Overview: Power through Simplicity

Most shops struggle to give customers a detailed, accurate breakdown of parts and labor billed, easily and efficiently.

- **Detailed** because customers deserve to know 'Where did all that money go?'.
- **Accurate** because you need to ensure that you are not giving away your hard-earned time and inventory through avoidable errors.
- **Easy and efficient** because you can't spend $20 of time and effort to track $10 worth of Parts & Labor. TSO makes tracking almost invisible

In an ideal world you would have an assistant shadowing every Tech, meticulously recording every part taken and every minute spent, on specifically which task ('Discrepancy") being worked on. And then neatly typing up those notes every day so that you always have an accurate, detailed, up-to-the-minute status report of parts and labor consumed by every plane in your hangar.

TSO is very close to the assistant that follows

- every **tech**, to record
- every **part** they take and
- every **minute** they spend, on
- every **plane**, and specifically on
- every **task** they are working on:

Every Part or Labor transaction is recorded in about 10 seconds, as the Tech walks out of the Parts Room.

Through clever use of Bar Code Printers, scanners and software, TSO almost-invisibly tracks all the detail that is normally hand written (and re-written, and mis-written) and puts it in a clearly-organized central repository of information to document the work done on each aircraft.

How is this possible?

When parts are initially received, TSO generates a unique barcoded label that is put on the part/bag before it goes on the shelf. Then the Tech just scans this label (along with their Employee ID and Tail #) as they take it from the parts room to put on a plane.
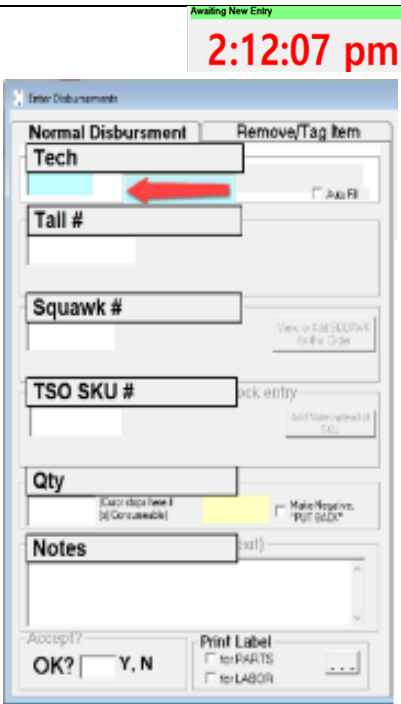
> To be practical, inventory labeling must be Fast and Easy. Unlike web-based software, TSO labels are printed directly and instantly - not downloaded. Therefore, parts can be received and barcoded in under 30 seconds per part. In one real-life example, *43 parts from Aircraft Spruce* were downloaded and labeled in *under 15 minutes* - from start to finish..

And **labor tracking** is even easier. In addition to Techs being able to scan a "Clock In/Out" bar code, the TSO eMail Reader allows them to simply talk into their phones and have that description of what they're doing be time stamped and entered into the TSO system without ever getting out from under the plane.

Disbursing parts or charging labor to a job is as easy as scanning the answer to these 5 questions:

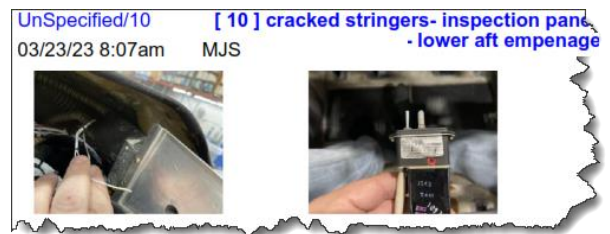| The 'Time Clock' screen is the focal point of Parts and Labor disbursed:	

Awaiting New Entry
 2:12:07 pm
 	
 Enter Disbursements
 Normal Disbursment · Remove/Tag Item
 Tech · Auto Fill
 Tail #
 Squawk # · View, or Add SQUAWK for this Order
 TSO SKU # · ock entry · Add Selec removed of TSO
 Qty · (Auto' dspc New if [s] Consumable) · Make Negative, "PUT BACK"
 Notes · (ext)
 Accept? OK? ▢ Y, N · Print Label · ▢ for PARTS ▢ for LABOR · ...
	All fields on this "Time Clock Entry" can be scanned with a handhelds scanner, from printed barcodes
	
	 Technician : Is just the Tech's Initials, which is their Employee ID
	
	 Tail # : Of the Plane being worked on.
	
	 Task : Each Task sheet is printed with a barcoded list of specific
	 (Squawk) tasks for that plane.
	
	 Our SKU : Techs scan the barcoded label on the part, which links back
	                             to *all the information about that part*.
	
	 Quantity : Automatically '1' for parts with a SN, or the Tech fills in the
	                             actual number taken if it's something like screws.
	
	 OK : Chance to cancel and re-enter. **Print Label:** Automatically print 2 labels:
	                                                       1) One as a 'hard copy' for the Tech Work sheet
	                                                       2) One for the box to verify that it was properly
	                                                              scanned, not just taken.

*So the time spent to **Fully Document all Parts Taken is only about 10 seconds. Similarly for Labor***	

That's it!
You can also enter Labor hours from your smartphone, which enters the same information above.

In addition, TSO allows you to take pictures and tag those images to each 'Time Clock Entry' to create a clean, organized, central repository of <u>all</u> the information you need to track for past, current future issues with each aircraft.

UnSpecified/10   [10] cracked stringers- inspection panc
 03/23/23 8:07am   MJS   - lower aft empenage

The following flyers show :
- QR Codes linking you to videos of actual users performing these tasks
  - Receiving and barcode-labeling incoming parts.
  - Scanning out parts to a plane
- Just some of the many reports

American Bonanza Society · Service Clinic · CONTINENTAL AEROSPACE TECHNOLOGIES The *American Bonanza Society* and *Continental Motors* use TSO to document Service Clinic findings.	The *American Bonanza Society* and *Continental Motors* use TSO at ABS Service Clinics to document and quantify issues with member aircraft. This dossier of concerns is the cornerstone of needed repairs at any shop, which is what you can do from the moment an aircraft comes in your door. Good for the Customer, Good for You.

Scan the QR code to see videos, sample reports, and more   .