



# YULISTA



## CH-47 SUPPORT

### CH-47F Transportable Flight Proficiency Simulator (TFPS)

Yulista provided PM Cargo the engineering, manufacturing and aviation integration facilities for five Build-to-Print CH-47 Transportable Flight Proficiency Simulator (TFPS) Systems. This hardware / system deliverable of a DoD Acquisition Category (ACAT) 1D major weapon system training support device is required to train Army aviation / military pilots prior to deployment to wartime operations.

These simulators require a bill of material of over 2,000 line items, manufacturing and assembly of approximately 1,000 metal components, modification or manufacture of more than 500 wire harnesses and/or cable assemblies, and complex installation of electrical and mechanical components. These transportable simulators include an assortment of COTS components, aircraft components, and state-of-the-art graphics. The sixth and seventh Foreign Military Sales (FMS) units are currently in production for the Australian Army.



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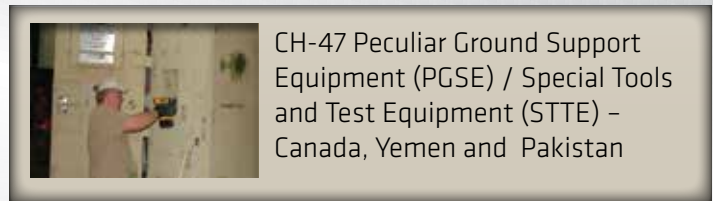
Yulista provides outstanding support in the following areas to the US Army Cargo Project Office:

## INTEGRATED LOGISTICS SUPPORT

Yulista logistics services include development, production and performance of ILS products and Field Services for CH-47 systems.

### Yulista logistics services include:

- Provisioning Documentation
- Technical Data/Publications Development/IETMs
- Packaging, Handling, Storage, and Transportation
- New Equipment Fielding and Manufacturing
- New Equipment Training Teams
- Field Maintenance
- Reliability, Availability, Maintainability Improvements
- Training Program Development
- Training Devices/Simulators
- Operator/Maintainer Training
- Supply Chain Management



## DESIGN AND SYSTEM INTEGRATION

Yulista provides Airframe, Armament, ASE, ATC, Avionics, Communications, Navigation, Sensors, Simulation, Test Sets, and Weapon Systems support to the CH-47 platform. The image below illustrates a number of projects that Yulista has developed, qualified, and fabricated over the past ten years.



**688 Total (105 FY08) CH-47D Components Overhauled via Alternated Part Supply Program (APSP) (XMNS, Rotor Heads, Shafts, ILCAs, etc.)**

**15 CH-47D Clam Shell Doors Developed, Qualified, and Fabricated**

**2 Special Tools and Test Equipment (STTE) Kits Developed and Fabricated and delivered to 1<sup>st</sup> & 2<sup>nd</sup> Unit F-Model**

**DLA Items**

- Mortise Latch Re-engineering
- Emergency Release Cargo Hook Re-engineering
- Door Strut Re-engineering
- Clamping Catch Re-engineering
- Flare Dispense Cable Fabrication

**Recapitalization (RECAP) of 21 CH-47D Aircraft**

**Center Console Fabrication**

**M-240 Ammo Cans**

**100 Adapter Plates Sets for Map Light relocation Developed, Qualified, and Fabricated**

**System Integration Lab Fabrication Support**

**10 STTE X30 Packages Complete and Delivered to Units**

**28 AN/ARC-231 Mod Kits to be Fabricated & Installed on 14 CH-47F Aircraft**

**50 CH-47F M4 Gun Mounts Developed, Qualified, and Fabricated**

**140 CH-47D Pedal Posts Fabricated**

**50 Ballistic Protection Panels Developed, Qualified, and Fabricated**

**23 MH-47G Aft Window Mounts Developed and Fabricated**

**450 CH-47D M4 Gun Mounts Developed, Qualified, and Fabricated**