PARCELL

Equipment Provisioning Assistant

Company Name: Parcell Company
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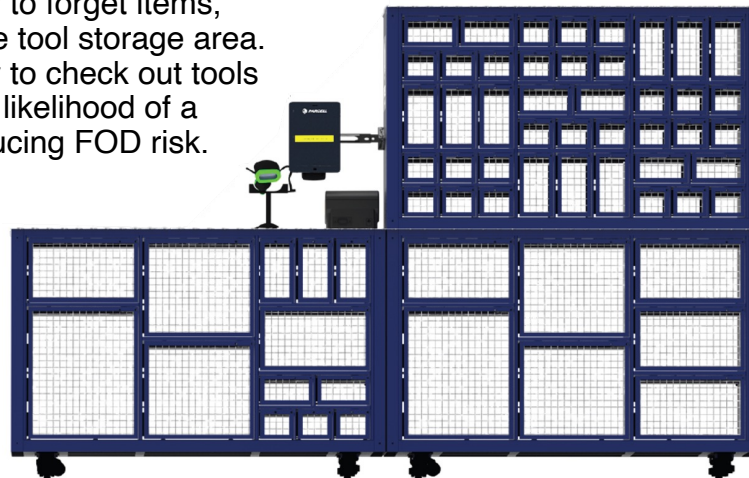## Intelligent Software for Aircraft Maintenance

Current maintenance information systems don't utilize advancements in predictive technology to optimize aircraft maintenance and repair. The Equipment Provisioning Assistant integrates and analyzes data from existing Air Force information systems to optimize tool checkout for Maintainers and Support Staff.

Features

- Integrates data from existing DAF information systems such as G081, ETIMS, TCMax®, etc.
- Uses historic tool transaction data to generate recommended equipment list
- Provides equipment list to Support Section in advance
    - Tools can be picked up at the tool counter as usual
    - OR can be delivered directly to work site
    - OR placed in Parcell's Smart Tool Crib for pickup

Problems Addressed

- Shortens Maintainer wait times at tool check-out and turn-in, allowing for more time on maintenance tasks.
- Reduces peak labor burden for support counter, transferring workload to less busy times.
- Maintainers are less likely to forget items, reducing return trips to the tool storage area.
- Maintainers are less likely to check out tools they don't need, reducing likelihood of a shortage of tools and reducing FOD risk.

Potential Applications

- Support Section tool area
- Expediter
- TDY activities

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TO Number:	33D7-47-85-21
Description:	OPN AND SERV MNL -- SWITCH CON
Scheduled TO Date/Shift:	DEC 06 2022 DAYS
Technician Name:	SGT JOHN SMITH

Recommended Tool List

Item Description	Qty
STREAMLIGHT W/ANTI ROLL RING	2
RAGS (5 PIECES + BAG)	1
CREW CHIEF TOOL BOX	1
TORQUE WRENCH, 40-200 WITH CASE	1

Additional Suggested Tools

Item Description	Qty
BATTERY	1
SOFTSHELL, DAVID CLARK	1