

DALLAS SMITH CORP.®



- ✓ **Intelli SYNC®** Connect Air-Ride Suspension System.
- ✓ Electronically controlled air-ride suspension system with diagnostic computer connect capabilities.
- ✓ Air compressor OEM (engine driven)
- ✓ No steps, 6:1 purpose-built accessibility.
- ✓ "Buy America" certified.
- ✓ Standard limited 3-year/36,000 mile warranty.

DALLAS SMITH CORP.® **Air-Chassis™**

International UC Air-Chassis® with IntelliSYNC®



DSC U-Frame™



Champion International UC LF Transport



www.dallassmithcorp.com

PATENTS
PENDING

Base Vehicle:	International UC Chassis Cab
GVWR:	Max. GVW rating (lbs.) of 19,500
Brake System:	Brake System: Original Equipment Manufacturer (OEM)
Engine:	Maxx Force 7 Diesel Engine
Transmission/Driveline:	OEM (no drop box)
Exhaust:	OEM stainless steel exhaust pipes and muffler properly installed with heat shields and baffles.
Chassis Frame:	Passenger and driver side Equal-Access™ frame rail section engineered by Dallas Smith Corp. (patent pending)

Suspension:

- IntelliSYNC® Connect Air-Ride Suspension System, International UC model.
- "Buy America" certified.
- Air Compressor - OEM engine driven.
- DSC air-cooler to reduce temperatures to 150 degrees Fahrenheit or less to improve overall air suspension system efficiency and durability.
- All IntelliSYNC® suspension air system lines, fittings, valves, connectors, and tanks are color-coded for plug n' play operation and meet D.O.T. specifications.
- DSC LoPro™ Extenda-Life™ Heavy Duty Travel Bushings (front and rear).
- IntelliSYNC® International UC designed LoPro™ air beams by Dallas Smith Corp., and rated specifically to vehicle's GAWR and provide enhanced "wide-trac" vehicle lateral and longitudinal stability.
- System safety control valves.
- Integrated interlock safety systems.
- Environmental chamber testing (-40 to 180 degree Fahrenheit).

- Easy service and maintainability.
- Designed to meet the needs of the heavy duty transit industry with improved up-fit vehicle handling.
- Standard limited 3-year/36,000 mile warranty.

Testing and Industry Validation:

- Vehicle accessibility-rail and suspension FEA independently performed by a certified and registered professional engineer with documentation to establish that the chassis and suspension used produces a ride quality comparable to the best state of the art for low floor vehicles.
- FMEA – Chassis suspension system thoroughly analyzed utilizing rigorous FMEA process.
- ALTOONA (to be submitted for 7-10 year testing winter 2013).

Manuals:

In addition to the contractor supplied information; vehicle suspension manuals, diagrams, schematics, and part's reference, shall be available/accessible online and downloadable/printable.

About Dallas Smith Corp.:

For over 60 years, Dallas Smith Corp. has been providing the transportation industry with safer, smarter, and easier suspension systems. We are a complete design, engineering, and manufacturing company focusing entirely on low floor chassis and suspension systems for commercial application vehicles. Our patented technology is built, tested, and certified by the industry's very best!

PRELIMINARY SPECIFICATIONS: Dallas Smith Corp. (DSC) reserves the right to change, modify, alter any of the specifications listed, without notice, to accommodate any changes in Base Vehicle or Systems used.

PATENTS PENDING. Copyright© 2013, Dallas Smith Corp. All Rights Reserved. The Dallas Smith name, logo; IntelliSYNC name, logo; Air-Chassis name, logo; are trademarks owned by Dallas Smith Corp. All other registered trademarks and logos are of the respective company identified.

