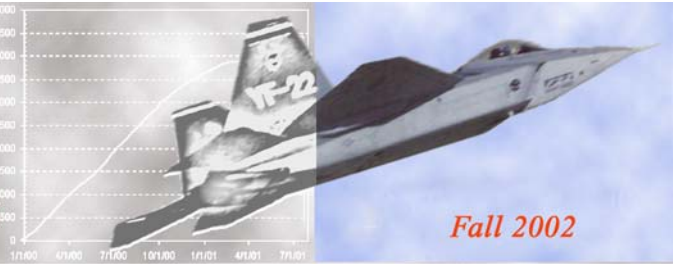
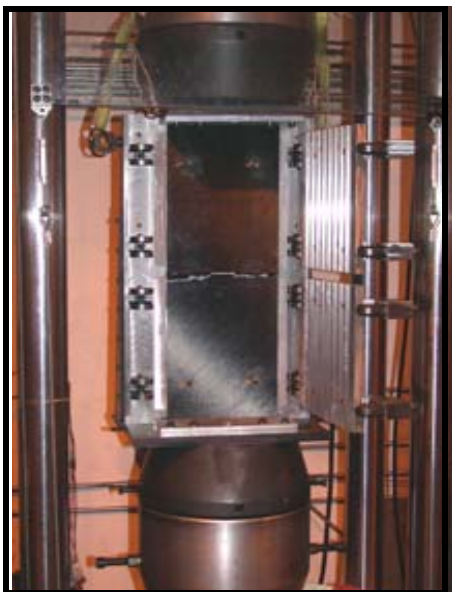


The Intec Update



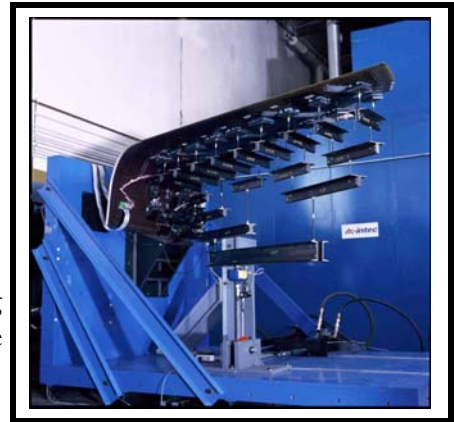
This large notch compression fixture was designed by Intec Design Engineer Jake Levine. The fixture is designed to prevent panel buckling up to 200 kips.

The fixture is adjustable for specimens 30" to 32" tall and up to 12" wide. It is also configurable to provide gage sections starting at 1/16" and increasing incrementally up to 2".



Web Based Test Monitoring

Intec's Web Based Test Monitoring system allows clients to participate in their Intec projects by remotely monitoring and interacting with near real time video sound and data.



The WBTM is part of Intec's longer term goal of providing a Virtual Test Lab to our clients that includes online access to program information along with real-time monitoring.

WBTM is separated into three portions, the Video/Sound Server, Test Data Server & Environmental Monitoring. To check this out log onto: http://www.in-tec.com/wbtm/wbtm_page.htm

Video/Sound Server: up to four cameras and microphones can be used to monitor a test. Client controlled pan and tilt cameras are available on request.

Data Server: up to 512 channels displayed in combinations of digital, or graphical indicators. Virtual channels can be configured to display both algebraic and logical combinations of actual data channels.

Environmental Monitor: to check current environmental exposure conditions or retrieve historical information.

To check it out, go to Intec's website @ www.in-tec.com, click on **WBTM** and then look to the examples area to see the demos. Please call for more details.

Intec Designs Three ProWall® Containers

Three new containers have been recently engineered specifically for military applications. The first, for transporting general cargo, was designed to comply with the US Army Logistics/Rapid Deployment initiatives. The second container is designed for transport of guided munitions (Cruise Missiles).



Cruise Missile Container

The third container is a multi-purpose, transportable container designed as a chemical warfare decontamination unit. This "Advanced Reconfigurable Container" (ARC) is for battle field and forward deployment use.

Additionally, Intec has designed the material (ProWall®) and manufacturing processes to comply with the Army environmental initiative "Army Green" to monitor materials and processes used by military contractors with the goal to reduce hazardous materials and emissions.

ProWall® containers have excellent damage tolerance and resistance to acids and alkalines, are waterproof and will withstand the standard aircraft solvents.

ProWall® containers pass the FAA burn test requirements FAR 25.853 & 25.855 and the Federal Motor Vehicle Safety Standards MVSS 302-Flammability of Interior Materials, 49 CER Part 571.

2nd FAA Symposium on Recommended Criteria & Guidelines for Developing Material & Process Specifications for Composites on FAA Certified Structures

A symposium of composite industry experts from small and large airframe manufacturers, material suppliers, independent test labs, and government agencies including DOD, NASA, and the FAA met in Chicago in an ongoing effort to jointly develop guidelines for material and process specifications for use on FAA certified structures. The goal is to simplify and coordinate methods and procedures to reduce cost, time and duplication of efforts.

During the meeting, the focus of the guideline was narrowed to initially produce an "M&P specification guideline" for controlling a unidirectional carbon fiber/epoxy prepreg product and producing test panels for specification testing.

Intec committed its resources to play a leading role in the development of material and process standards for composite materials. The current effort is focused under the Small Airplane Directorate and is intended to work with current MIL-17, SAE, and ASTM efforts. Some of the goals were:

- Greatly reduce the number of material and process specifications for identical material systems.
- Develop property databases that uniquely define a given material.
- Establish material batch testing and process monitoring sufficiently to minimize variability and preclude property changes over time.
- Reduce costs through common documentation and shared databases of basic material properties.

The proposed documents were assembled with help from numerous individuals across many areas of expertise. Joint funding from the FAA and NASA was used to contract the work and help conduct the workshop forum.

Intec offers a full range of material qualification services including:

- Consultation on developing material & process specifications.
- Consultation on appropriate test methods for qualification, allowables, and equivalency programs.
- Mil-17 & AGATE testing and data reduction.
- FAA liaison for material qualification.

PERSONAL PROFILE: MATT TAYLOR

Matt Taylor, Lead Program Engineer

Nice guy, smart, hard worker, quiet with a good sense of humor. These things are often said about Matt.



Matt first came to Intec in 1996. Starting as a Testing Technician Matt has risen through the ranks to become Intec's Lead Program Engineer reporting directly to Rod Wishart, Intec's Operations Manager. Matt's primary responsibilities are: Project Manager and oversight of the planning and scheduling groups for Intec.

Matt graduated from University of Washington in 1994 with a degree in Chemical Engineering. Matt feels he is lucky to be able to stay in the Pacific Northwest where he can really enjoy an outdoor lifestyle.

As a transplanted Montana boy, Matt enjoys being outdoors and takes every opportunity to backpack in the mountains, sail, and mountain bike.

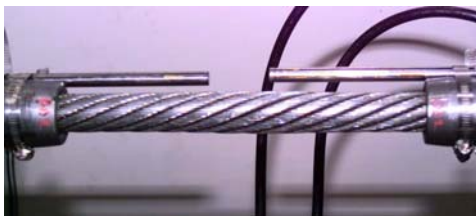
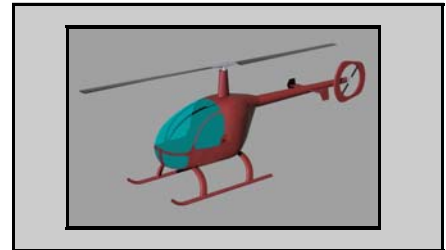
Matt is also an avid fly fisherman and one of Matt's goals is to do some more serious salmon fishing in Alaska.

Eagle 600 Sport Helicopter

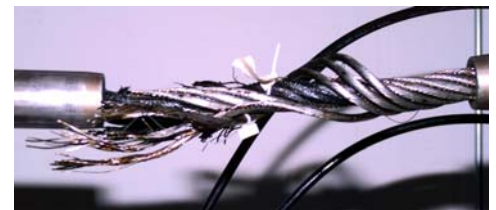
Intec was awarded a contract to develop a conceptual design and certification plan for a FAR 27 & FAR 21 certified 2-place helicopter.



This program, working closely with the FAA, will endeavor to use AGATE materials coupled with the latest Continental FADEC (Fully Authorized Digital Engine Control) fuel injected, certified engine and other upgraded systems.



Testing from Full Scale Components to Wire Cable.



Intec Qualifies for "MTAPP"

Intec was recently selected and approved by Mid Tec for the U.S. Air Force MTAPP program after a rigorous "Quality Control" and "Lean Manufacturing" qualification audit.



ISO D1-9000 Compliant
MI-1-45208 & MI-Q-9858
Boeing D1-4426 "CQS" Quality Standard
Sikorsky (Lab 9 Composites Testing Facility)
CCR, Defense Logistics Agency

Kaman Aerospace Corporation
Bell Helicopter QPS101 & BPS-4416
BPS 4511 & 4518
Cessna Aircraft
USAF MTAPP

Intec's Selected Qualifications and
Certifications



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