

Measuring Force in Aircraft Recovery Operations

Measuring force applied when recovering or de-bogging an aircraft requires ensuring the aircraft components aren't overstressed during the process. With Intercomp tension link dynamometers, pulling force is measured so that operators can be sure they are operating within the allowed force range.

"When using the wireless handheld, force from multiple points can be monitored during the operation. Further, with the optional audible alarm for surpassing force limits, protecting the aircraft components is simplified."

Different aircraft types have different limits of force that can be applied, and with some manufacturers requiring any applied loads to the aircraft be measured, tension links become a valuable tool for any organization. Aircraft recovery manuals specify load limits that can be placed on different parts during recovery operations, which are taken into account when selecting the capacities that best ensures the safety of the aircraft and recovery crew.

Aircraft Recovery Teams and Maintenance and Engineering Team members in civil and military organizations such as airlines, airports, or military base personnel use Intercomp tension links for load monitoring during operations.

Typical capacities used for aircraft recovery include 50,000lb (25,000kg), 100,000lb (50,000kg), and 160,000lb (80,000kg) tension links, and Intercomp can provide any combination of links and shackles that cover the types of aircraft in the fleet.

TL8500™ & TL8000™ Tension Links

- Capacities Ranging from 500lbs (250kgs) to 500,000lbs (250,000kgs)
- Sized to Accommodate Industry Shackles
- Standard Wireless Radio with no External Antennas for Convenient Remote Weight Monitoring
- IP65 Protection
- Commercially Available 9-Volt Batteries Last up to 400 Hours of Continued Use



Typical use: Load monitoring on towing straps connected to landing gear.



Tension links with simple wireless operation and easy to read display.

	lb	kg	lb
1:	3028	G:	17037 lb
2:	6080	T:	1000 lb
3:	3065	N:	16037 lb
4:	4864	P:	111764 lb
TOTAL:			17037 lb
ACCUM# 02:			32074 lb

Monitor multiple tension links with wireless indicators.