

# RENK Systems Corporation

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## AEROSPACE PROJECTS

### Test Stands for the Apache AH-64A/D/E Helicopter

#### **Nose Gearbox Test Stands**

Northstar Aerospace  
McDonnell Douglas Helicopter  
(now The Boeing Company)  
Corpus Christi Army Depot

Timken Aerospace  
Fabritech Inc.  
GKN Westland  
The Boeing Company

**All Apache Nose Gearbox Test Stands in use  
have been designed and built by RENK Systems Corporation**

#### **Intermediate and Tail Rotor Gearbox Test Stands**

Corpus Christi Army Depot  
Timken Aerospace

GKN Westland  
The Boeing Company

**All Apache Intermediate and Tail Rotor Gearbox Test Stands in use  
have been designed and built by RENK Systems Corporation**

#### **Flexible-Helicopter Main Transmission Test Stand built by RENK Test Systems**

GKN Westland

#### **Main Transmission Test Stand built by RENK Test Systems**

The Boeing Company

#### **Face Gear Fatigue Test and Slow Roll Test Stand for Apache Gear Development**

The Boeing Company

### Other Aerospace Test Stands

#### **CH-53K Main, Intermediate and Tail, and Nose Gearbox**

Sikorsky Aircraft Corporation

#### **UH-60 Intermediate and Tail Rotor Gearbox**

Timken Aerospace

#### **UH-1 Main and Intermediate and Tail Rotor Gearbox**

Dowty Aerospace - *Sole source to RENK  
Systems Corporation by US Army*

#### **OH-58D Main Transmission, Tail Rotor Gearbox, and Freewheeling Shaft**

Corpus Christi Army Depot

#### **MD-500 Main and Tail Gearbox**

Aircraft Gear Corporation

#### **B-1B Accessory Drive Gearbox**

Speco

#### **CT-7 Prop Rotor Gearbox**

General Electric

## Other Aerospace Projects

### Sole Source Contracts

#### **Control Console Upgrade for UH60 Main Transmission Test Stand**

Corpus Christi Army Depot - *Sole source to RENK Systems Corporation by US Navy*

#### **Control Console and Drive Upgrade for UH60 Intermediate and Tail Rotor Gearbox Test Stand**

Corpus Christi Army Depot - *Sole source to RENK Systems Corporation by US Navy*

#### **Control Console and Drive Upgrade for UH60 Intermediate and Tail Rotor Gearbox Test Stand**

Corpus Christi Army Depot - *Sole source to RENK Systems Corporation by US Army*

#### **Control Console Upgrade for UH60 Main Transmission Test Stand**

Corpus Christi Army Depot - *Sole source to RENK Systems Corporation by US Army*

### **Gearboxes for...**

- Sikorsky S-76 Main Transmission Test Stand
- Sikorsky RAH-66 Comanche Helicopter Tail Rotor Gearbox Whirl Tower
- Bell Helicopter 222 Main Transmission Test Stand
- Bell Helicopter V-22 Prop Rotor Gearbox Test Stand
- GE Aircraft Engine Fuel Pump Test Stand
- Aircraft Engine Lube and Scavenge Pump Test Stand
- Aircraft Propeller Gearbox Test Stand
- Aircraft Counter-Rotating Propeller Gearbox Test Stand
- Aircraft Engine Fuel Pump Test Stand
- NASA/Transmission Technology Main Transmission Test Stand for Advanced Rotor Development



### **Control Consoles for UH1 Main Transmission Test Stand**

### **Casting Checking and Qualifying Fixtures for Sikorsky S-76 Transmission**

### **Aircraft Engine Torque Shaft Calibration Test Stand**

### **Gearbox Lubrication Systems for Aircraft Engine Test Cell**

#### ***Aerospace customers — in addition to those mentioned above — include...***

Bauer / Electro

Hamilton Standard

Rolls Royce Allison Engine

US Army, Fort Belvoir

Wellman Dynamics

Williams Research Corporation

***RENK Systems Corporation also offers  
PREVENTIVE MAINTENANCE, REPAIR, and SPARE PARTS SERVICES  
for all of our test stands and aerospace projects.***