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.
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.

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CH-47 Peculiar Ground Support Equipment (PGSE) / Special Tools and Test Equipment (STTE) – Canada, Yemen and Pakistan

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 1st & 2nd 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

23 MH-47G Aft Window Mounts Developed and Fabricated

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

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

10 STTE X30 Packages Complete and Delivered to Units

140 CH-47D Pedal Posts Fabricated

50 Ballistic Protection Panels Developed, Qualified, and Fabricated

Recapitalization (RECAP) of 21 CH-47D Aircraft

System Integration Lab Fabrication Support

Center Console Fabrication

M-240 Ammo Cans

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

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

CH-47 Support