traveler system. If a facility currently has a traveler system, then Hartzell recommends using these travelers as a reference for the appropriate procedures to be performed during an overhaul.

If you have any questions concerning these travelers, please contact Hartzell Product Support Department at techsupport@hartzellprop.com or (937) 778-4379.